

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
 Data File : BP025233.D
 Acq On : 23 Jul 2025 21:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	486392	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2051102	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1370558	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2883559	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2956396	20.000	ng	0.02
86) Perylene-d12	24.477	264	3473449	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2258261	78.448	ng	0.00
7) Phenol-d6	6.643	99	2924592	82.028	ng	0.00
23) Nitrobenzene-d5	8.566	82	2950379	79.938	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1706747	84.471	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	7695730	79.162	ng	0.00
79) Terphenyl-d14	19.654	244	12406923	82.843	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	397207	36.816	ng	100
3) Pyridine	3.490	79	1109616	38.421	ng	99
4) n-Nitrosodimethylamine	3.402	42	444244	38.788	ng	96
6) Aniline	6.778	93	1898180	40.729	ng	100
8) 2-Chlorophenol	7.013	128	1321396	40.456	ng	98
9) Benzaldehyde	6.596	77	949698	39.287	ng	99
10) Phenol	6.672	94	1508036	40.785	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	1121618	39.567	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1452254	39.538	ng	100
13) 1,4-Dichlorobenzene	7.466	146	1483481	40.012	ng	100
14) 1,2-Dichlorobenzene	7.772	146	1421955	39.868	ng	99
15) Benzyl Alcohol	7.678	79	1059972	41.216	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.954	45	1433241	39.515	ng	99
17) 2-Methylphenol	7.878	107	1060398	41.367	ng	99
18) Hexachloroethane	8.490	117	498970	39.134	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	883396	41.187	ng	99
20) 3+4-Methylphenols	8.201	107	1460321	41.763	ng	99
22) Acetophenone	8.243	105	1873231	39.248	ng	99
24) Nitrobenzene	8.607	77	1306930	39.723	ng	97
25) Isophorone	9.137	82	2529208	38.968	ng	99
26) 2-Nitrophenol	9.301	139	770795	40.797	ng	99
27) 2,4-Dimethylphenol	9.384	122	1266095	40.048	ng	98
28) bis(2-Chloroethoxy)met...	9.607	93	1570117	38.676	ng	100
29) 2,4-Dichlorophenol	9.843	162	1331278	40.989	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1406328	39.643	ng	99
31) Naphthalene	10.231	128	4124668	39.298	ng	99
32) Benzoic acid	9.543	122	1111311	46.045	ng	99
33) 4-Chloroaniline	10.337	127	1869350	40.517	ng	100
34) Hexachlorobutadiene	10.525	225	833477	39.036	ng	99
35) Caprolactam	11.143	113	443549	41.148	ng	99
36) 4-Chloro-3-methylphenol	11.490	107	1351811	41.636	ng	99
37) 2-Methylnaphthalene	11.860	142	2717041	39.866	ng	100
38) 1-Methylnaphthalene	12.072	142	2872029	40.117	ng	99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1614608	39.302	ng	100
41) Hexachlorocyclopentadiene	12.225	237	659255	26.882	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	1136475	40.487	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1279374	41.417	ng	99
46) 1,1'-Biphenyl	12.895	154	3887696	39.129	ng	99
47) 2-Chloronaphthalene	12.937	162	3081144	39.721	ng	100
48) 2-Nitroaniline	13.142	65	812555	41.019	ng	98
49) Acenaphthylene	13.784	152	5100046	40.650	ng	100
50) Dimethylphthalate	13.542	163	3880581	39.591	ng	100
51) 2,6-Dinitrotoluene	13.660	165	859297	40.347	ng	99
52) Acenaphthene	14.142	154	2894112	39.892	ng	100
53) 3-Nitroaniline	13.989	138	992269	41.315	ng	96
54) 2,4-Dinitrophenol	14.195	184	359141	28.461	ng	99
55) Dibenzofuran	14.489	168	4655796	39.729	ng	100
56) 4-Nitrophenol	14.331	139	854420	41.574	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1256168	42.136	ng	98
58) Fluorene	15.154	166	3731050	40.103	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1154082	42.216	ng	100
60) Diethylphthalate	14.948	149	3906414	40.436	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1876429	39.914	ng	99
62) 4-Nitroaniline	15.178	138	1025103	41.969	ng	99
63) Azobenzene	15.460	77	3222733	40.936	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	530459	28.505	ng	99
66) n-Nitrosodiphenylamine	15.378	169	3410177	38.963	ng	98
67) 4-Bromophenyl-phenylether	16.083	248	1314338	39.056	ng	99
68) Hexachlorobenzene	16.189	284	1567252	39.216	ng	97
69) Atrazine	16.372	200	1268958	39.181	ng	99
70) Pentachlorophenol	16.548	266	1130406	41.595	ng	100
71) Phenanthrene	16.942	178	6056777	38.944	ng	100
72) Anthracene	17.030	178	6328083	40.390	ng	100
73) Carbazole	17.313	167	5919022	39.575	ng	99
74) Di-n-butylphthalate	17.942	149	7253259	42.030	ng	99
75) Fluoranthene	19.048	202	7366038	40.243	ng	99
77) Benzidine	19.248	184	4453862	42.911	ng	100
78) Pyrene	19.424	202	7558775	41.466	ng	99
80) Butylbenzylphthalate	20.407	149	3567496	43.234	ng	98
81) Benzo(a)anthracene	21.324	228	7528594	40.325	ng	99
82) 3,3'-Dichlorobenzidine	21.248	252	3114856	40.249	ng	99
83) Chrysene	21.383	228	6971303	40.000	ng	100
84) Bis(2-ethylhexyl)phtha...	21.295	149	5261242	44.592	ng	100
85) Di-n-octyl phthalate	22.507	149	8952122	43.938	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	9723383	38.306	ng	99
88) Benzo(b)fluoranthene	23.489	252	7879892	39.633	ng	99
89) Benzo(k)fluoranthene	23.560	252	7877583	40.134	ng	100
90) Benzo(a)pyrene	24.330	252	7700098	39.694	ng	99
91) Dibenzo(a,h)anthracene	28.089	278	8004435	38.652	ng	99
92) Benzo(g,h,i)perylene	29.106	276	7762421	38.142	ng	98

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

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

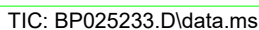
Quant Time: Jul 24 01:51:36 2025

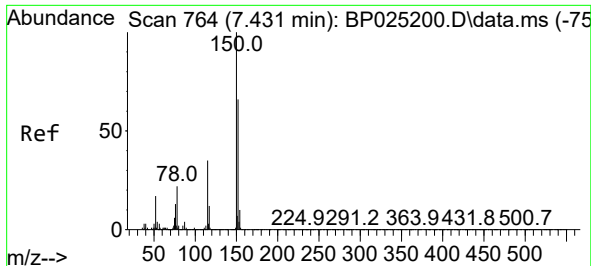
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M

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QLast Update : Tue Jul 22 02:55:21 2025

Response via : Initial Calibration

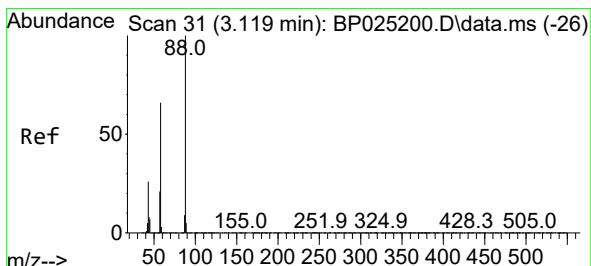
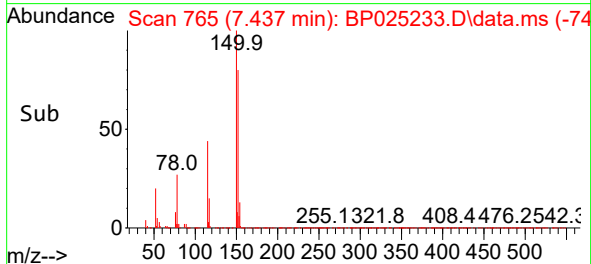
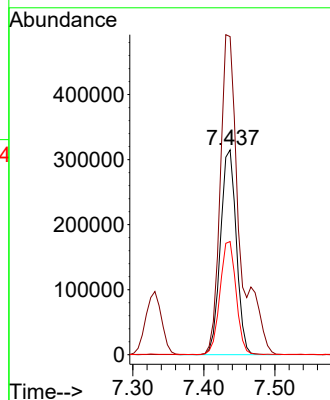
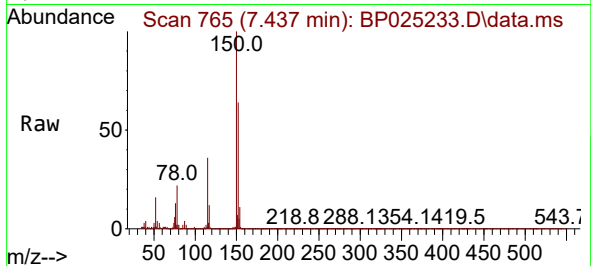




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: BP025233.D
 Acq: 23 Jul 2025 21:42

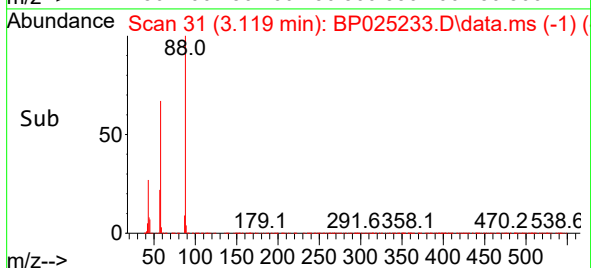
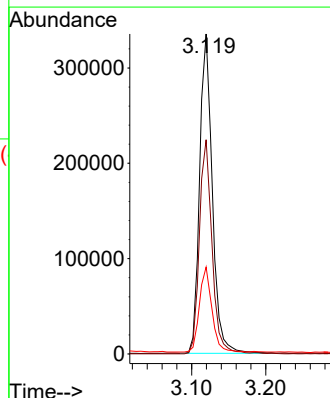
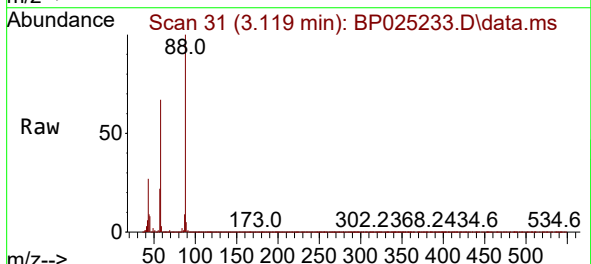
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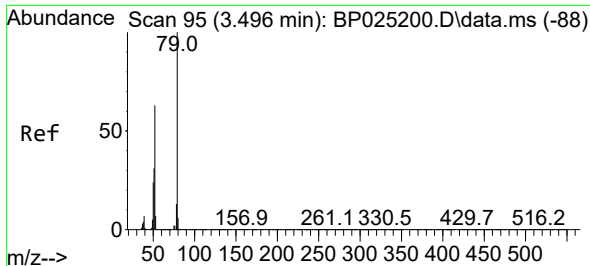
Tgt Ion:152 Resp: 486392
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.9 182.9
 115 55.2 43.0 64.6



#2
 1,4-Dioxane
 Concen: 36.816 ng
 RT: 3.119 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP025233.D
 Acq: 23 Jul 2025 21:42

Tgt Ion: 88 Resp: 397207
 Ion Ratio Lower Upper
 88 100
 58 67.1 53.5 80.3
 43 26.2 20.8 31.2

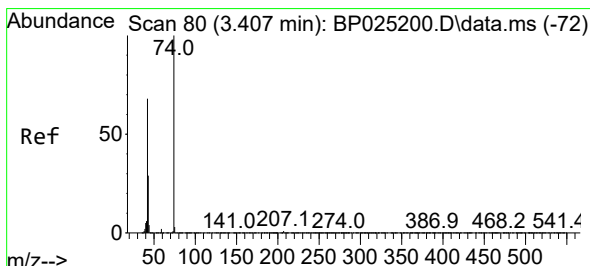
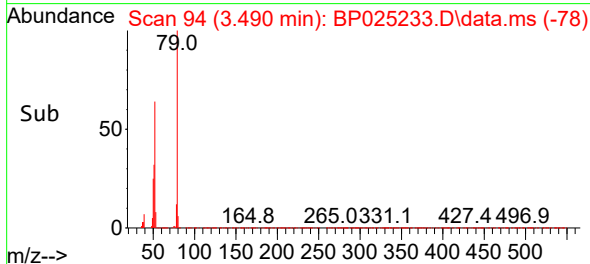
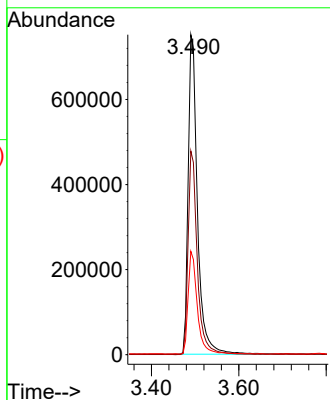
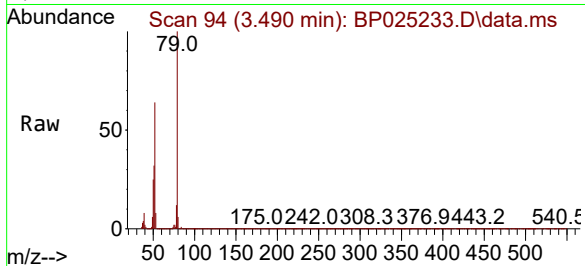




#3
Pyridine
Concen: 38.421 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

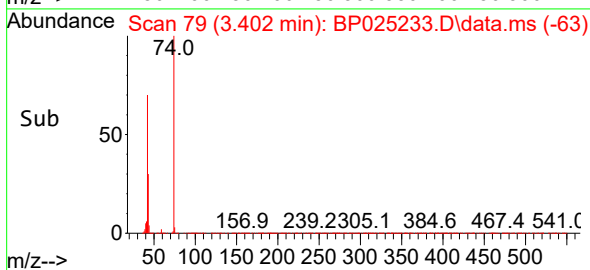
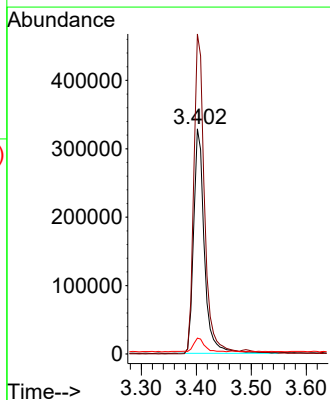
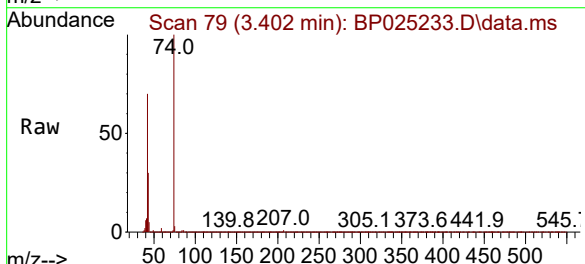
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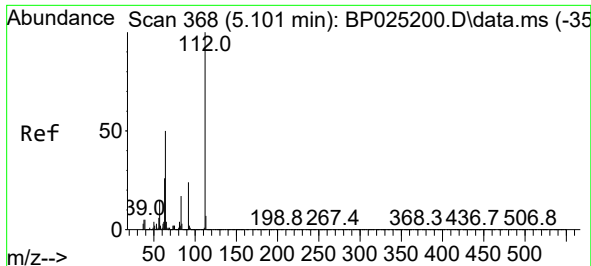
Tgt Ion: 79 Resp: 1109616
Ion Ratio Lower Upper
79 100
52 63.7 50.2 75.4
51 32.3 25.0 37.4



#4
n-Nitrosodimethylamine
Concen: 38.788 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 42 Resp: 444244
Ion Ratio Lower Upper
42 100
74 142.2 118.0 177.0
44 7.0 5.5 8.3

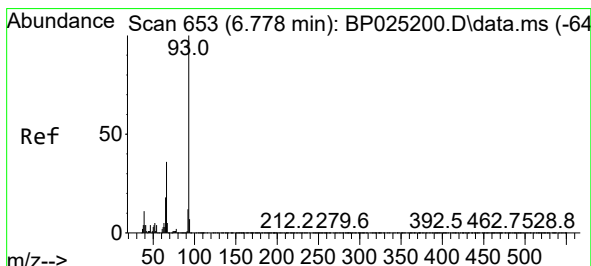
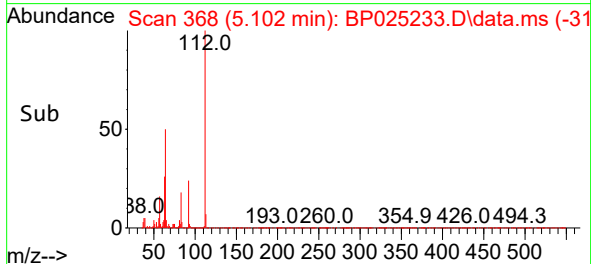
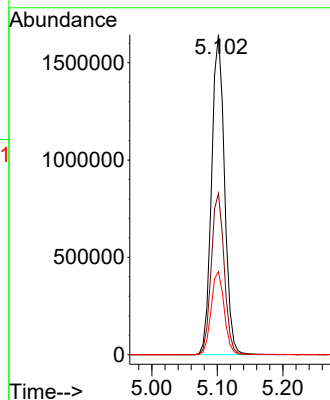
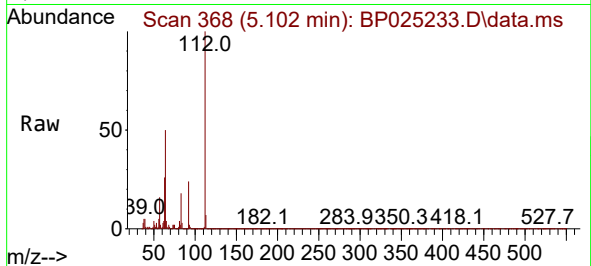




#5
2-Fluorophenol
Concen: 78.448 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

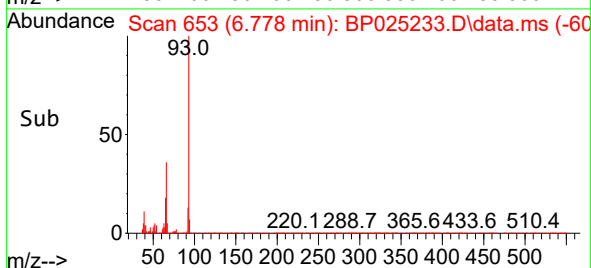
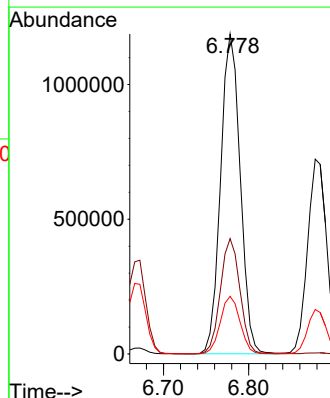
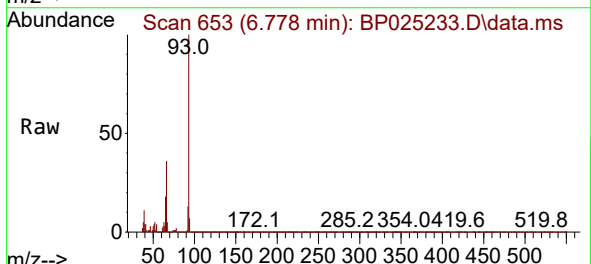
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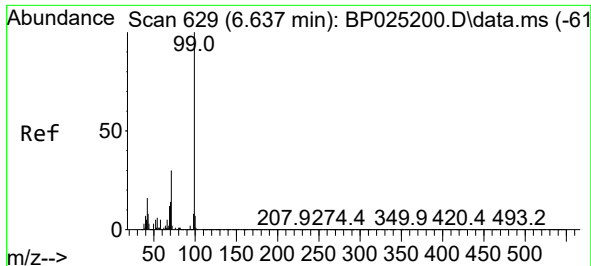
Tgt Ion:112 Resp: 2258261
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.6
63 26.0 20.5 30.7



#6
Aniline
Concen: 40.729 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 93 Resp: 1898180
Ion Ratio Lower Upper
93 100
66 36.1 28.6 43.0
65 18.0 14.6 21.8

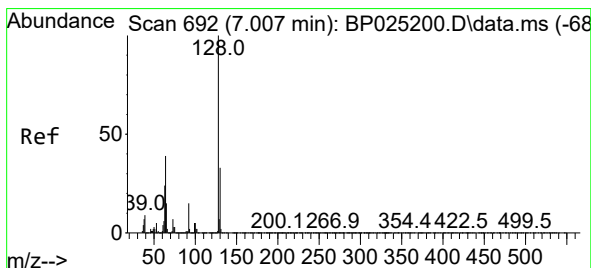
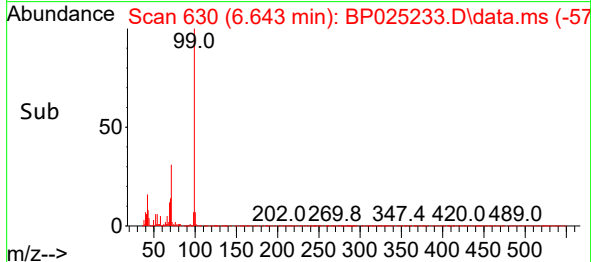
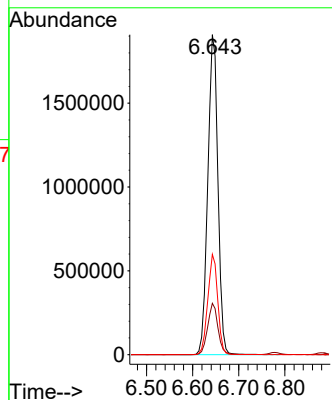
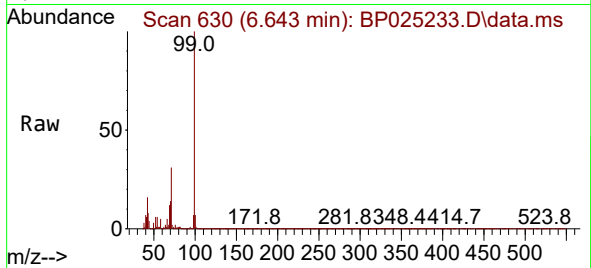




#7
Phenol-d6
Concen: 82.028 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

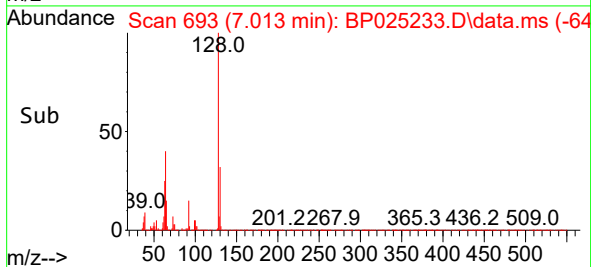
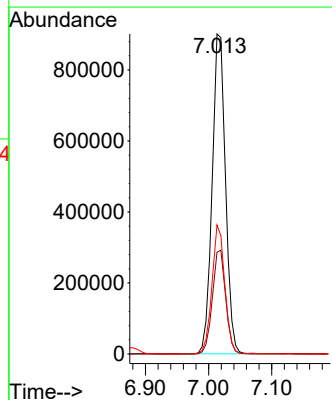
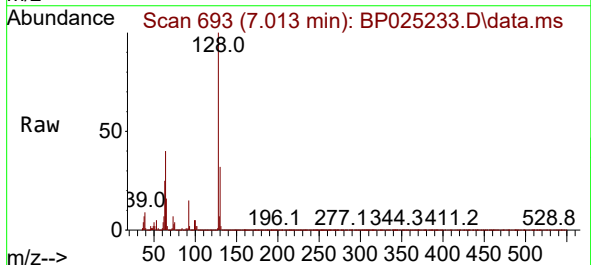
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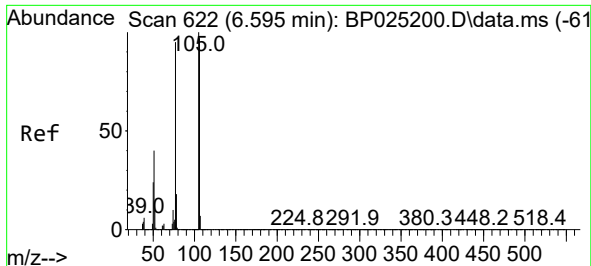
Tgt Ion: 99 Resp: 2924592
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 31.4 24.2 36.2



#8
2-Chlorophenol
Concen: 40.456 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:128 Resp: 1321396
Ion Ratio Lower Upper
128 100
130 31.8 12.9 52.9
64 40.3 19.2 59.2

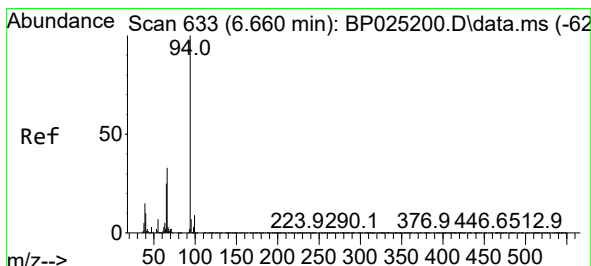
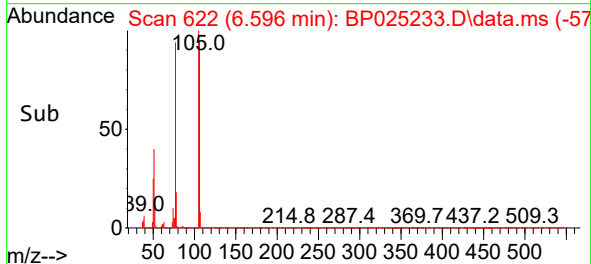
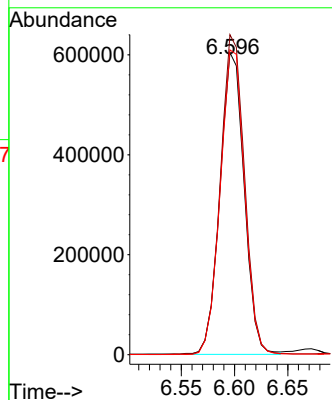
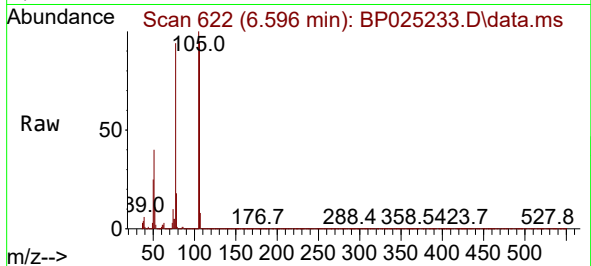




