

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025252.D
 Acq On : 28 Jul 2025 16:51
 Operator : CG/JU
 Sample : PB168971BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168971BS

Quant Time: Jul 28 17:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	370040	20.000	ng	0.00
21) Naphthalene-d8	10.155	136	1420116	20.000	ng	0.00
39) Acenaphthene-d10	14.048	164	892276	20.000	ng	0.00
64) Phenanthrene-d10	16.848	188	1771801	20.000	ng	0.00
76) Chrysene-d12	21.277	240	1982622	20.000	ng	0.01
86) Perylene-d12	24.348	264	2352897	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	2740834	125.149	ng	0.01
7) Phenol-d6	6.649	99	3238630	119.398	ng	0.01
23) Nitrobenzene-d5	8.549	82	2006808	78.532	ng	0.00
42) 2,4,6-Tribromophenol	15.584	330	1465127	111.382	ng	0.01
45) 2-Fluorobiphenyl	12.660	172	4935797	77.987	ng	0.00
79) Terphenyl-d14	19.613	244	8078063	80.430	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.114	88	308695	37.609	ng	99
3) Pyridine	3.555	79	698795	31.804	ng	99
4) n-Nitrosodimethylamine	3.402	42	388647	44.603	ng	# 93
6) Aniline	6.866	93	900491	25.397	ng	# 57
8) 2-Chlorophenol	7.008	128	1083856	43.618	ng	99
9) Benzaldehyde	6.590	77	522349	28.403	ng	99
10) Phenol	6.672	94	1250093	44.440	ng	97
11) bis(2-Chloroethyl)ether	6.866	93	900491	41.755	ng	100
12) 1,3-Dichlorobenzene	7.308	146	1172989	41.976	ng	99
13) 1,4-Dichlorobenzene	7.449	146	1197974	42.471	ng	99
14) 1,2-Dichlorobenzene	7.755	146	1147196	42.278	ng	99
15) Benzyl Alcohol	7.672	79	601367	30.736	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.937	45	1138150	41.246	ng	98
17) 2-Methylphenol	7.884	107	838530	42.997	ng	97
18) Hexachloroethane	8.460	117	417900	43.082	ng	99
19) n-Nitroso-di-n-propyla...	8.219	70	674951	41.363	ng	99
20) 3+4-Methylphenols	8.208	107	1112403	41.816	ng	# 90
22) Acetophenone	8.225	105	1483877	44.905	ng	# 96
24) Nitrobenzene	8.596	77	1033478	45.369	ng	97
25) Isophorone	9.119	82	1867235	41.552	ng	99
26) 2-Nitrophenol	9.290	139	573811	43.866	ng	97
27) 2,4-Dimethylphenol	9.378	122	948700	43.342	ng	96
28) bis(2-Chloroethoxy)met...	9.590	93	1214555	43.210	ng	100
29) 2,4-Dichlorophenol	9.849	162	989306	43.994	ng	99
30) 1,2,4-Trichlorobenzene	10.025	180	1056857	43.029	ng	99
31) Naphthalene	10.202	128	3116213	42.882	ng	100
32) Benzoic acid	9.566	122	430377	25.755	ng	98
33) 4-Chloroaniline	10.490	127	297590	9.316	ng	# 91
34) Hexachlorobutadiene	10.502	225	648061	43.838	ng	99
35) Caprolactam	11.249	113	292260	39.159	ng	93
36) 4-Chloro-3-methylphenol	11.496	107	936086	41.642	ng	98
37) 2-Methylnaphthalene	11.837	142	2013044	42.661	ng	99
38) 1-Methylnaphthalene	12.049	142	2073947	41.841	ng	99
40) 1,2,4,5-Tetrachloroben...	12.213	216	1198129	44.797	ng	99
41) Hexachlorocyclopentadiene	12.196	237	1617016	101.280	ng	99
43) 2,4,6-Trichlorophenol	12.466	196	786980	43.064	ng	99

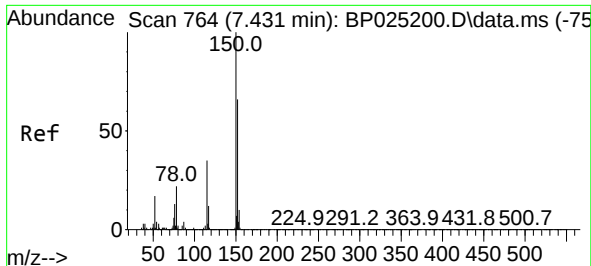
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 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	863684	42.947	ng	99
46) 1,1'-Biphenyl	12.860	154	2859569	44.209	ng	99
47) 2-Chloronaphthalene	12.901	162	2213087	43.824	ng	98
48) 2-Nitroaniline	13.125	65	594463	46.095	ng	94
49) Acenaphthylene	13.766	152	3645280	44.629	ng	100
50) Dimethylphthalate	13.525	163	2774002	43.471	ng	99
51) 2,6-Dinitrotoluene	13.637	165	632174	45.593	ng	95
52) Acenaphthene	14.119	154	2068812	43.801	ng	99
53) 3-Nitroaniline	13.984	138	285577	18.264	ng	99
54) 2,4-Dinitrophenol	14.184	184	795963	96.889	ng	99
55) Dibenzofuran	14.466	168	3353416	43.954	ng	98
56) 4-Nitrophenol	14.354	139	828799	61.944	ng	90
57) 2,4-Dinitrotoluene	14.437	165	899952	46.368	ng	92
58) Fluorene	15.125	166	2733942	45.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.707	232	767921	43.148	ng	99
60) Diethylphthalate	14.913	149	2799451	44.510	ng	99
61) 4-Chlorophenyl-phenyle...	15.125	204	1367048	44.666	ng	97
62) 4-Nitroaniline	15.184	138	360685	22.682	ng	94
63) Azobenzene	15.419	77	2413433	47.089	ng	95
65) 4,6-Dinitro-2-methylph...	15.225	198	529753	46.330	ng	95
66) n-Nitrosodiphenylamine	15.342	169	2367004	44.014	ng	99
67) 4-Bromophenyl-phenylether	16.031	248	899756	43.513	ng	97
68) Hexachlorobenzene	16.142	284	1050650	42.785	ng	94
69) Atrazine	16.354	200	789348	39.665	ng	98
70) Pentachlorophenol	16.519	266	1268842	75.984	ng	99
71) Phenanthrene	16.901	178	4380531	45.840	ng	99
72) Anthracene	17.001	178	4463465	46.364	ng	100
73) Carbazole	17.289	167	4095591	44.566	ng	100
74) Di-n-butylphthalate	17.889	149	4846997	45.711	ng	99
75) Fluoranthene	18.989	202	5099802	45.344	ng	99
78) Pyrene	19.366	202	5312461	43.457	ng	99
80) Butylbenzylphthalate	20.354	149	2248070	40.626	ng	98
81) Benzo(a)anthracene	21.260	228	5627098	44.943	ng	99
82) 3,3'-Dichlorobenzidine	21.195	252	1112715	21.440	ng	98
83) Chrysene	21.313	228	5244277	44.870	ng	100
84) Bis(2-ethylhexyl)phtha...	21.219	149	3355086	42.402	ng	100
85) Di-n-octyl phthalate	22.413	149	5857835	42.873	ng	99
87) Indeno(1,2,3-cd)pyrene	27.801	276	7824113	45.504	ng	99
88) Benzo(b)fluoranthene	23.371	252	5929880	44.029	ng	99
89) Benzo(k)fluoranthene	23.430	252	6290019	47.307	ng	99
90) Benzo(a)pyrene	24.177	252	5973359	45.457	ng	99
91) Dibenzo(a,h)anthracene	27.871	278	6420942	45.772	ng	99
92) Benzo(g,h,i)perylene	28.871	276	6395067	46.388	ng	99

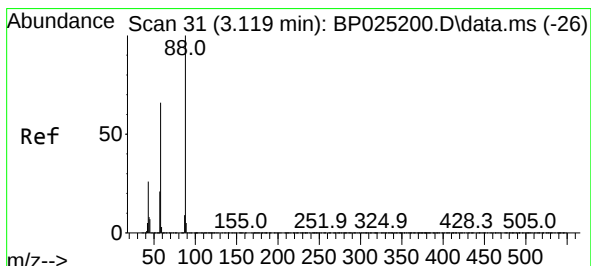
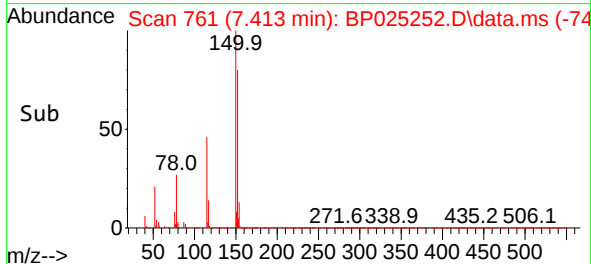
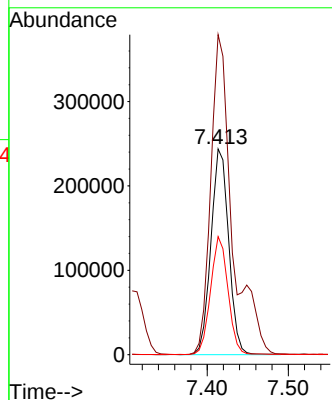
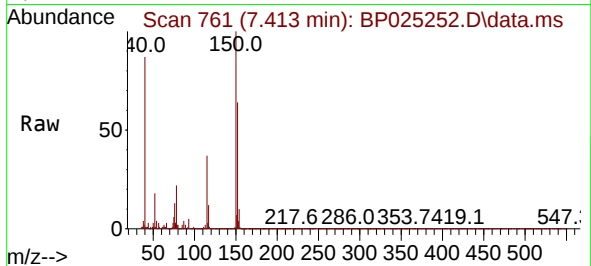
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.413 min Scan# 7
 Delta R.T. -0.001 min
 Lab File: BP025252.D
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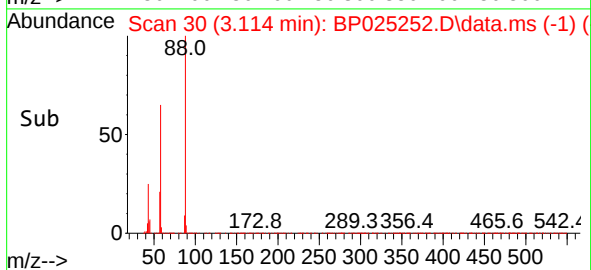
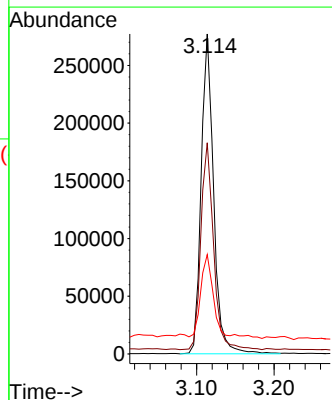
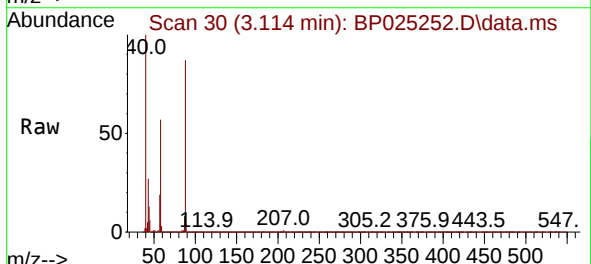
Instrument :
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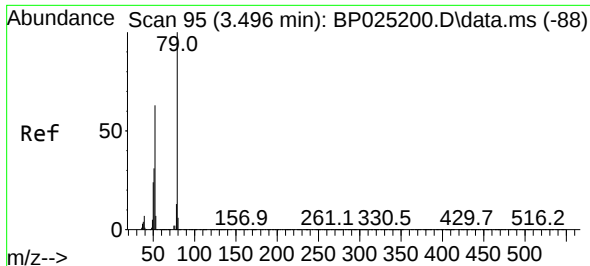
Tgt Ion:152 Resp: 370040
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.9 182.9
 115 57.4 43.0 64.6



#2
 1,4-Dioxane
 Concen: 37.609 ng
 RT: 3.114 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP025252.D
 Acq: 28 Jul 2025 16:51

Tgt Ion: 88 Resp: 308695
 Ion Ratio Lower Upper
 88 100
 58 65.9 53.5 80.3
 43 24.9 20.8 31.2

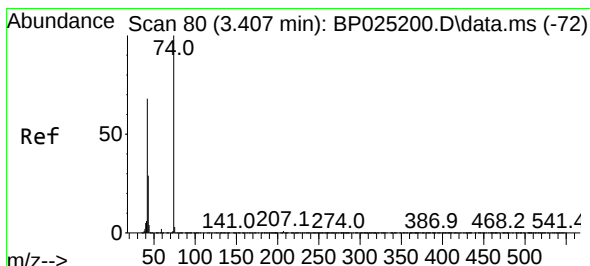
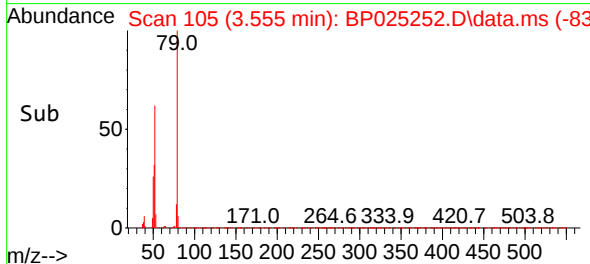
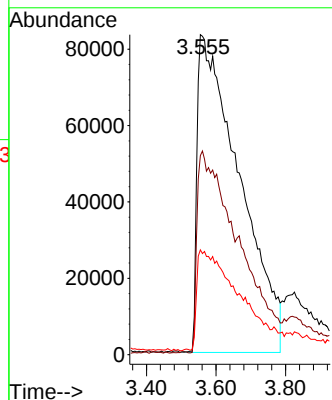
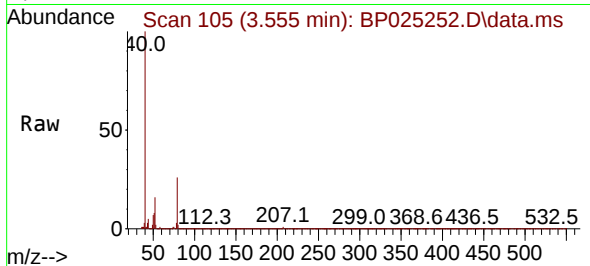




#3
Pyridine
Concen: 31.804 ng
RT: 3.555 min Scan# 105
Delta R.T. 0.029 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

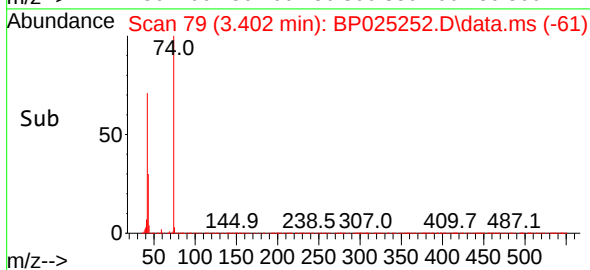
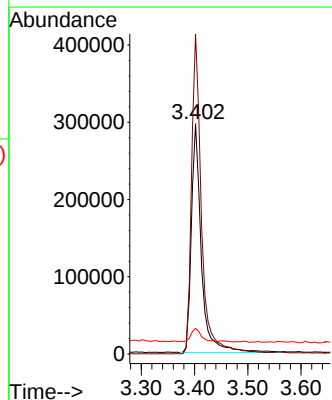
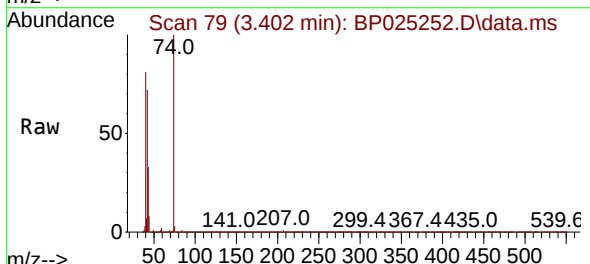
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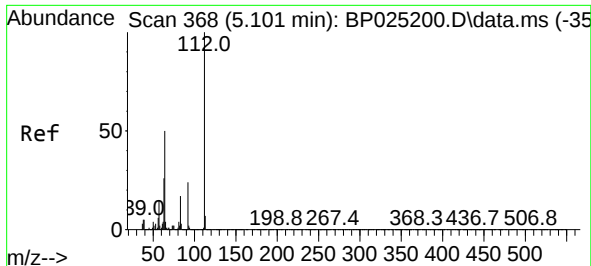
Tgt Ion: 79 Resp: 698795
Ion Ratio Lower Upper
79 100
52 62.2 50.2 75.4
51 32.7 25.0 37.4



#4
n-Nitrosodimethylamine
Concen: 44.603 ng
RT: 3.402 min Scan# 79
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 42 Resp: 388647
Ion Ratio Lower Upper
42 100
74 139.0 118.0 177.0
44 11.1 5.5 8.3

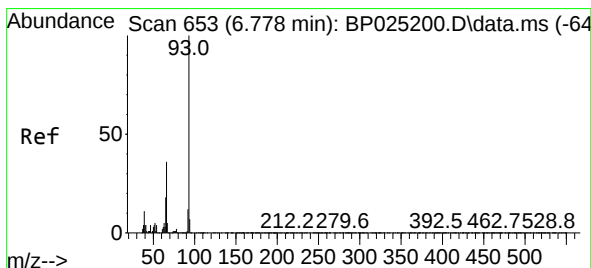
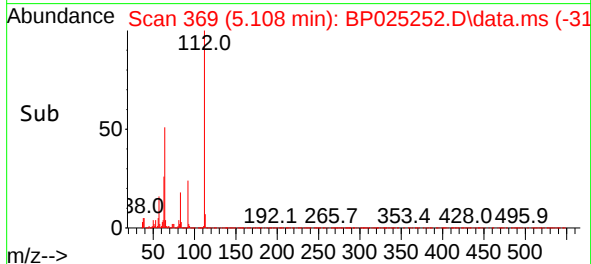
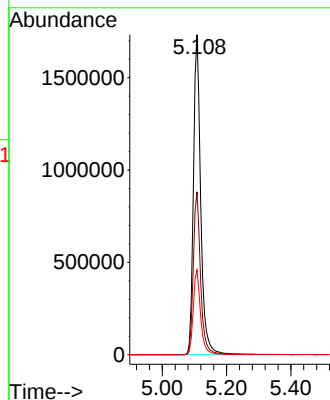
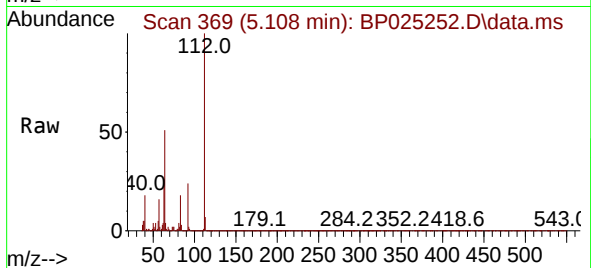




#5
2-Fluorophenol
Concen: 125.149 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

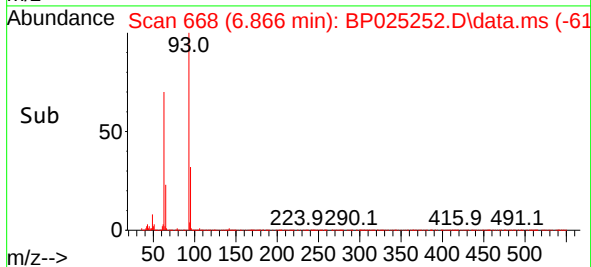
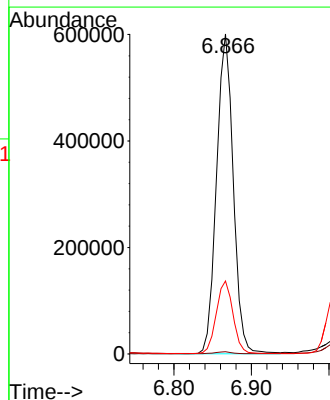
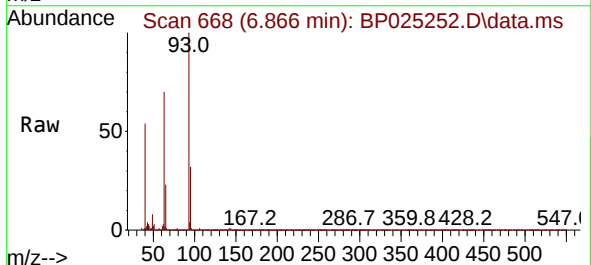
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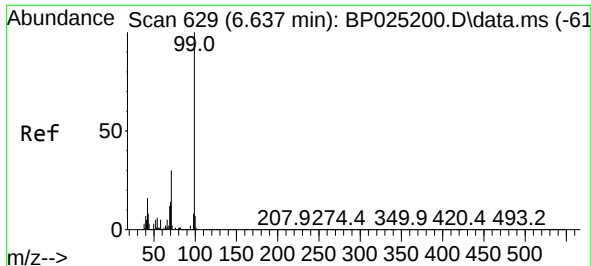
Tgt Ion:112 Resp: 2740834
Ion Ratio Lower Upper
112 100
64 50.9 39.8 59.6
63 26.4 20.5 30.7



#6
Aniline
Concen: 25.397 ng
RT: 6.866 min Scan# 668
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 93 Resp: 900491
Ion Ratio Lower Upper
93 100
66 0.7 28.6 43.0#
65 22.8 14.6 21.8#

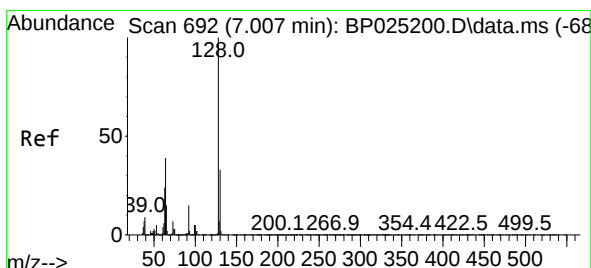
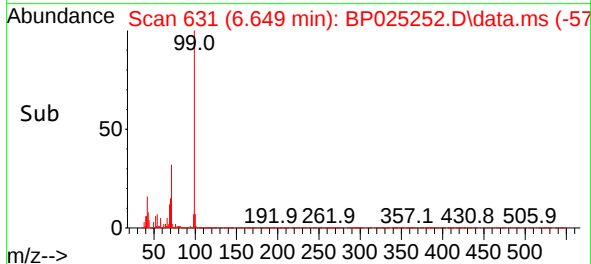
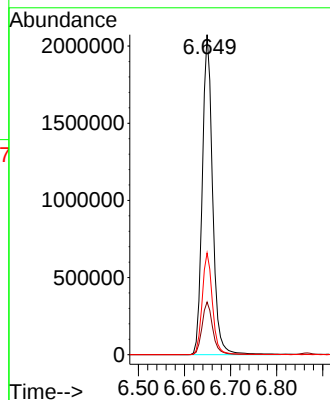
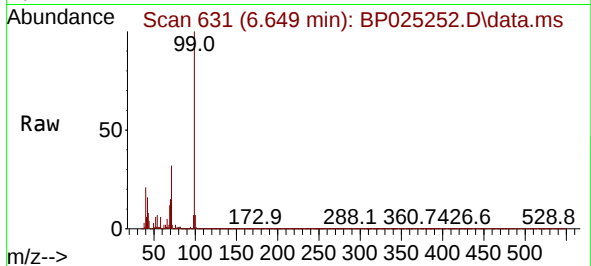




#7
Phenol-d6
Concen: 119.398 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

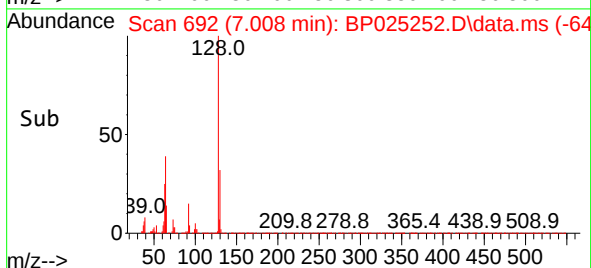
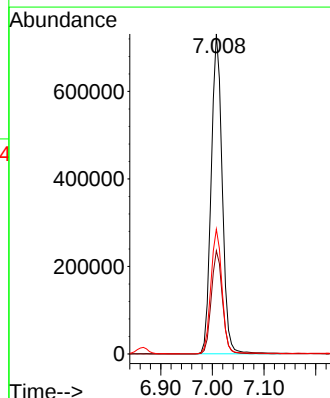
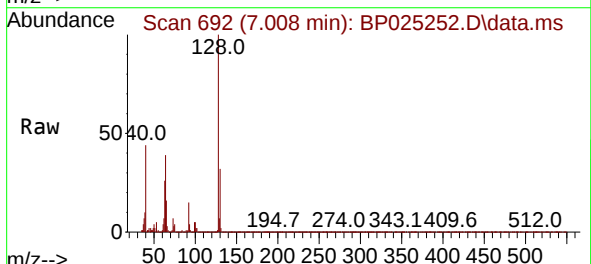
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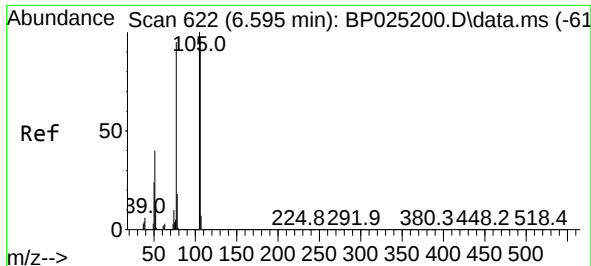
Tgt Ion: 99 Resp: 3238630
Ion Ratio Lower Upper
99 100
42 16.5 12.5 18.7
71 31.8 24.2 36.2



#8
2-Chlorophenol
Concen: 43.618 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:128 Resp: 1083856
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 39.0 19.2 59.2