#9
Benzaldehyde
Concen: 39.287 ng
RT: 6.596 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

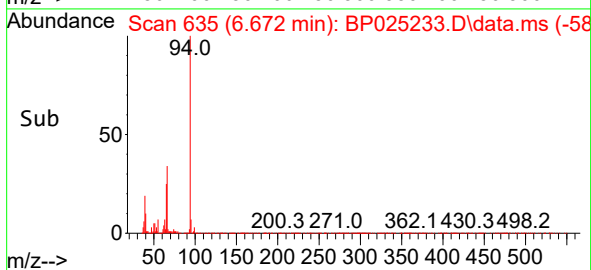
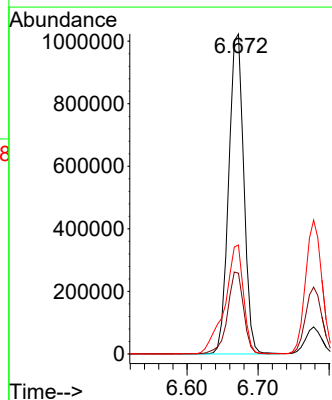
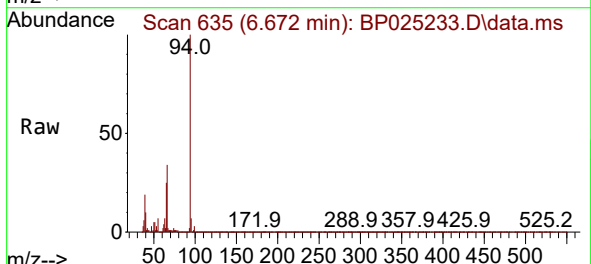
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ClientSampleId :
SSTDCCC040EC

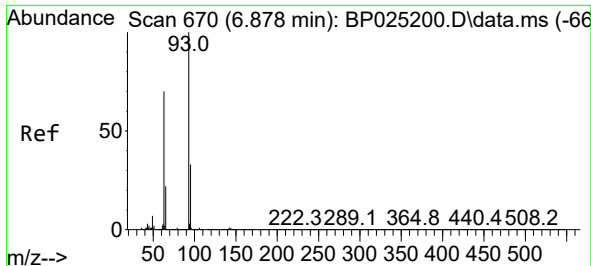
Tgt Ion: 77 Resp: 949698
Ion Ratio Lower Upper
77 100
105 105.9 85.5 125.5
106 100.9 81.9 121.9



#10
Phenol
Concen: 40.785 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 94 Resp: 1508036
Ion Ratio Lower Upper
94 100
65 25.3 5.4 45.4
66 34.0 13.5 53.5

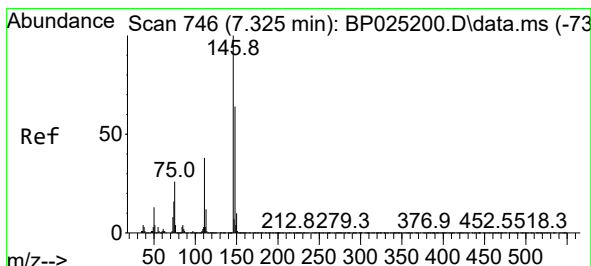
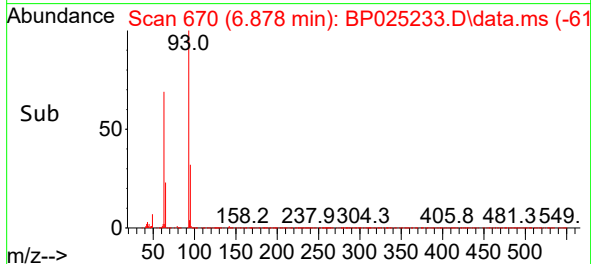
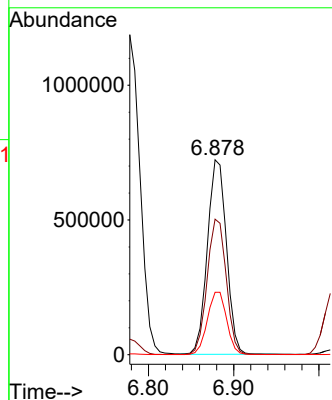
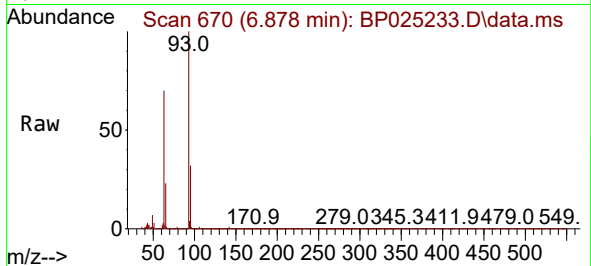




#11
bis(2-Chloroethyl)ether
Concen: 39.567 ng
RT: 6.878 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

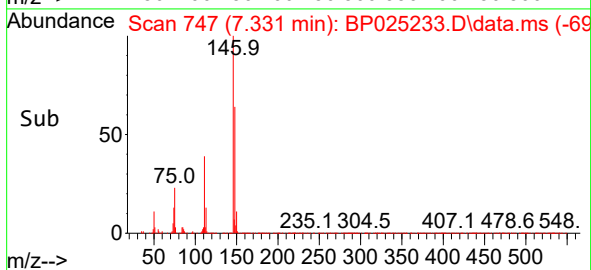
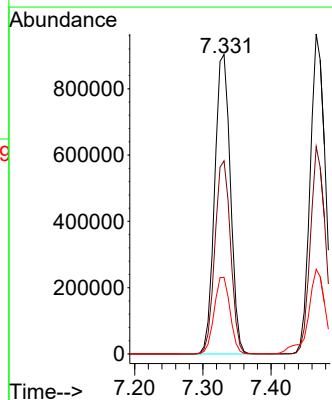
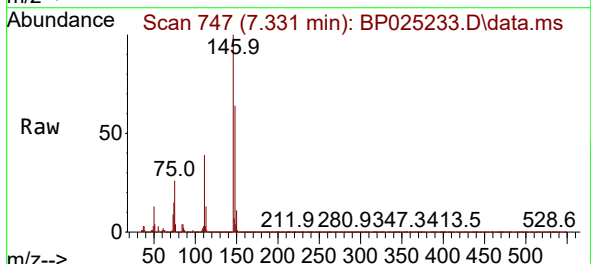
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

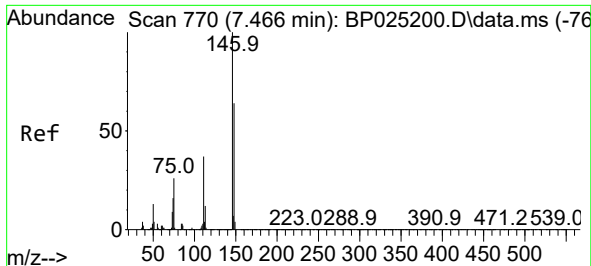
Tgt Ion: 93 Resp: 1121618
Ion Ratio Lower Upper
93 100
63 69.6 50.0 90.0
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.538 ng
RT: 7.331 min Scan# 747
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 146 Resp: 1452254
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 25.6 20.6 31.0

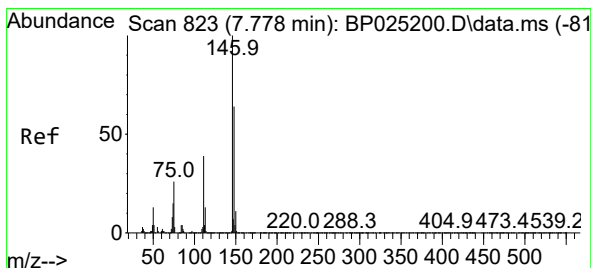
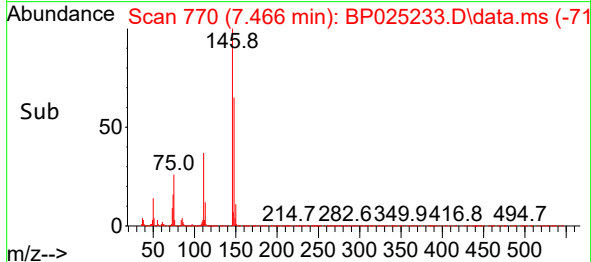
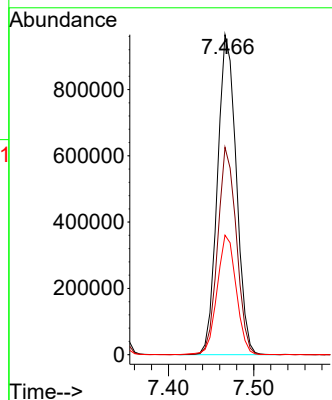
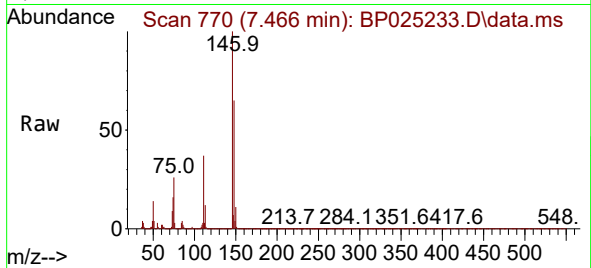




#13
1,4-Dichlorobenzene
Concen: 40.012 ng
RT: 7.466 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

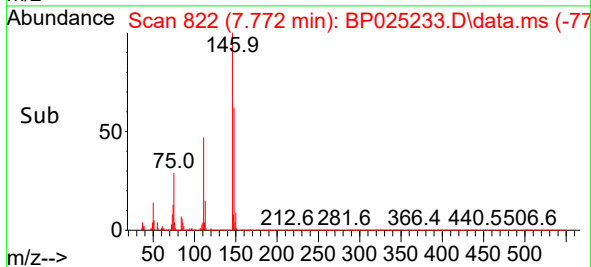
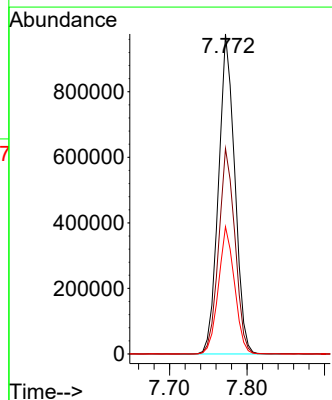
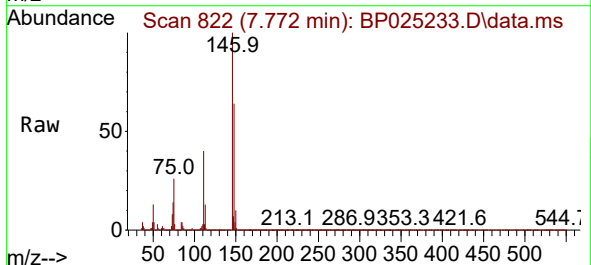
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

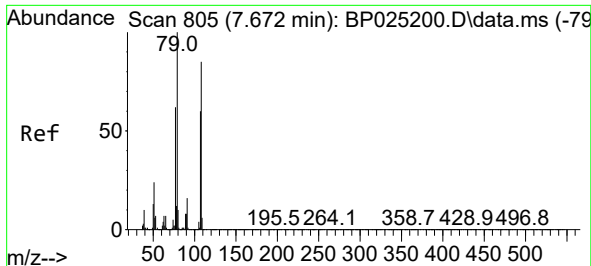
Tgt Ion:146 Resp: 1483481
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 37.3 29.9 44.9



#14
1,2-Dichlorobenzene
Concen: 39.868 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:146 Resp: 1421955
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 39.7 31.3 46.9

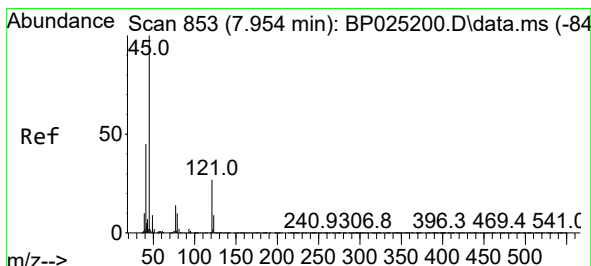
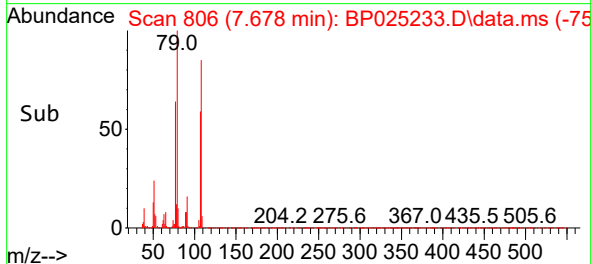
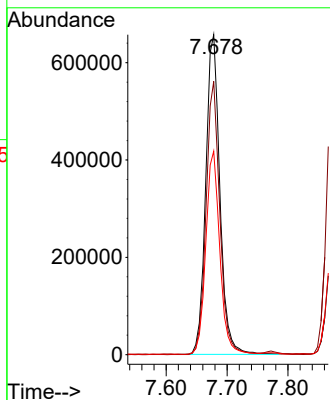
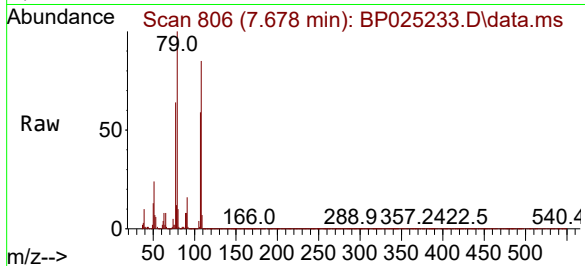




#15
Benzyl Alcohol
Concen: 41.216 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

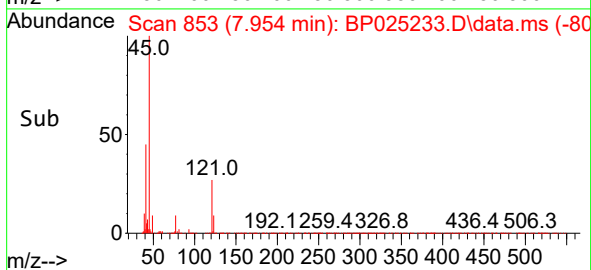
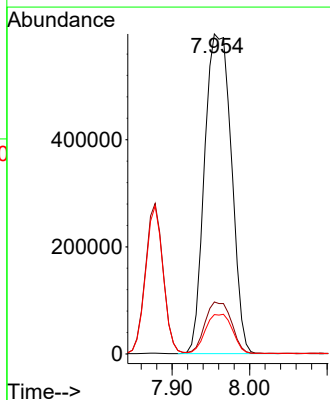
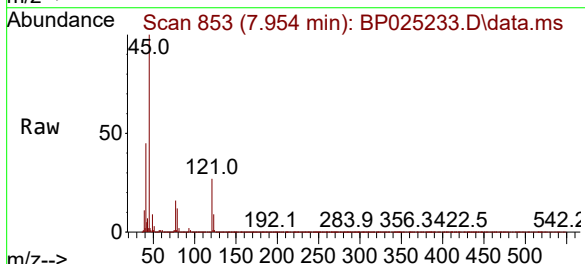
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

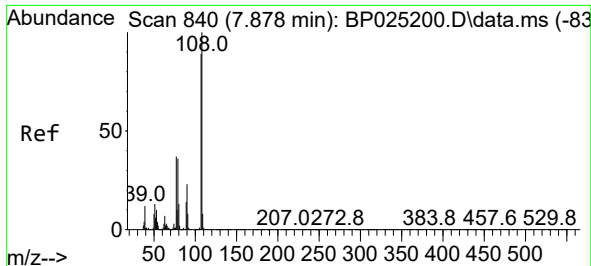
Tgt Ion: 79 Resp: 1059972
Ion Ratio Lower Upper
79 100
108 85.4 67.8 101.6
77 63.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.515 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 45 Resp: 1433241
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.0
79 12.3 0.0 31.7





#17

2-Methylphenol

Concen: 41.367 ng

RT: 7.878 min Scan# 840

Delta R.T. 0.000 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 1060398

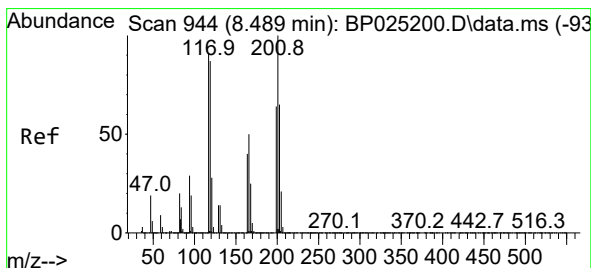
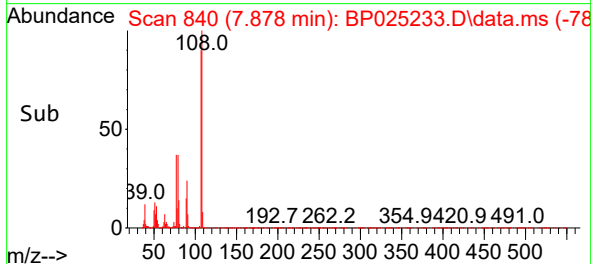
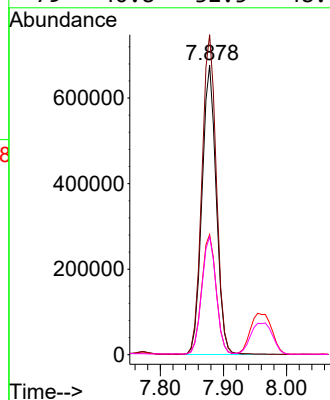
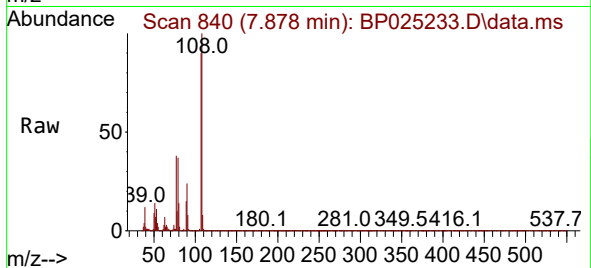
Ion Ratio Lower Upper

107 100

108 110.6 89.8 134.8

77 41.5 33.2 49.8

79 40.8 32.5 48.7



#18

Hexachloroethane

Concen: 39.134 ng

RT: 8.490 min Scan# 944

Delta R.T. 0.000 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

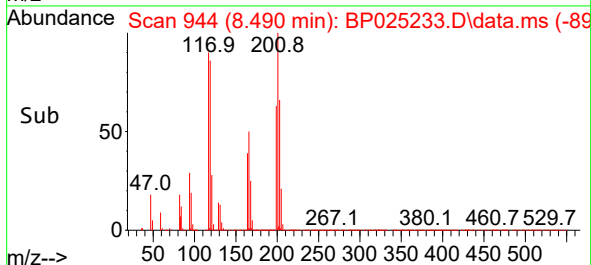
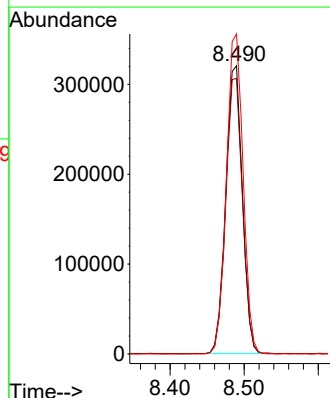
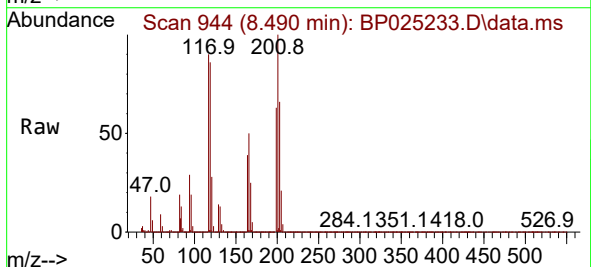
Tgt Ion:117 Resp: 498970

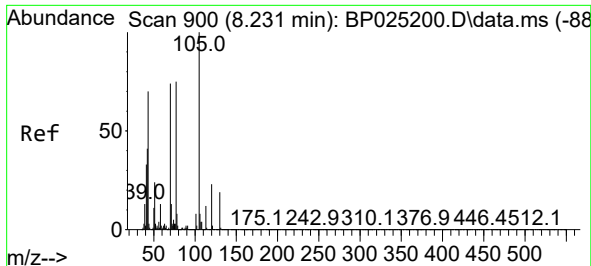
Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6

201 111.1 88.3 132.5



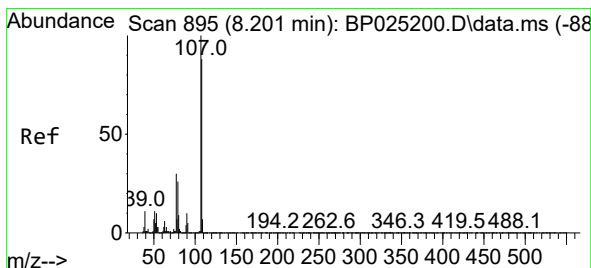
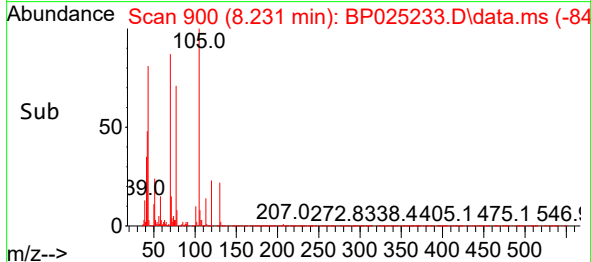
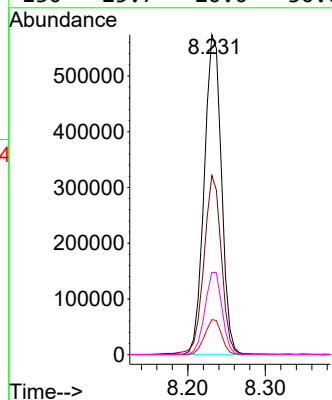
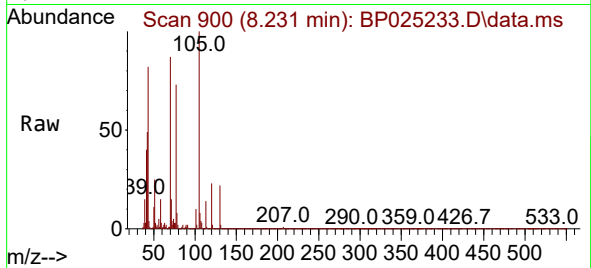


#19
n-Nitroso-di-n-propylamine
Concen: 41.187 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 883396

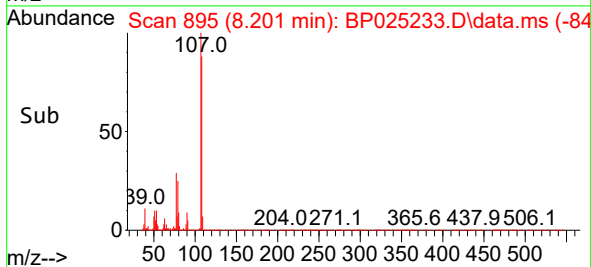
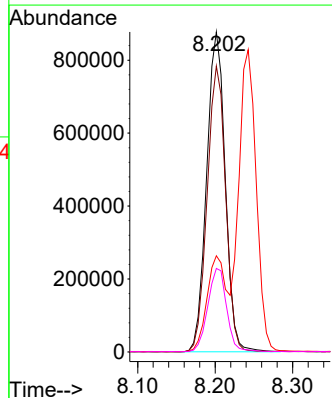
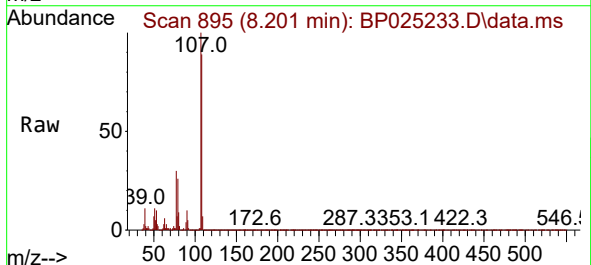
Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	10.9	8.6	12.8
130	25.7	20.0	30.0

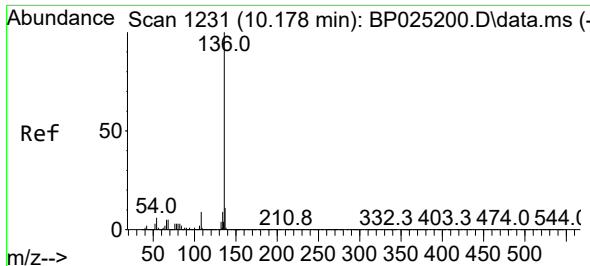


#20
3+4-Methylphenols
Concen: 41.763 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 107 Resp: 1460321

Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.8	107.8
77	30.1	10.3	50.3
79	26.1	6.1	46.1

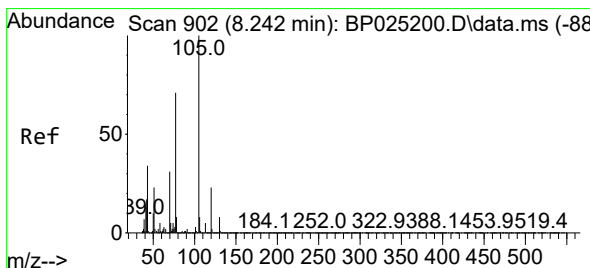
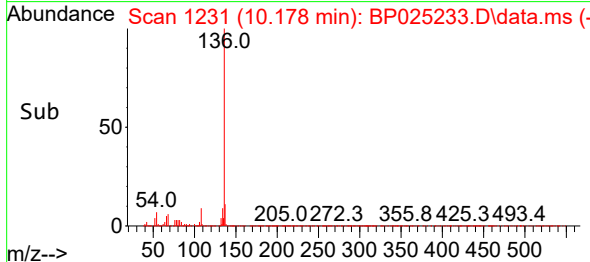
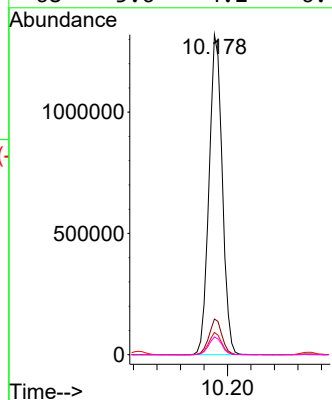
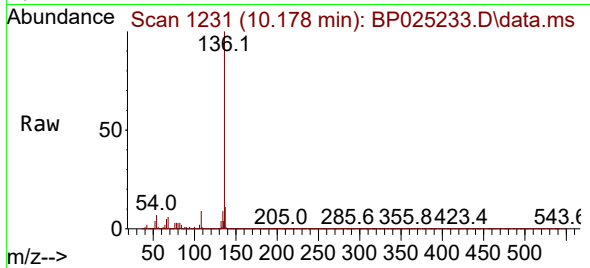




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

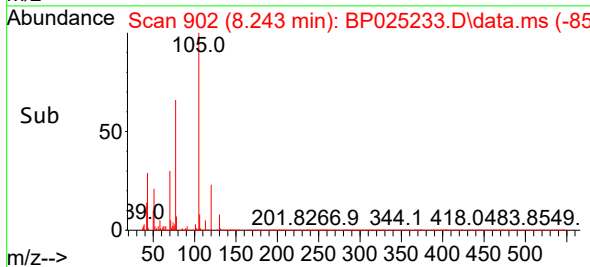
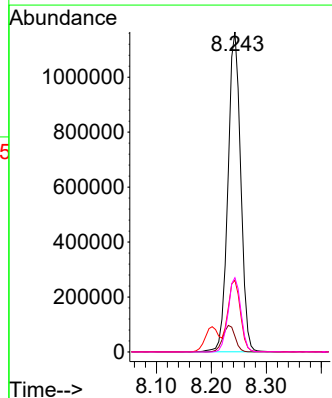
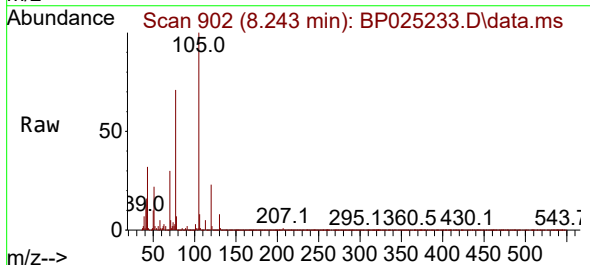
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

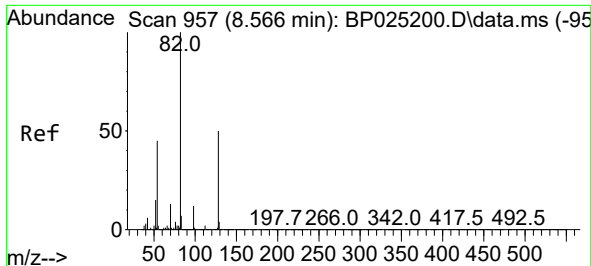
Tgt Ion:136 Resp: 2051102
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.1 7.7
68 5.6 4.2 6.4



#22
Acetophenone
Concen: 39.248 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:105 Resp: 1873231
Ion Ratio Lower Upper
105 100
71 4.9 4.1 6.1
51 22.4 18.5 27.7
120 23.2 18.6 28.0

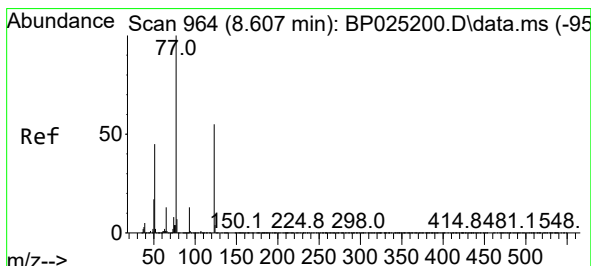
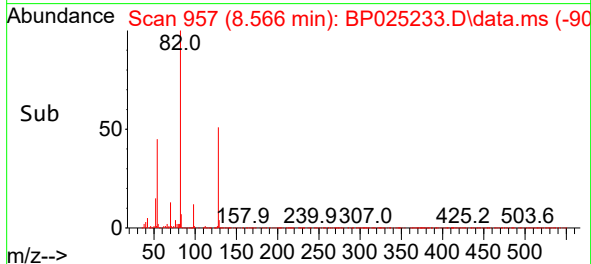
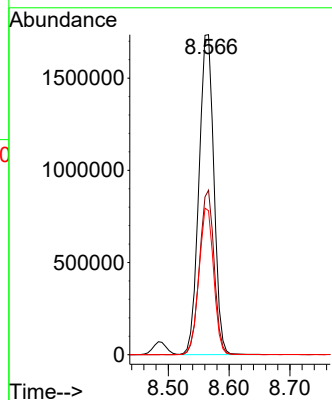
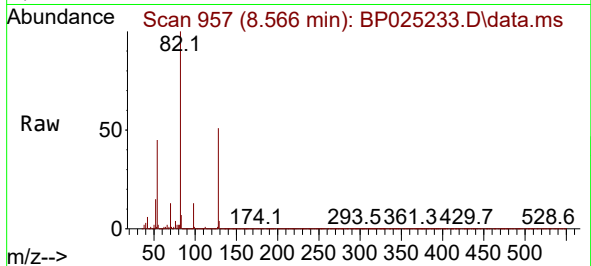




#23
Nitrobenzene-d5
Concen: 79.938 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

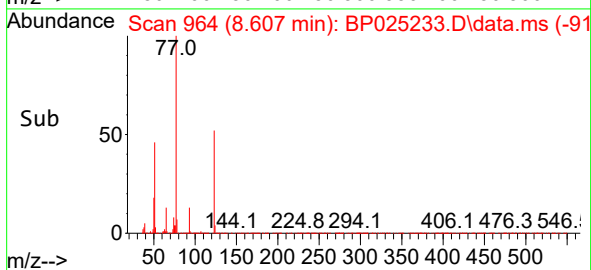
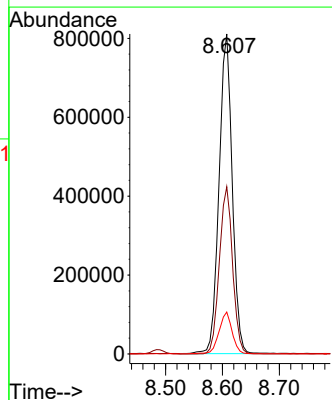
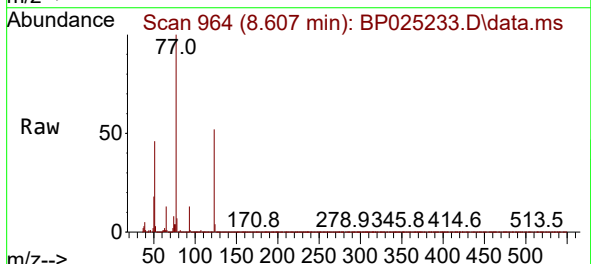
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

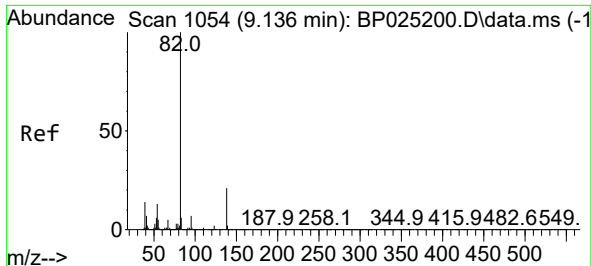
Tgt Ion: 82 Resp: 2950379
Ion Ratio Lower Upper
82 100
128 51.4 40.2 60.4
54 45.0 36.3 54.5



#24
Nitrobenzene
Concen: 39.723 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 77 Resp: 1306930
Ion Ratio Lower Upper
77 100
123 52.3 43.6 65.4
65 13.1 10.2 15.2

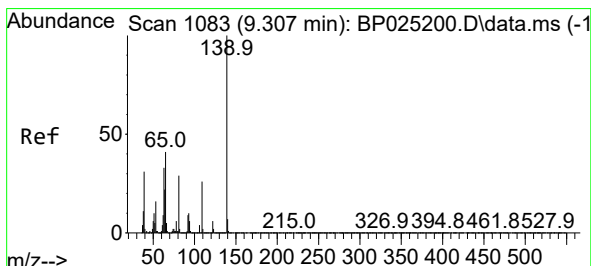
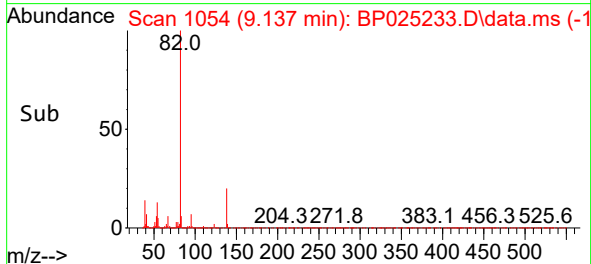
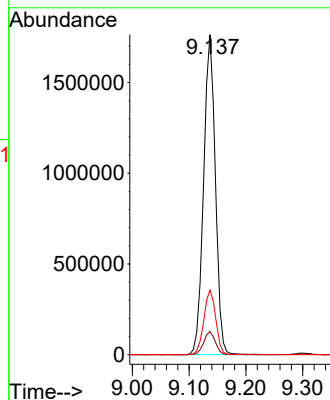
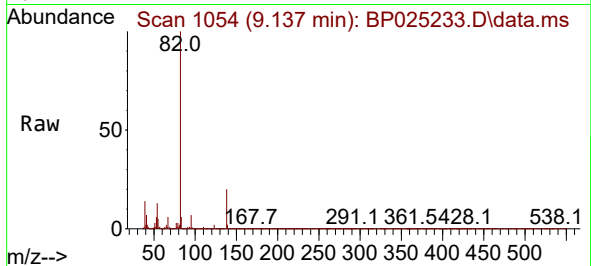




#25
Isophorone
Concen: 38.968 ng
RT: 9.137 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

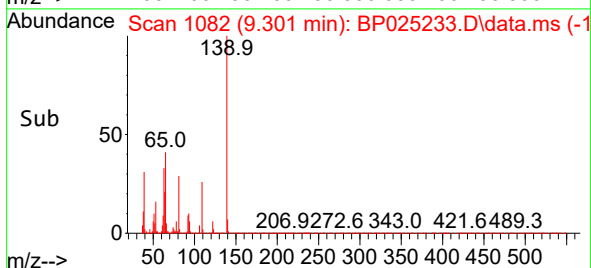
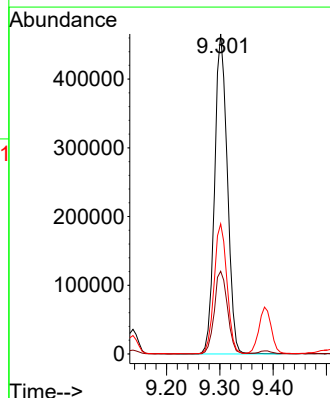
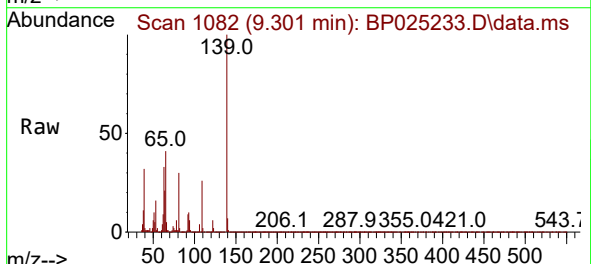
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

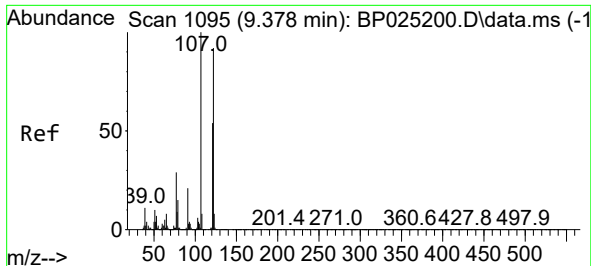
Tgt Ion: 82 Resp: 2529208
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.2 16.6 25.0



#26
2-Nitrophenol
Concen: 40.797 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 139 Resp: 770795
Ion Ratio Lower Upper
139 100
109 25.9 21.0 31.6
65 40.6 32.7 49.1

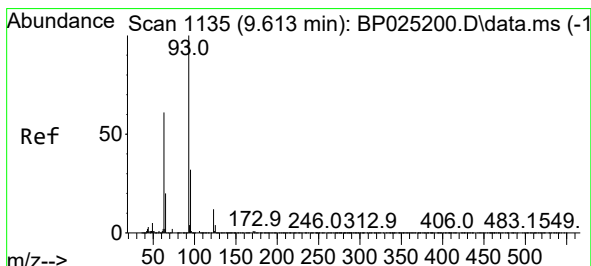
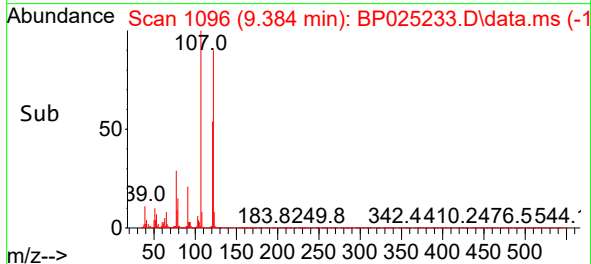
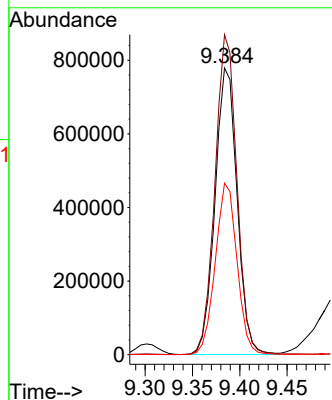
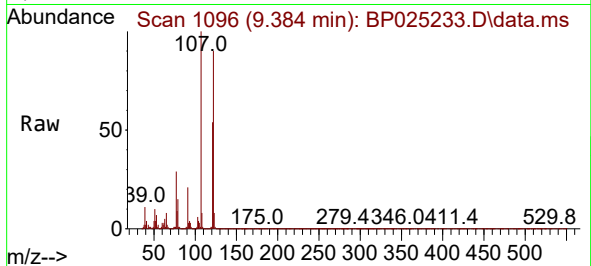




#27
2,4-Dimethylphenol
Concen: 40.048 ng
RT: 9.384 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

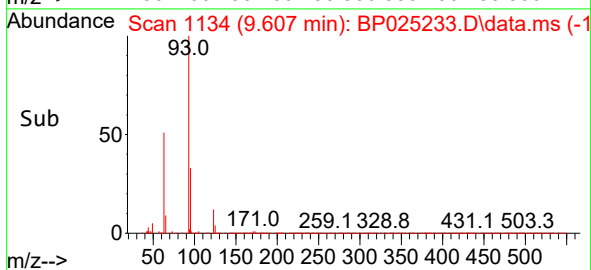
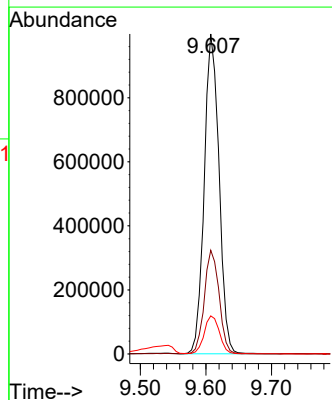
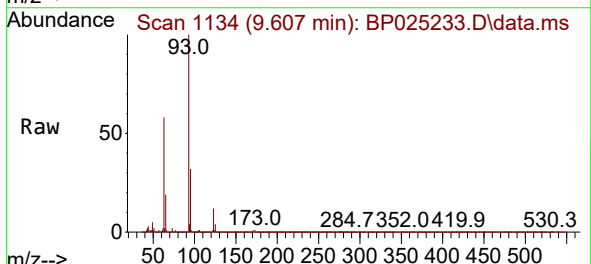
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

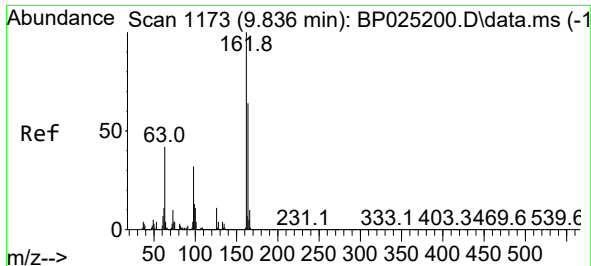
Tgt Ion:122 Resp: 1266095
Ion Ratio Lower Upper
122 100
107 111.6 87.0 130.4
121 59.8 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.676 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 93 Resp: 1570117
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 40.989 ng

RT: 9.843 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

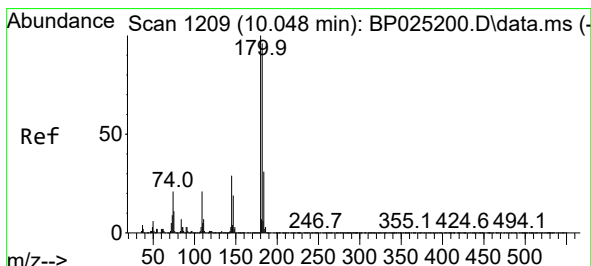
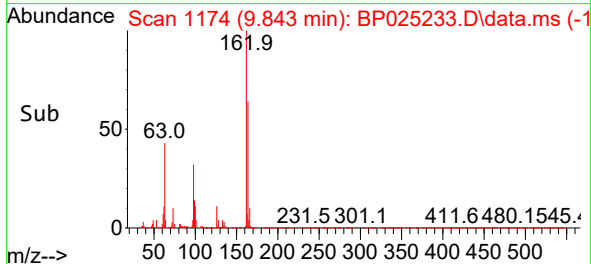
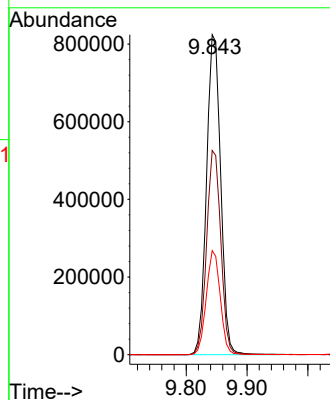
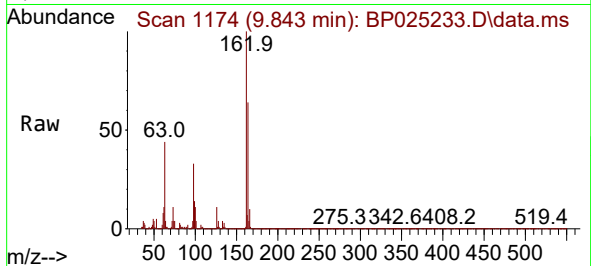
Tgt Ion:162 Resp: 1331278

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 32.5 11.7 51.7



#30

1,2,4-Trichlorobenzene

Concen: 39.643 ng

RT: 10.048 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

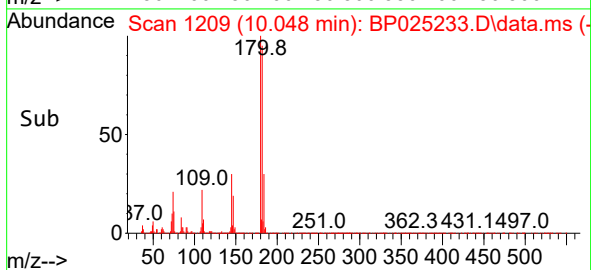
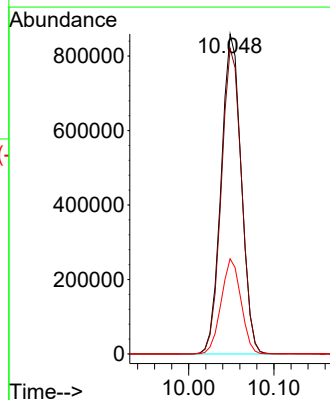
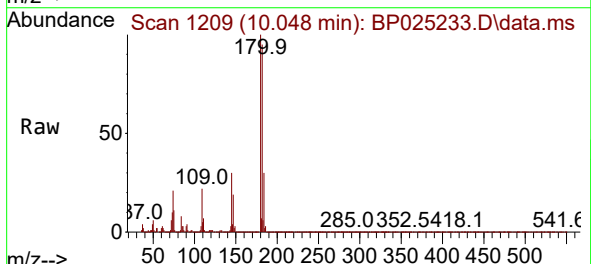
Tgt Ion:180 Resp: 1406328

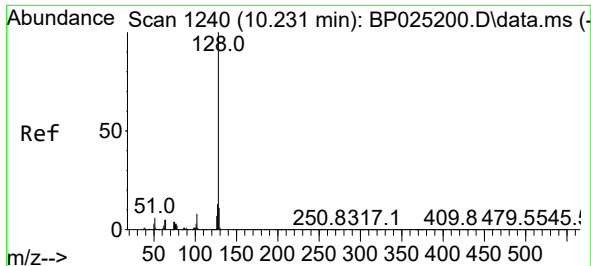
Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

145 29.8 23.5 35.3

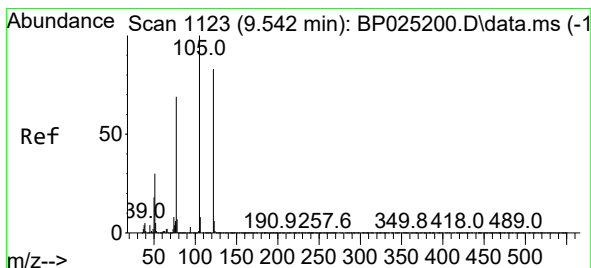
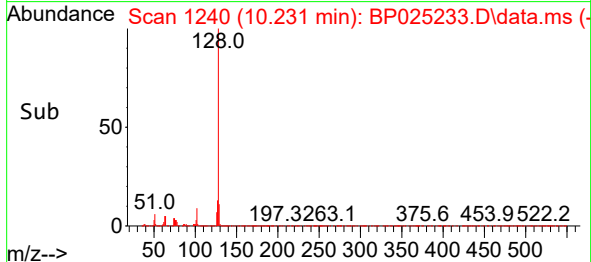
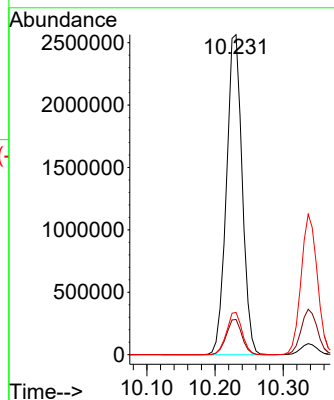
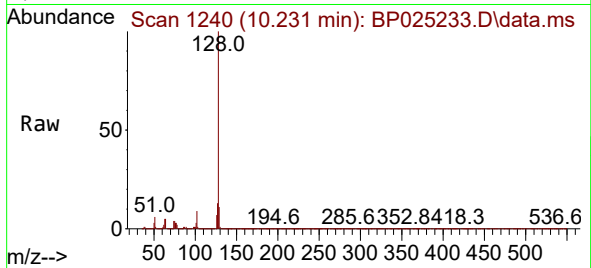




#31
Naphthalene
Concen: 39.298 ng
RT: 10.231 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

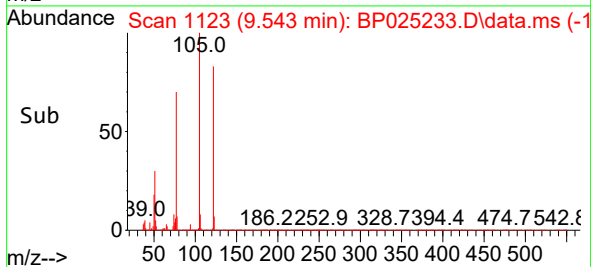
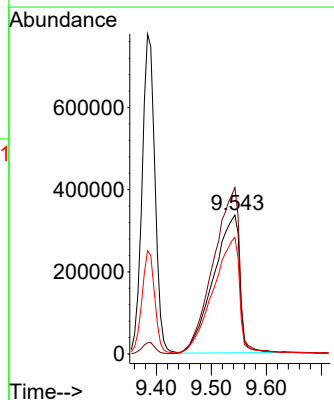
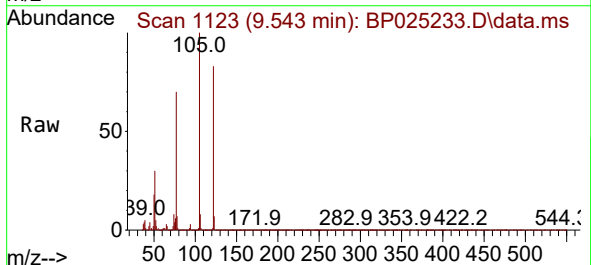
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