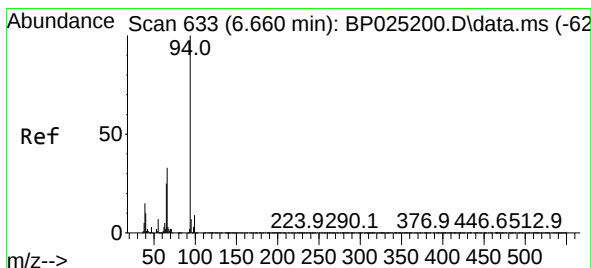
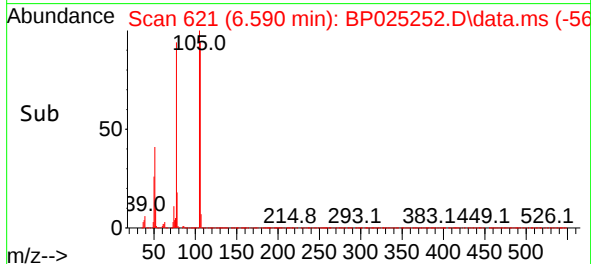
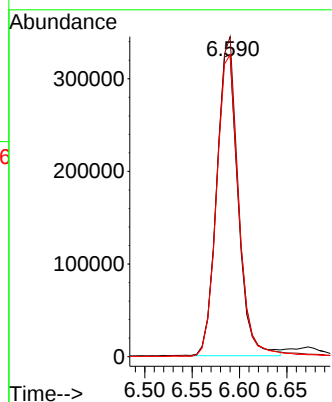
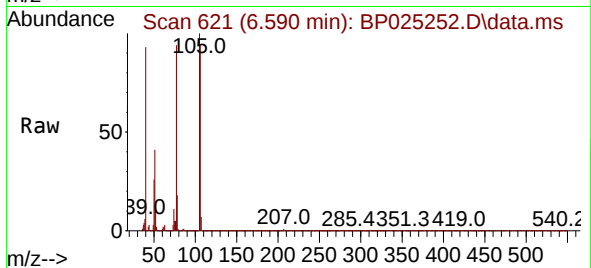




#9
Benzaldehyde
Concen: 28.403 ng
RT: 6.590 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

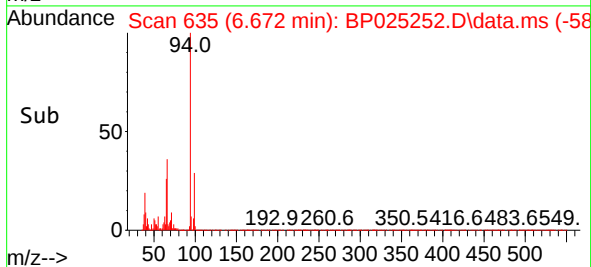
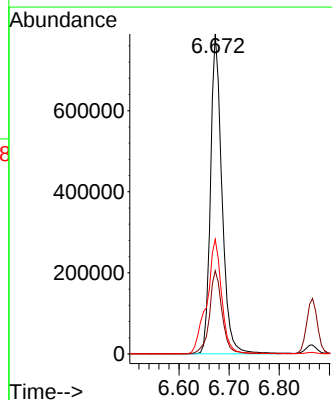
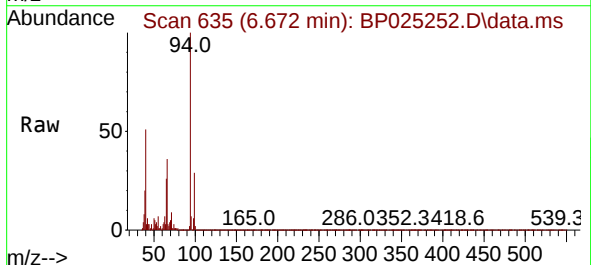
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BNA_P
ClientSampleId :
PB168971BS

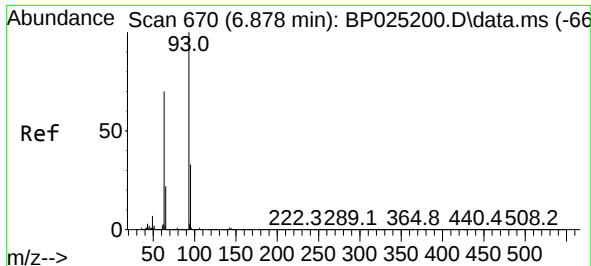
Tgt Ion: 77 Resp: 522349
Ion Ratio Lower Upper
77 100
105 105.9 85.5 125.5
106 100.0 81.9 121.9



#10
Phenol
Concen: 44.440 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 94 Resp: 1250093
Ion Ratio Lower Upper
94 100
65 26.0 5.4 45.4
66 35.8 13.5 53.5

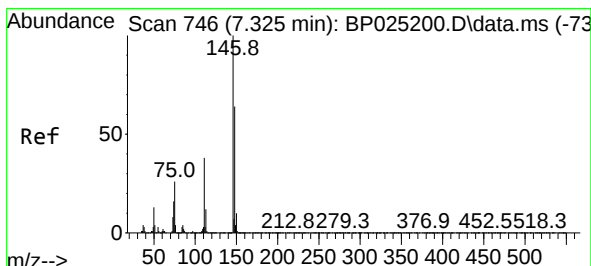
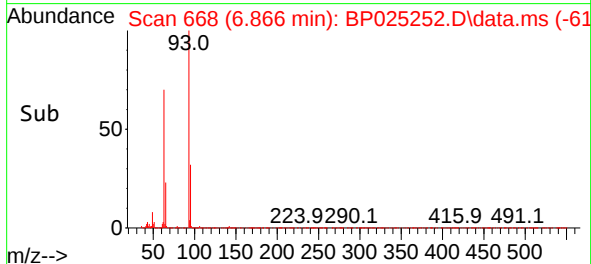
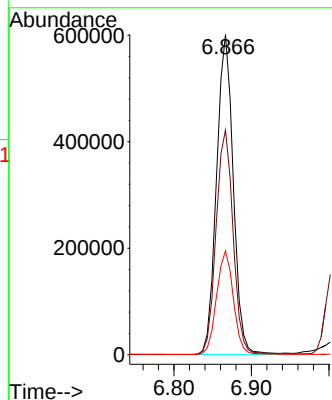
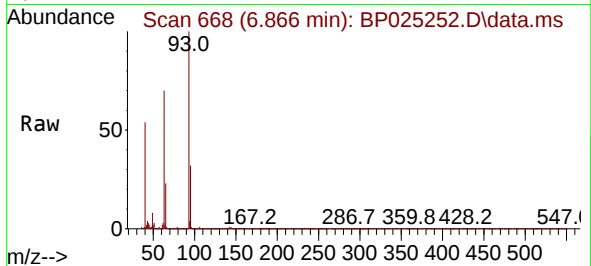




#11
bis(2-Chloroethyl)ether
Concen: 41.755 ng
RT: 6.866 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

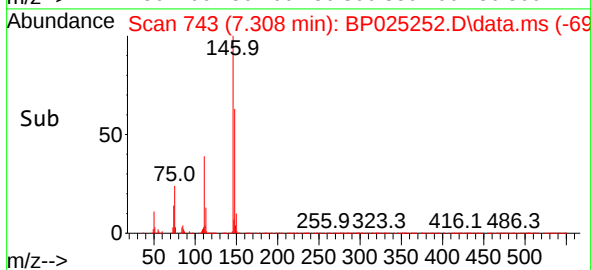
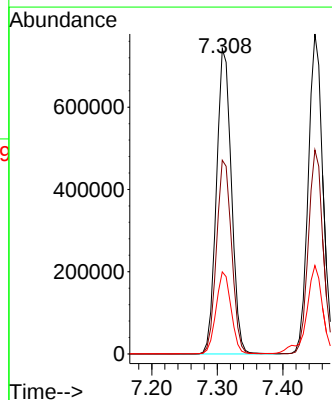
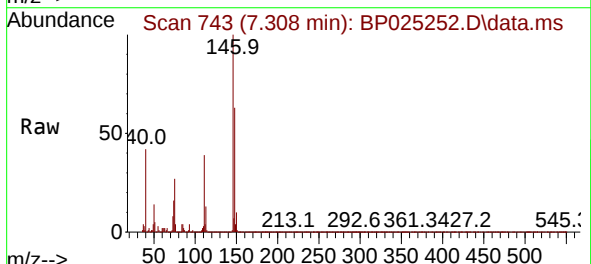
Instrument :
BNA_P
ClientSampleId :
PB168971BS

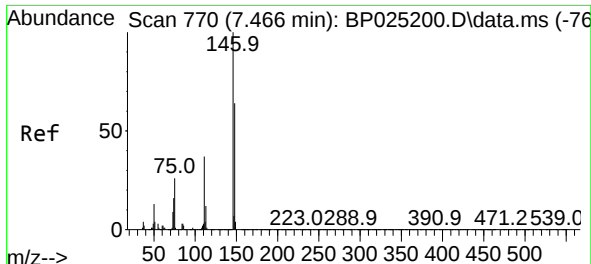
Tgt Ion: 93 Resp: 900491
Ion Ratio Lower Upper
93 100
63 70.2 50.0 90.0
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.976 ng
RT: 7.308 min Scan# 743
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:146 Resp: 1172989
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 26.9 20.6 31.0

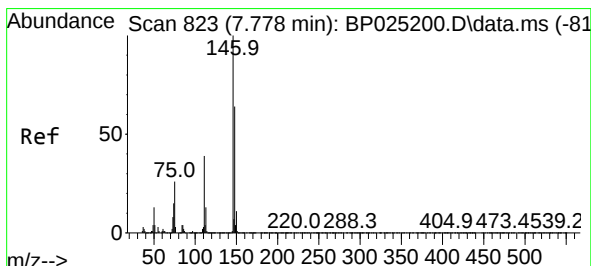
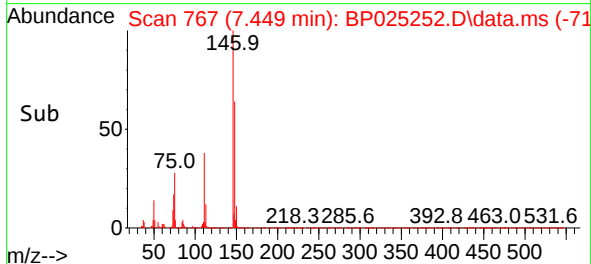
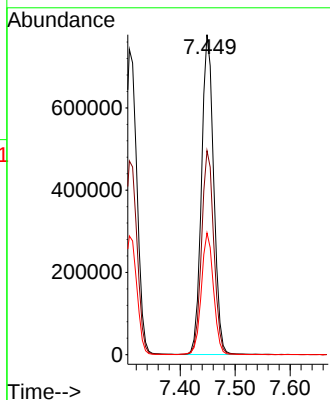
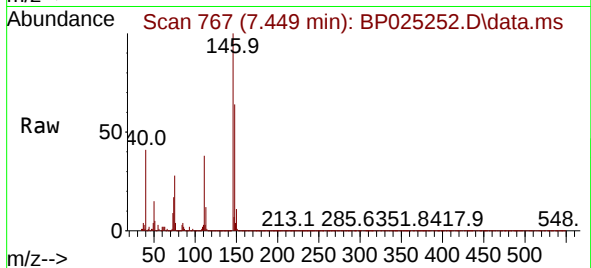




#13
1,4-Dichlorobenzene
Concen: 42.471 ng
RT: 7.449 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

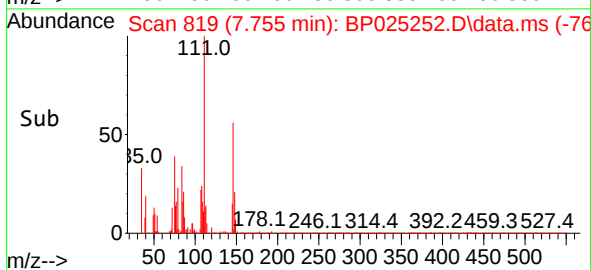
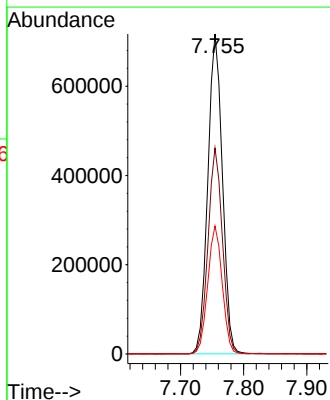
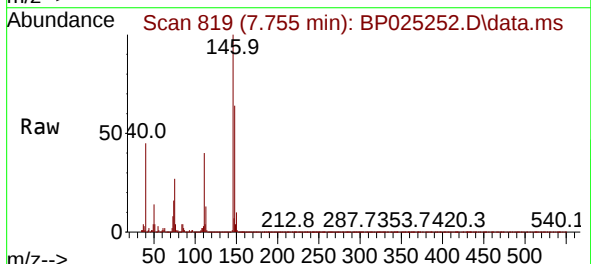
Instrument :
BNA_P
ClientSampleId :
PB168971BS

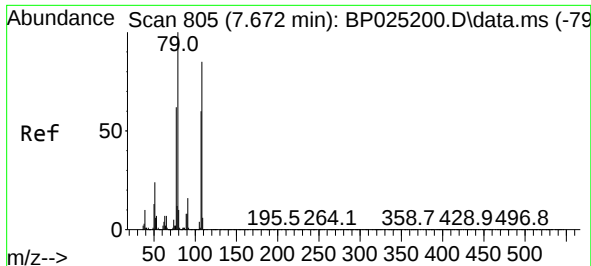
Tgt Ion:146 Resp: 1197974
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 38.1 29.9 44.9



#14
1,2-Dichlorobenzene
Concen: 42.278 ng
RT: 7.755 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:146 Resp: 1147196
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 40.0 31.3 46.9

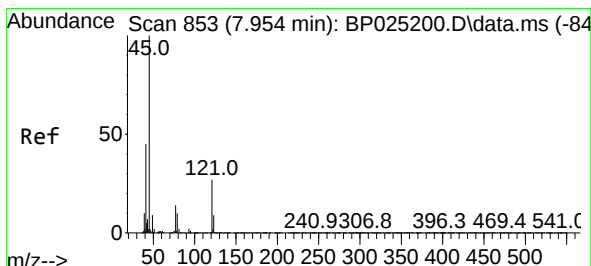
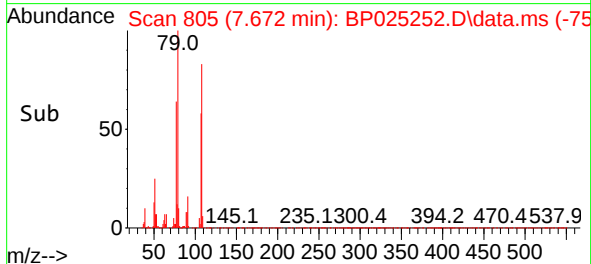
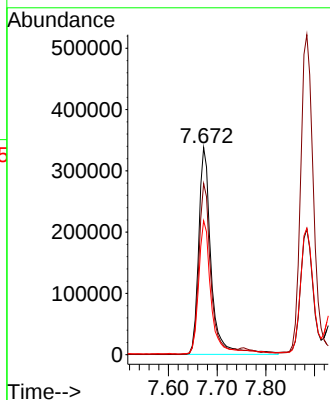
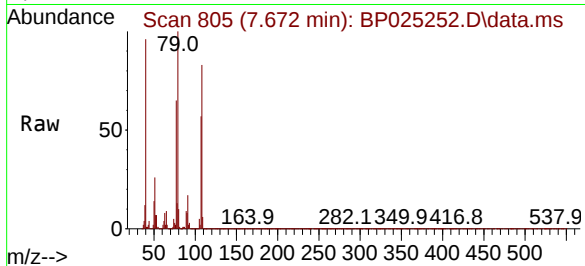




#15
Benzyl Alcohol
Concen: 30.736 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

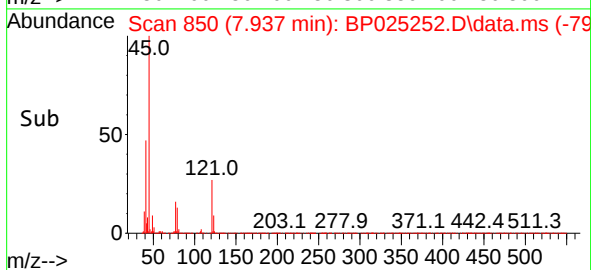
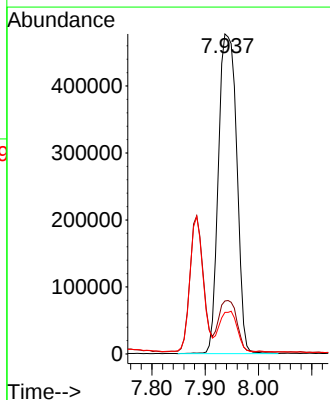
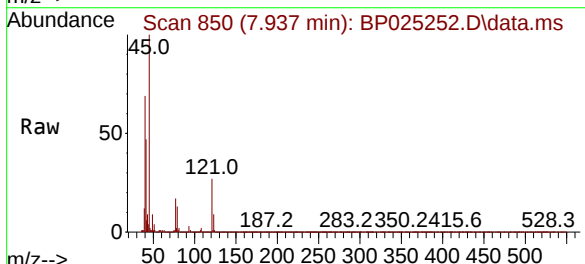
Instrument :
BNA_P
ClientSampleId :
PB168971BS

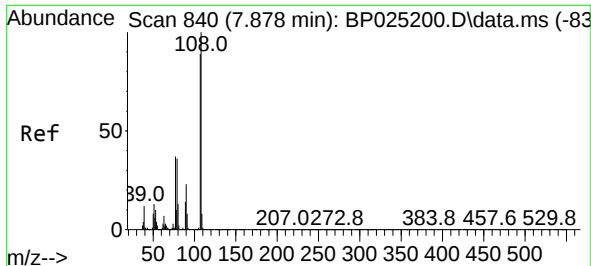
Tgt Ion: 79 Resp: 601367
Ion Ratio Lower Upper
79 100
108 82.6 67.8 101.6
77 64.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.246 ng
RT: 7.937 min Scan# 850
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

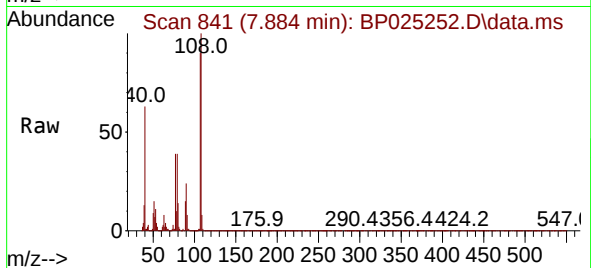
Tgt Ion: 45 Resp: 1138150
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.0
79 13.0 0.0 31.7



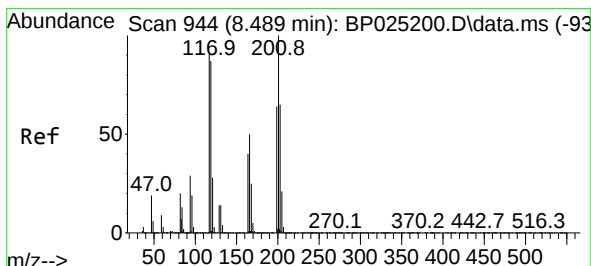
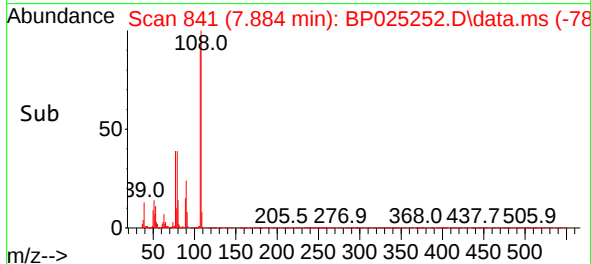
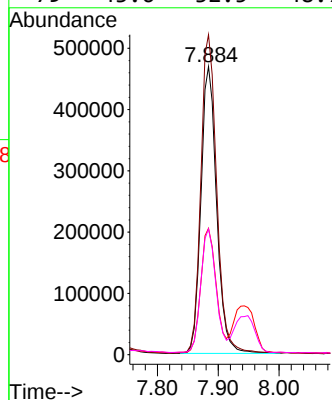


#17
2-Methylphenol
Concen: 42.997 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Instrument :
BNA_P
ClientSampleId :
PB168971BS

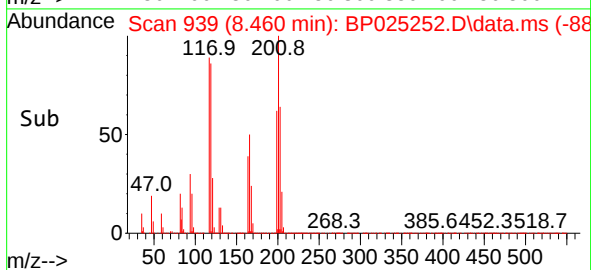
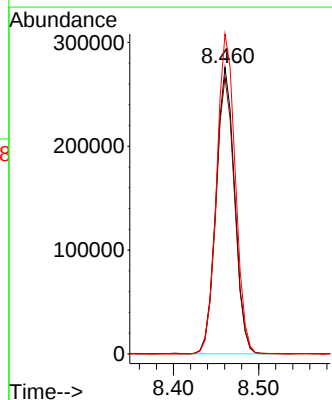
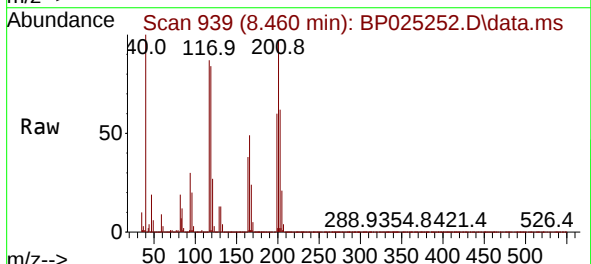


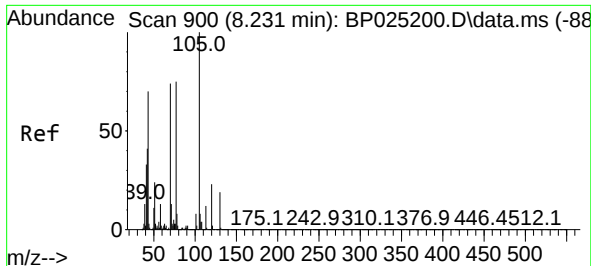
Tgt Ion:	107	Resp:	838530
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.8	134.8
77	43.9	33.2	49.8
79	43.6	32.5	48.7



#18
Hexachloroethane
Concen: 43.082 ng
RT: 8.460 min Scan# 939
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:	117	Resp:	417900
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.6
201	111.7	88.3	132.5

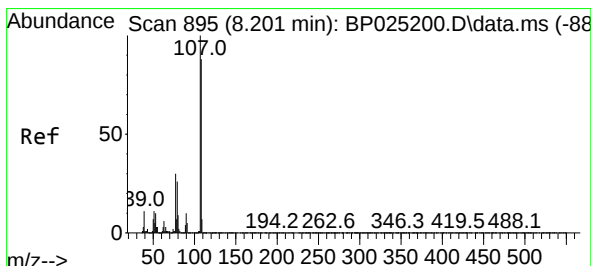
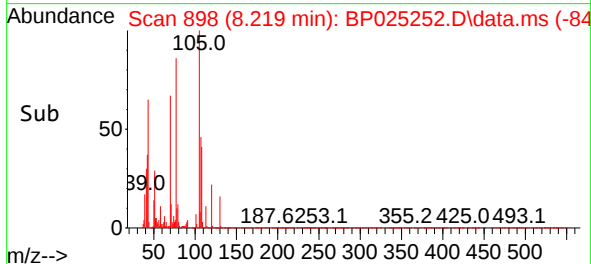
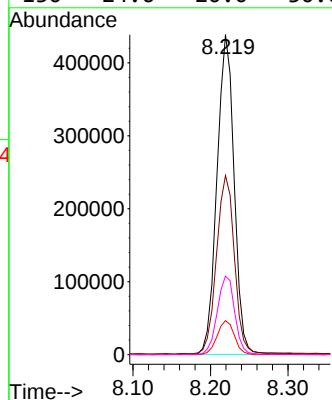
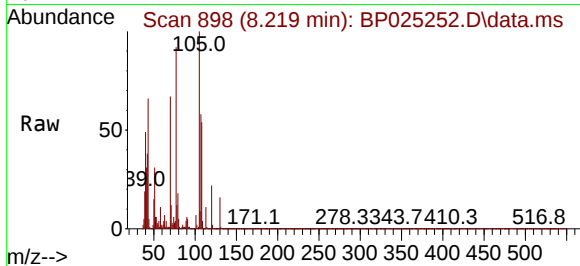




#19
n-Nitroso-di-n-propylamine
Concen: 41.363 ng
RT: 8.219 min Scan# 898
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

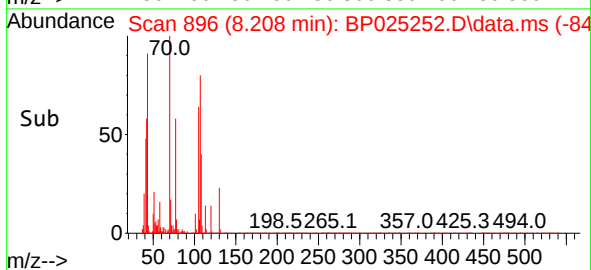
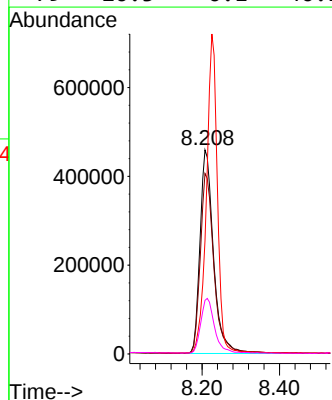
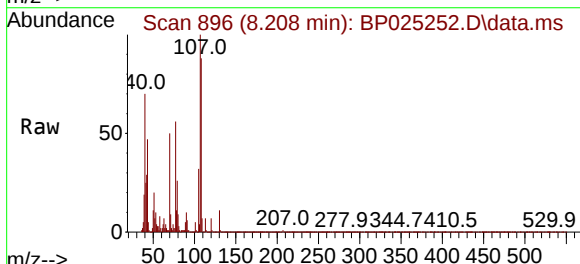
Instrument :
BNA_P
ClientSampleId :
PB168971BS

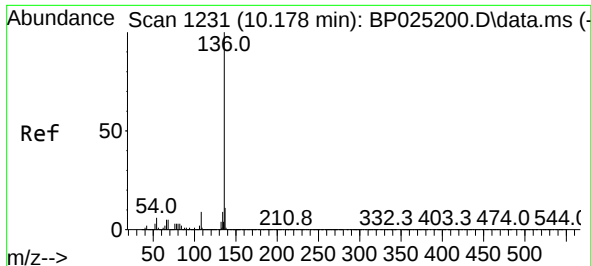
Tgt Ion: 70 Resp: 674951
Ion Ratio Lower Upper
70 100
42 56.0 44.2 66.2
101 10.7 8.6 12.8
130 24.6 20.0 30.0



#20
3+4-Methylphenols
Concen: 41.816 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 107 Resp: 1112403
Ion Ratio Lower Upper
107 100
108 88.5 67.8 107.8
77 55.6 10.3 50.3#
79 26.3 6.1 46.1