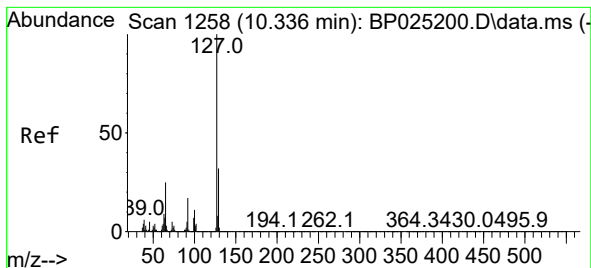
Tgt Ion:128 Resp: 4124668
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 46.045 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:122 Resp: 1111311
Ion Ratio Lower Upper
122 100
105 119.8 98.1 138.1
77 83.9 62.7 102.7





#33

4-Chloroaniline

Concen: 40.517 ng

RT: 10.337 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 1869350

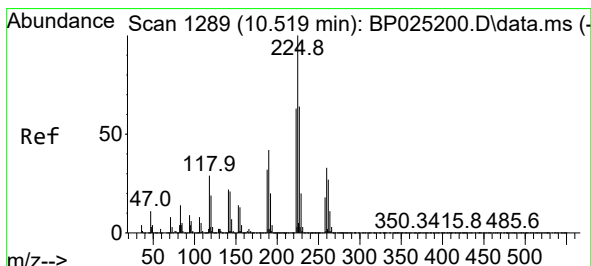
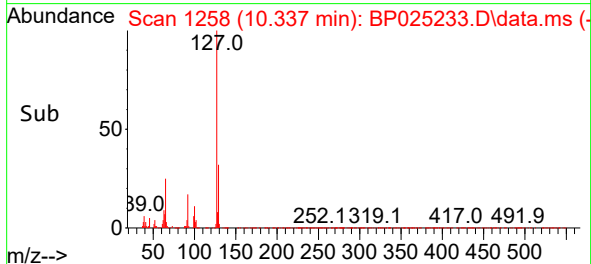
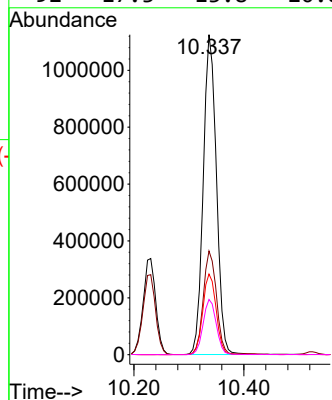
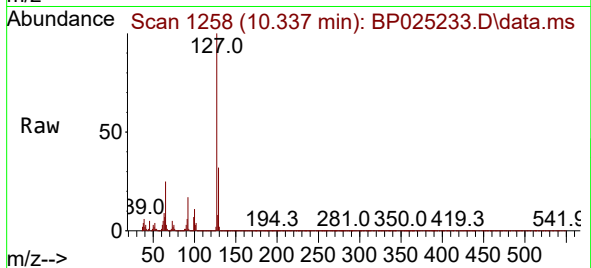
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 25.2 20.2 30.4

92 17.3 13.8 20.8



#34

Hexachlorobutadiene

Concen: 39.036 ng

RT: 10.525 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

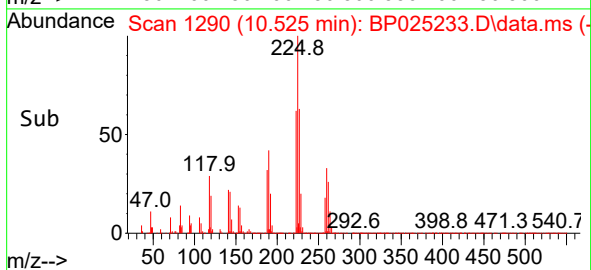
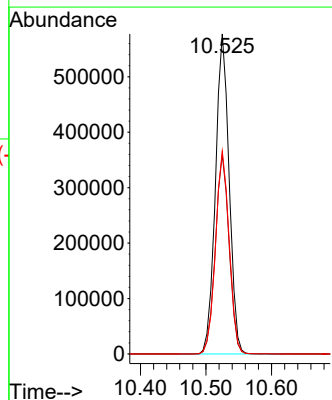
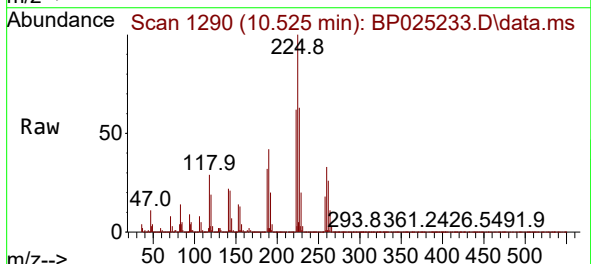
Tgt Ion:225 Resp: 833477

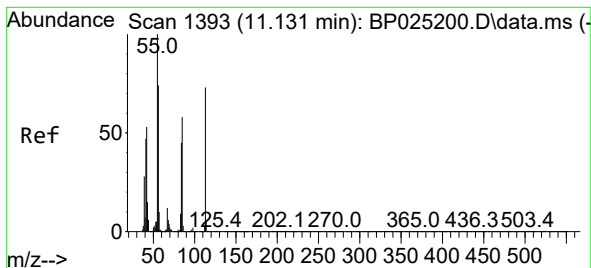
Ion Ratio Lower Upper

225 100

223 62.3 50.1 75.1

227 63.4 51.4 77.0





#35

Caprolactam

Concen: 41.148 ng

RT: 11.143 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

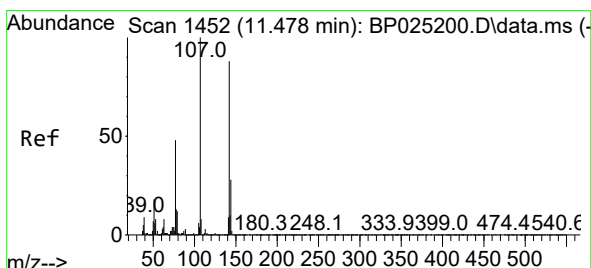
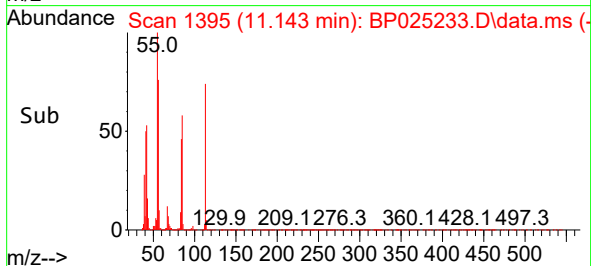
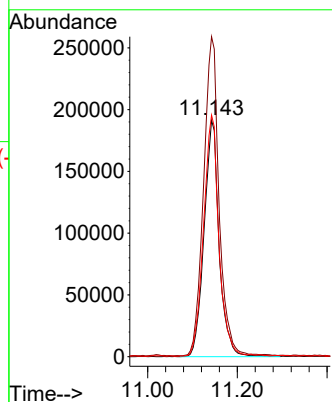
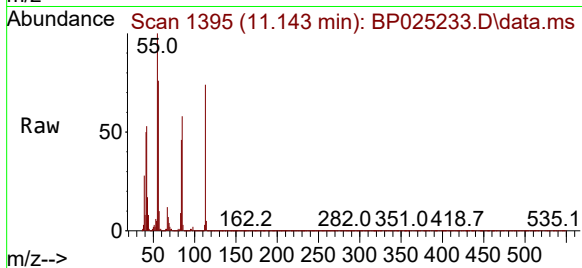
Tgt Ion:113 Resp: 443549

Ion Ratio Lower Upper

113 100

55 135.4 117.6 157.6

56 102.2 82.4 122.4



#36

4-Chloro-3-methylphenol

Concen: 41.636 ng

RT: 11.490 min Scan# 1454

Delta R.T. 0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

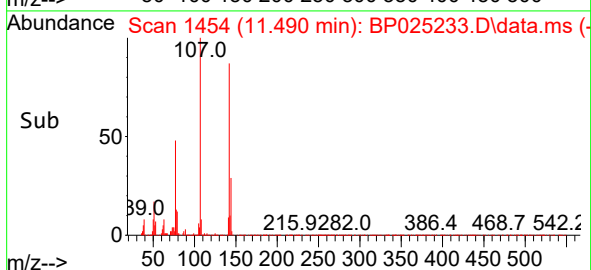
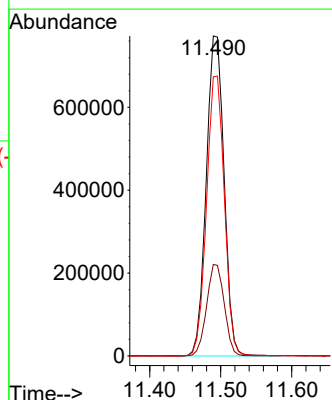
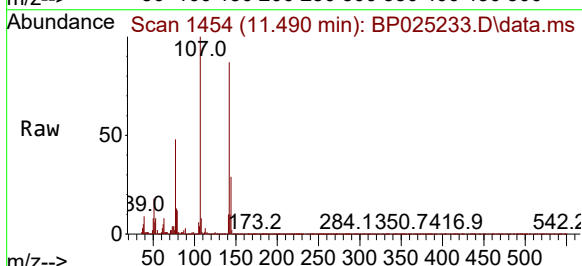
Tgt Ion:107 Resp: 1351811

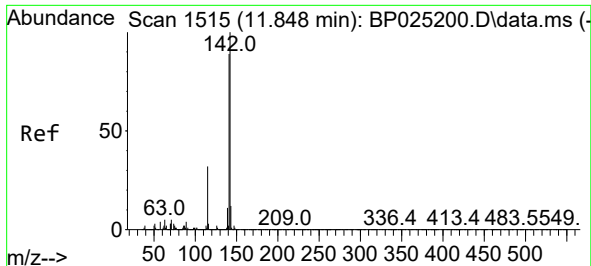
Ion Ratio Lower Upper

107 100

144 28.6 22.5 33.7

142 87.2 70.6 105.8

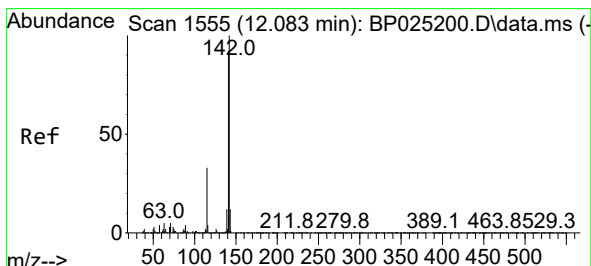
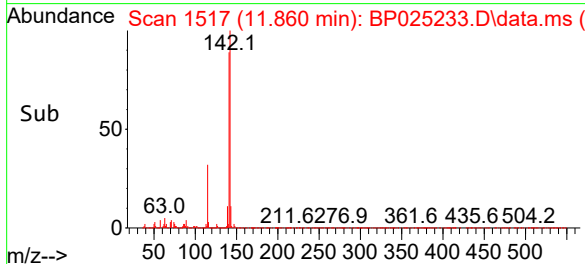
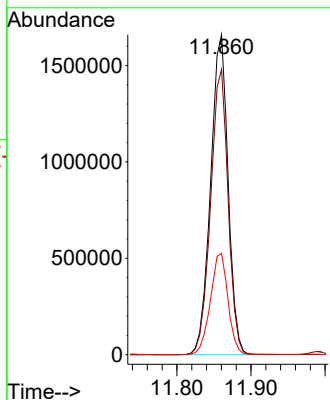
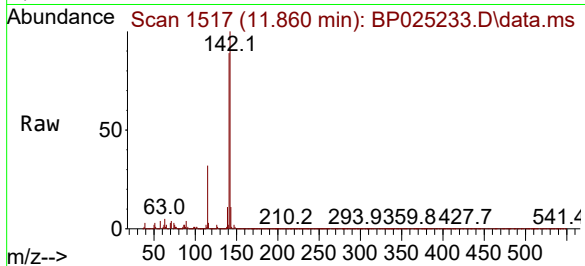




#37
2-Methylnaphthalene
Concen: 39.866 ng
RT: 11.860 min Scan# 1517
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

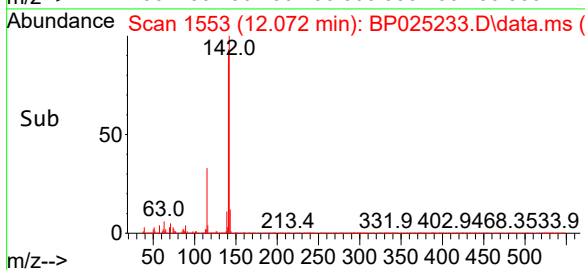
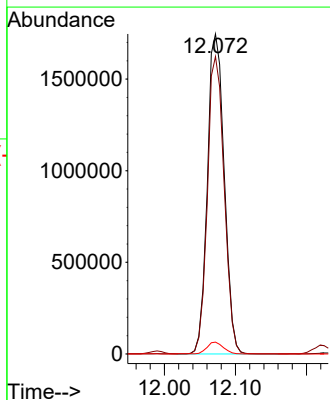
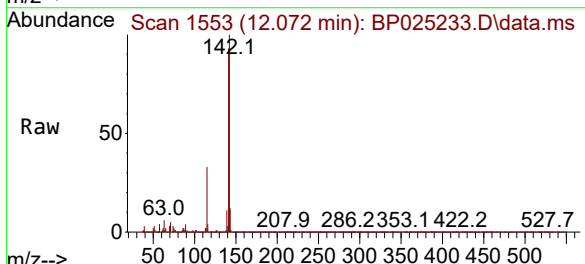
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

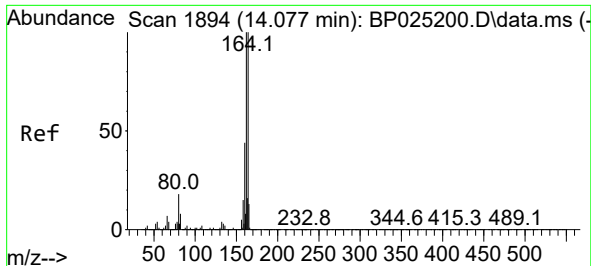
Tgt Ion:142 Resp: 2717041
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 31.7 25.3 37.9



#38
1-Methylnaphthalene
Concen: 40.117 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:142 Resp: 2872029
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.8
116 3.7 2.8 4.2

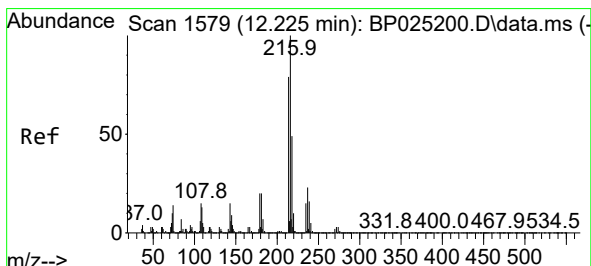
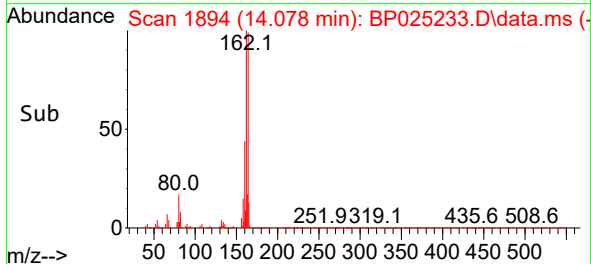
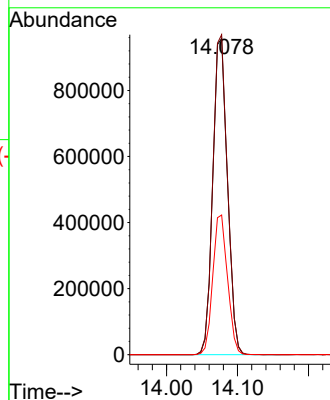
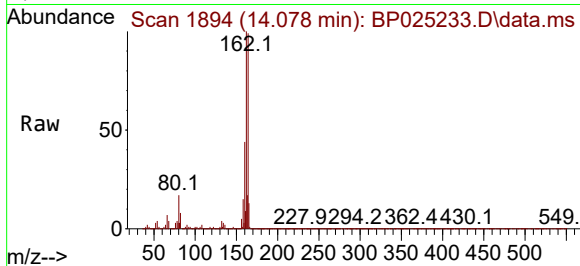




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

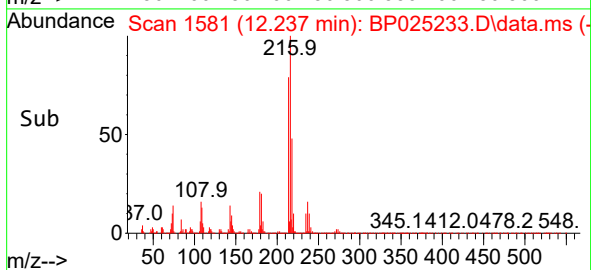
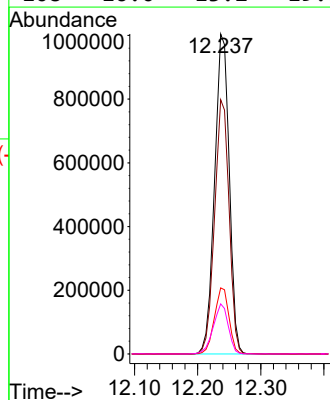
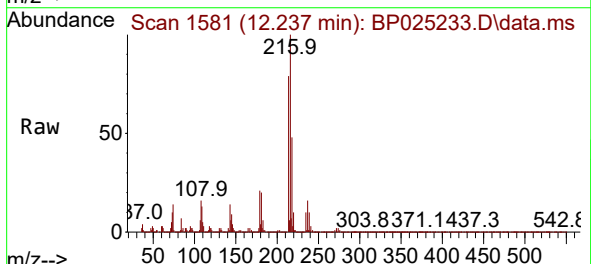
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

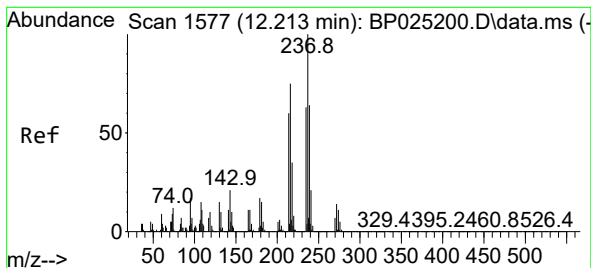
Tgt Ion:164 Resp: 1370558
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.2 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.302 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:216 Resp: 1614608
Ion Ratio Lower Upper
216 100
214 78.7 62.7 94.1
179 20.5 16.2 24.4
108 16.0 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 26.882 ng

RT: 12.225 min Scan# 1579

Delta R.T. 0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

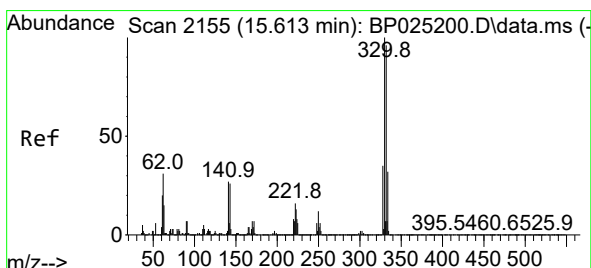
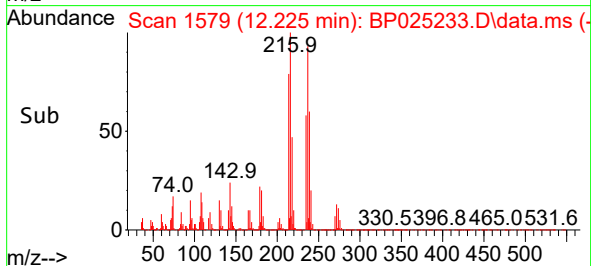
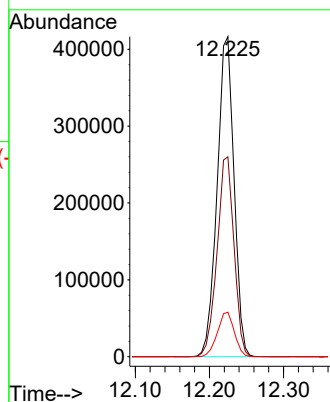
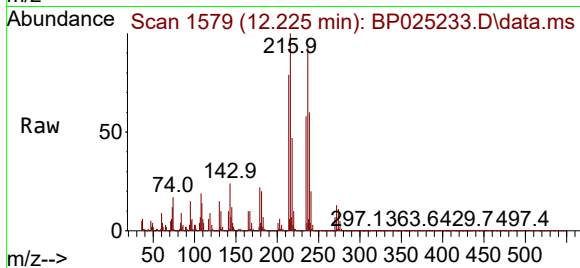
Tgt Ion:237 Resp: 659255

Ion Ratio Lower Upper

237 100

235 62.5 42.7 82.7

272 13.9 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 84.471 ng

RT: 15.607 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

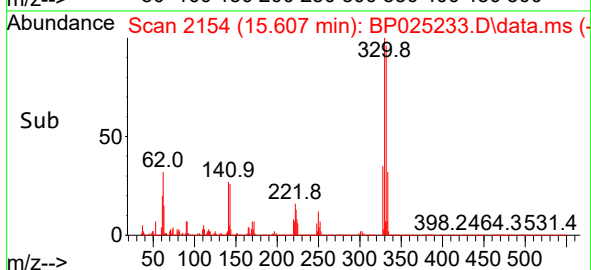
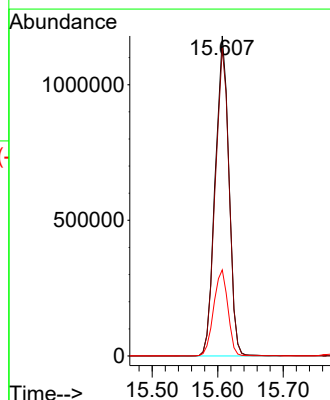
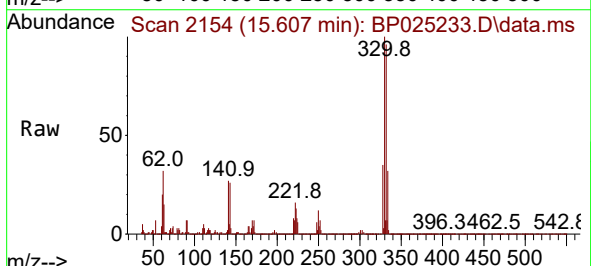
Tgt Ion:330 Resp: 1706747

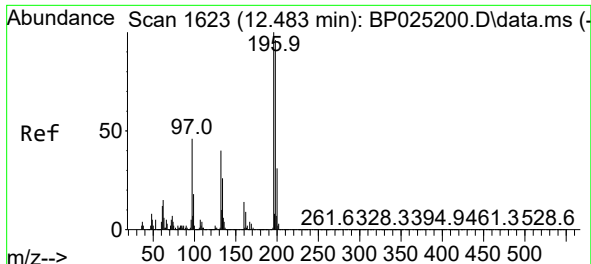
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 27.8 22.4 33.6

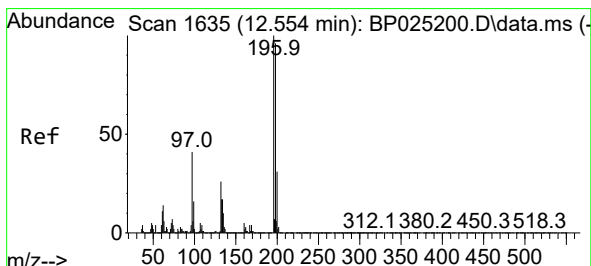
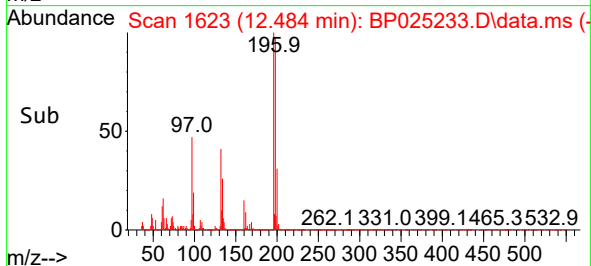
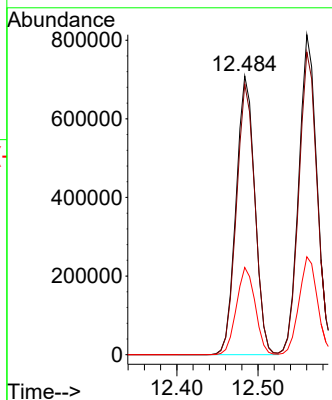
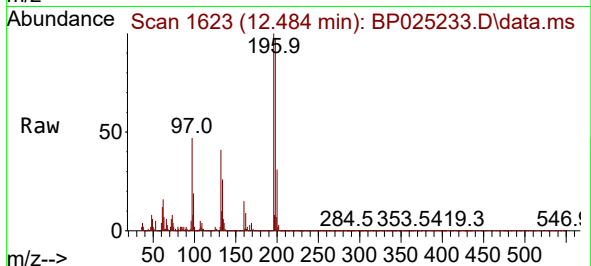




#43
2,4,6-Trichlorophenol
Concen: 40.487 ng
RT: 12.484 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

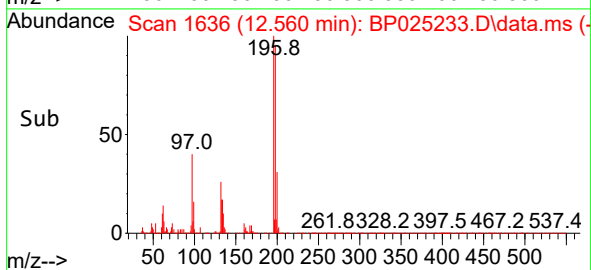
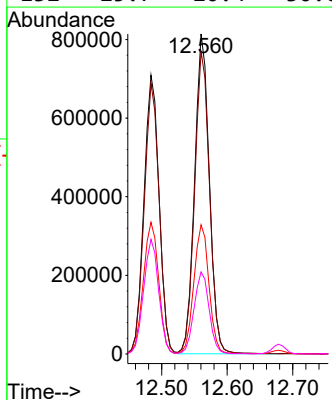
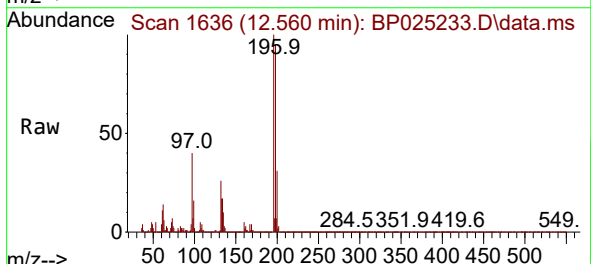
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

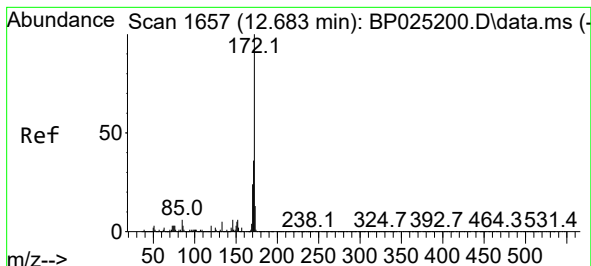
Tgt Ion:196 Resp: 1136475
Ion Ratio Lower Upper
196 100
198 97.1 76.6 114.8
200 31.3 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 41.417 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:196 Resp: 1279374
Ion Ratio Lower Upper
196 100
198 94.6 76.7 115.1
97 40.4 33.0 49.4
132 25.7 20.4 30.6





#45

2-Fluorobiphenyl

Concen: 79.162 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

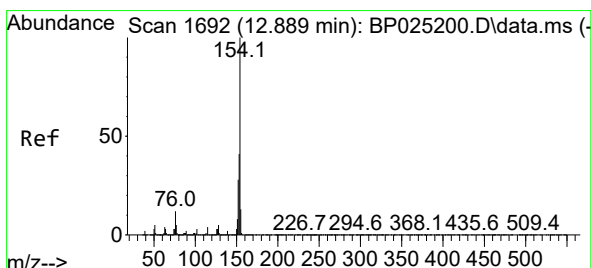
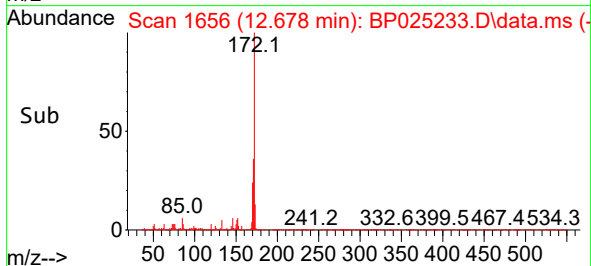
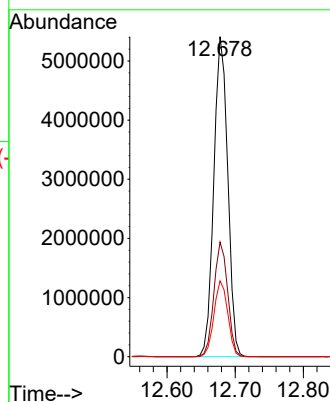
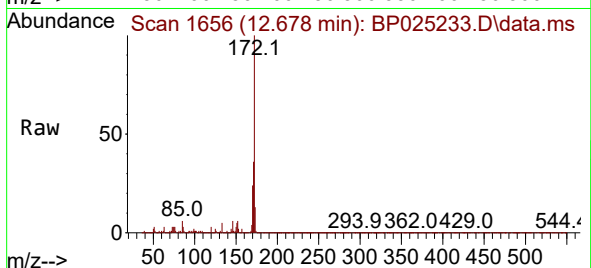
Tgt Ion:172 Resp: 7695730

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 19.2 28.8



#46

1,1'-Biphenyl

Concen: 39.129 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

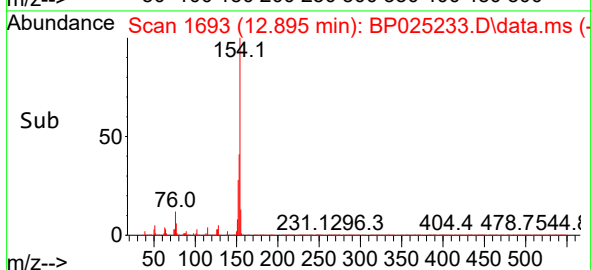
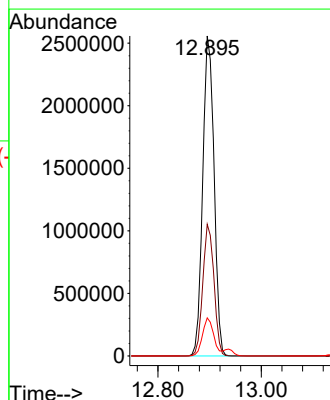
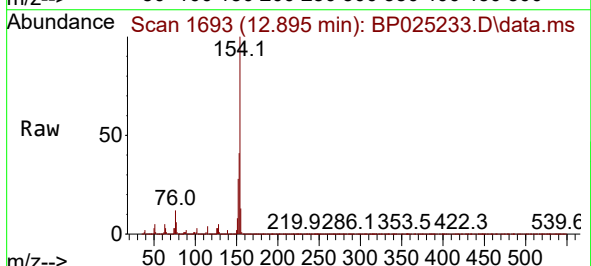
Tgt Ion:154 Resp: 3887696

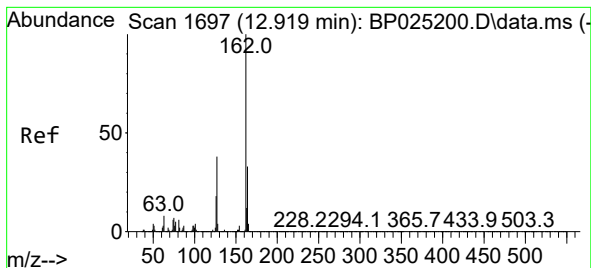
Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

76 11.9 0.0 31.6





#47

2-Chloronaphthalene

Concen: 39.721 ng

RT: 12.937 min Scan# 1700

Delta R.T. 0.018 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

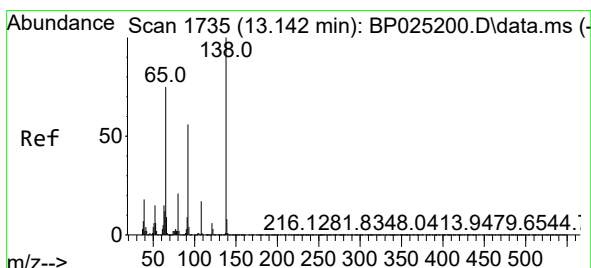
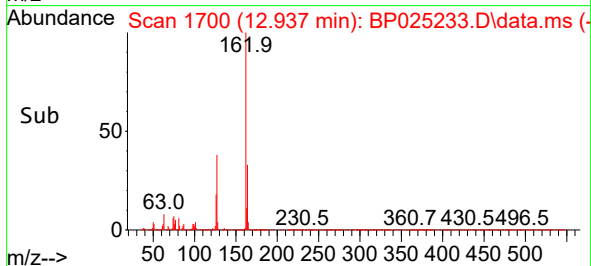
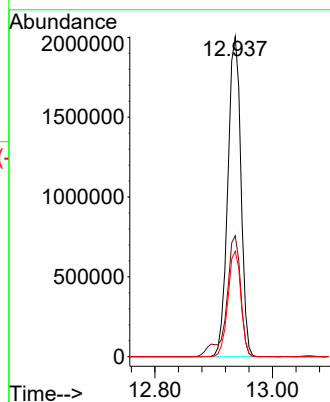
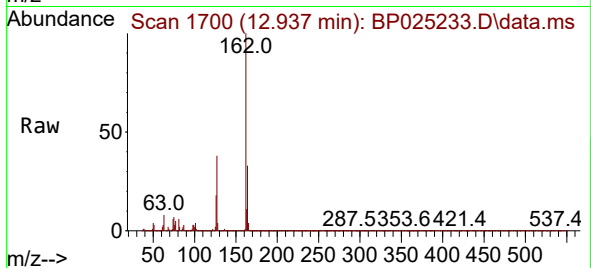
Tgt Ion:162 Resp: 3081144

Ion Ratio Lower Upper

162 100

127 37.8 30.1 45.1

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 41.019 ng

RT: 13.142 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

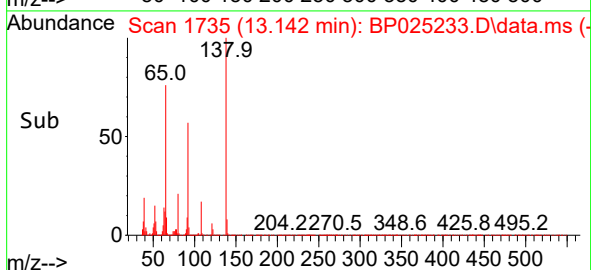
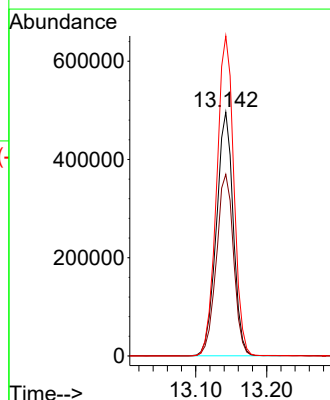
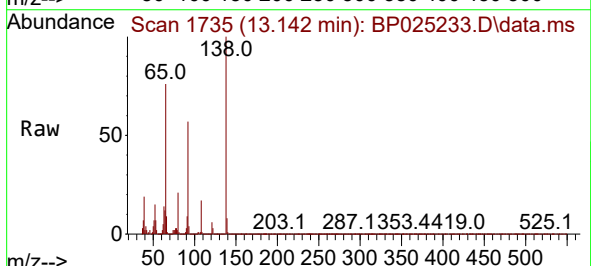
Tgt Ion: 65 Resp: 812555

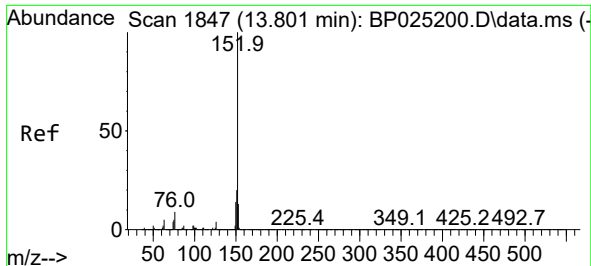
Ion Ratio Lower Upper

65 100

92 74.5 59.9 89.9

138 131.3 107.1 160.7

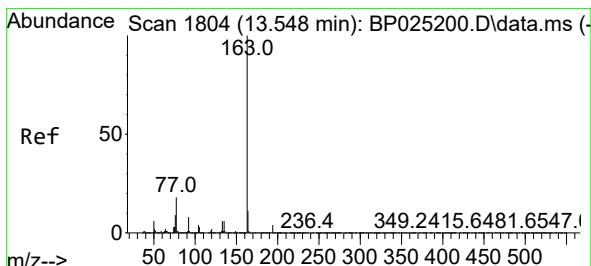
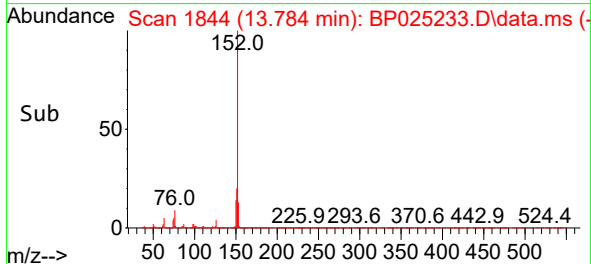
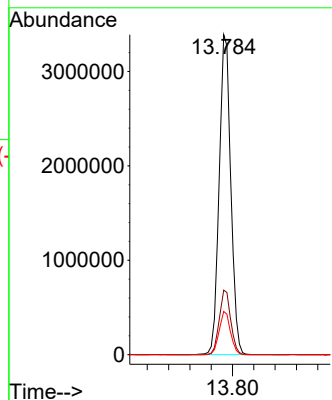
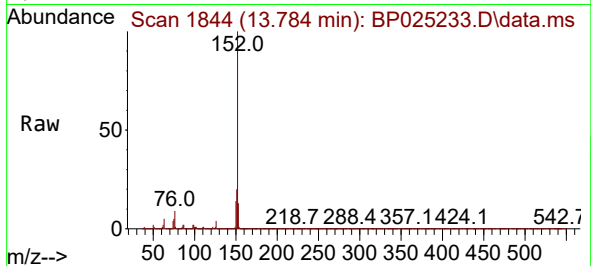




#49
Acenaphthylene
Concen: 40.650 ng
RT: 13.784 min Scan# 1844
Delta R.T. -0.017 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

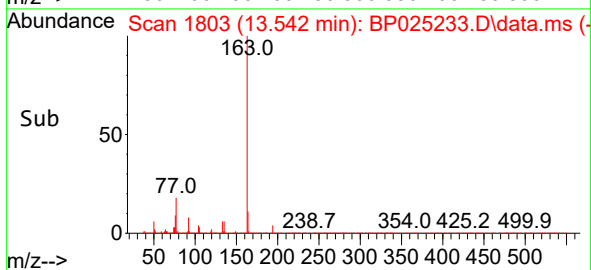
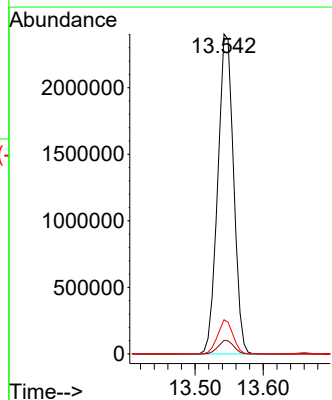
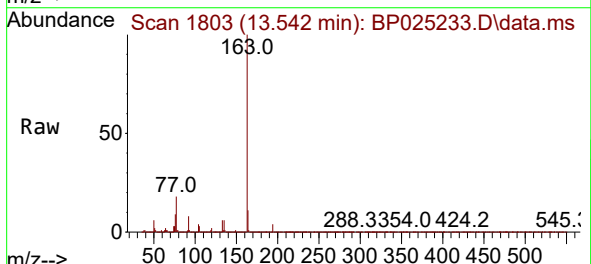
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

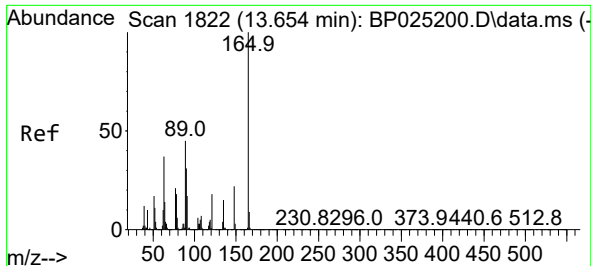
Tgt Ion:152 Resp: 5100046
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 39.591 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:163 Resp: 3880581
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.7 8.5 12.7

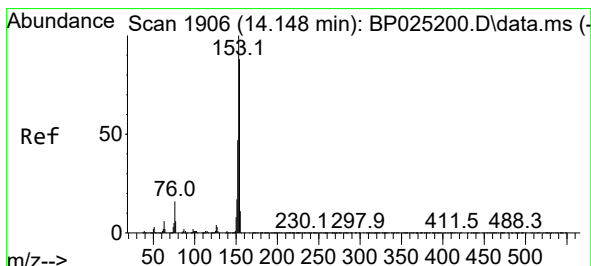
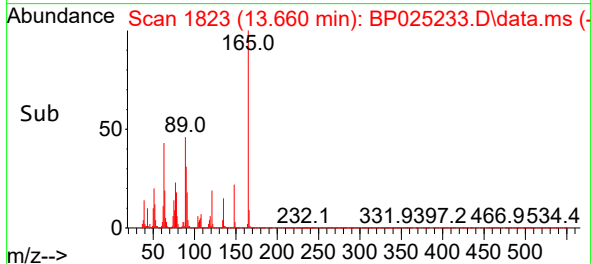
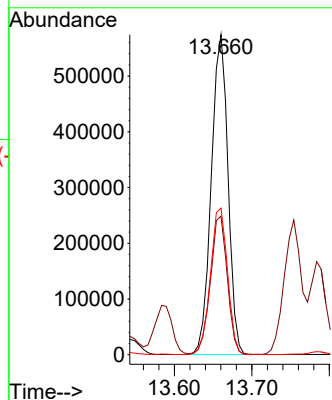
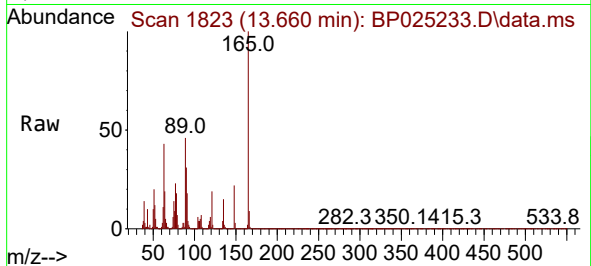




#51
2,6-Dinitrotoluene
Concen: 40.347 ng
RT: 13.660 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

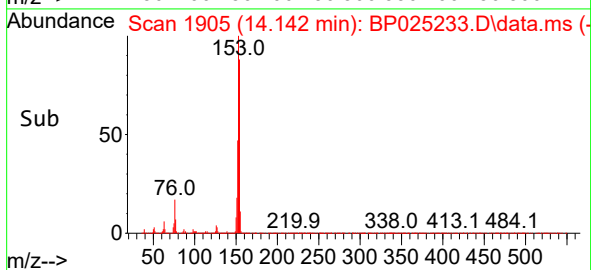
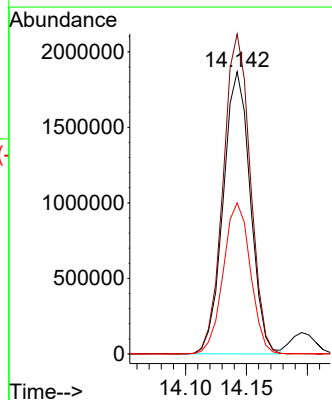
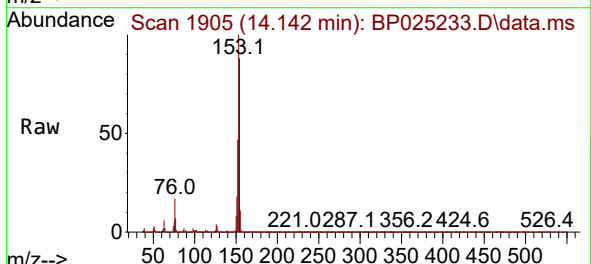
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

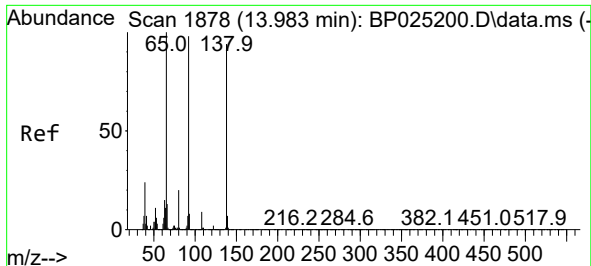
Tgt Ion:165 Resp: 859297
Ion Ratio Lower Upper
165 100
63 43.3 33.4 50.2
89 45.8 36.3 54.5



#52
Acenaphthene
Concen: 39.892 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:154 Resp: 2894112
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 53.5 42.9 64.3

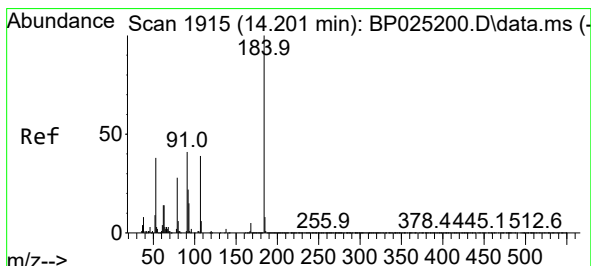
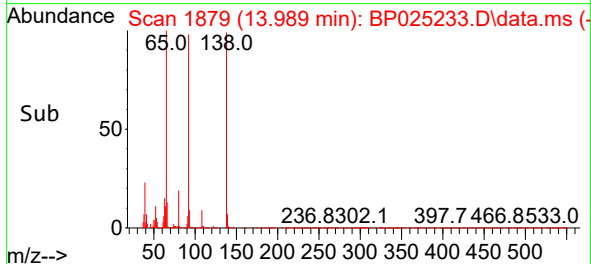
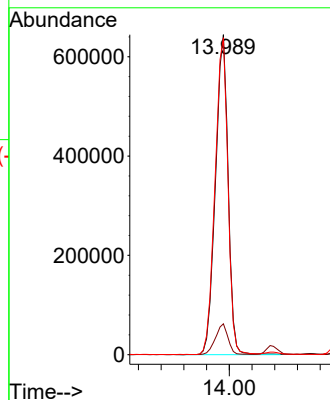
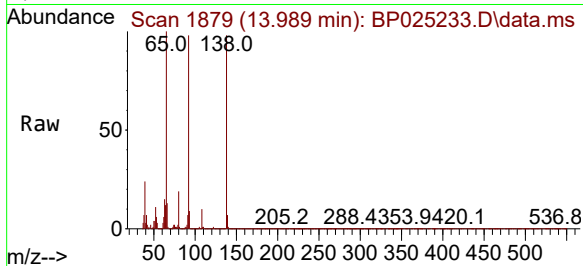




#53
3-Nitroaniline
Concen: 41.315 ng
RT: 13.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

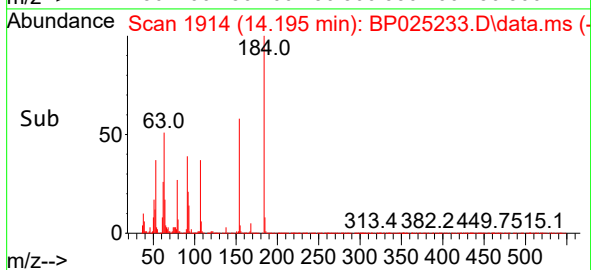
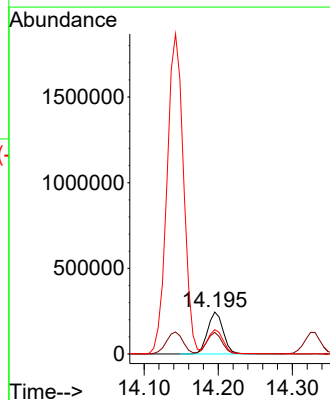
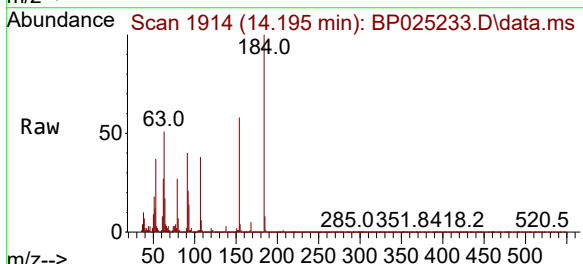
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

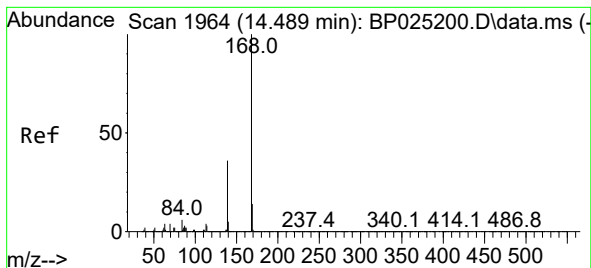
Tgt Ion:138 Resp: 992269
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 99.1 83.2 124.8



#54
2,4-Dinitrophenol
Concen: 28.461 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:184 Resp: 359141
Ion Ratio Lower Upper
184 100
63 51.5 41.8 62.8
154 58.1 45.7 68.5

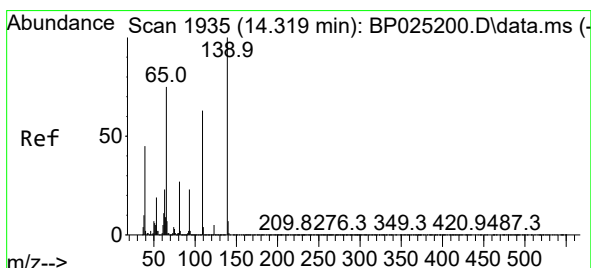
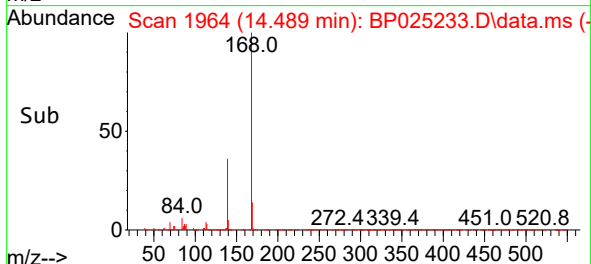
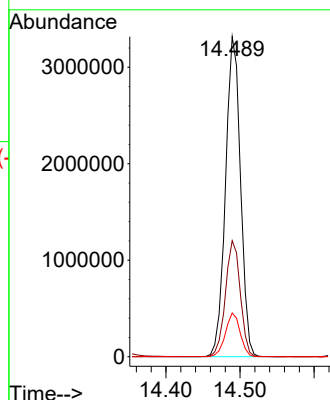
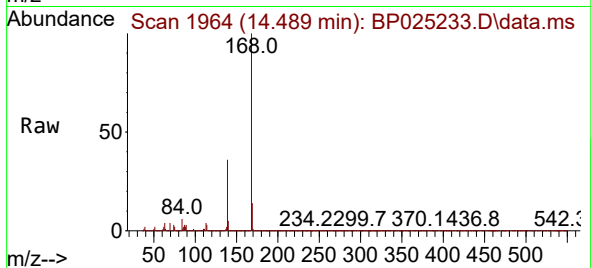