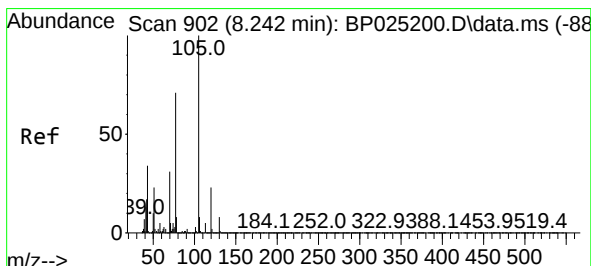
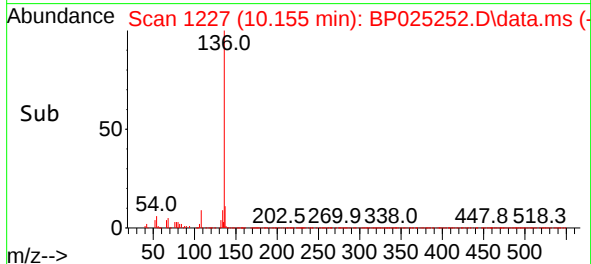
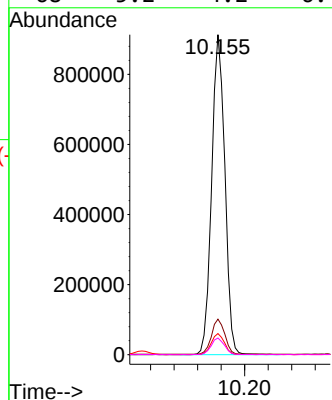
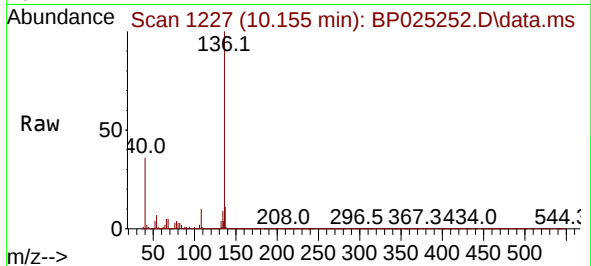




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.155 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

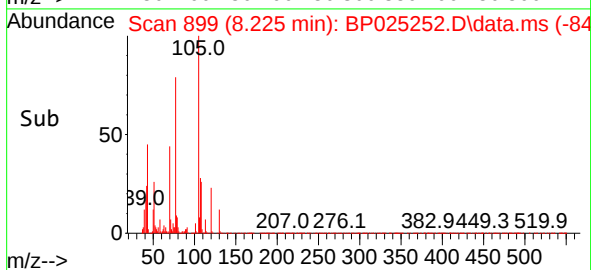
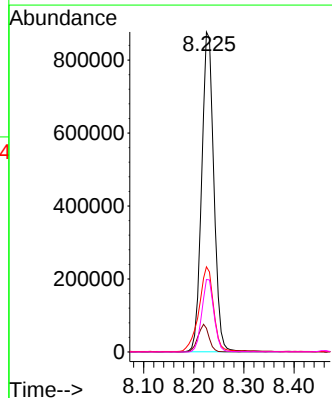
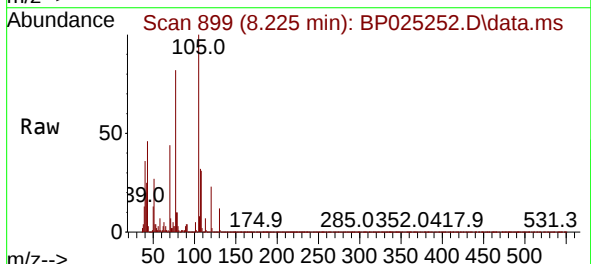
Instrument :
BNA_P
ClientSampleId :
PB168971BS

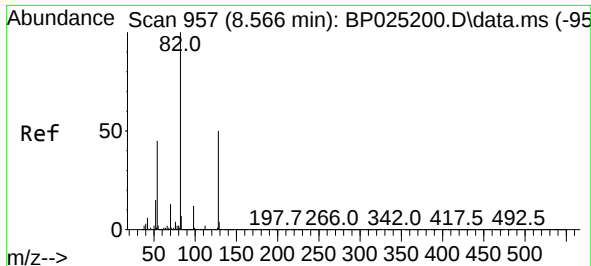
Tgt Ion:136 Resp: 1420116
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.6 5.1 7.7
68 5.2 4.2 6.4



#22
Acetophenone
Concen: 44.905 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:105 Resp: 1483877
Ion Ratio Lower Upper
105 100
71 7.4 4.1 6.1#
51 26.6 18.5 27.7
120 22.7 18.6 28.0

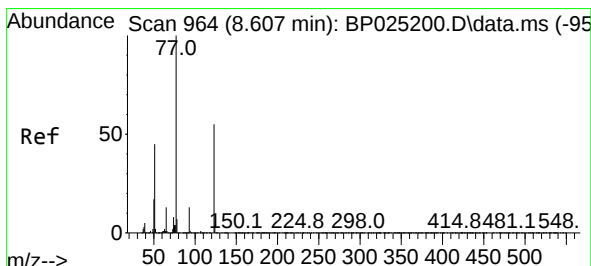
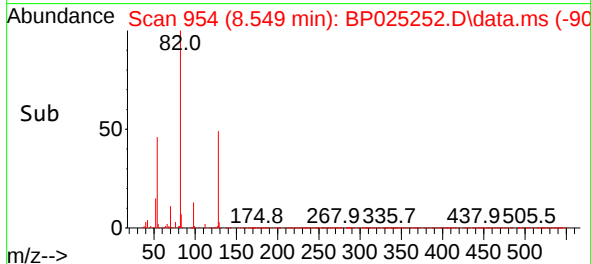
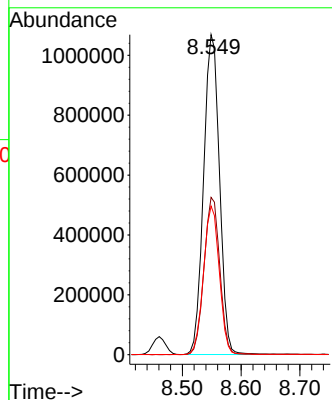
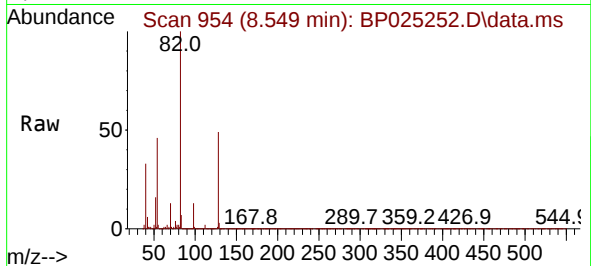




#23
Nitrobenzene-d5
Concen: 78.532 ng
RT: 8.549 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

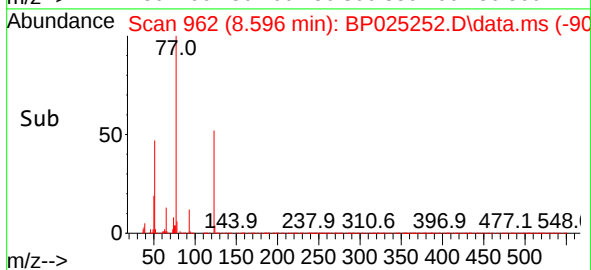
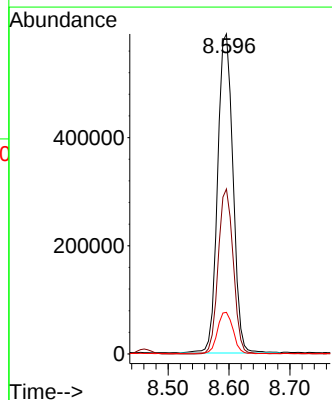
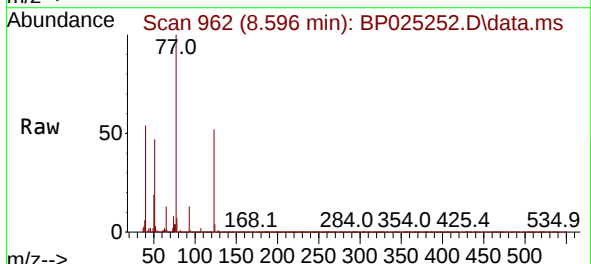
Instrument :
BNA_P
ClientSampleId :
PB168971BS

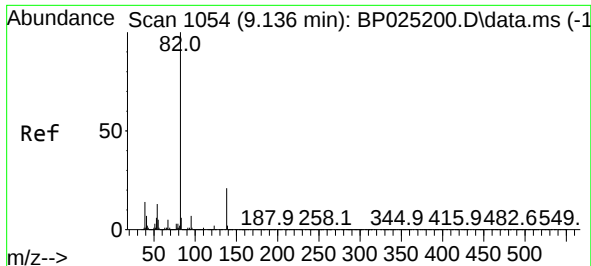
Tgt Ion: 82 Resp: 2006808
Ion Ratio Lower Upper
82 100
128 49.1 40.2 60.4
54 46.5 36.3 54.5



#24
Nitrobenzene
Concen: 45.369 ng
RT: 8.596 min Scan# 962
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 77 Resp: 1033478
Ion Ratio Lower Upper
77 100
123 51.6 43.6 65.4
65 13.0 10.2 15.2

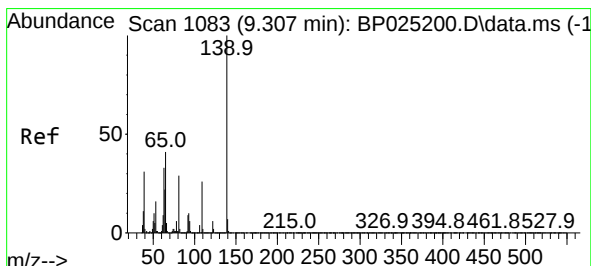
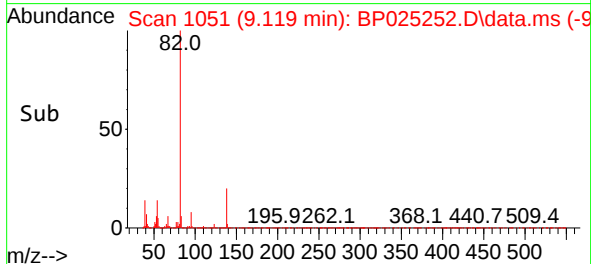
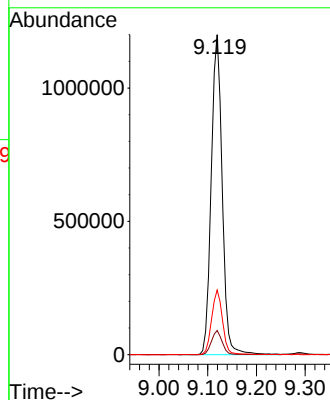
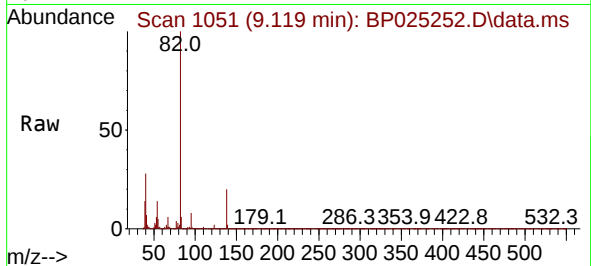




#25
Isophorone
Concen: 41.552 ng
RT: 9.119 min Scan# 1051
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

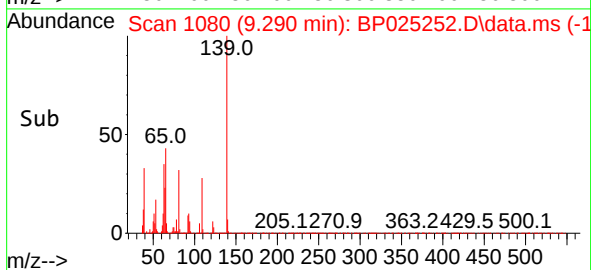
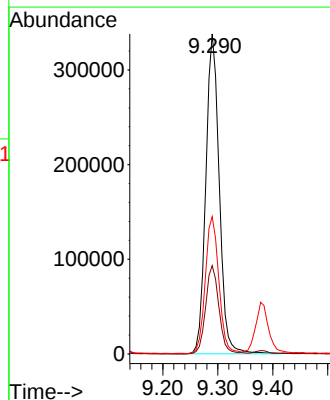
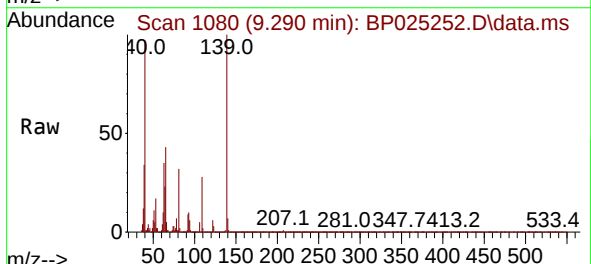
Instrument :
BNA_P
ClientSampleId :
PB168971BS

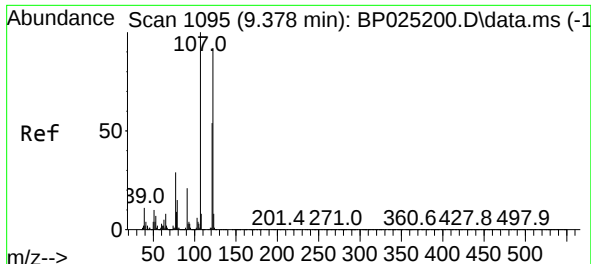
Tgt Ion: 82 Resp: 1867235
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 20.2 16.6 25.0



#26
2-Nitrophenol
Concen: 43.866 ng
RT: 9.290 min Scan# 1080
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 139 Resp: 573811
Ion Ratio Lower Upper
139 100
109 27.6 21.0 31.6
65 42.9 32.7 49.1

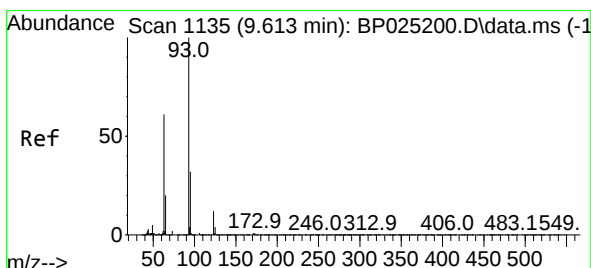
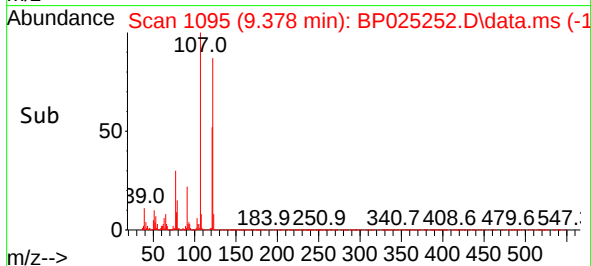
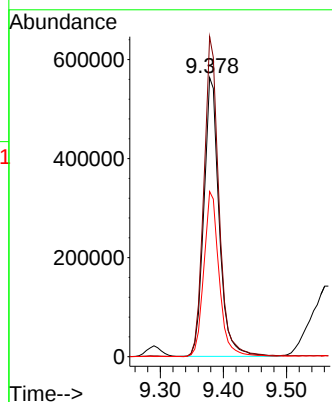
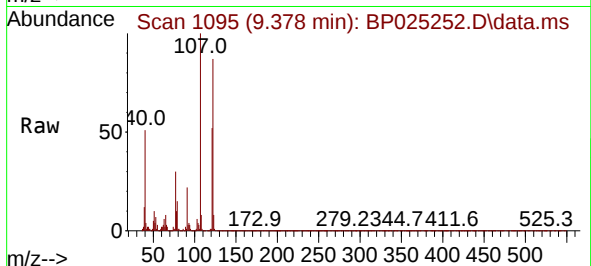




#27
2,4-Dimethylphenol
Concen: 43.342 ng
RT: 9.378 min Scan# 1095
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

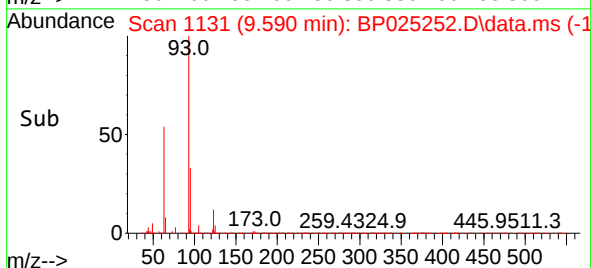
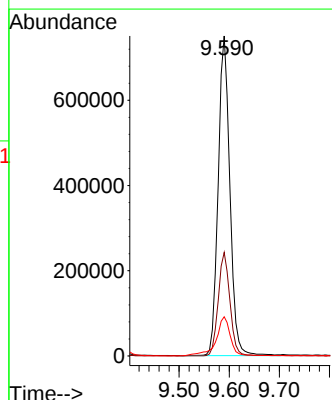
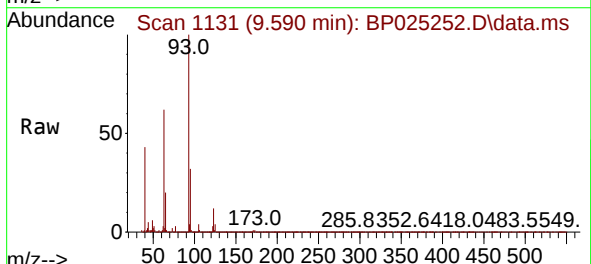
Instrument :
BNA_P
ClientSampleId :
PB168971BS

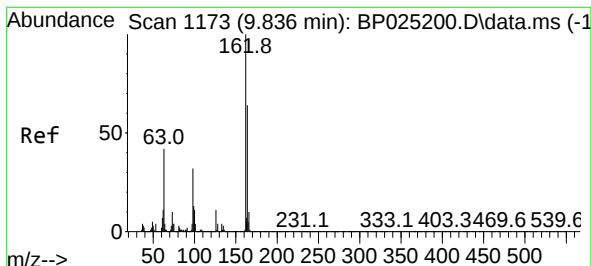
Tgt Ion:122 Resp: 948700
Ion Ratio Lower Upper
122 100
107 114.7 87.0 130.4
121 59.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.210 ng
RT: 9.590 min Scan# 1131
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 93 Resp: 1214555
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 12.2 9.8 14.6

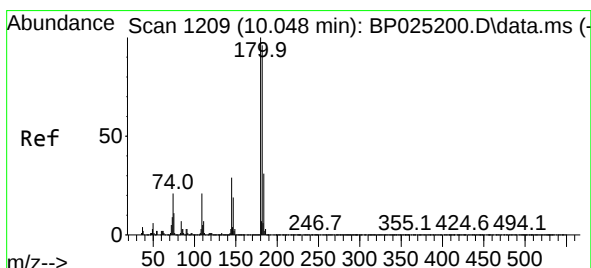
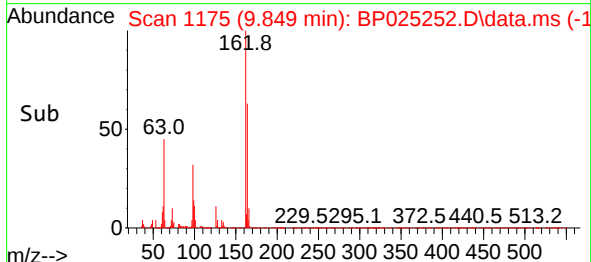
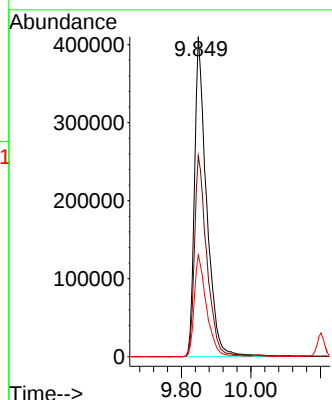
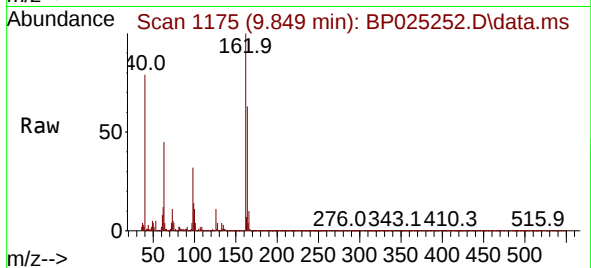




#29
2,4-Dichlorophenol
Concen: 43.994 ng
RT: 9.849 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

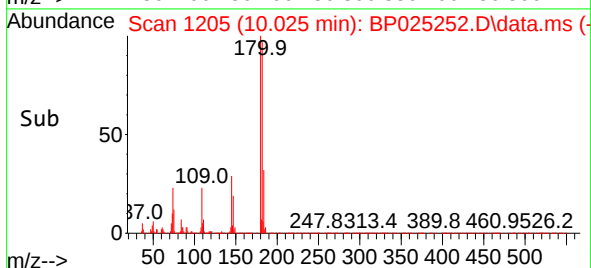
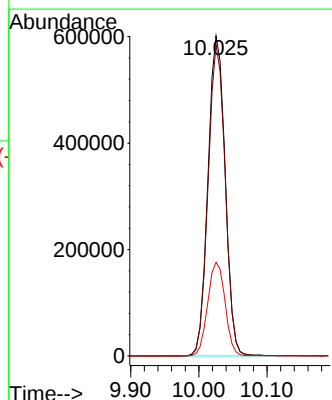
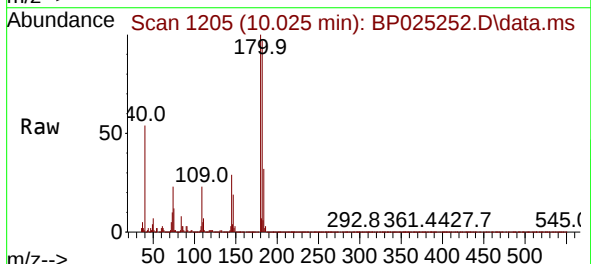
Instrument :
BNA_P
ClientSampleId :
PB168971BS

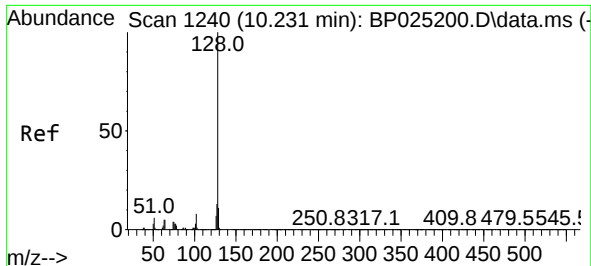
Tgt Ion:162 Resp: 989306
Ion Ratio Lower Upper
162 100
164 62.7 44.2 84.2
98 31.7 11.7 51.7



#30
1,2,4-Trichlorobenzene
Concen: 43.029 ng
RT: 10.025 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:180 Resp: 1056857
Ion Ratio Lower Upper
180 100
182 97.3 76.7 115.1
145 29.3 23.5 35.3

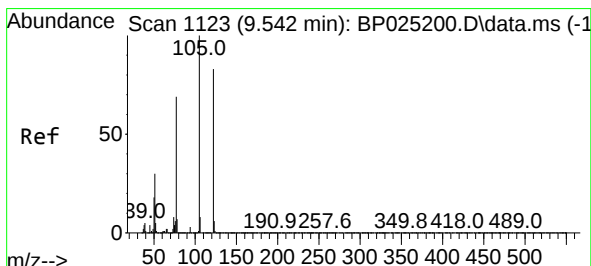
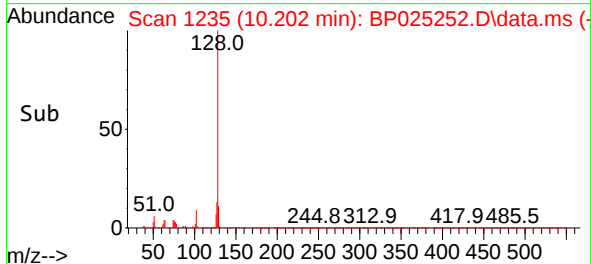
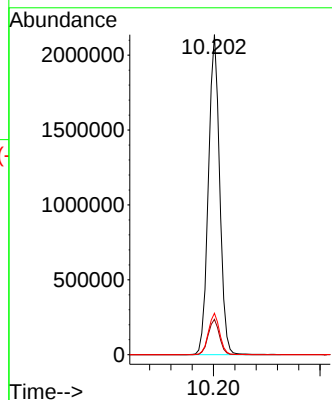
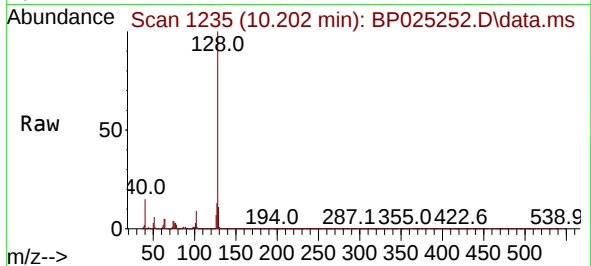




#31
Naphthalene
Concen: 42.882 ng
RT: 10.202 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

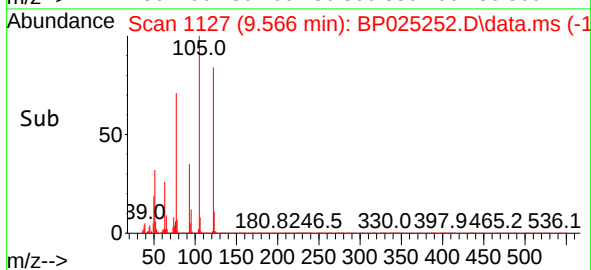
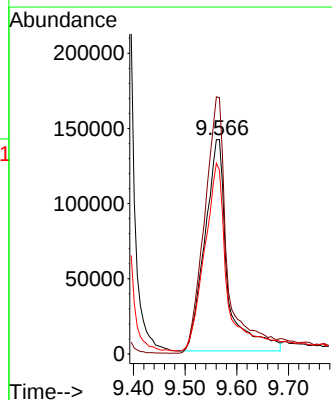
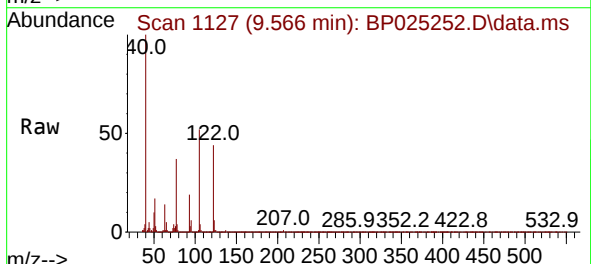
Instrument :
BNA_P
ClientSampleId :
PB168971BS