#55
Dibenzofuran
Concen: 39.729 ng
RT: 14.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

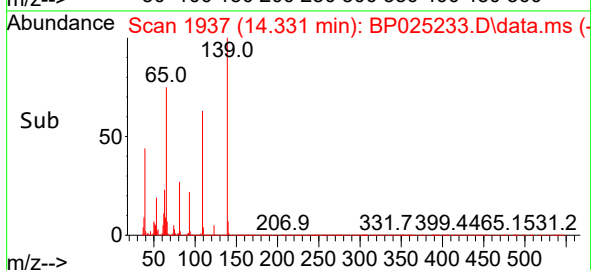
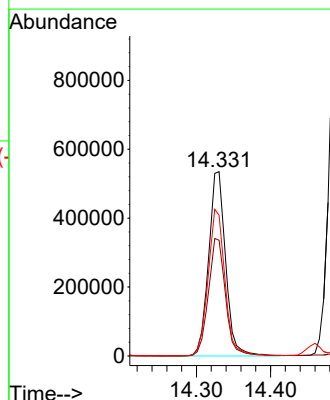
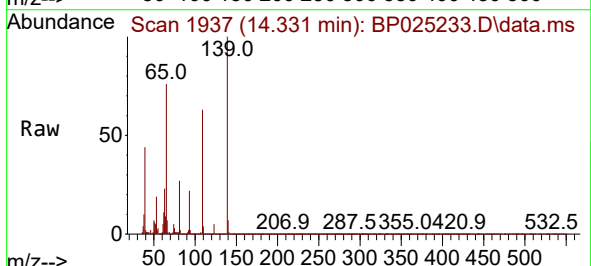
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

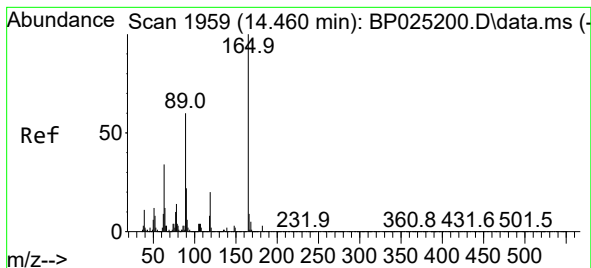
Tgt Ion:168 Resp: 4655796
Ion Ratio Lower Upper
168 100
139 36.2 28.7 43.1
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 41.574 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:139 Resp: 854420
Ion Ratio Lower Upper
139 100
109 62.8 42.6 82.6
65 76.4 55.4 95.4

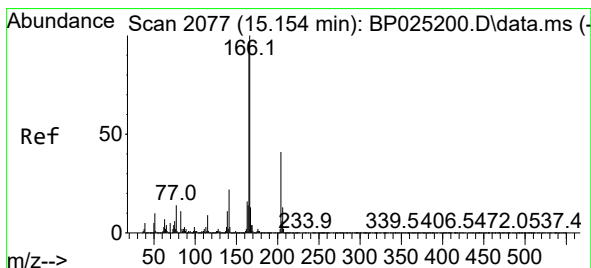
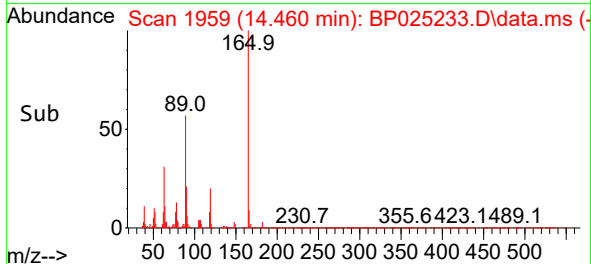
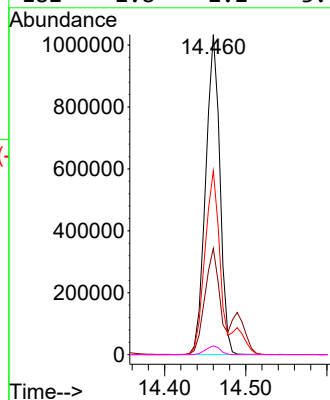
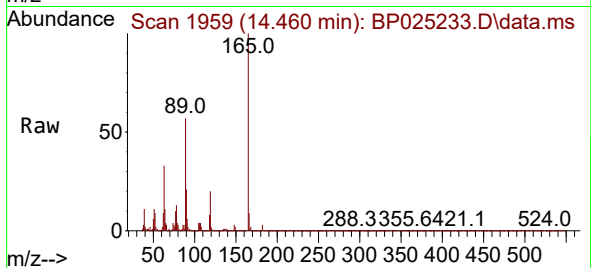




#57
2,4-Dinitrotoluene
Concen: 42.136 ng
RT: 14.460 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

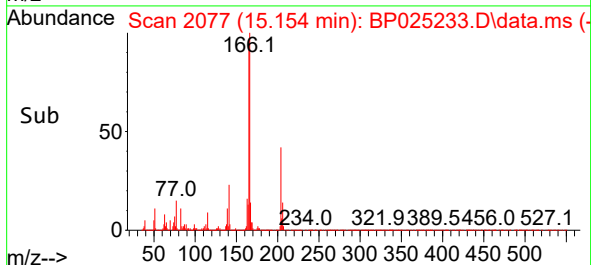
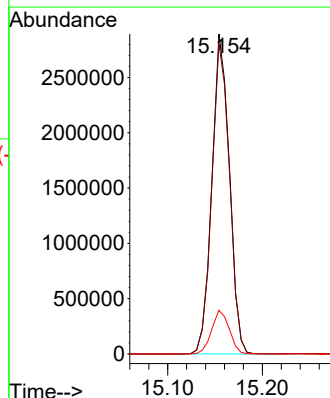
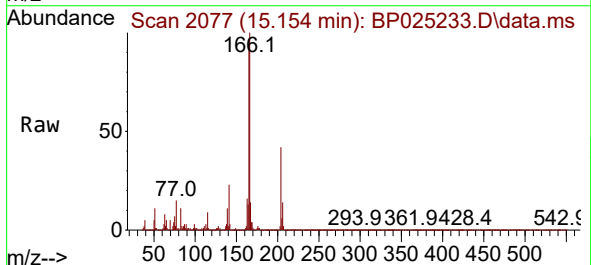
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

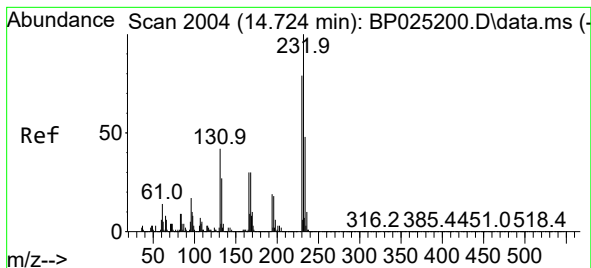
Tgt Ion:165 Resp: 1256168
Ion Ratio Lower Upper
165 100
63 33.2 27.0 40.4
89 57.4 47.8 71.6
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.103 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:166 Resp: 3731050
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.6 10.7 16.1



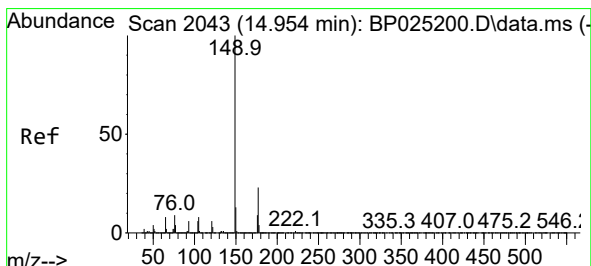
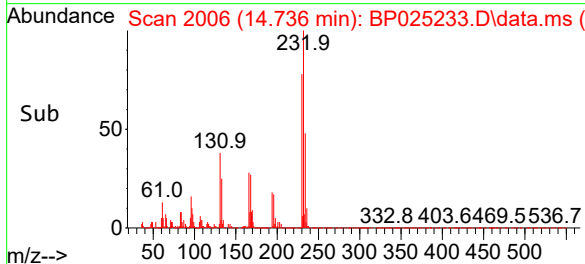
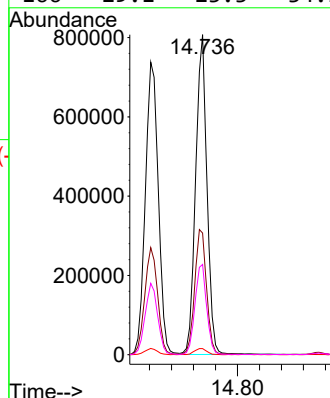
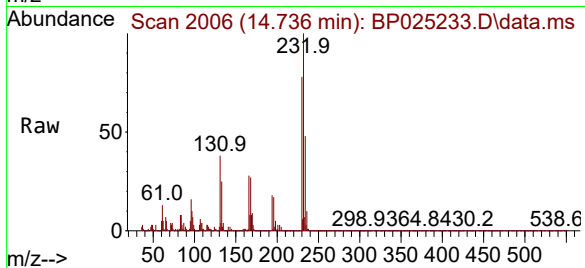


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.216 ng
RT: 14.736 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 1154082

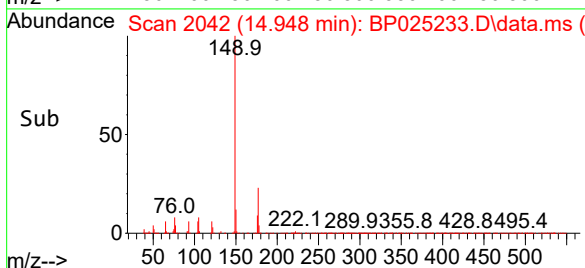
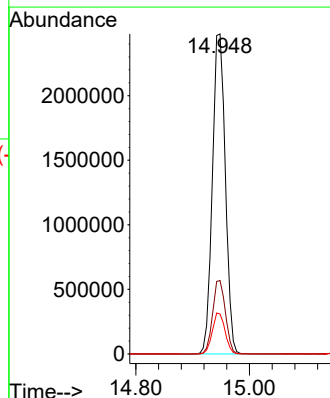
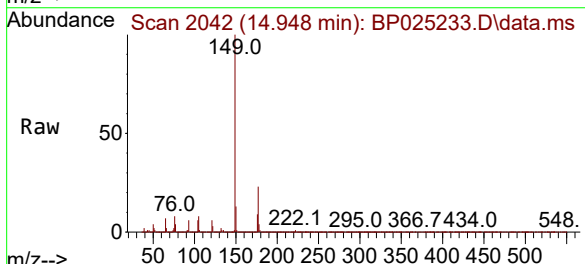
Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.6	48.8
130	2.1	1.6	2.4
166	29.1	23.3	34.9

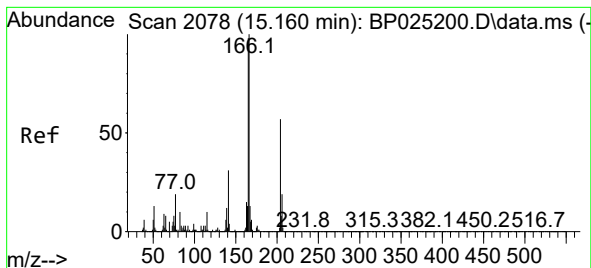


#60
Diethylphthalate
Concen: 40.436 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 3906414

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.5	10.0	15.0

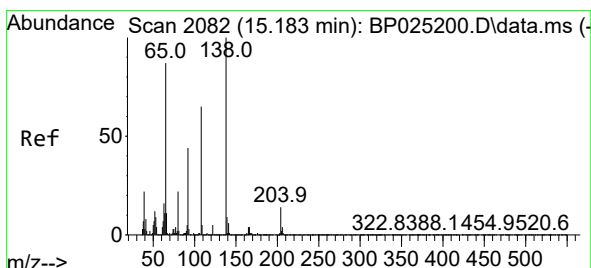
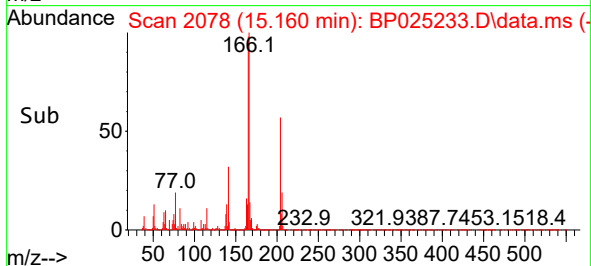
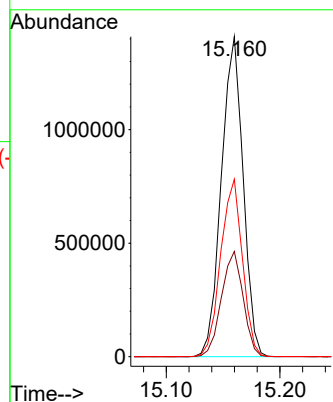
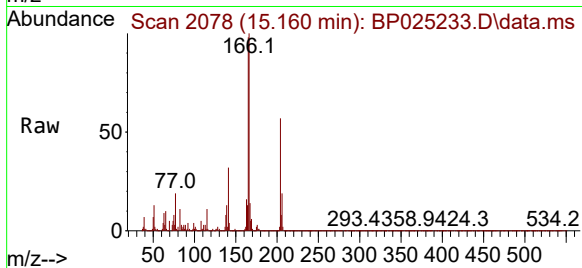




#61
4-Chlorophenyl-phenylether
Concen: 39.914 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

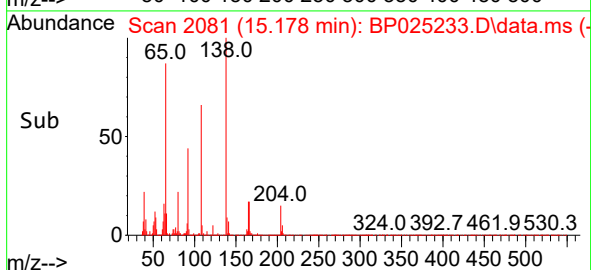
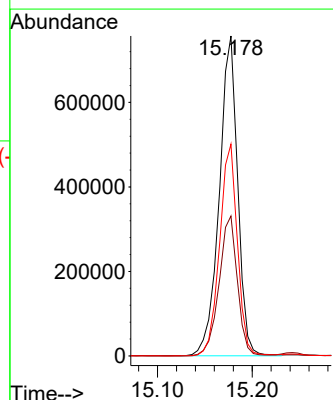
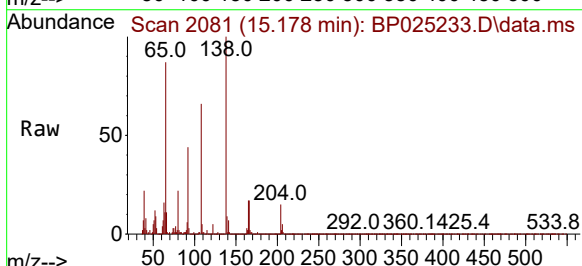
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

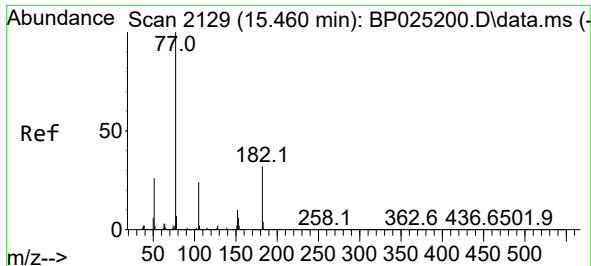
Tgt Ion:204 Resp: 1876429
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 55.4 43.0 64.6



#62
4-Nitroaniline
Concen: 41.969 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:138 Resp: 1025103
Ion Ratio Lower Upper
138 100
92 43.7 24.0 64.0
108 66.2 44.9 84.9



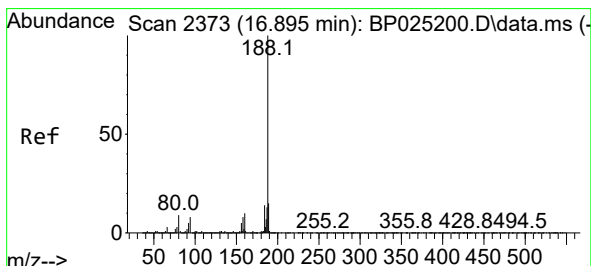
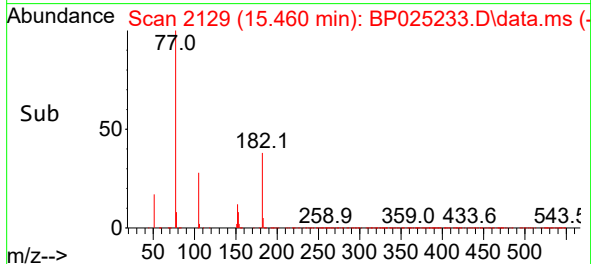
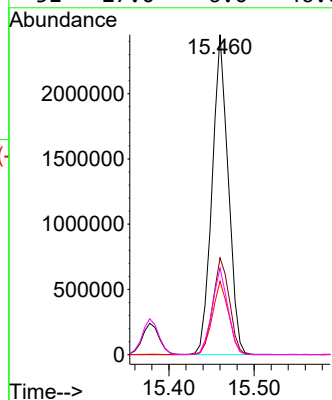
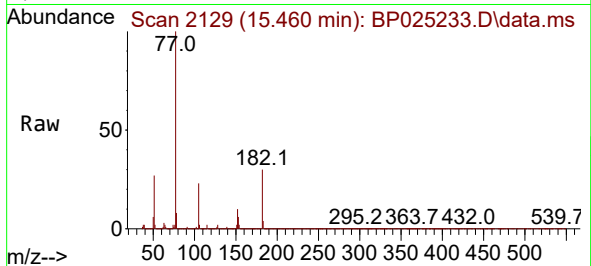


#63
Azobenzene
Concen: 40.936 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 3222733

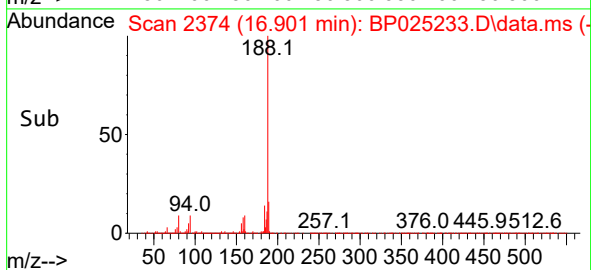
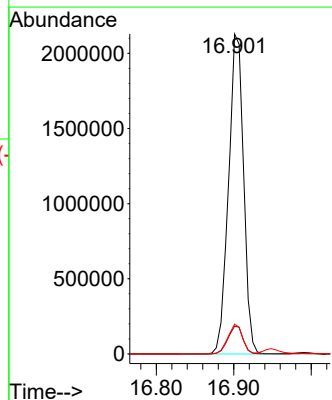
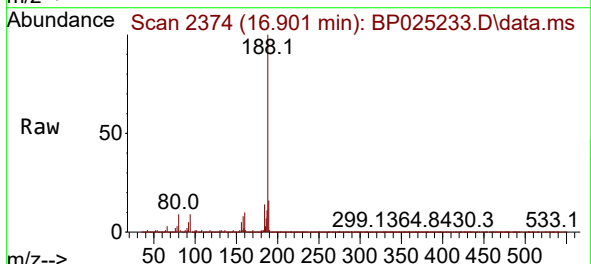
Ion	Ratio	Lower	Upper
77	100		
182	30.3	12.0	52.0
105	23.0	3.6	43.6
51	27.0	6.0	46.0

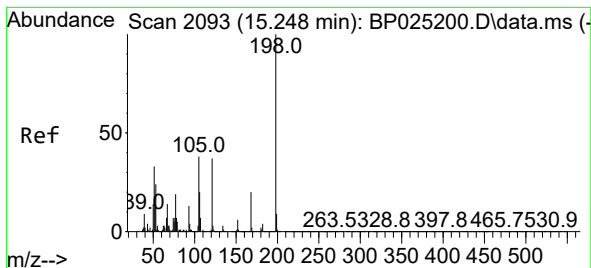


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 188 Resp: 2883559

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.3	7.3	10.9

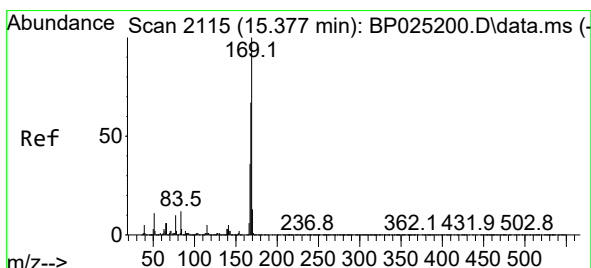
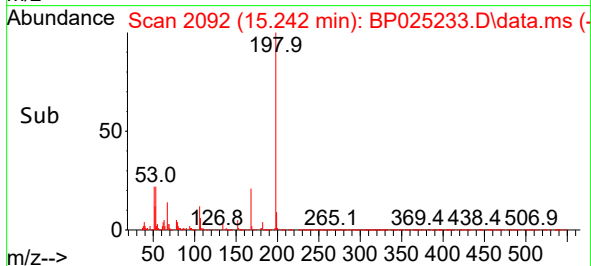
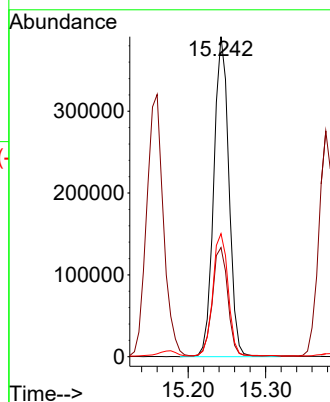
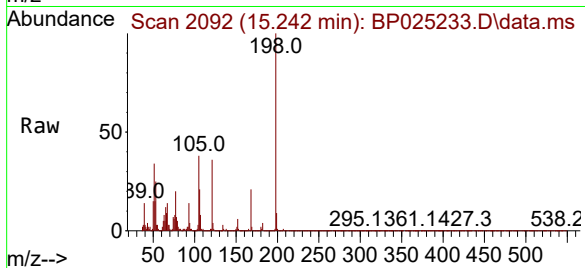




#65
4,6-Dinitro-2-methylphenol
Concen: 28.505 ng
RT: 15.242 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

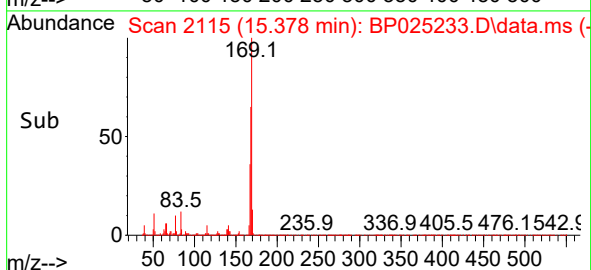
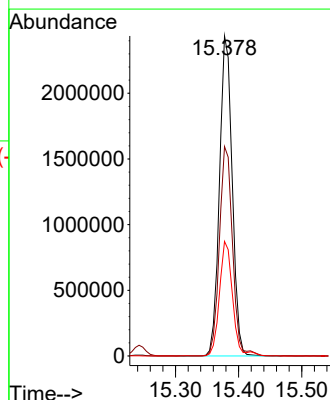
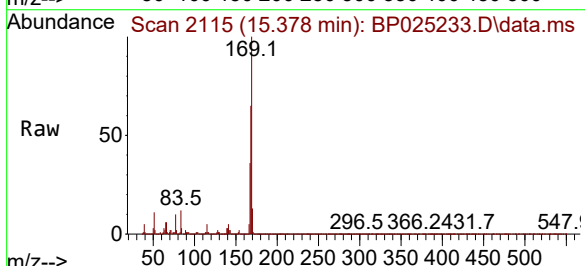
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

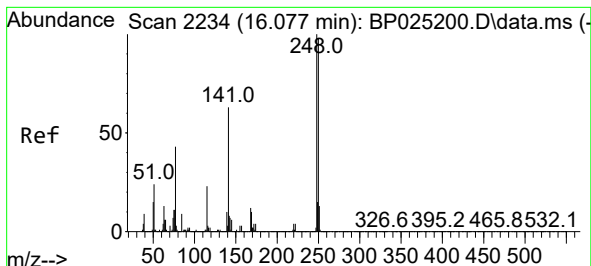
Tgt Ion:198 Resp: 530459
Ion Ratio Lower Upper
198 100
51 34.1 14.6 54.6
105 38.5 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 38.963 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:169 Resp: 3410177
Ion Ratio Lower Upper
169 100
168 65.5 53.7 80.5
167 35.8 29.0 43.6