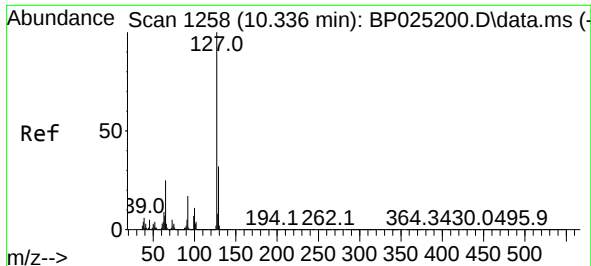
Tgt Ion:128 Resp: 3116213
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 25.755 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.023 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:122 Resp: 430377
Ion Ratio Lower Upper
122 100
105 119.6 98.1 138.1
77 85.8 62.7 102.7

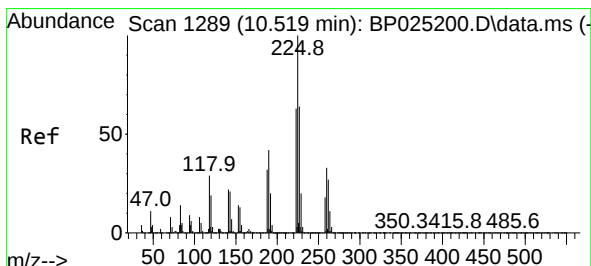
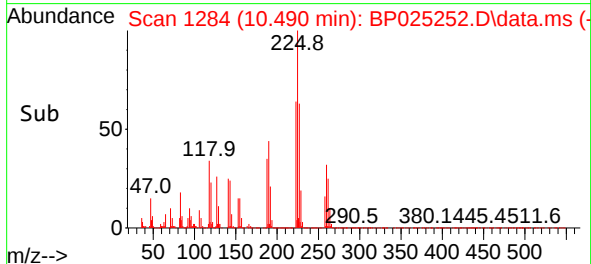
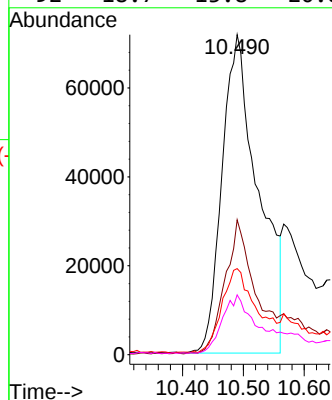
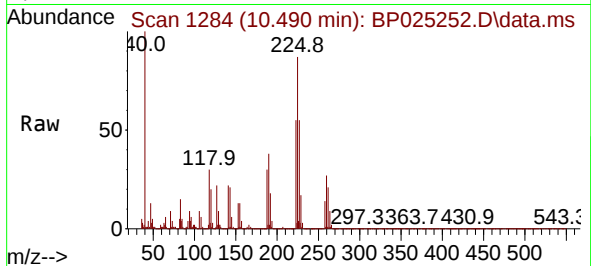




#33
4-Chloroaniline
Concen: 9.316 ng
RT: 10.490 min Scan# 1284
Delta R.T. 0.059 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

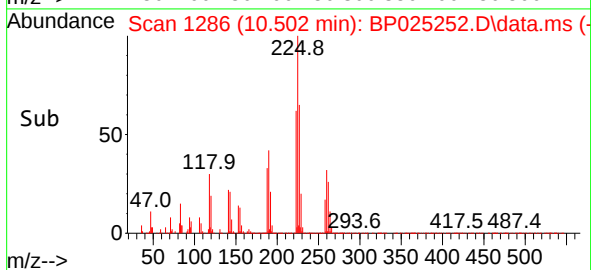
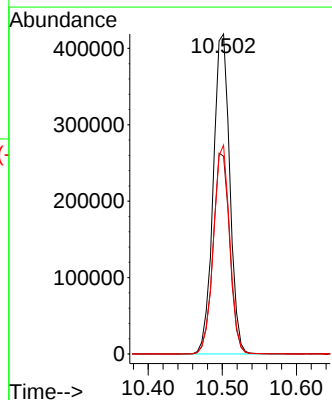
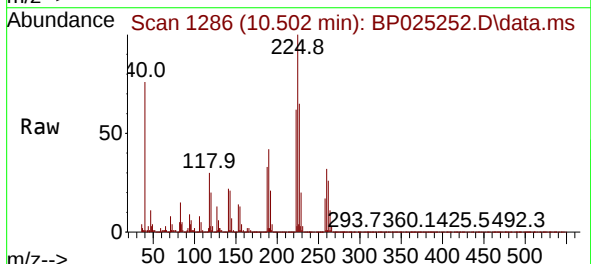
Instrument :
BNA_P
ClientSampleId :
PB168971BS

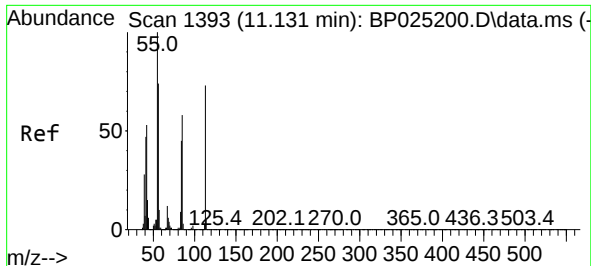
Tgt Ion:	127	Resp:	297590
Ion	Ratio	Lower	Upper
127	100		
129	42.1	25.9	38.9#
65	26.9	20.2	30.4
92	18.7	13.8	20.8



#34
Hexachlorobutadiene
Concen: 43.838 ng
RT: 10.502 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:	225	Resp:	648061
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	65.2	51.4	77.0

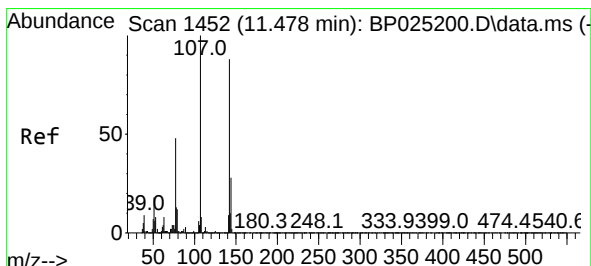
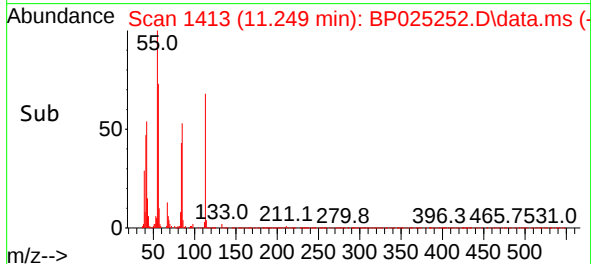
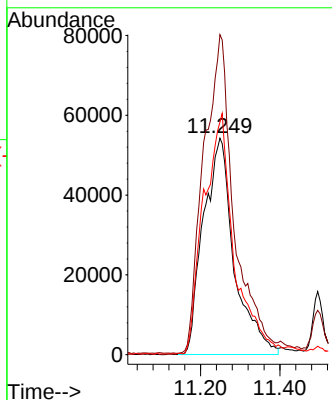
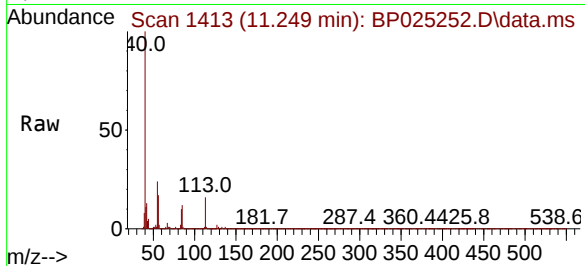




#35
Caprolactam
Concen: 39.159 ng
RT: 11.249 min Scan# 1413
Delta R.T. 0.088 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

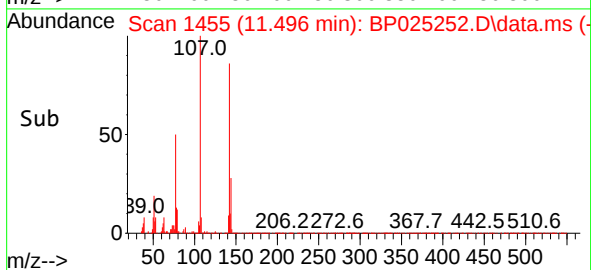
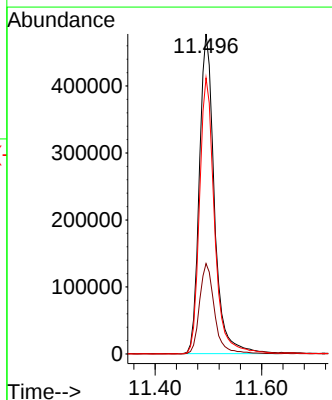
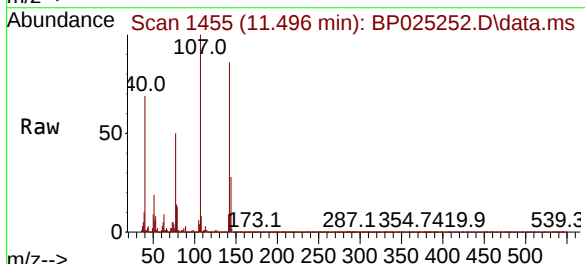
Instrument :
BNA_P
ClientSampleId :
PB168971BS

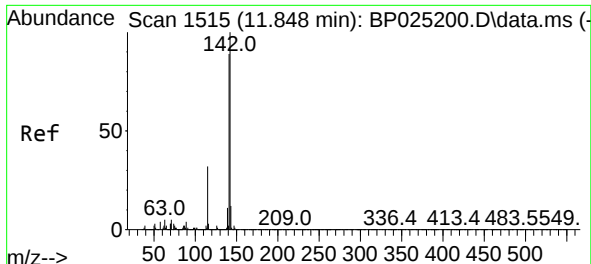
Tgt Ion:113 Resp: 292260
Ion Ratio Lower Upper
113 100
55 147.8 117.6 157.6
56 107.5 82.4 122.4



#36
4-Chloro-3-methylphenol
Concen: 41.642 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:107 Resp: 936086
Ion Ratio Lower Upper
107 100
144 28.2 22.5 33.7
142 86.3 70.6 105.8

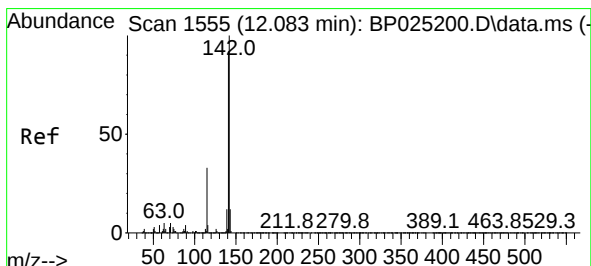
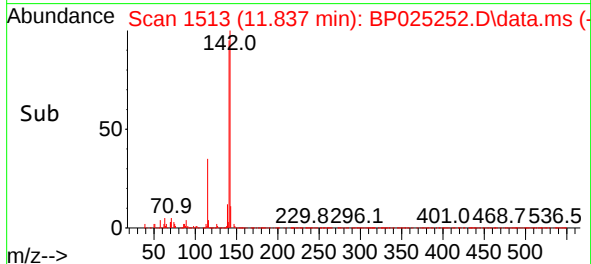
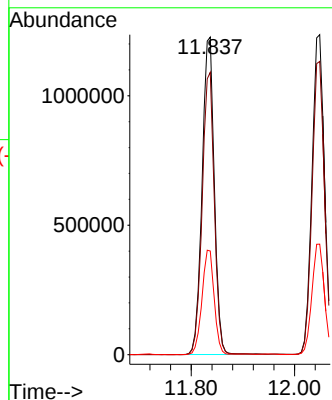
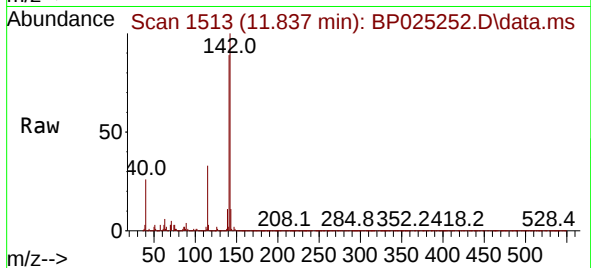




#37
2-Methylnaphthalene
Concen: 42.661 ng
RT: 11.837 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

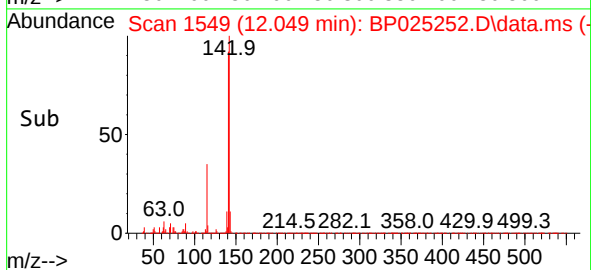
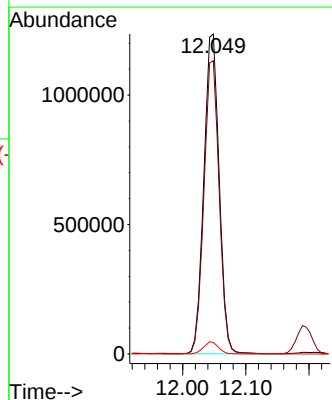
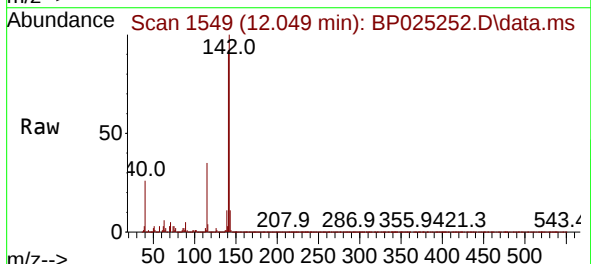
Instrument :
BNA_P
ClientSampleId :
PB168971BS

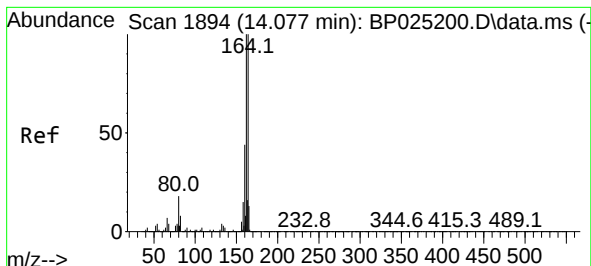
Tgt Ion:142 Resp: 2013044
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 32.7 25.3 37.9



#38
1-Methylnaphthalene
Concen: 41.841 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:142 Resp: 2073947
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.048 min Scan# 1889

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

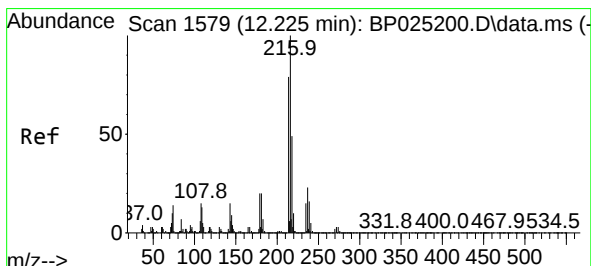
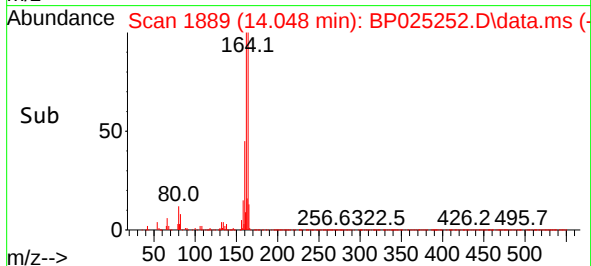
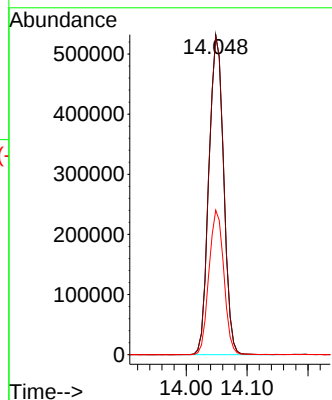
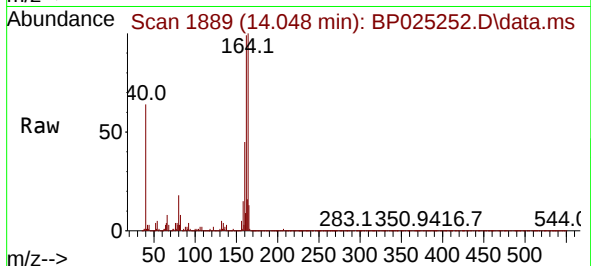
Tgt Ion:164 Resp: 892276

Ion Ratio Lower Upper

164 100

162 99.5 80.3 120.5

160 45.1 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.797 ng

RT: 12.213 min Scan# 1577

Delta R.T. 0.012 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Tgt Ion:216 Resp: 1198129

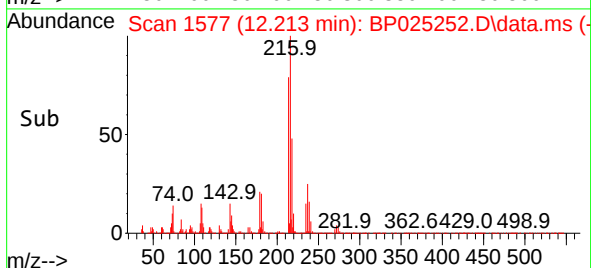
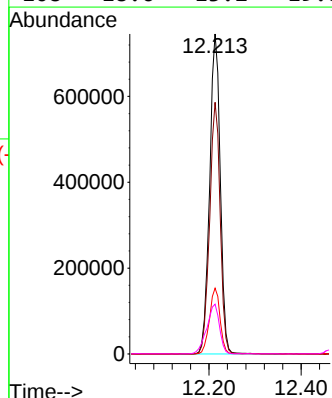
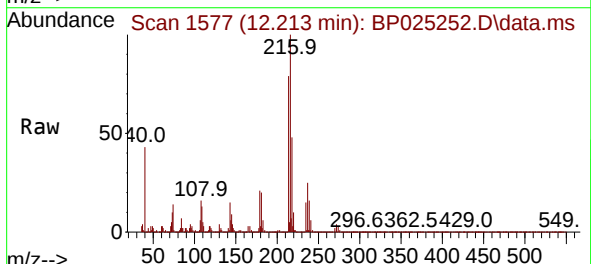
Ion Ratio Lower Upper

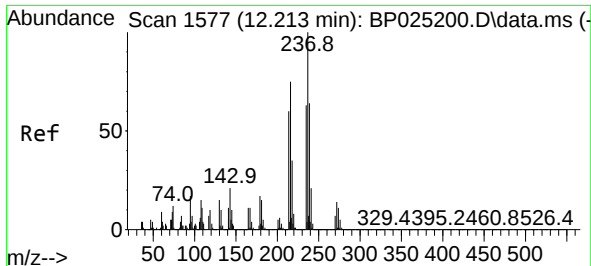
216 100

214 78.0 62.7 94.1

179 20.4 16.2 24.4

108 18.6 13.2 19.8

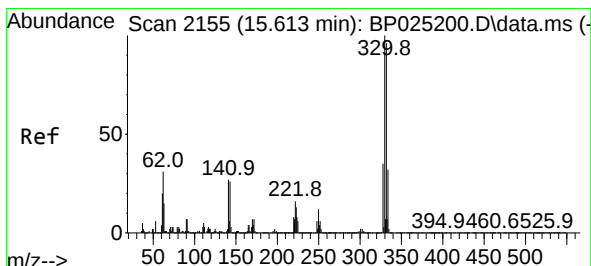
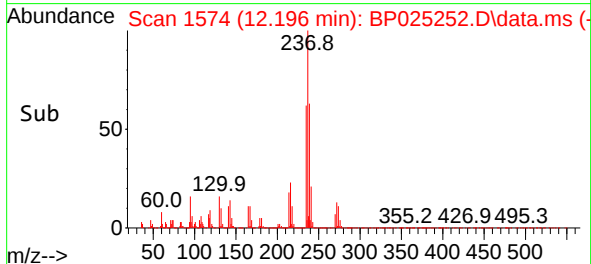
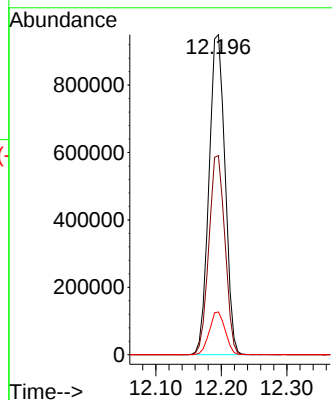
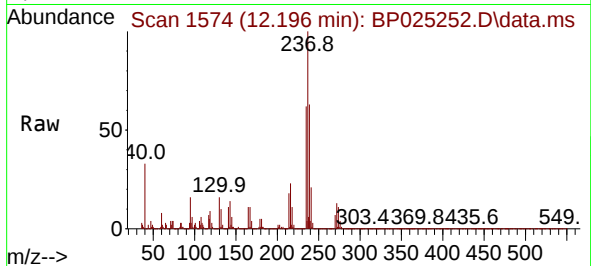




#41
Hexachlorocyclopentadiene
Concen: 101.280 ng
RT: 12.196 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

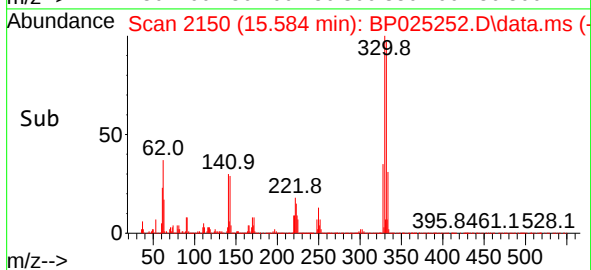
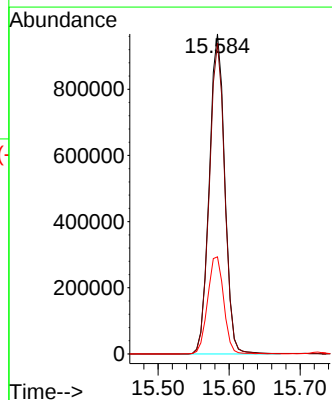
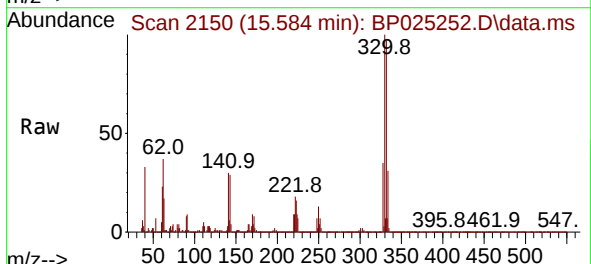
Instrument :
BNA_P
ClientSampleId :
PB168971BS

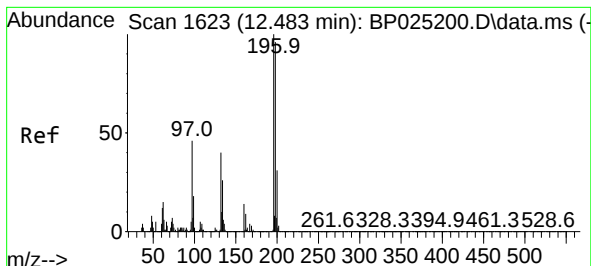
Tgt Ion:237 Resp: 1617016
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 111.382 ng
RT: 15.584 min Scan# 2150
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:330 Resp: 1465127
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.7 22.4 33.6





#43

2,4,6-Trichlorophenol

Concen: 43.064 ng

RT: 12.466 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

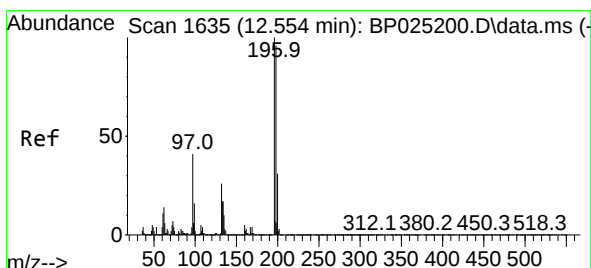
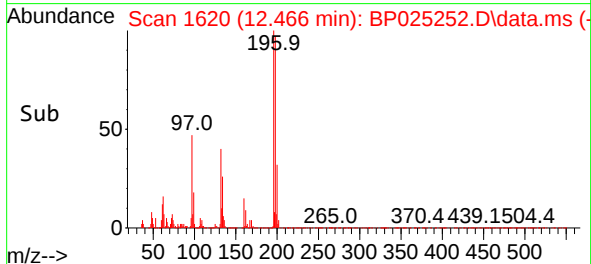
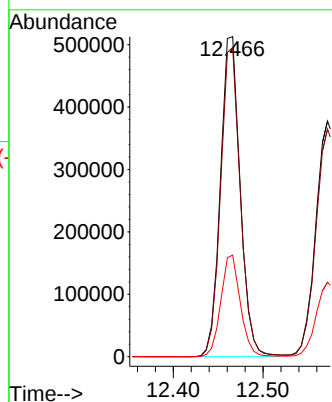
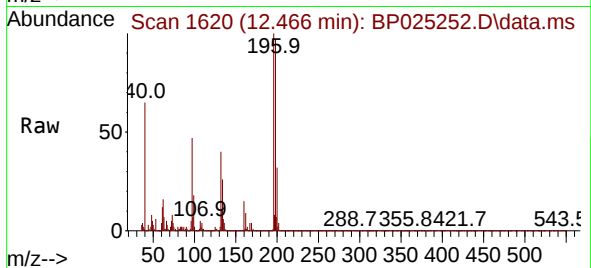
Tgt Ion:196 Resp: 786980

Ion Ratio Lower Upper

196 100

198 96.7 76.6 114.8

200 31.8 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 42.947 ng

RT: 12.572 min Scan# 1638

Delta R.T. 0.012 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Tgt Ion:196 Resp: 863684