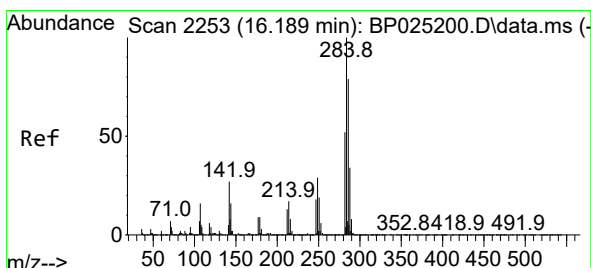
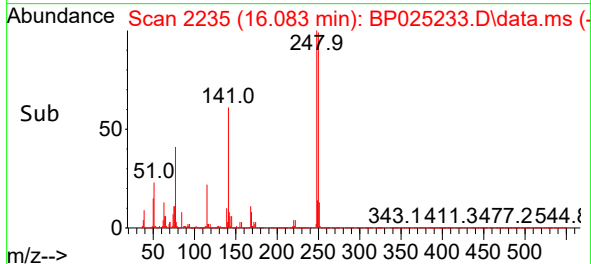
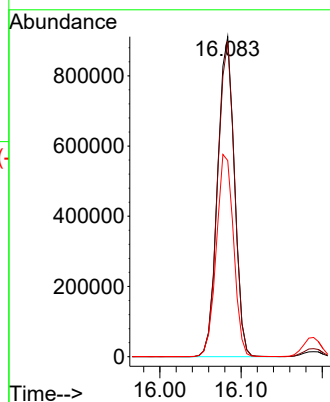
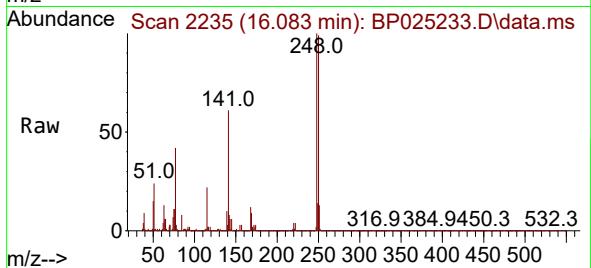




#67
4-Bromophenyl-phenylether
Concen: 39.056 ng
RT: 16.083 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

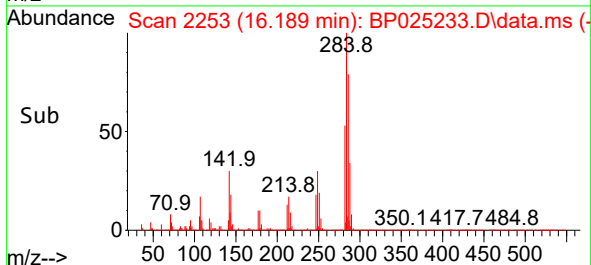
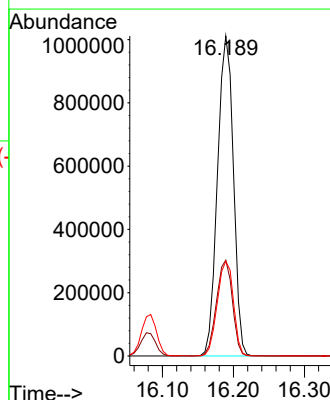
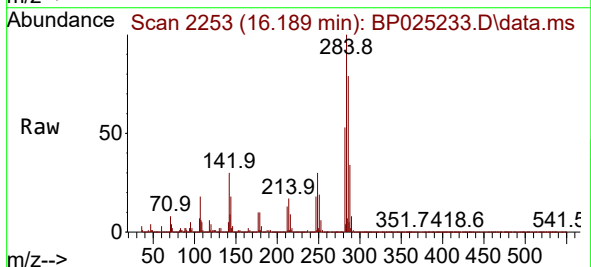
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

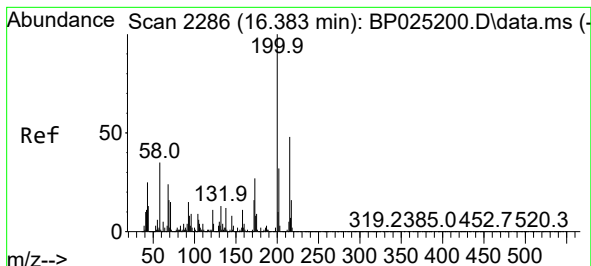
Tgt Ion:248 Resp: 1314338
Ion Ratio Lower Upper
248 100
250 98.5 78.5 117.7
141 61.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 39.216 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:284 Resp: 1567252
Ion Ratio Lower Upper
284 100
142 30.0 21.5 32.3
249 29.6 23.4 35.0





#69

Atrazine

Concen: 39.181 ng

RT: 16.372 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

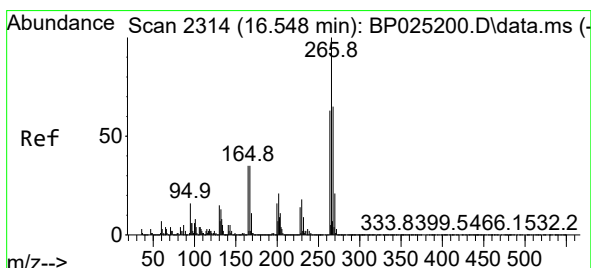
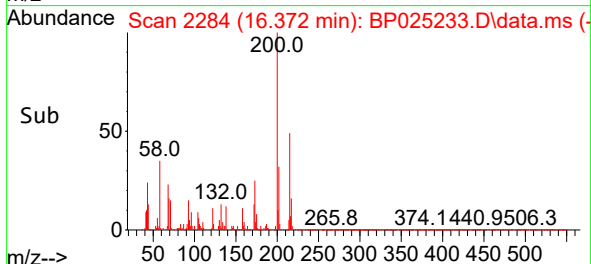
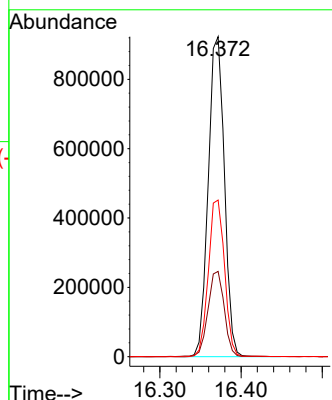
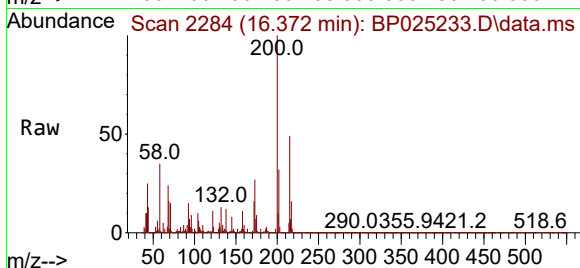
Tgt Ion:200 Resp: 1268958

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 49.0 28.5 68.5



#70

Pentachlorophenol

Concen: 41.595 ng

RT: 16.548 min Scan# 2314

Delta R.T. 0.000 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

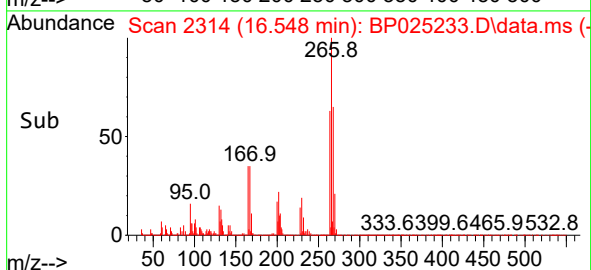
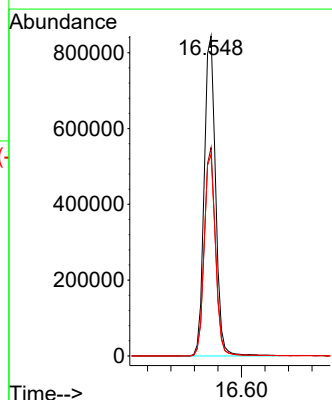
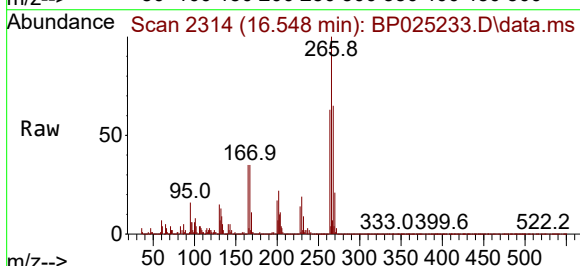
Tgt Ion:266 Resp: 1130406

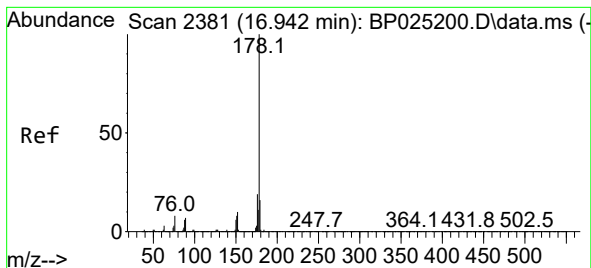
Ion Ratio Lower Upper

266 100

268 65.1 51.8 77.6

264 62.9 50.3 75.5





#71

Phenanthrene

Concen: 38.944 ng

RT: 16.942 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

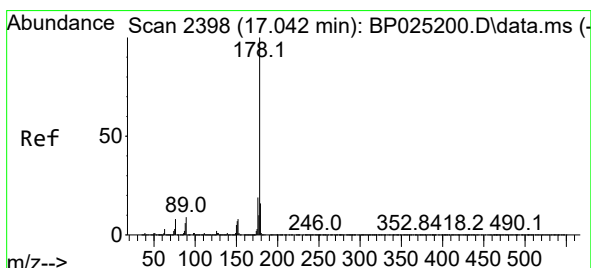
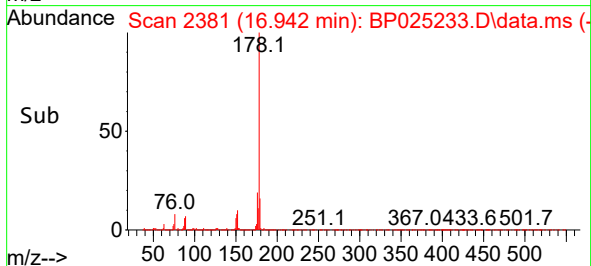
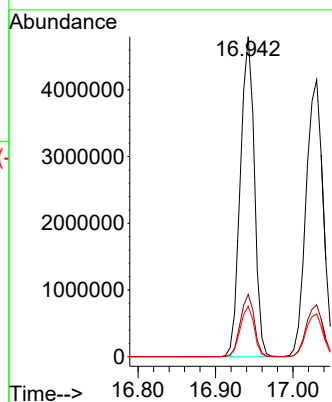
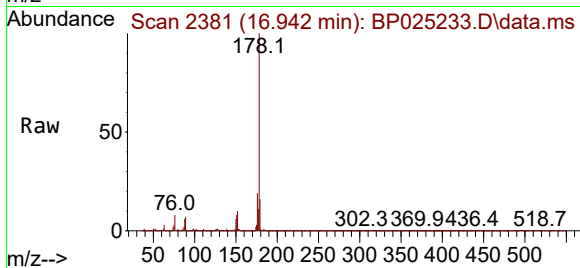
Tgt Ion:178 Resp: 6056777

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.7 12.5 18.7



#72

Anthracene

Concen: 40.390 ng

RT: 17.030 min Scan# 2396

Delta R.T. -0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

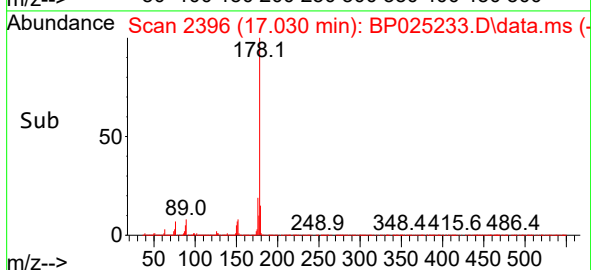
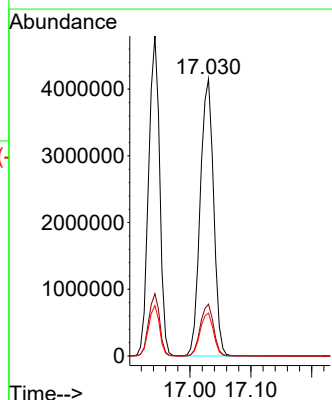
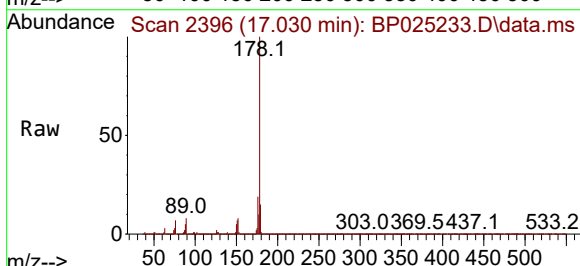
Tgt Ion:178 Resp: 6328083

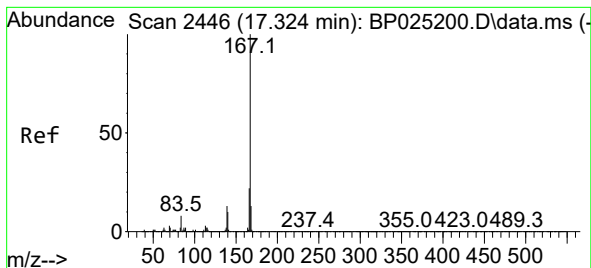
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.5 12.5 18.7





#73

Carbazole

Concen: 39.575 ng

RT: 17.313 min Scan# 2444

Delta R.T. -0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

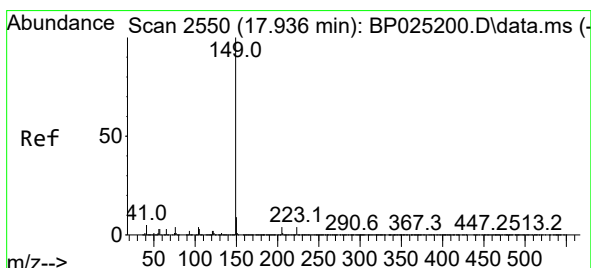
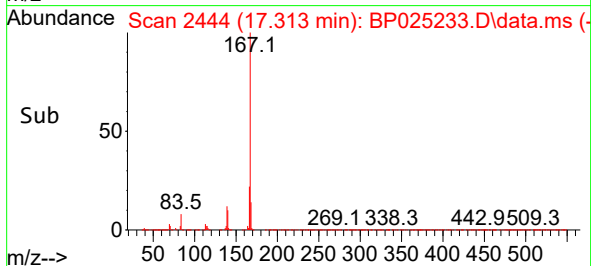
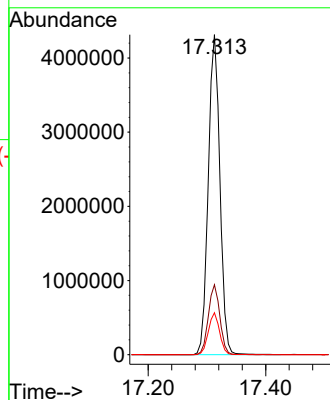
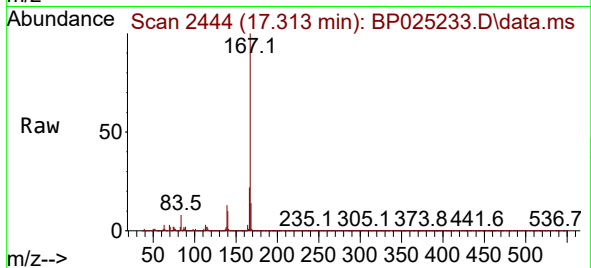
Tgt Ion:167 Resp: 5919022

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.1 10.1 15.1



#74

Di-n-butylphthalate

Concen: 42.030 ng

RT: 17.942 min Scan# 2551

Delta R.T. 0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

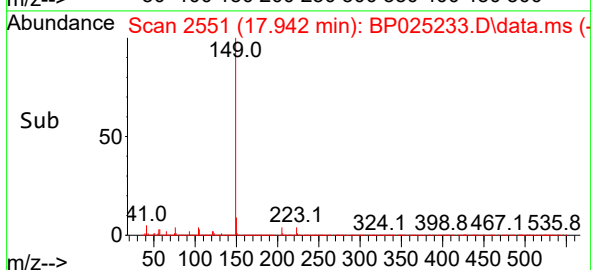
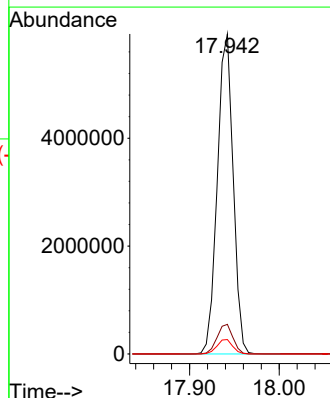
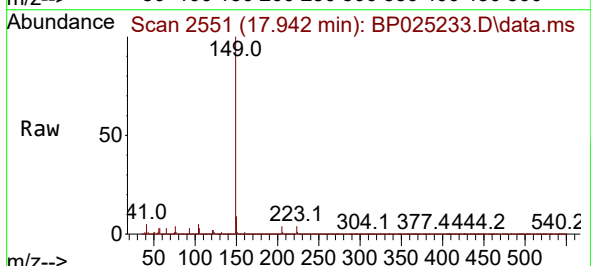
Tgt Ion:149 Resp: 7253259

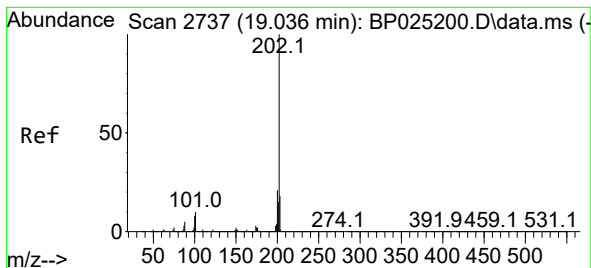
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 40.243 ng

RT: 19.048 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

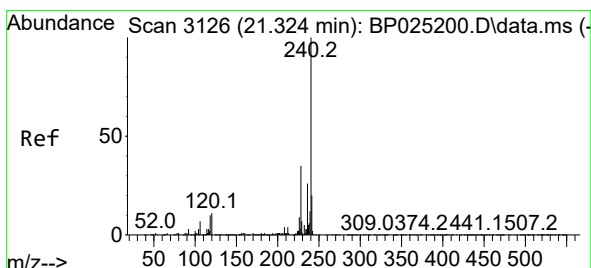
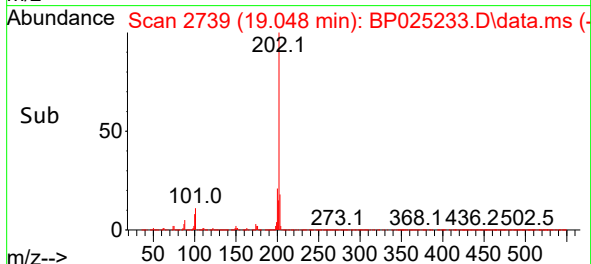
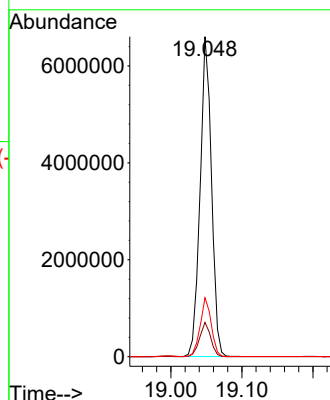
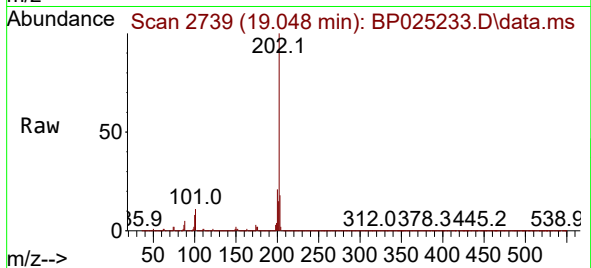
Tgt Ion:202 Resp: 7366038

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

203 18.4 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.342 min Scan# 3129

Delta R.T. 0.018 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

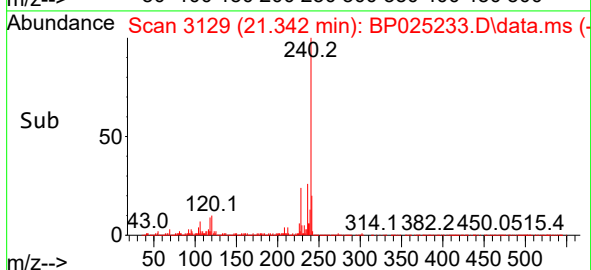
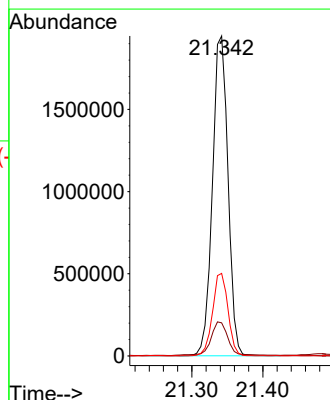
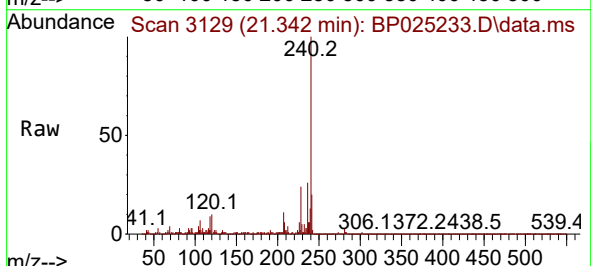
Tgt Ion:240 Resp: 2956396

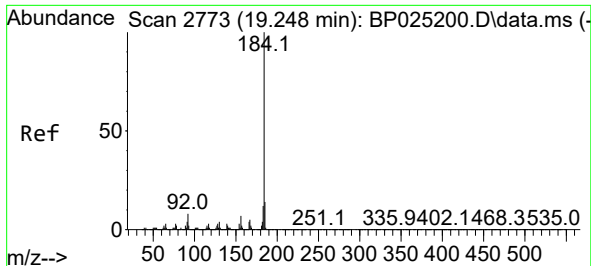
Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

236 25.8 20.9 31.3

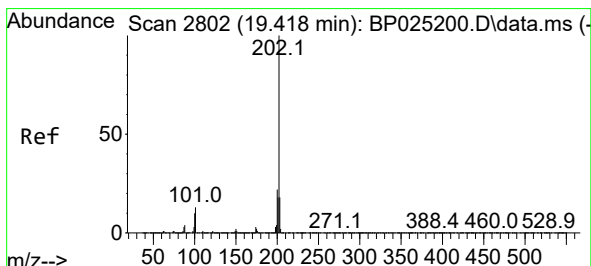
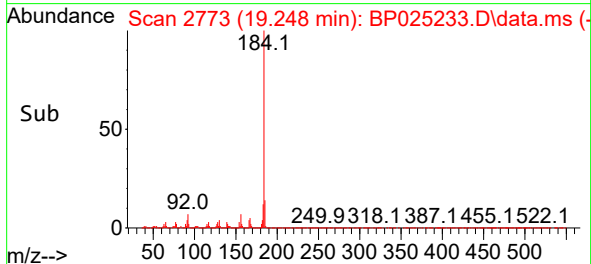
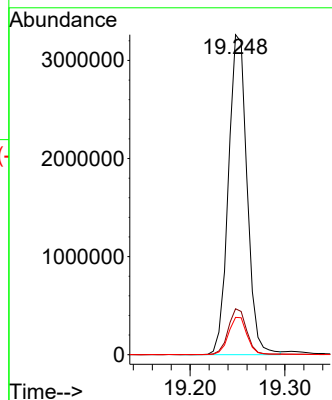
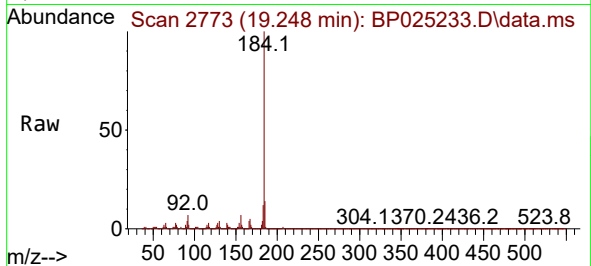




#77
Benzidine
Concen: 42.911 ng
RT: 19.248 min Scan# 2773
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

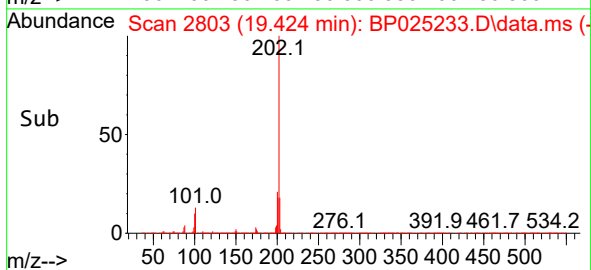
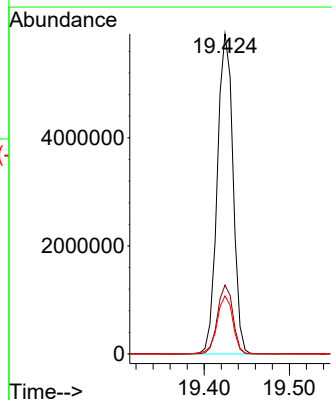
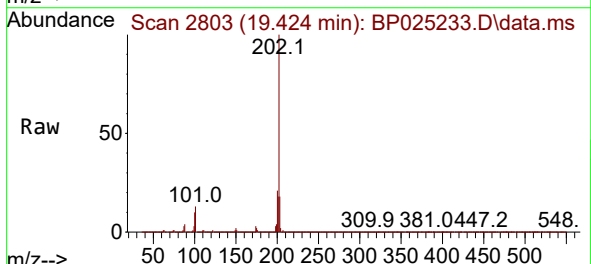
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