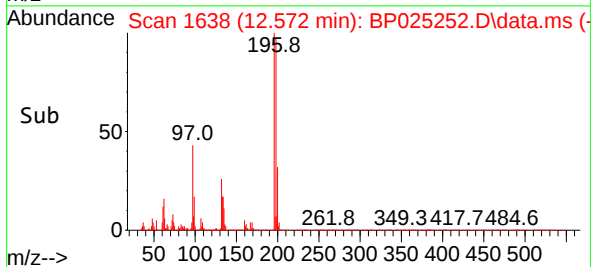
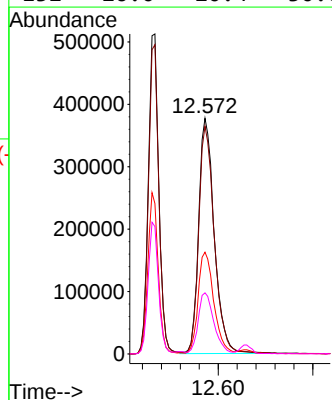
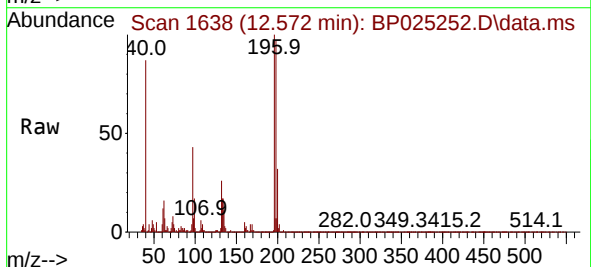
Ion Ratio Lower Upper

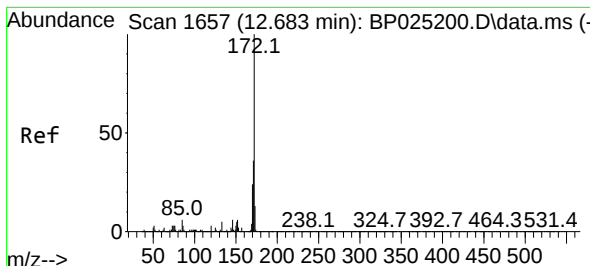
196 100

198 96.6 76.7 115.1

97 43.2 33.0 49.4

132 26.0 20.4 30.6





#45

2-Fluorobiphenyl

Concen: 77.987 ng

RT: 12.660 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

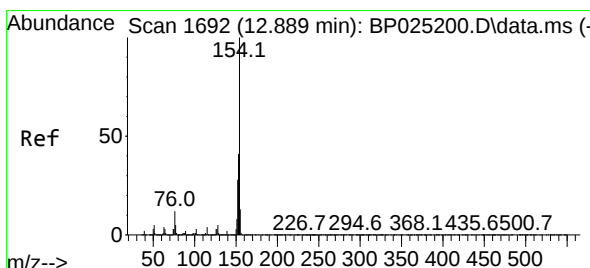
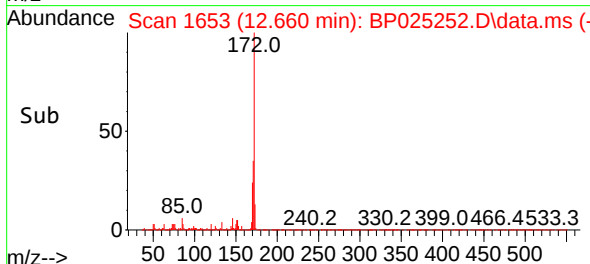
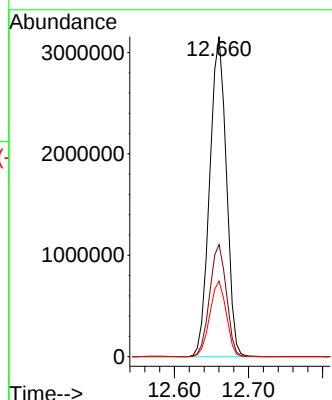
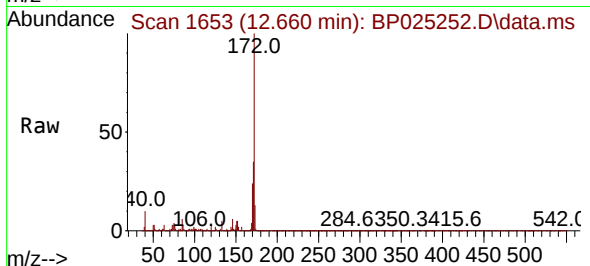
Tgt Ion:172 Resp: 4935797

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.6 19.2 28.8



#46

1,1'-Biphenyl

Concen: 44.209 ng

RT: 12.860 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

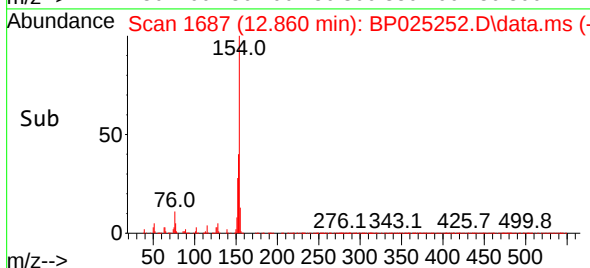
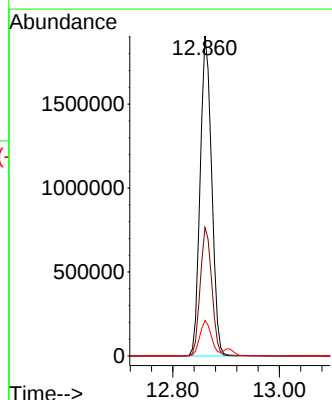
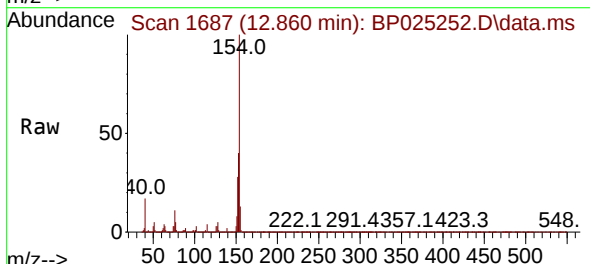
Tgt Ion:154 Resp: 2859569

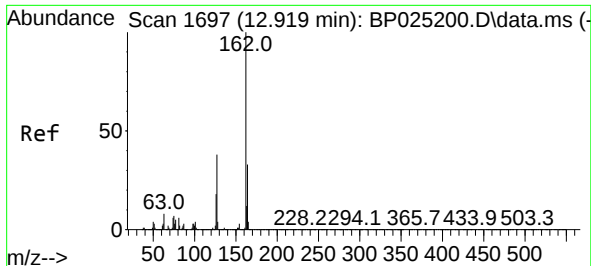
Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

76 11.1 0.0 31.6

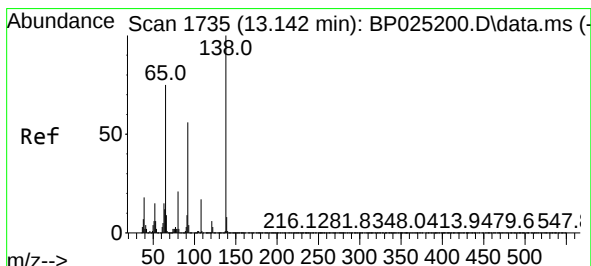
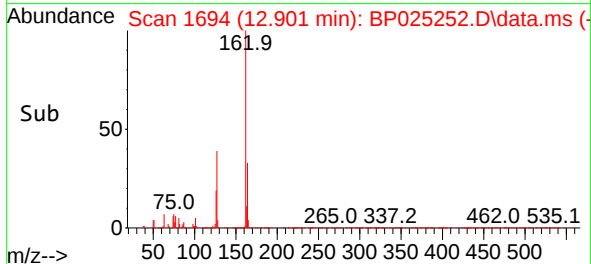
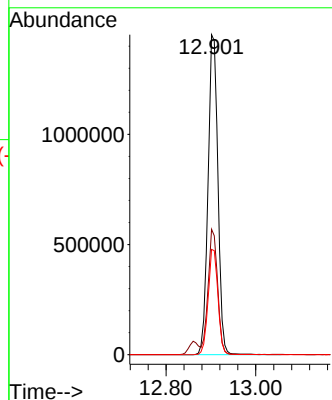
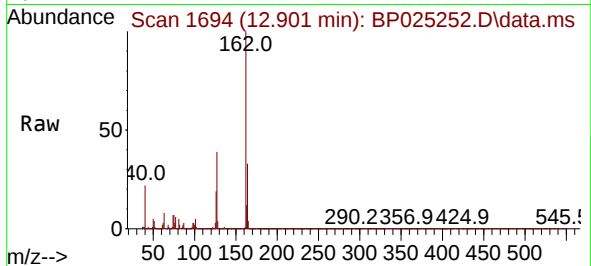




#47
2-Chloronaphthalene
Concen: 43.824 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

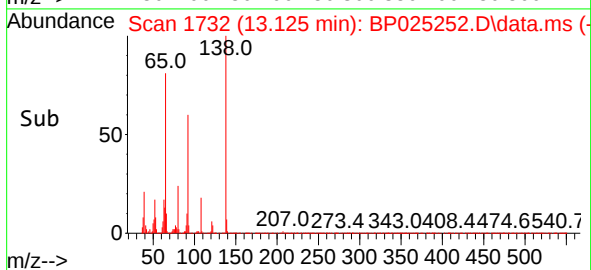
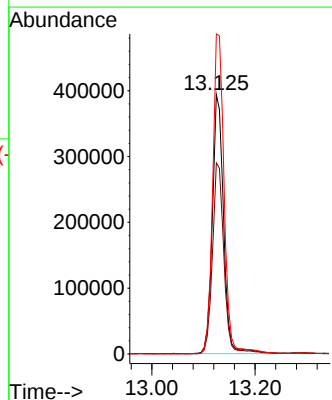
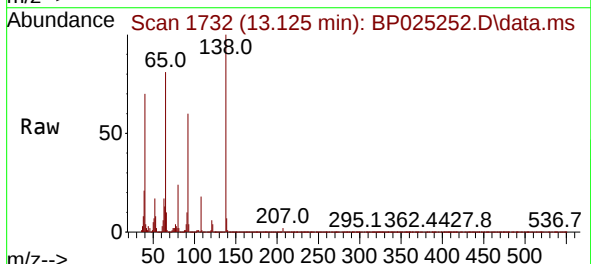
Instrument :
BNA_P
ClientSampleId :
PB168971BS

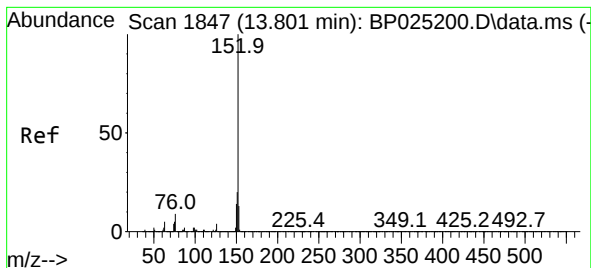
Tgt Ion:162 Resp: 2213087
Ion Ratio Lower Upper
162 100
127 39.2 30.1 45.1
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 46.095 ng
RT: 13.125 min Scan# 1732
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion: 65 Resp: 594463
Ion Ratio Lower Upper
65 100
92 73.7 59.9 89.9
138 123.3 107.1 160.7





#49

Acenaphthylene

Concen: 44.629 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

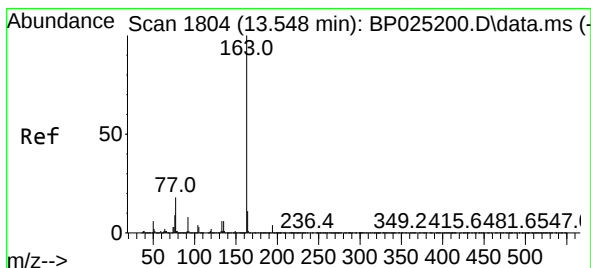
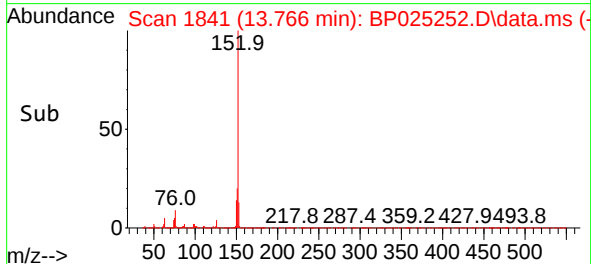
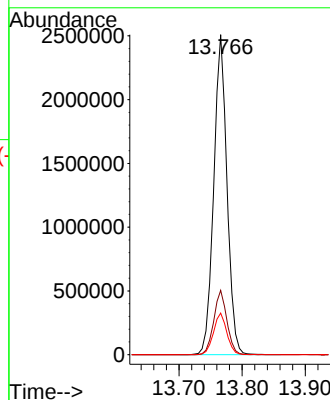
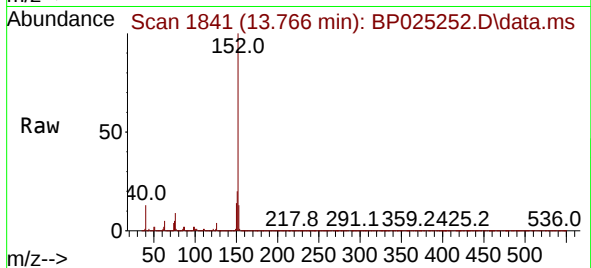
Tgt Ion:152 Resp: 3645280

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 43.471 ng

RT: 13.525 min Scan# 1800

Delta R.T. 0.012 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

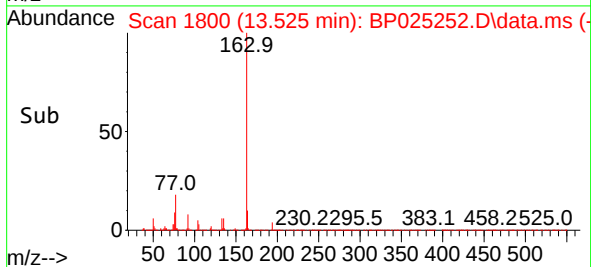
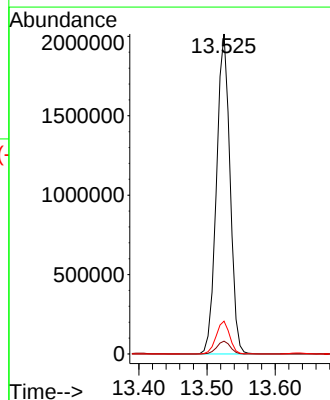
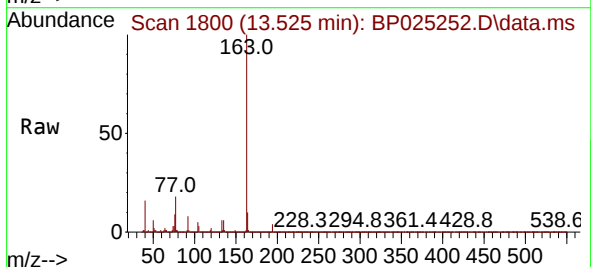
Tgt Ion:163 Resp: 2774002

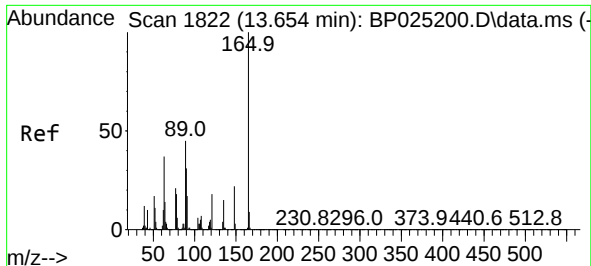
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.5 12.7

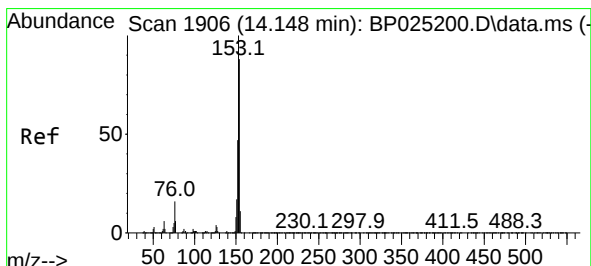
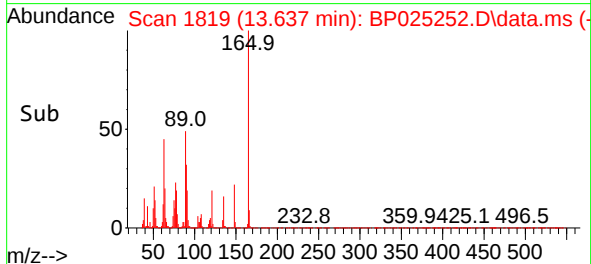
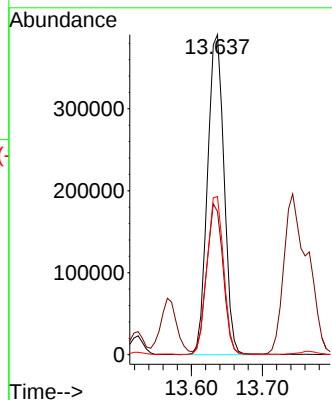
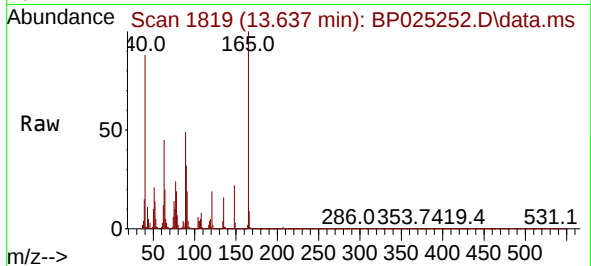




#51
2,6-Dinitrotoluene
Concen: 45.593 ng
RT: 13.637 min Scan# 1819
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

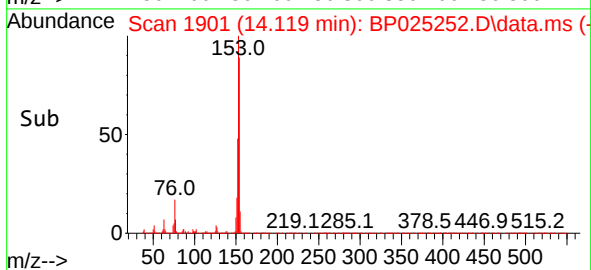
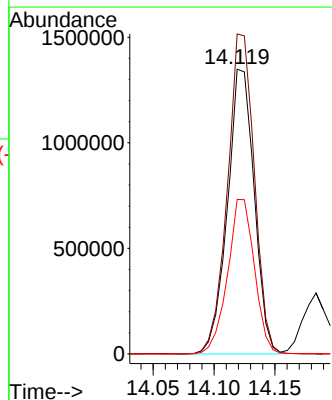
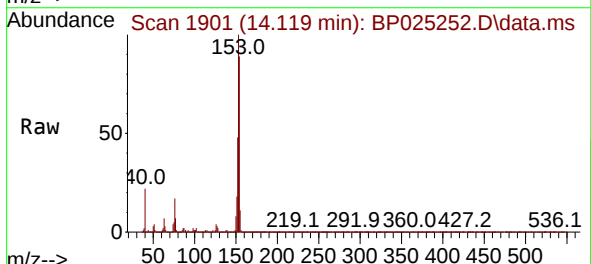
Instrument :
BNA_P
ClientSampleId :
PB168971BS

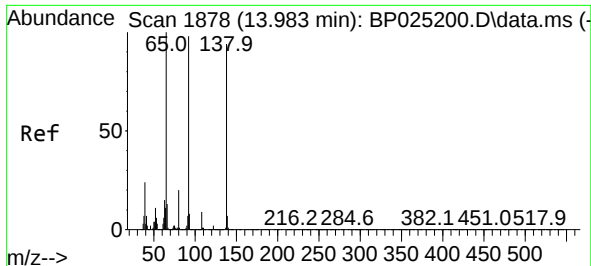
Tgt Ion:165 Resp: 632174
Ion Ratio Lower Upper
165 100
63 44.7 33.4 50.2
89 49.4 36.3 54.5



#52
Acenaphthene
Concen: 43.801 ng
RT: 14.119 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:154 Resp: 2068812
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 54.3 42.9 64.3

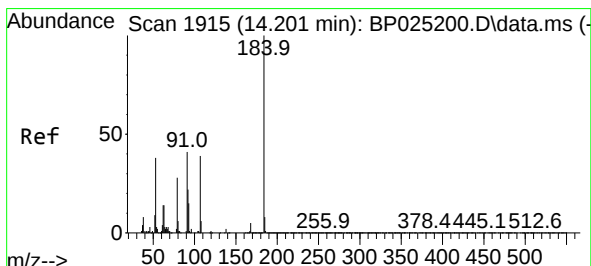
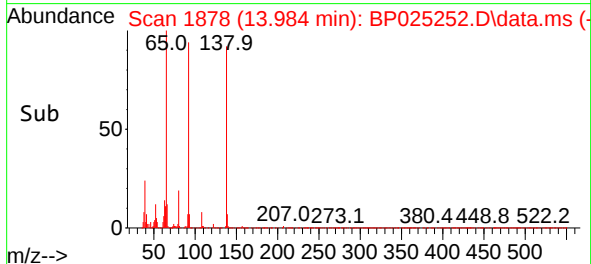
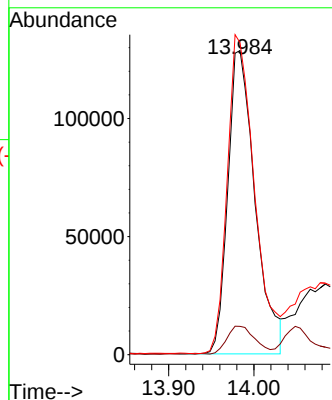
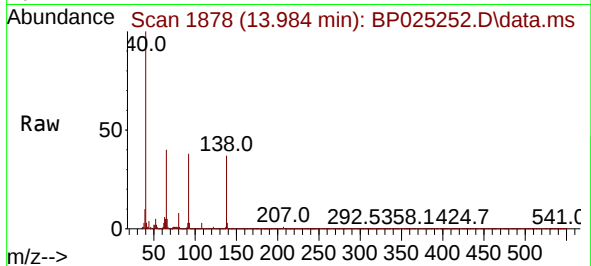




#53
3-Nitroaniline
Concen: 18.264 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

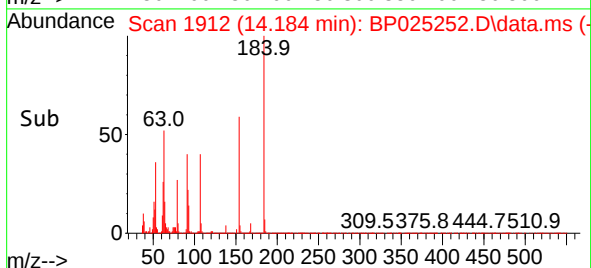
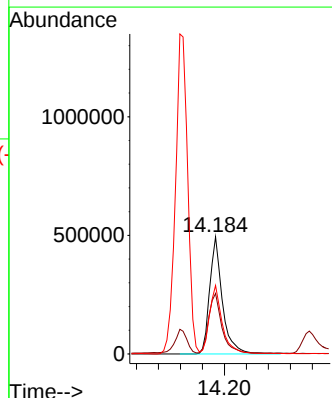
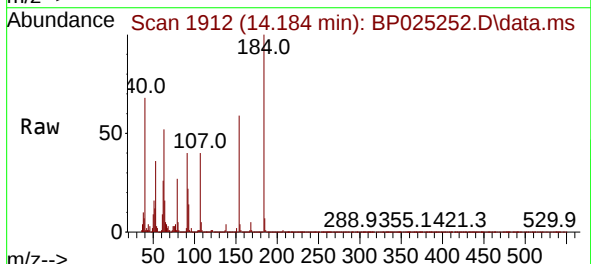
Instrument :
BNA_P
ClientSampleId :
PB168971BS

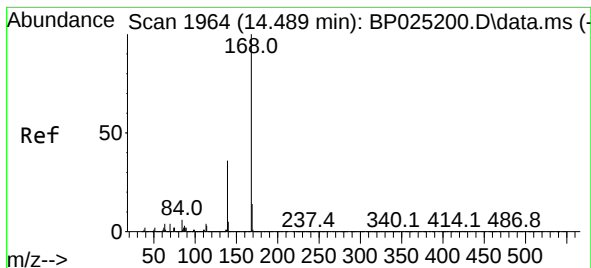
Tgt Ion:138 Resp: 285577
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 102.6 83.2 124.8



#54
2,4-Dinitrophenol
Concen: 96.889 ng
RT: 14.184 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:184 Resp: 795963
Ion Ratio Lower Upper
184 100
63 51.7 41.8 62.8
154 58.5 45.7 68.5





#55

Dibenzenofuran

Concen: 43.954 ng

RT: 14.466 min Scan# 1960

Delta R.T. 0.012 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

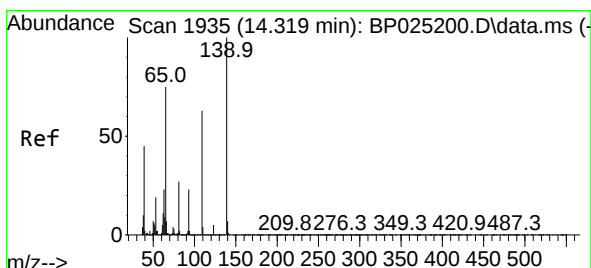
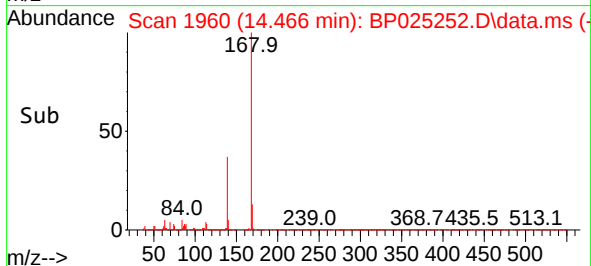
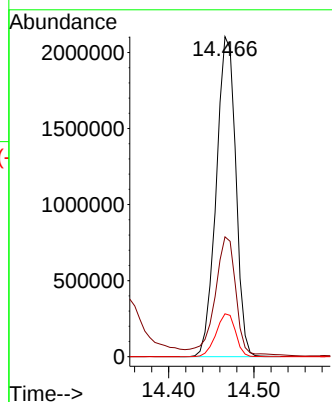
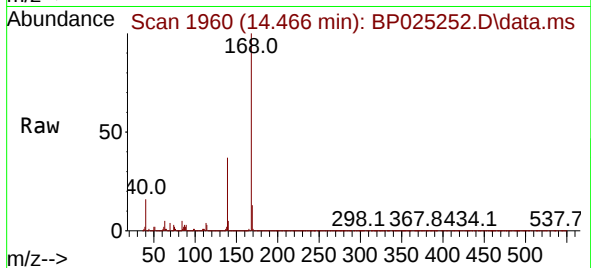
Tgt Ion:168 Resp: 3353416

Ion Ratio Lower Upper

168 100

139 37.5 28.7 43.1

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 61.944 ng

RT: 14.354 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

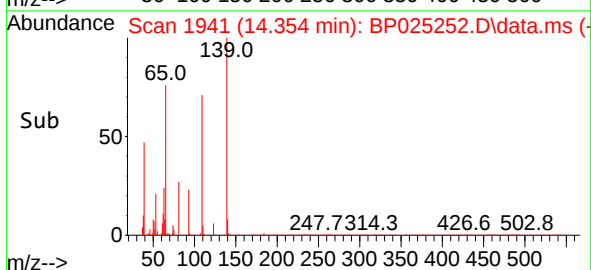
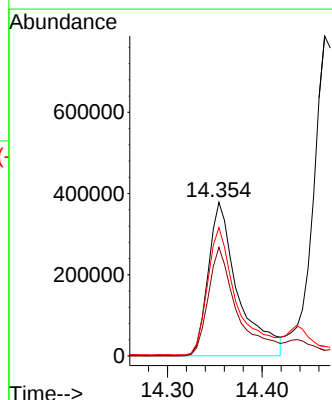
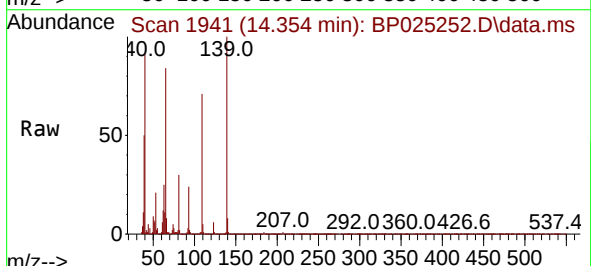
Tgt Ion:139 Resp: 828799

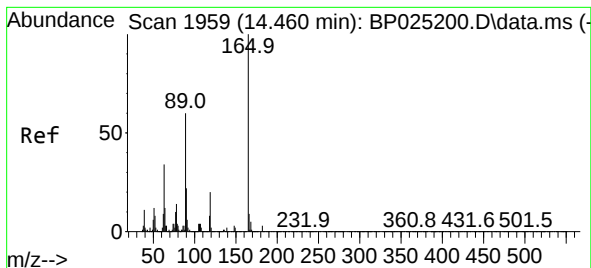
Ion Ratio Lower Upper

139 100

109 70.8 42.6 82.6

65 83.6 55.4 95.4

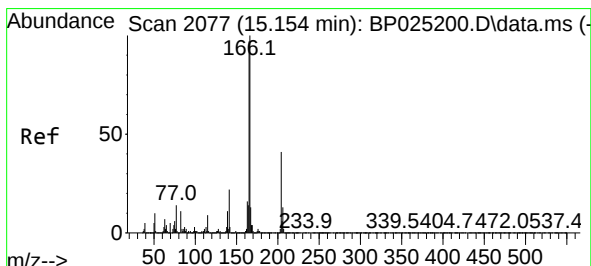
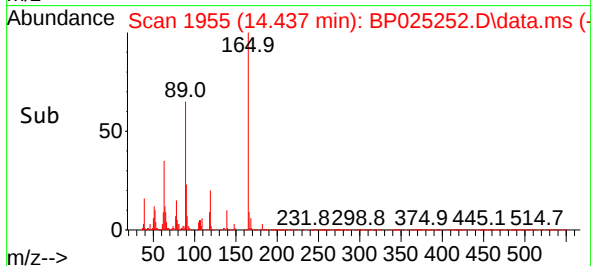
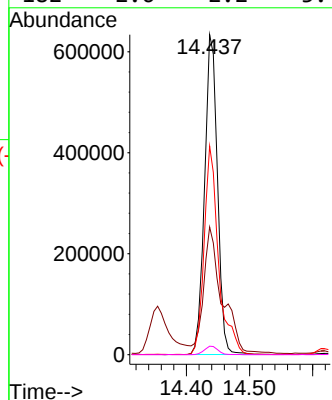
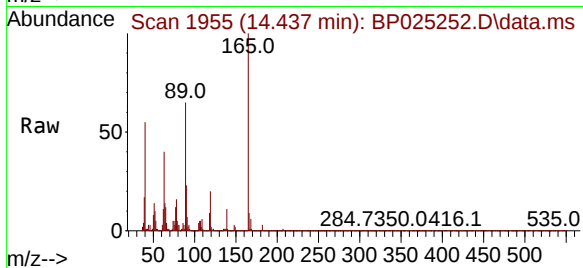




#57
2,4-Dinitrotoluene
Concen: 46.368 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

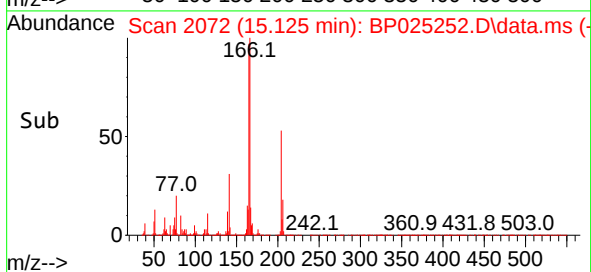
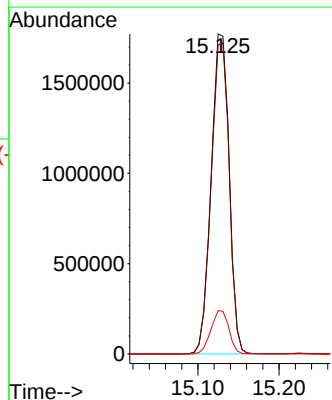
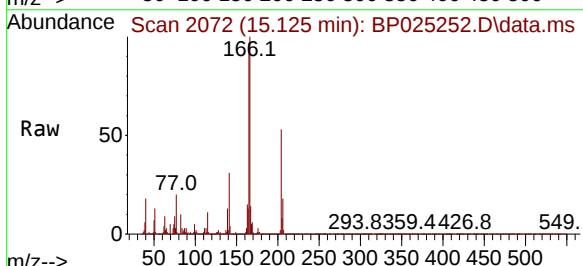
Instrument :
BNA_P
ClientSampleId :
PB168971BS

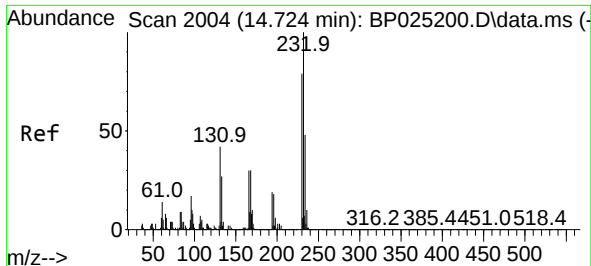
Tgt Ion:	165	Resp:	899952
Ion	Ratio	Lower	Upper
165	100		
63	39.9	27.0	40.4
89	65.2	47.8	71.6
182	2.6	2.2	3.4



#58
Fluorene
Concen: 45.138 ng
RT: 15.125 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:	166	Resp:	2733942
Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.0	117.0
167	13.6	10.7	16.1



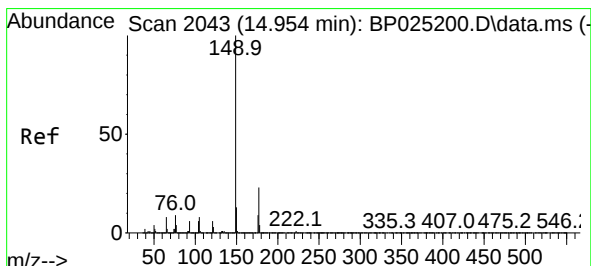
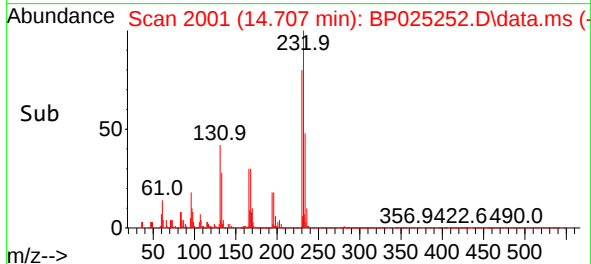
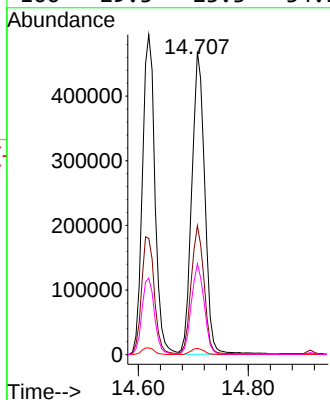
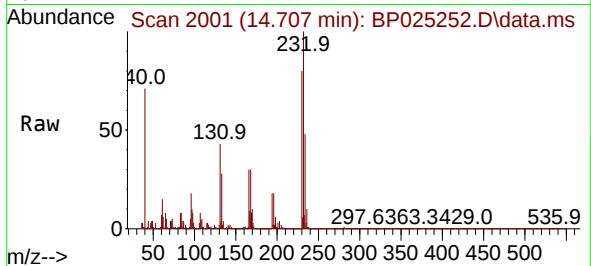


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.148 ng
RT: 14.707 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Instrument :
BNA_P
ClientSampleId :
PB168971BS

Tgt Ion:232 Resp: 767921

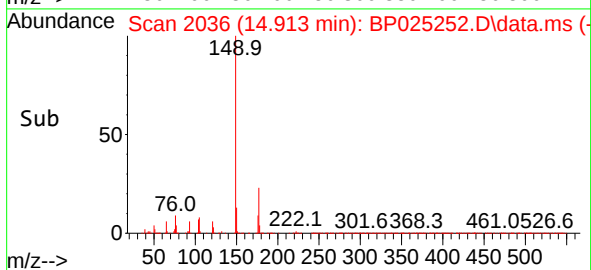
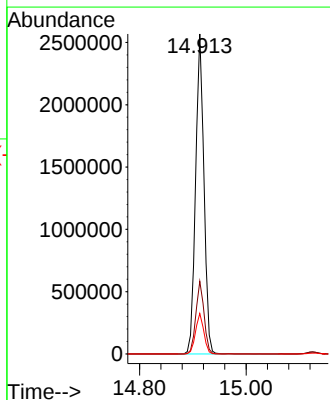
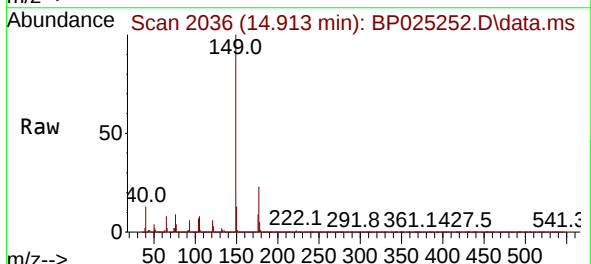
Ion	Ratio	Lower	Upper
232	100		
131	41.7	32.6	48.8
130	2.2	1.6	2.4
166	29.3	23.3	34.9

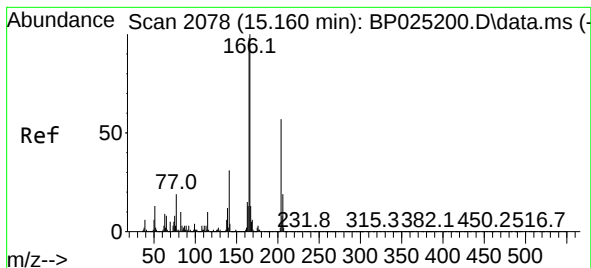


#60
Diethylphthalate
Concen: 44.510 ng
RT: 14.913 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:149 Resp: 2799451

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.4	27.6
150	12.7	10.0	15.0

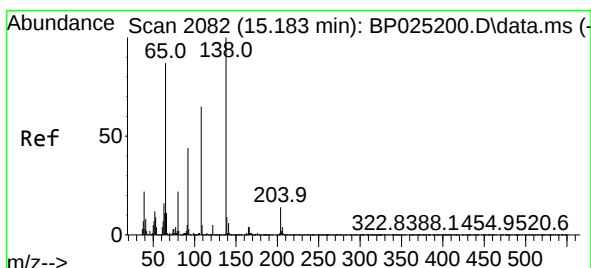
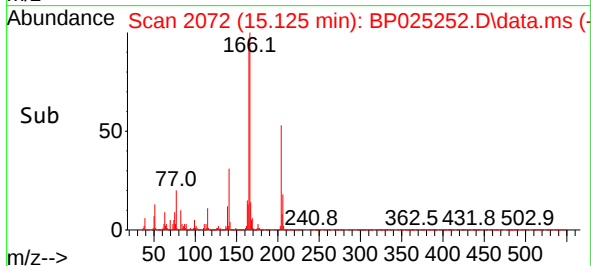
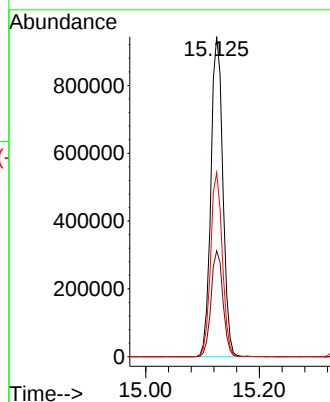
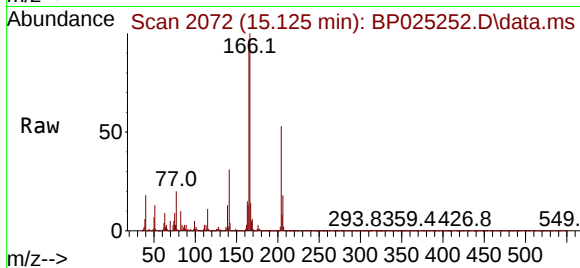




#61
4-Chlorophenyl-phenylether
Concen: 44.666 ng
RT: 15.125 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

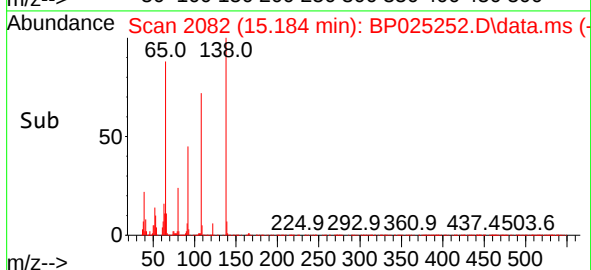
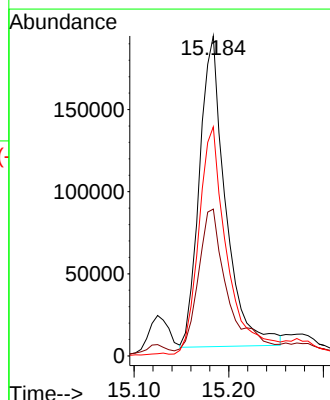
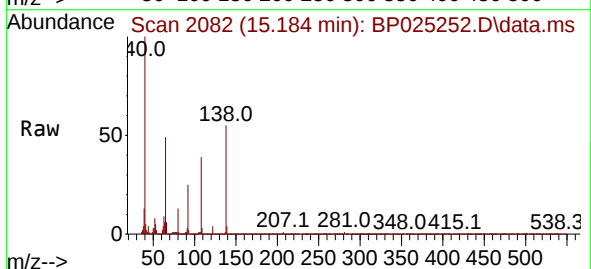
Instrument :
BNA_P
ClientSampleId :
PB168971BS

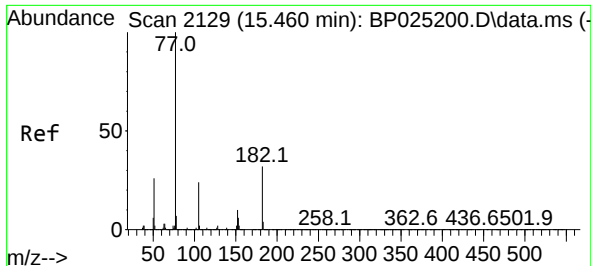
Tgt Ion:204 Resp: 1367048
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 57.5 43.0 64.6



#62
4-Nitroaniline
Concen: 22.682 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.023 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:138 Resp: 360685
Ion Ratio Lower Upper
138 100
92 45.9 24.0 64.0
108 71.6 44.9 84.9

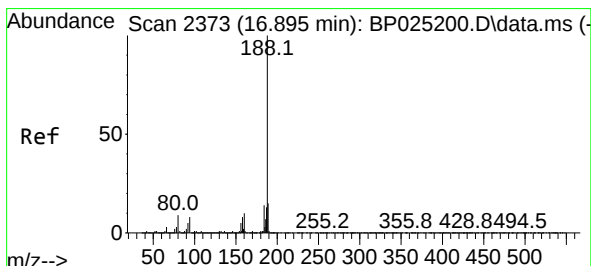
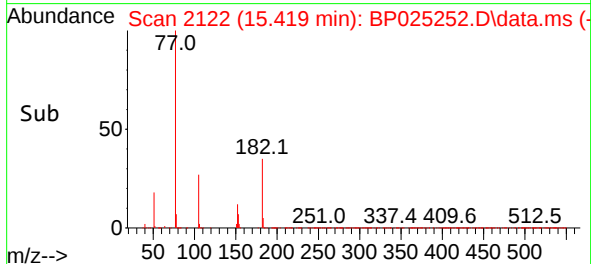
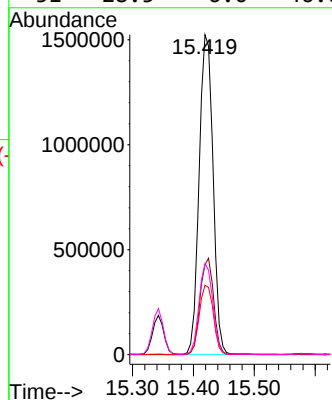
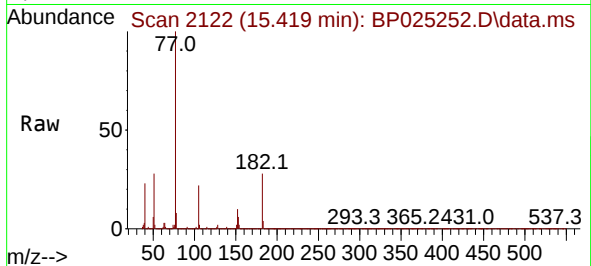




#63
Azobenzene
Concen: 47.089 ng
RT: 15.419 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

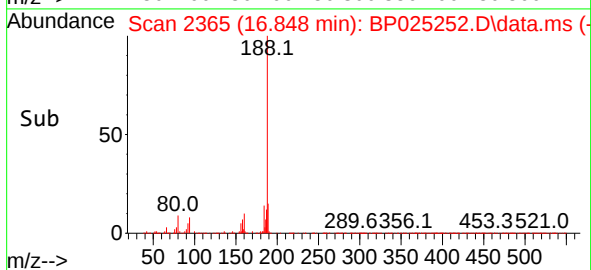
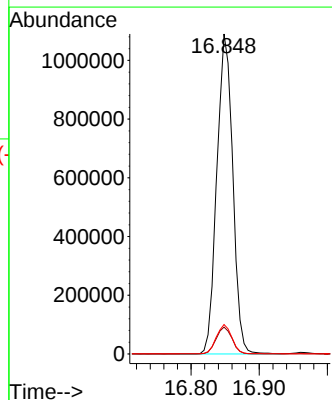
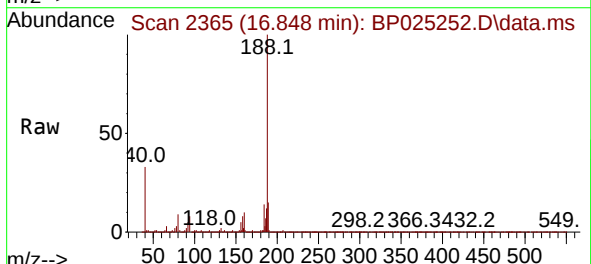
Instrument :
BNA_P
ClientSampleId :
PB168971BS

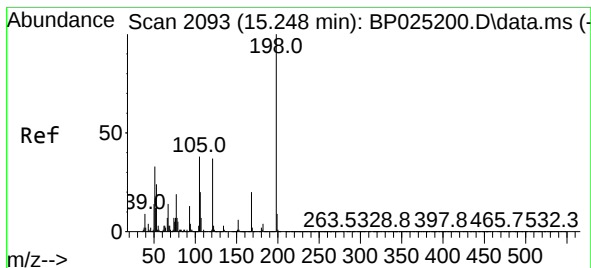
Tgt Ion: 77 Resp: 2413433
Ion Ratio Lower Upper
77 100
182 28.2 12.0 52.0
105 21.7 3.6 43.6
51 28.5 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:188 Resp: 1771801
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.2 7.3 10.9

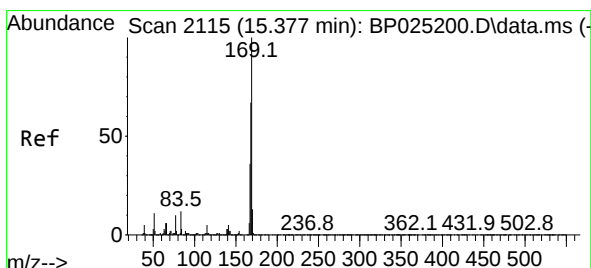
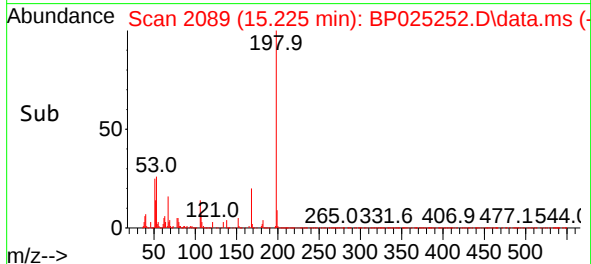
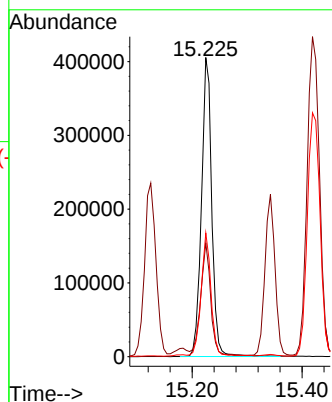
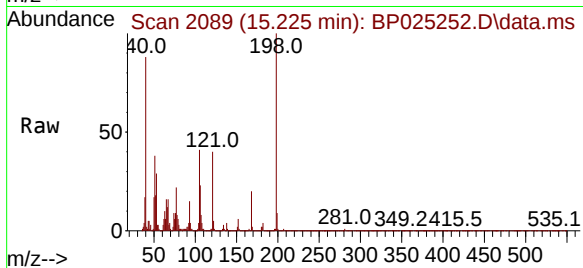




#65
4,6-Dinitro-2-methylphenol
Concen: 46.330 ng
RT: 15.225 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

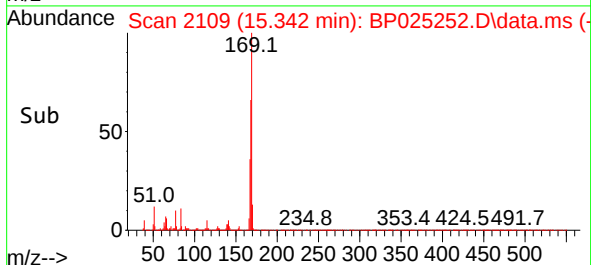
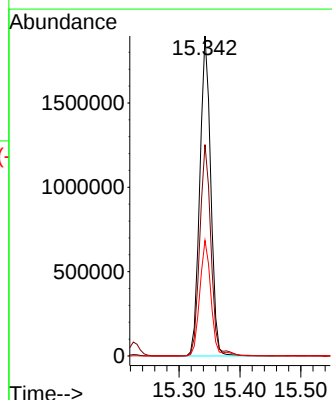
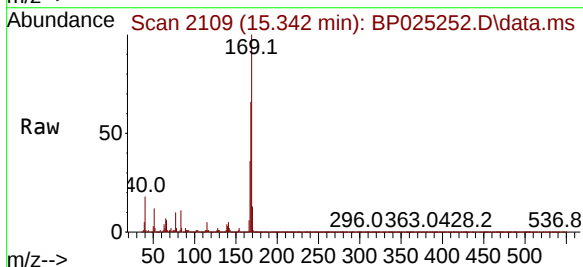
Instrument :
BNA_P
ClientSampleId :
PB168971BS

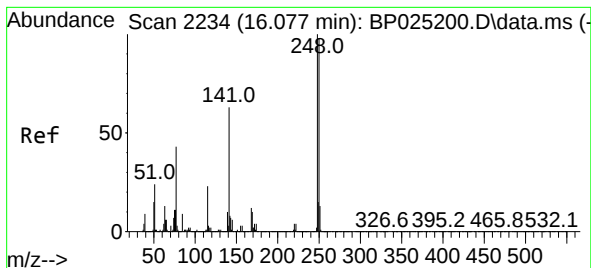
Tgt Ion:198 Resp: 529753
Ion Ratio Lower Upper
198 100
51 38.0 14.6 54.6
105 41.3 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 44.014 ng
RT: 15.342 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:169 Resp: 2367004
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 36.1 29.0 43.6

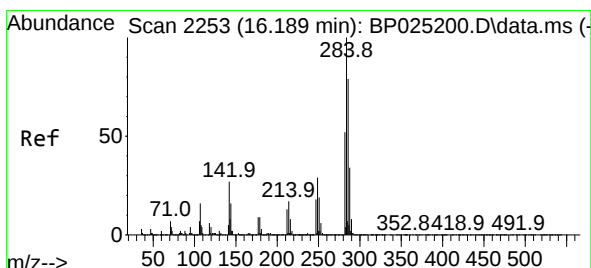
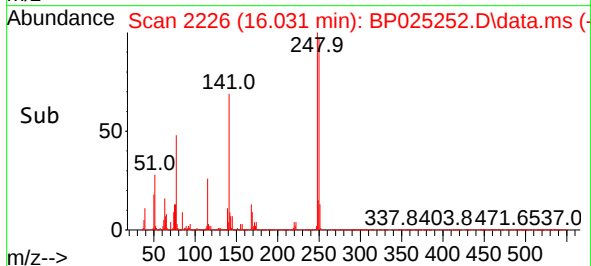
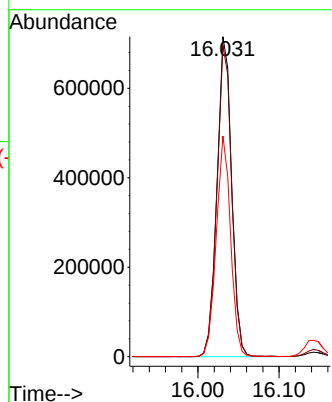
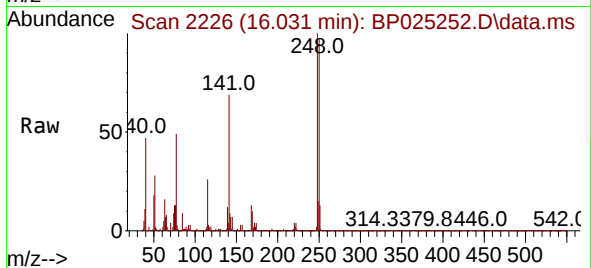




#67
4-Bromophenyl-phenylether
Concen: 43.513 ng
RT: 16.031 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

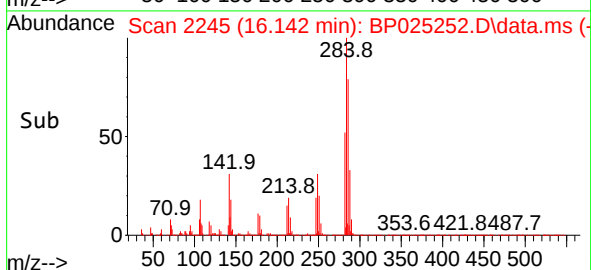
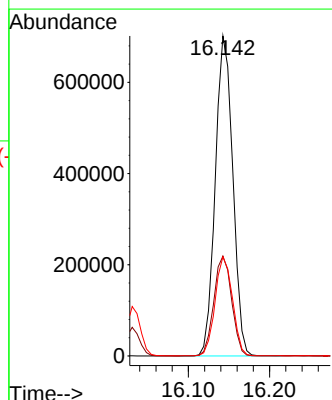
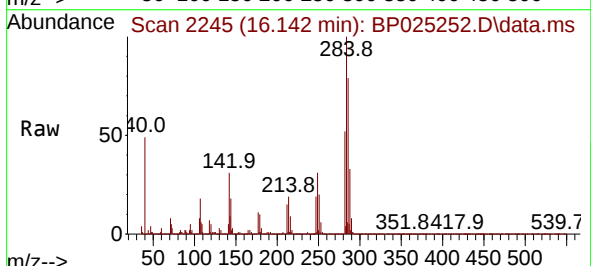
Instrument :
BNA_P
ClientSampleId :
PB168971BS

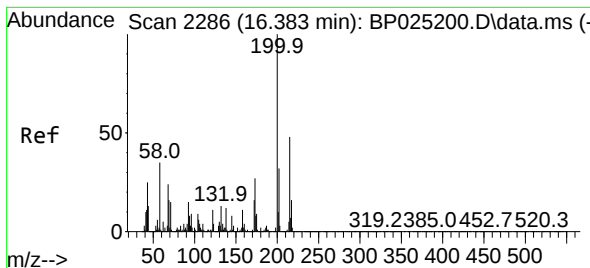
Tgt Ion:248 Resp: 899756
Ion Ratio Lower Upper
248 100
250 97.3 78.5 117.7
141 69.0 50.5 75.7



#68
Hexachlorobenzene
Concen: 42.785 ng
RT: 16.142 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:284 Resp: 1050650
Ion Ratio Lower Upper
284 100
142 31.2 21.5 32.3
249 31.0 23.4 35.0





#69

Atrazine

Concen: 39.665 ng

RT: 16.354 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

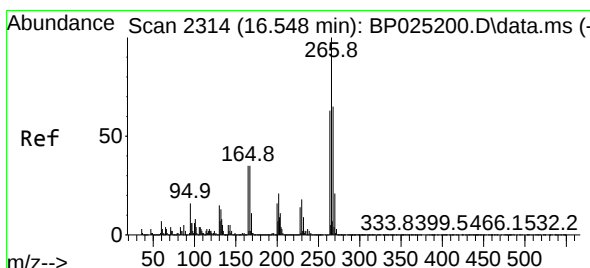
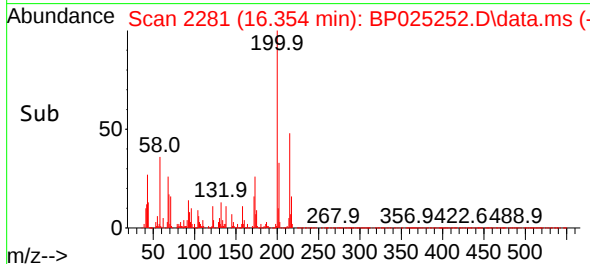
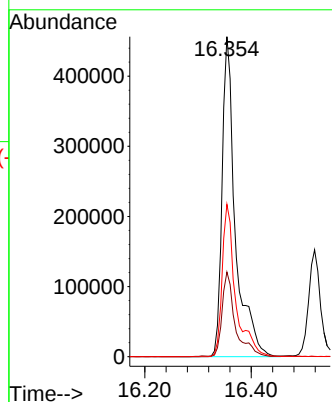
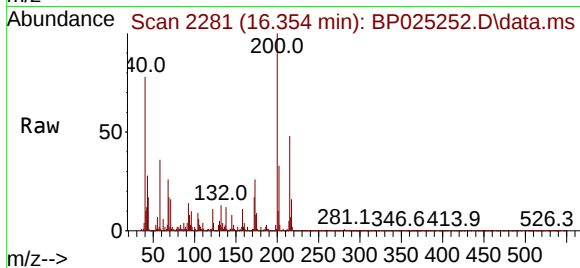
Tgt Ion:200 Resp: 789348

Ion Ratio Lower Upper

200 100

173 26.5 7.4 47.4

215 47.6 28.5 68.5



#70

Pentachlorophenol

Concen: 75.984 ng

RT: 16.519 min Scan# 2309

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

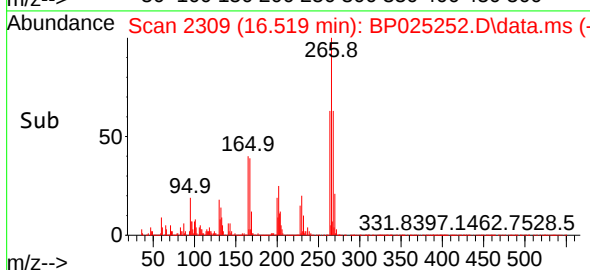
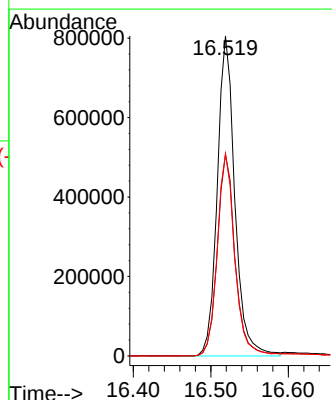
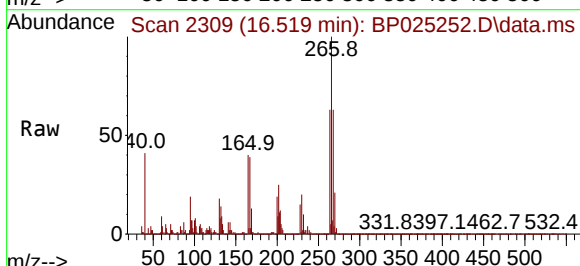
Tgt Ion:266 Resp: 1268842

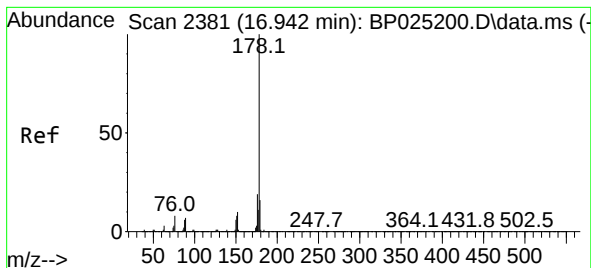
Ion Ratio Lower Upper

266 100

268 63.0 51.8 77.6

264 63.2 50.3 75.5





#71

Phenanthrene

Concen: 45.840 ng

RT: 16.901 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

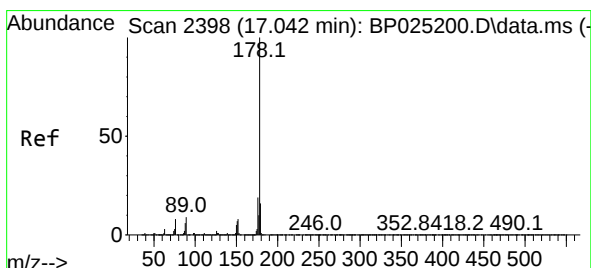
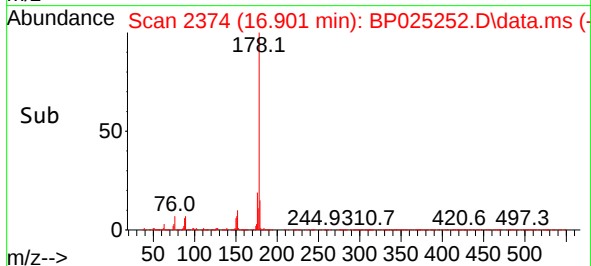
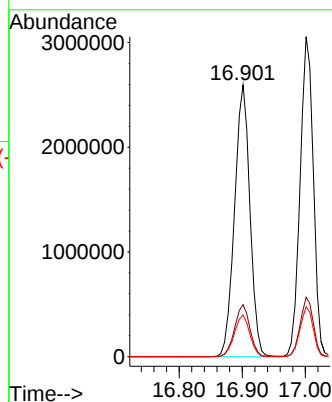
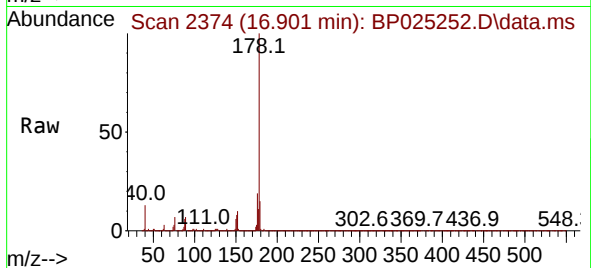
Tgt Ion:178 Resp: 4380531

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.3 12.5 18.7



#72

Anthracene

Concen: 46.364 ng

RT: 17.001 min Scan# 2391

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

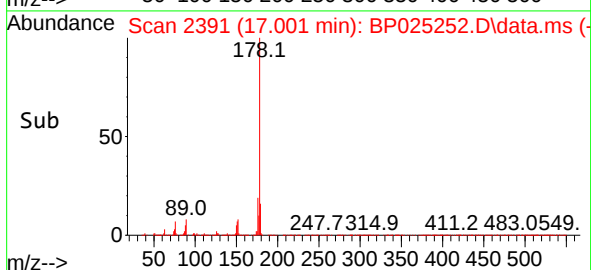
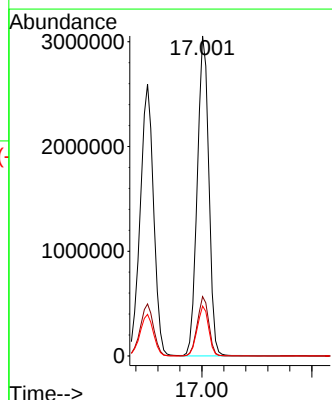
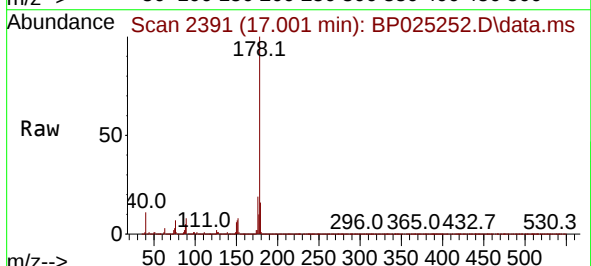
Tgt Ion:178 Resp: 4463465

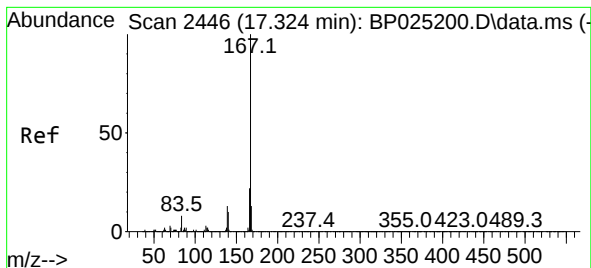
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.6 12.5 18.7





#73

Carbazole

Concen: 44.566 ng

RT: 17.289 min Scan# 2446

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

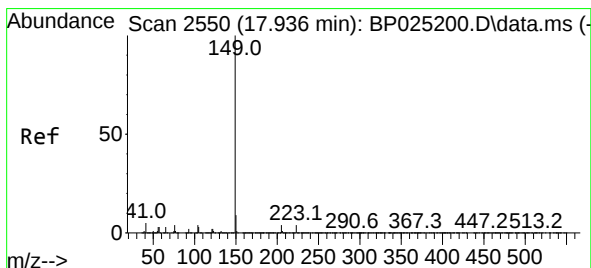
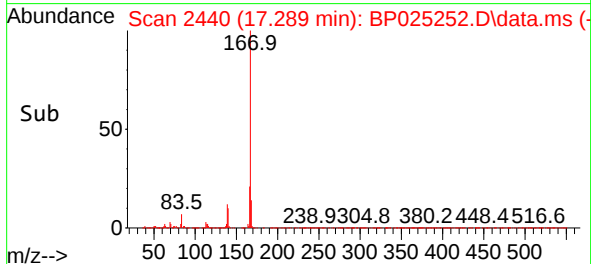
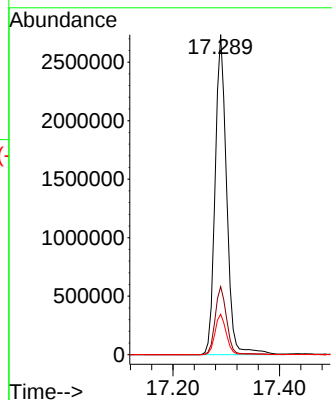
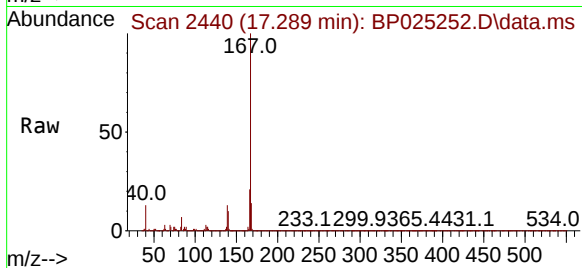
Tgt Ion:167 Resp: 4095591

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: 45.711 ng

RT: 17.889 min Scan# 2542

Delta R.T. 0.012 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

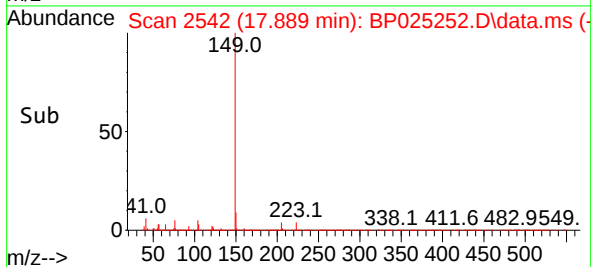
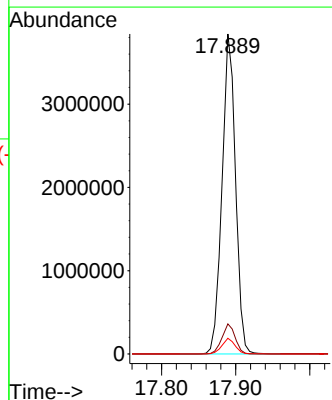
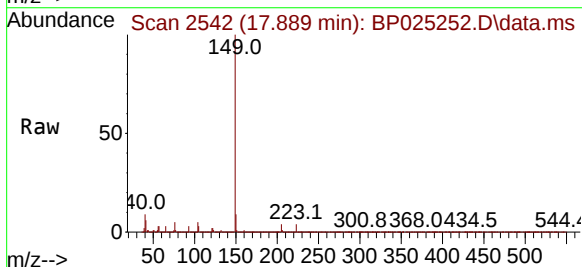
Tgt Ion:149 Resp: 4846997

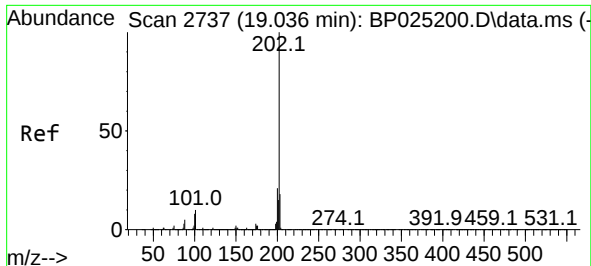
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.9 3.5 5.3

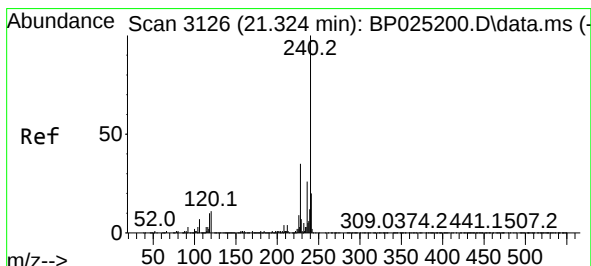
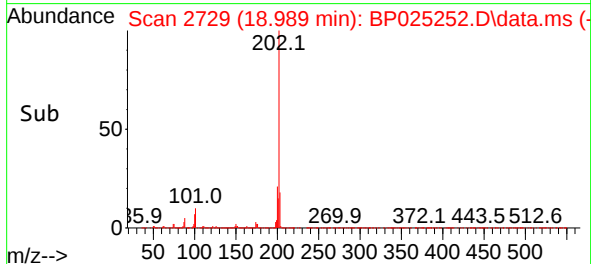
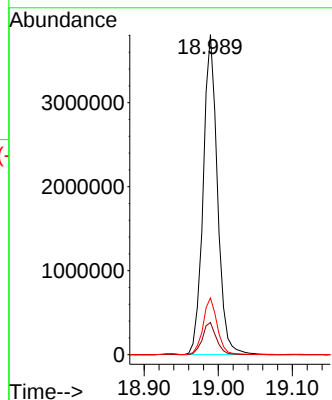
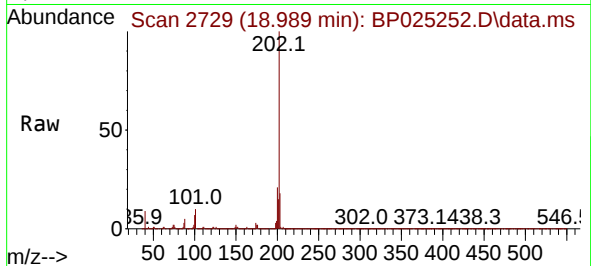




#75
Fluoranthene
Concen: 45.344 ng
RT: 18.989 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

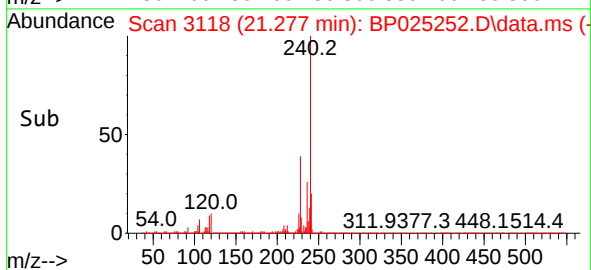
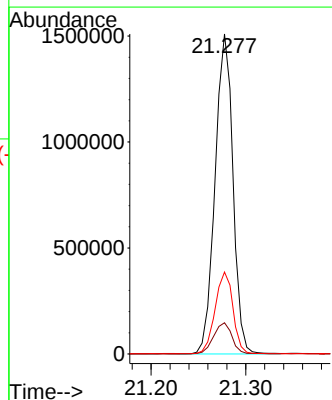
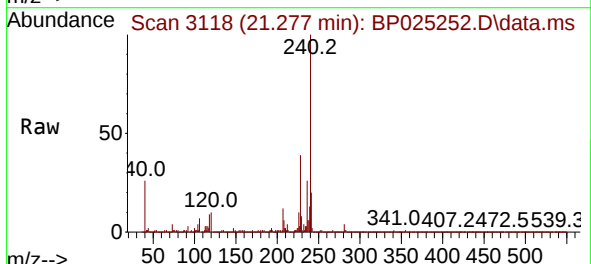
Instrument :
BNA_P
ClientSampleId :
PB168971BS

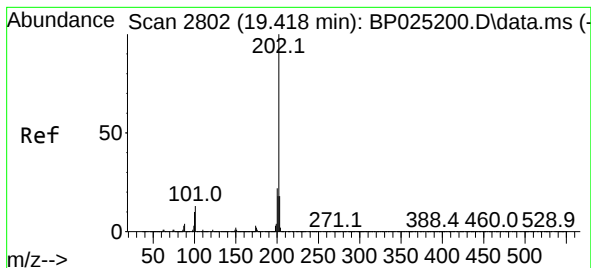
Tgt Ion:202 Resp: 5099802
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.3
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.277 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:240 Resp: 1982622
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 25.6 20.9 31.3





#78

Pyrene

Concen: 43.457 ng

RT: 19.366 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

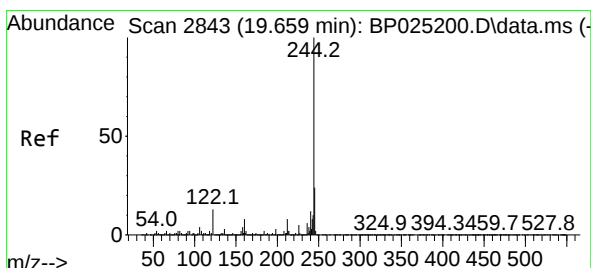
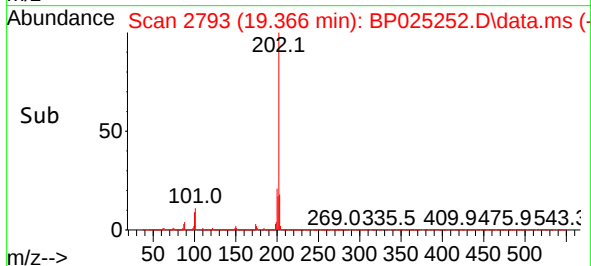
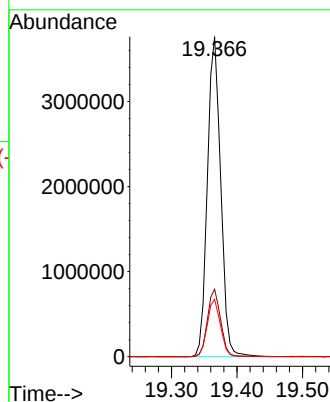
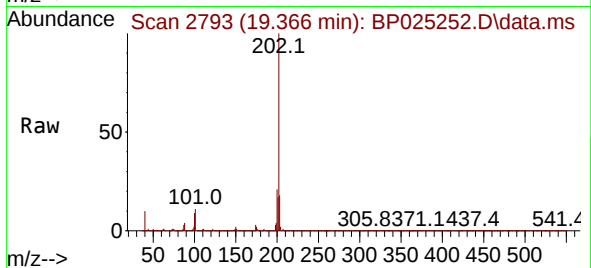
Tgt Ion:202 Resp: 5312461

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

203 17.9 14.3 21.5



#79

Terphenyl-d14

Concen: 80.430 ng

RT: 19.613 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

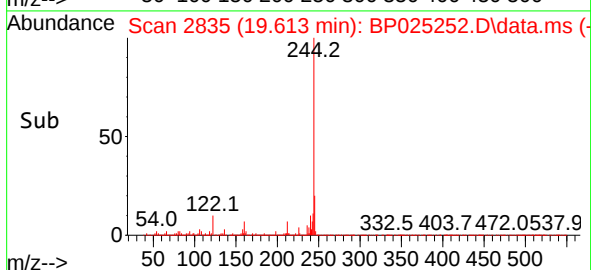
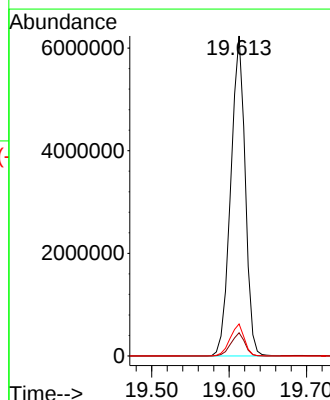
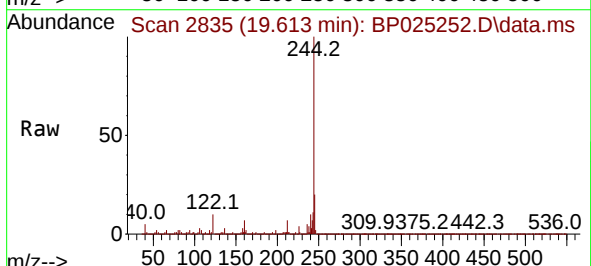
Tgt Ion:244 Resp: 8078063

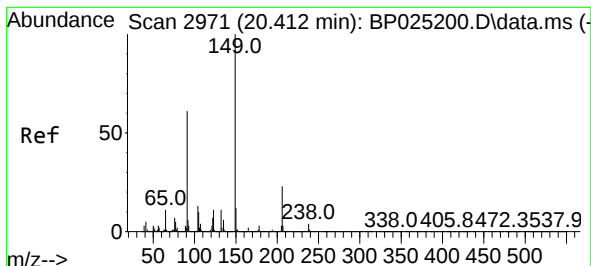
Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

122 10.0 10.3 15.5#





#80

Butylbenzylphthalate

Concen: 40.626 ng

RT: 20.354 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

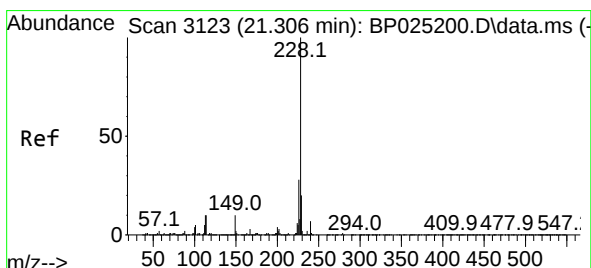
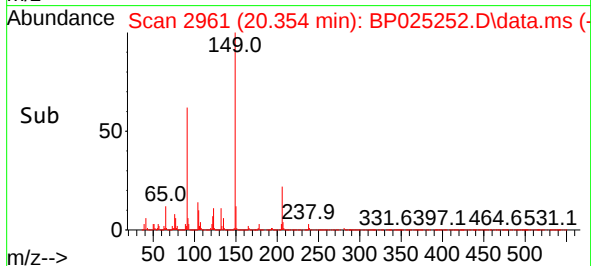
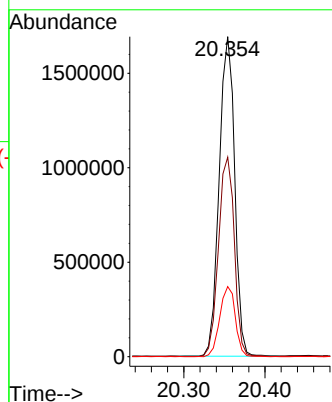
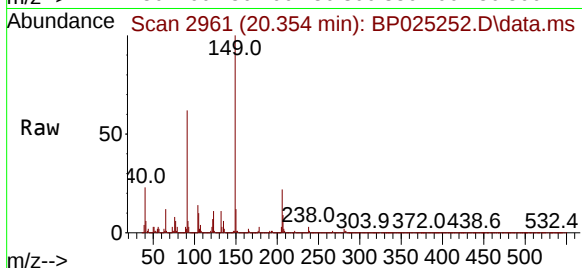
Tgt Ion:149 Resp: 2248070

Ion Ratio Lower Upper

149 100

91 62.3 48.8 73.2

206 21.9 18.4 27.6



#81

Benzo(a)anthracene

Concen: 44.943 ng

RT: 21.260 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

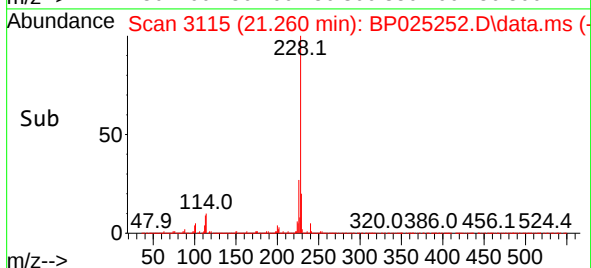
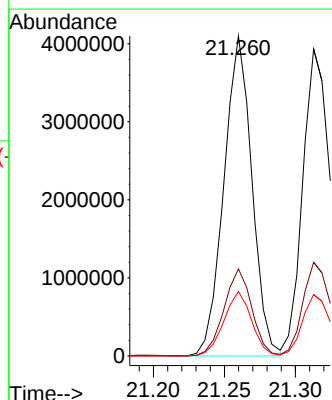
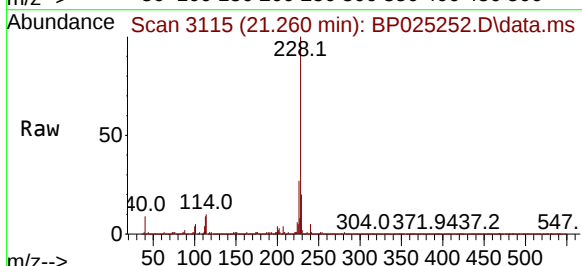
Tgt Ion:228 Resp: 5627098

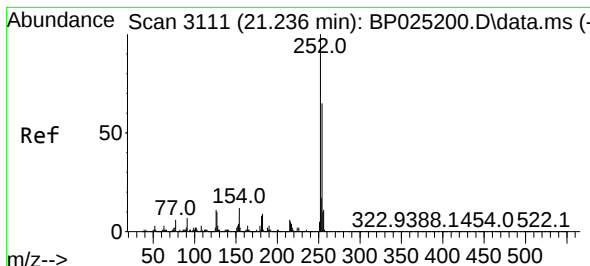
Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

229 20.1 16.2 24.2





#82

3,3'-Dichlorobenzidine

Concen: 21.440 ng

RT: 21.195 min Scan# 3111

Delta R.T. 0.018 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

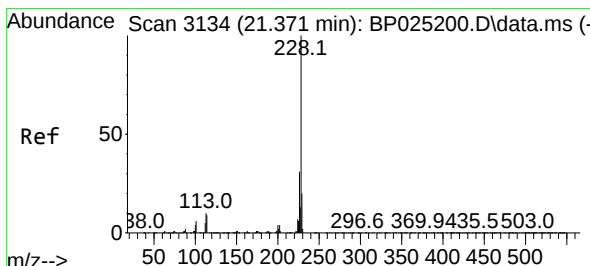
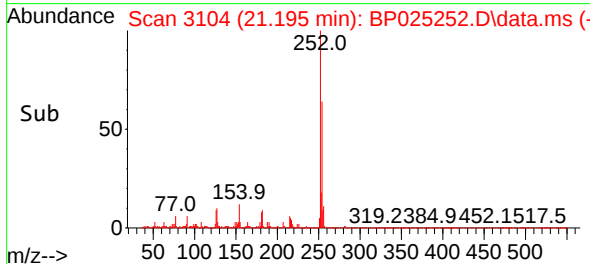
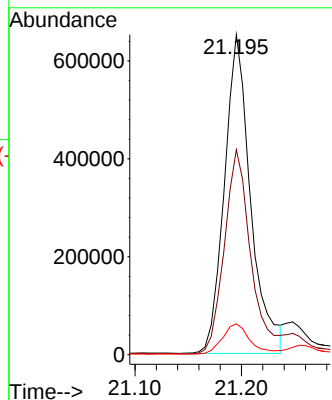
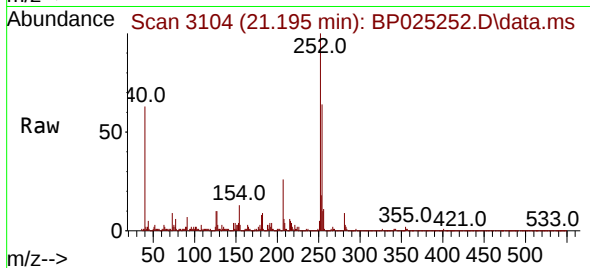
Tgt Ion:252 Resp: 1112715

Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

126 9.7 8.6 12.8



#83

Chrysene

Concen: 44.870 ng

RT: 21.313 min Scan# 3124

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

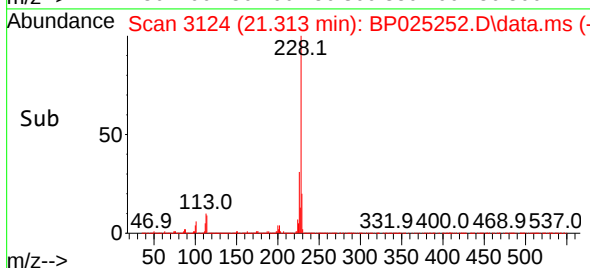
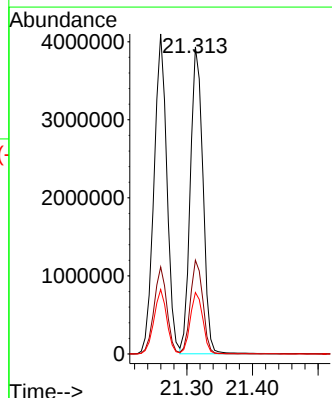
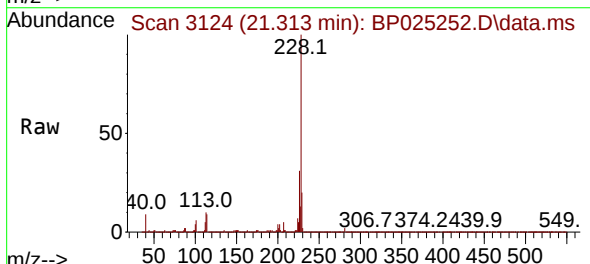
Tgt Ion:228 Resp: 5244277

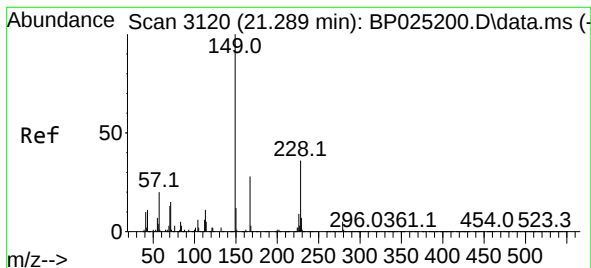
Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 20.0 16.0 24.0

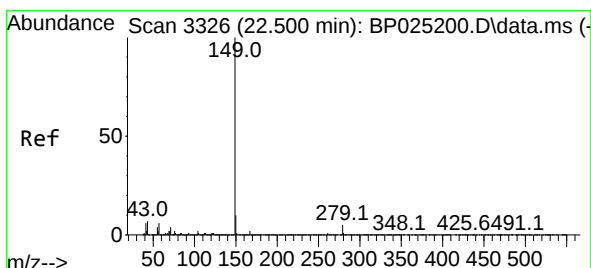
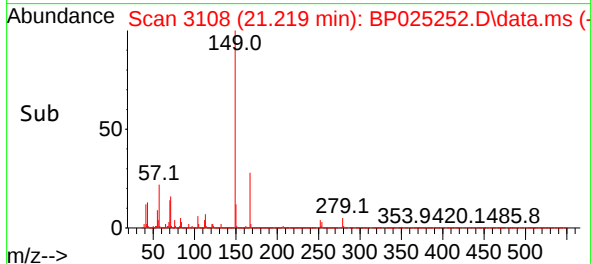
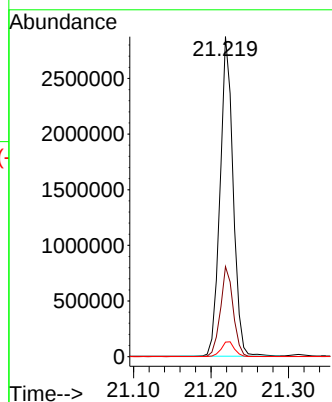
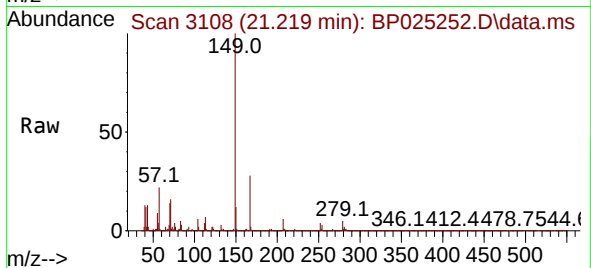




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.402 ng
 RT: 21.219 min Scan# 3110
 Delta R.T. -0.000 min
 Lab File: BP025252.D
 Acq: 28 Jul 2025 16:51

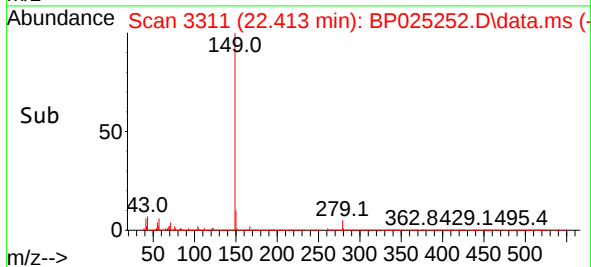
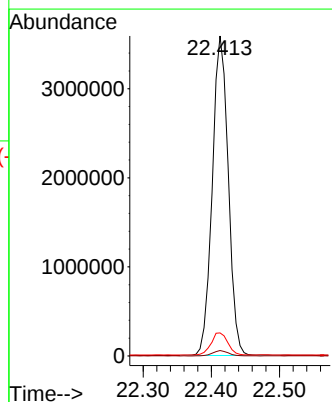
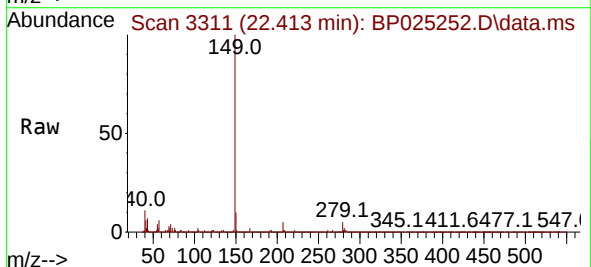
Instrument :
 BNA_P
 ClientSampleId :
 PB168971BS

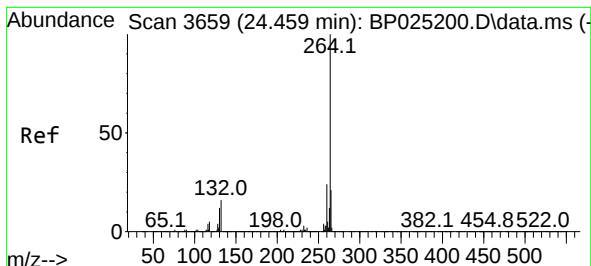
Tgt Ion:149 Resp: 3355086
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 34.0
 279 4.5 4.0 6.0



#85
 Di-n-octyl phthalate
 Concen: 42.873 ng
 RT: 22.413 min Scan# 3311
 Delta R.T. 0.012 min
 Lab File: BP025252.D
 Acq: 28 Jul 2025 16:51

Tgt Ion:149 Resp: 5857835
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 7.3 6.1 9.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.348 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

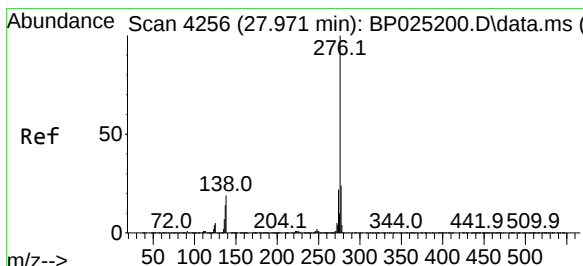
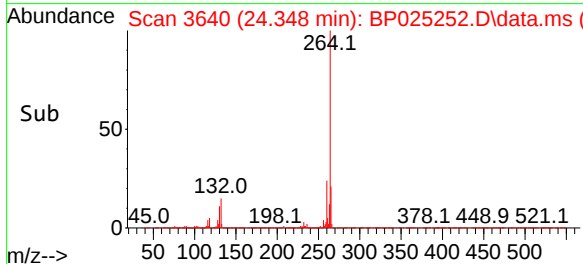
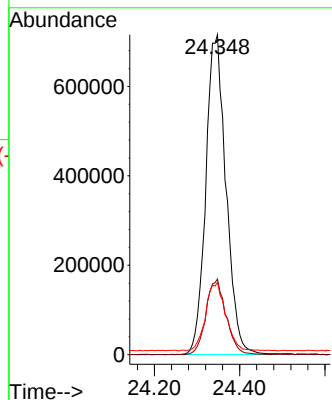
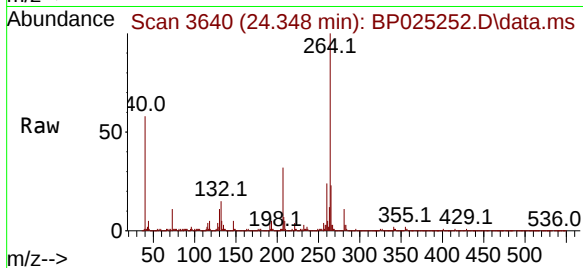
Tgt Ion:264 Resp: 2352897

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.6 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.504 ng

RT: 27.801 min Scan# 4227

Delta R.T. 0.018 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

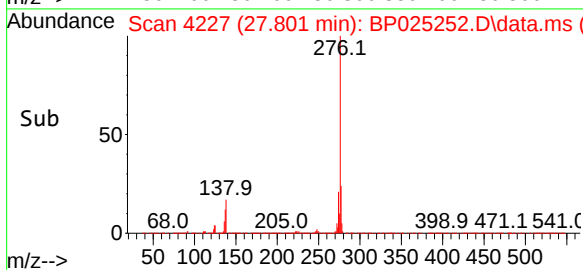
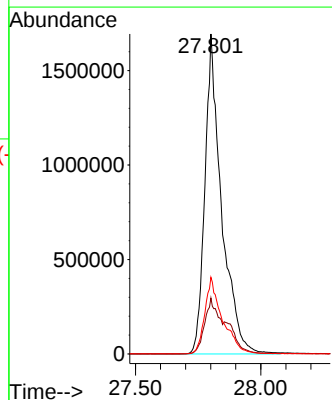
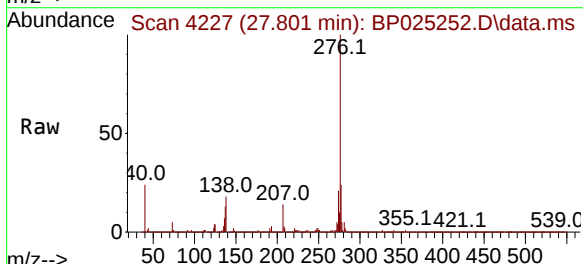
Tgt Ion:276 Resp: 7824113

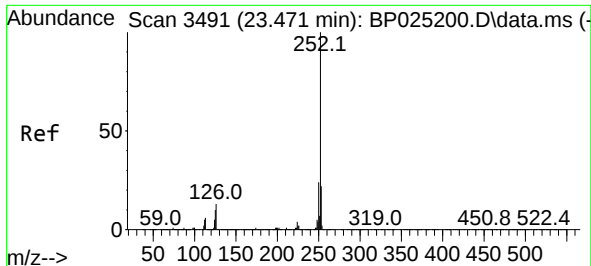
Ion Ratio Lower Upper

276 100

138 14.6 12.8 19.2

277 25.3 20.3 30.5

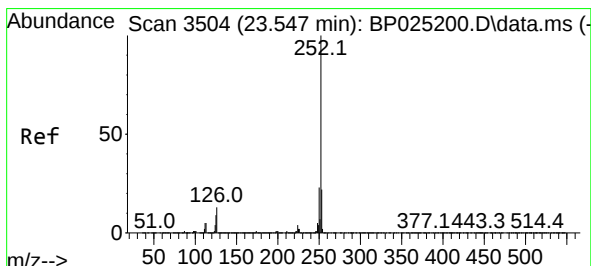
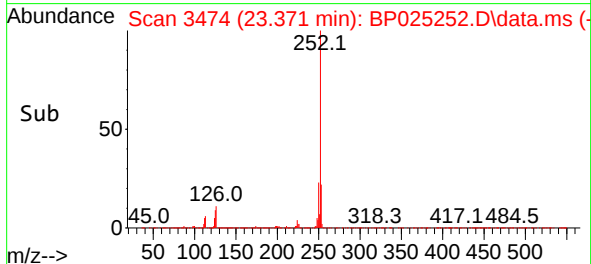
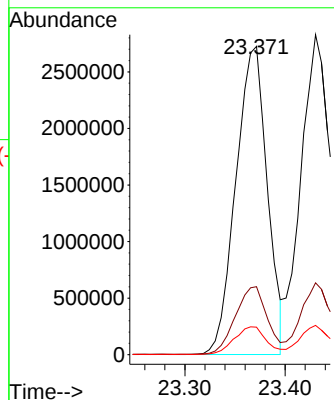
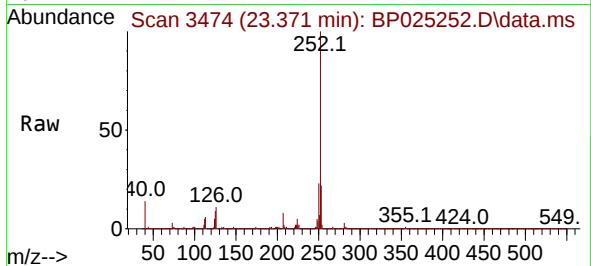




#88
Benzo(b)fluoranthene
Concen: 44.029 ng
RT: 23.371 min Scan# 3491
Delta R.T. 0.018 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

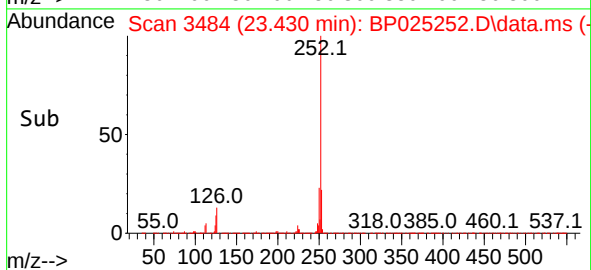
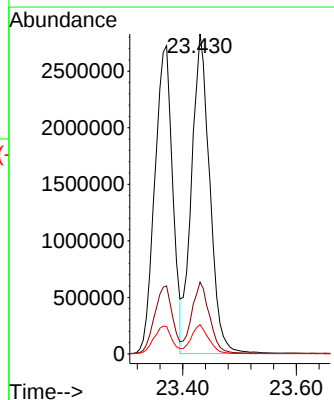
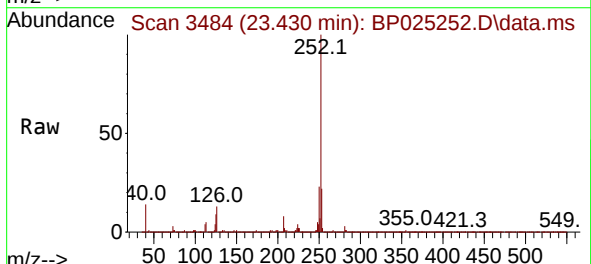
Instrument :
BNA_P
ClientSampleId :
PB168971BS

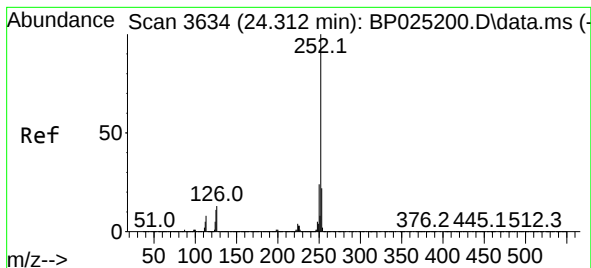
Tgt Ion:252 Resp: 5929880
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.9 7.8 11.8



#89
Benzo(k)fluoranthene
Concen: 47.307 ng
RT: 23.430 min Scan# 3484
Delta R.T. 0.012 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Tgt Ion:252 Resp: 6290019
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.1 7.5 11.3





#90

Benzo(a)pyrene

Concen: 45.457 ng

RT: 24.177 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

Instrument :

BNA_P

ClientSampleId :

PB168971BS

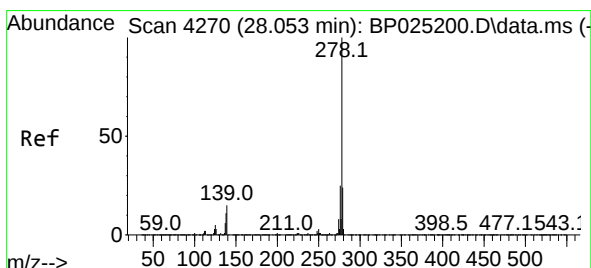
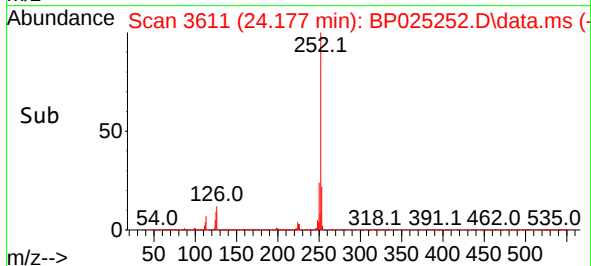
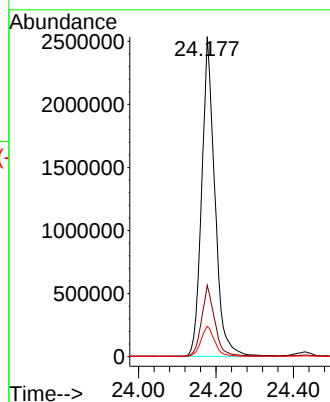
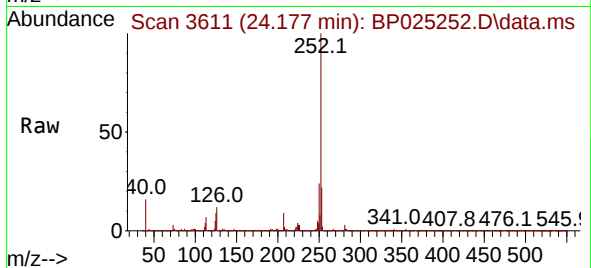
Tgt Ion:252 Resp: 5973359

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.5 8.6 12.8



#91

Dibenzo(a,h)anthracene

Concen: 45.772 ng

RT: 27.871 min Scan# 4239

Delta R.T. 0.029 min

Lab File: BP025252.D

Acq: 28 Jul 2025 16:51

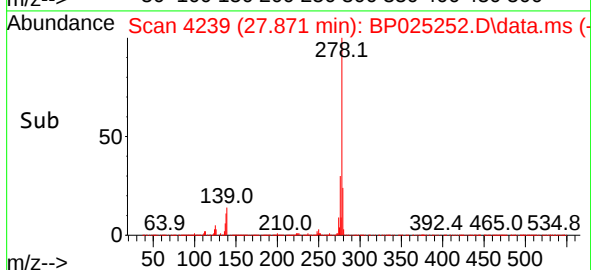
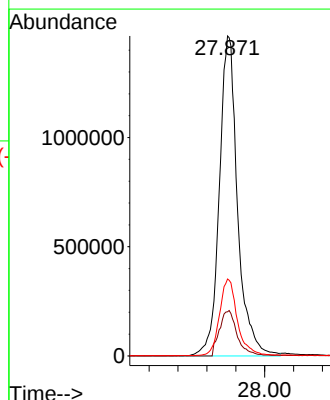
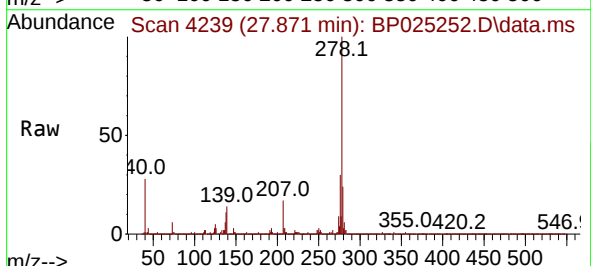
Tgt Ion:278 Resp: 6420942

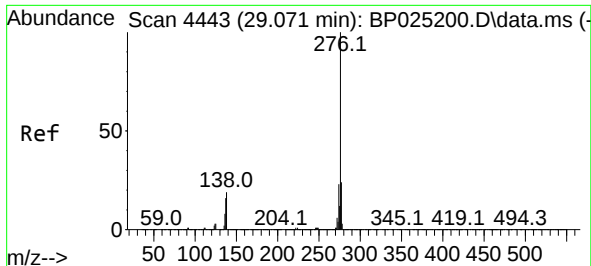
Ion Ratio Lower Upper

278 100

139 13.8 12.0 18.0

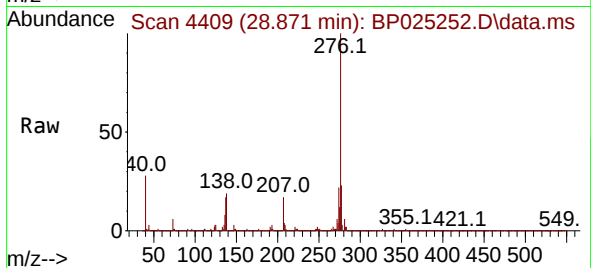
279 24.1 19.5 29.3





#92
Benzo(g,h,i)perylene
Concen: 46.388 ng
RT: 28.871 min Scan# 44
Delta R.T. 0.041 min
Lab File: BP025252.D
Acq: 28 Jul 2025 16:51

Instrument :
BNA_P
ClientSampleId :
PB168971BS



Tgt Ion:276 Resp: 6395067
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 19.1 15.4 23.2