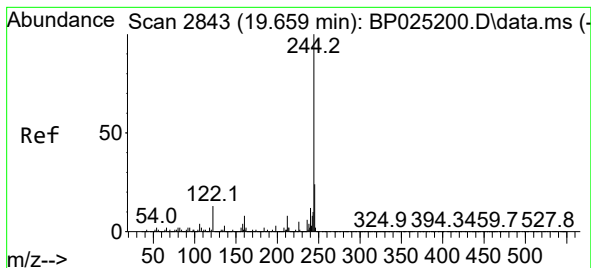
Tgt Ion:184 Resp: 4453862
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.7 9.6 14.4



#78
Pyrene
Concen: 41.466 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:202 Resp: 7558775
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 82.843 ng

RT: 19.654 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

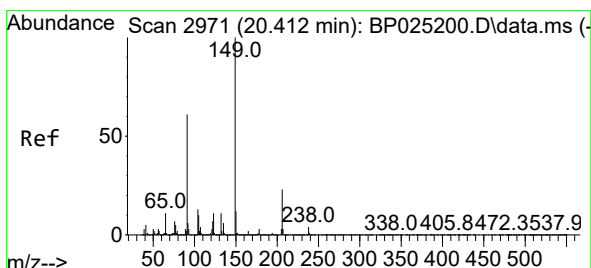
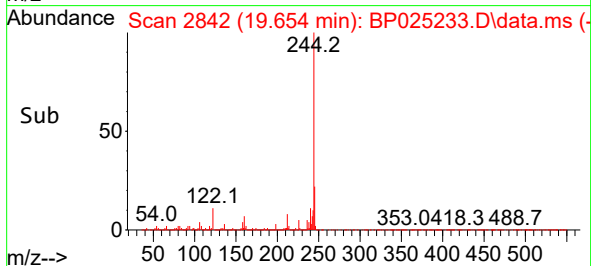
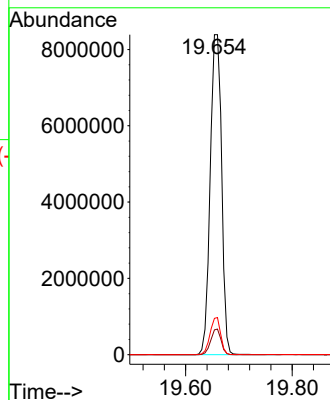
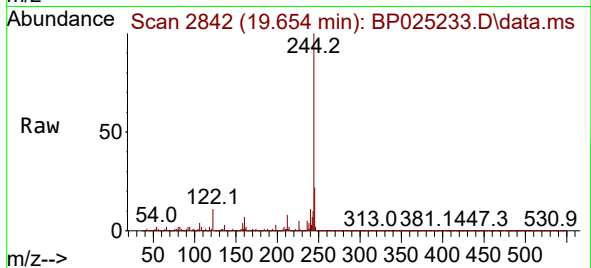
Tgt Ion:244 Resp:12406923

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

122 11.4 10.3 15.5



#80

Butylbenzylphthalate

Concen: 43.234 ng

RT: 20.407 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

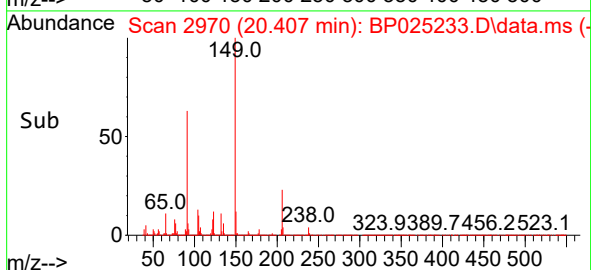
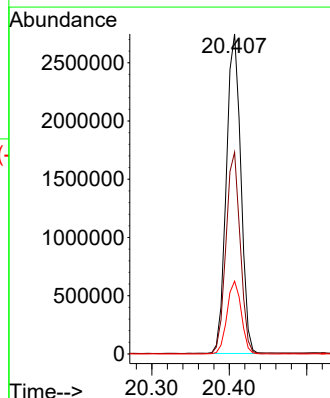
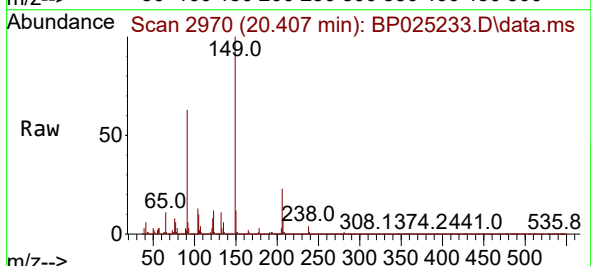
Tgt Ion:149 Resp: 3567496

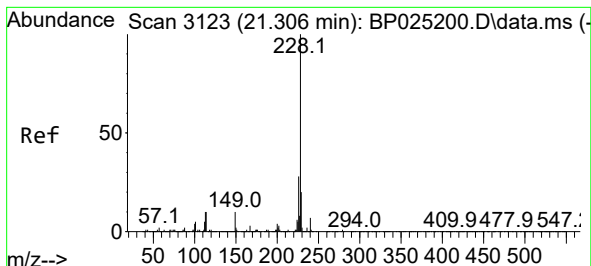
Ion Ratio Lower Upper

149 100

91 63.1 48.8 73.2

206 22.7 18.4 27.6





#81

Benzo(a)anthracene

Concen: 40.325 ng

RT: 21.324 min Scan# 3113

Delta R.T. 0.018 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

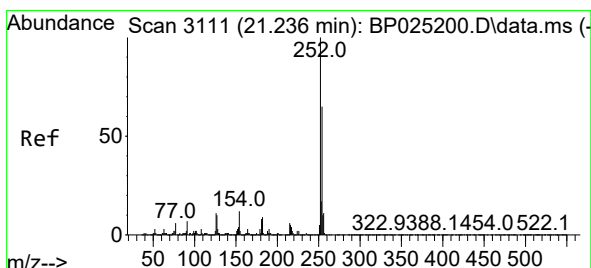
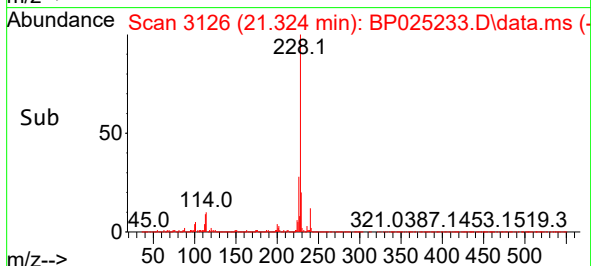
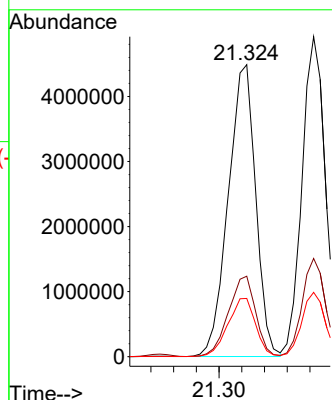
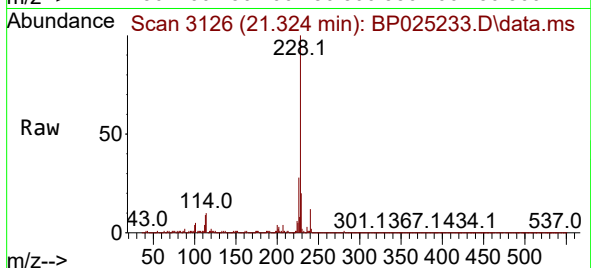
Tgt Ion:228 Resp: 7528594

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 40.249 ng

RT: 21.248 min Scan# 3113

Delta R.T. 0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

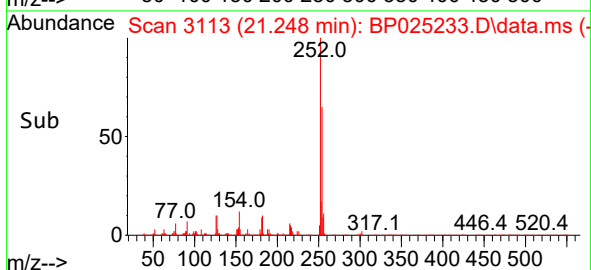
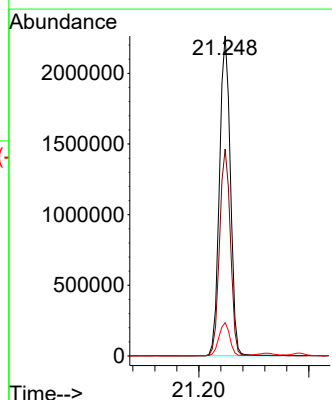
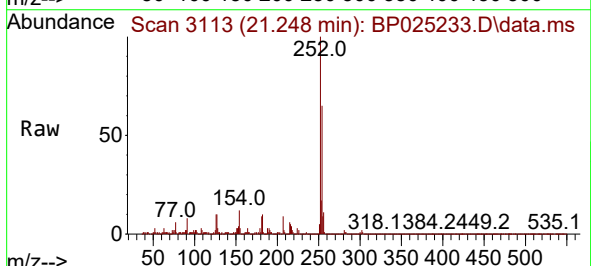
Tgt Ion:252 Resp: 3114856

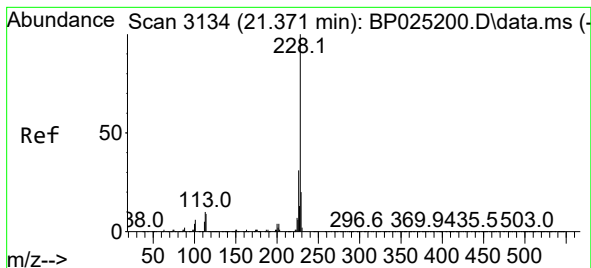
Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

126 10.4 8.6 12.8





#83

Chrysene

Concen: 40.000 ng

RT: 21.383 min Scan# 3136

Delta R.T. 0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

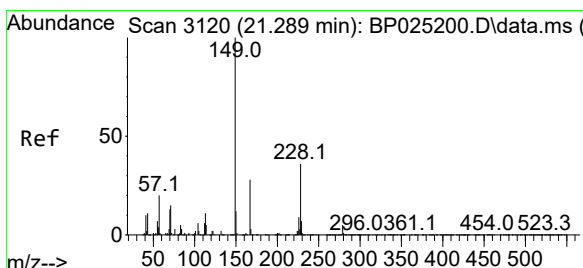
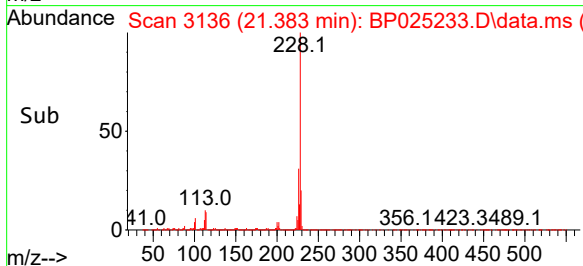
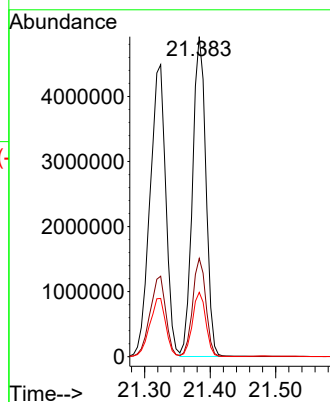
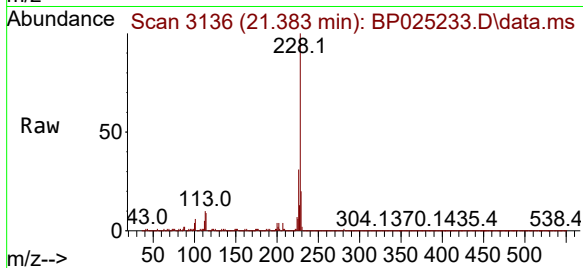
Tgt Ion:228 Resp: 6971303

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.592 ng

RT: 21.295 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

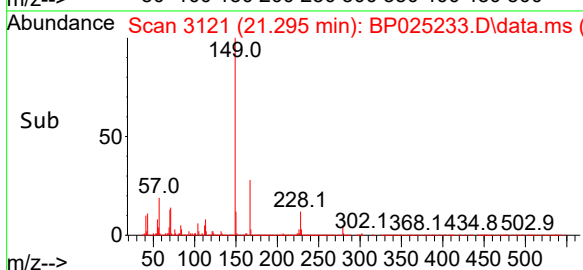
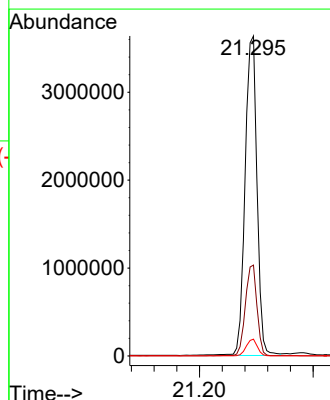
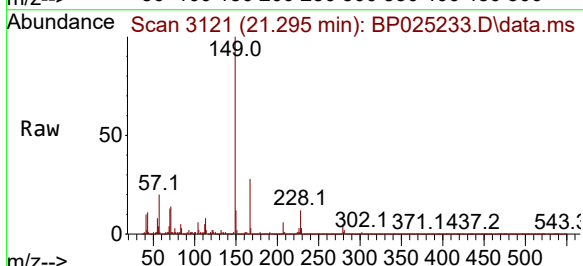
Tgt Ion:149 Resp: 5261242

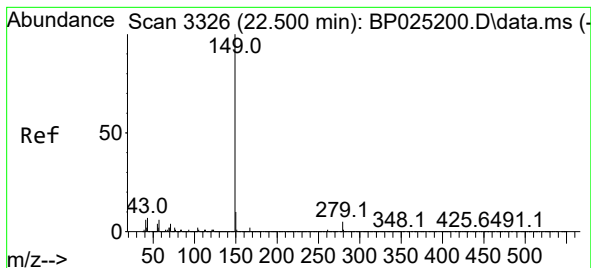
Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 43.938 ng

RT: 22.507 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

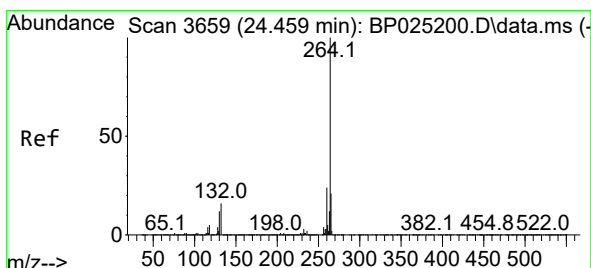
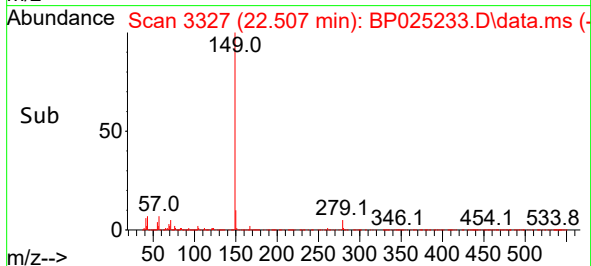
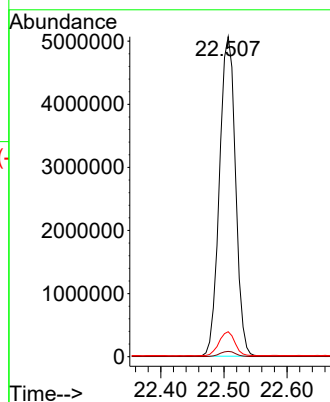
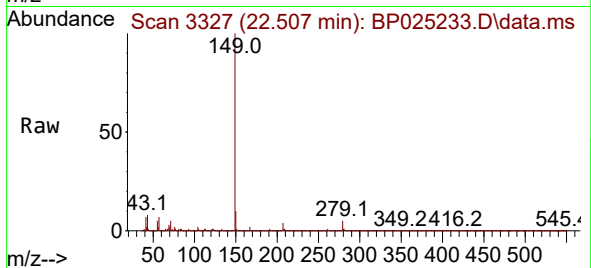
Tgt Ion:149 Resp: 8952122

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3662

Delta R.T. 0.018 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

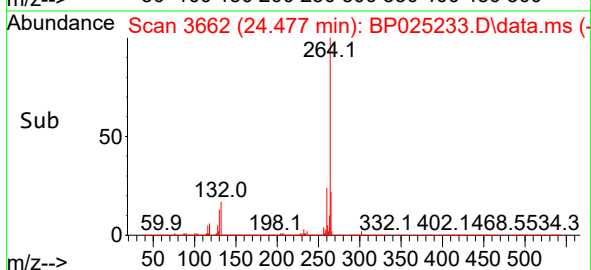
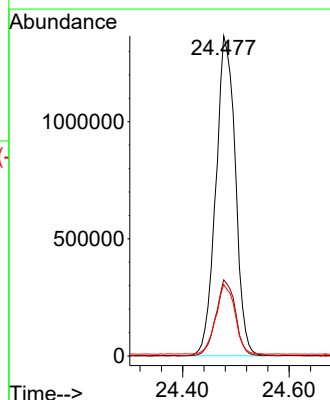
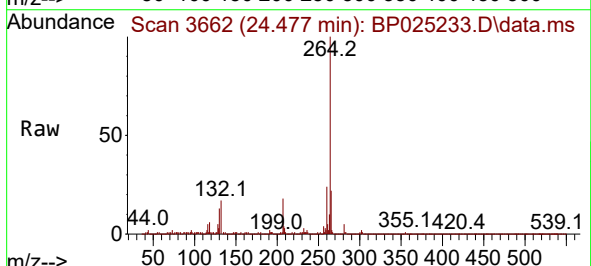
Tgt Ion:264 Resp: 3473449

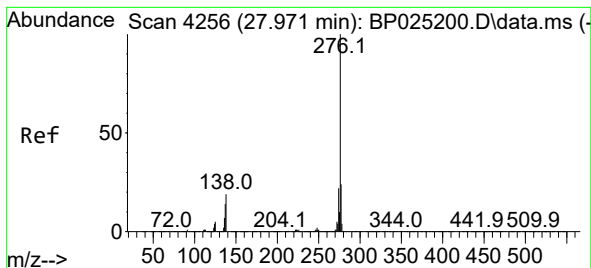
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.306 ng

RT: 28.012 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

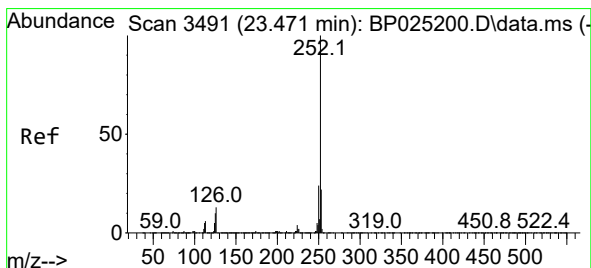
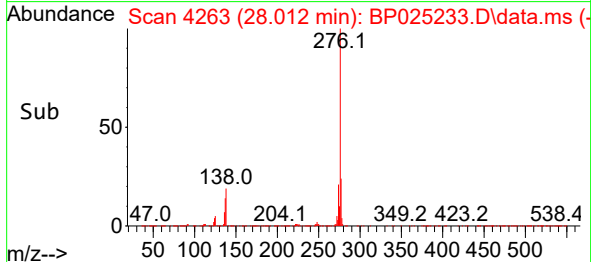
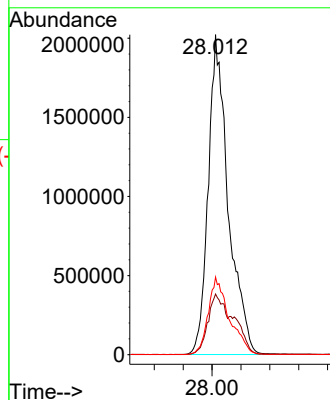
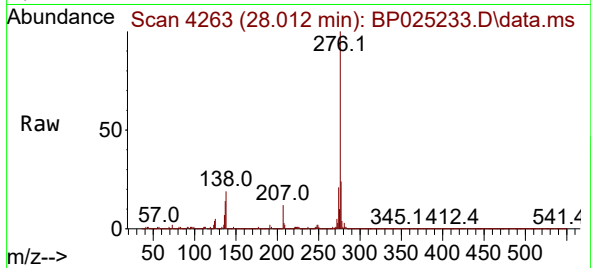
Tgt Ion:276 Resp: 9723383

Ion Ratio Lower Upper

276 100

138 16.7 12.8 19.2

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.633 ng

RT: 23.489 min Scan# 3494

Delta R.T. 0.018 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

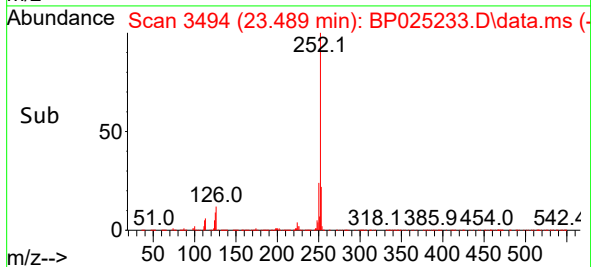
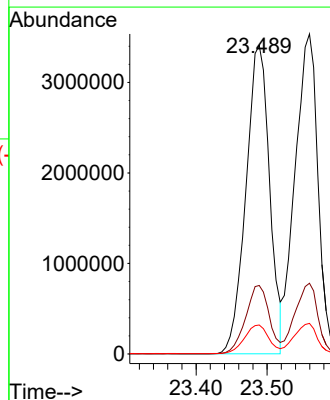
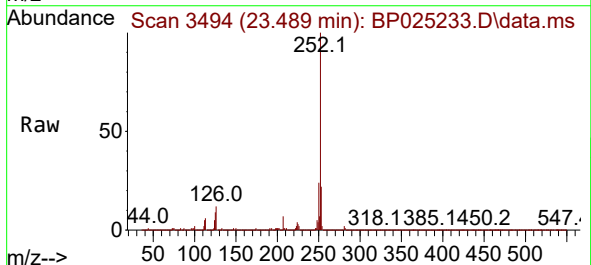
Tgt Ion:252 Resp: 7879892

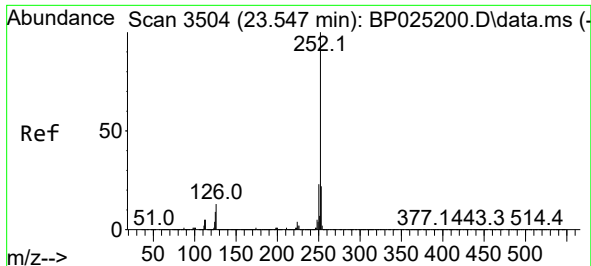
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.4 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 40.134 ng

RT: 23.560 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

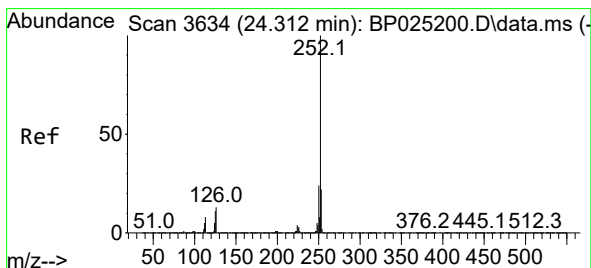
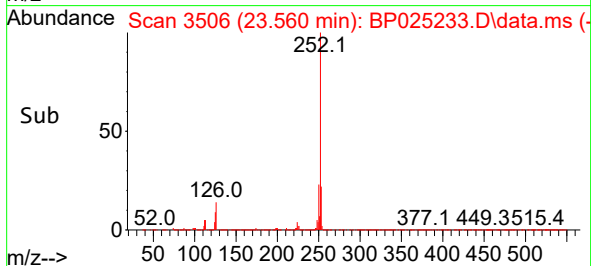
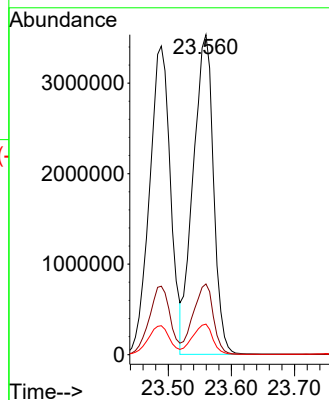
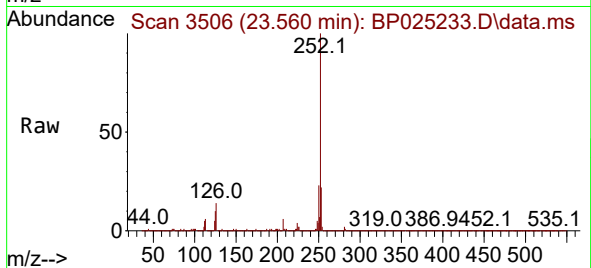
Tgt Ion:252 Resp: 7877583

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.6 7.5 11.3



#90

Benzo(a)pyrene

Concen: 39.694 ng

RT: 24.330 min Scan# 3637

Delta R.T. 0.018 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

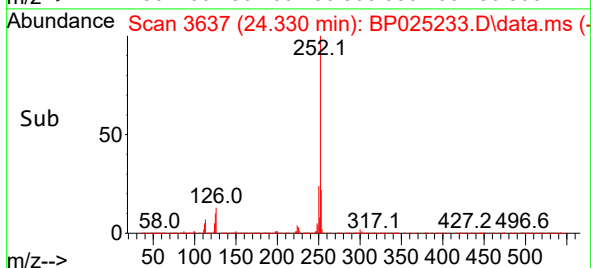
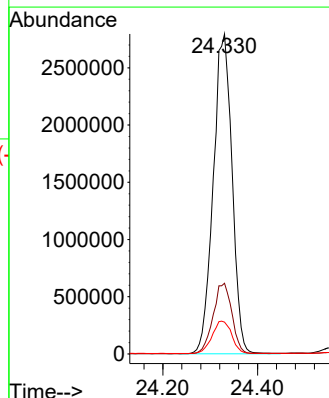
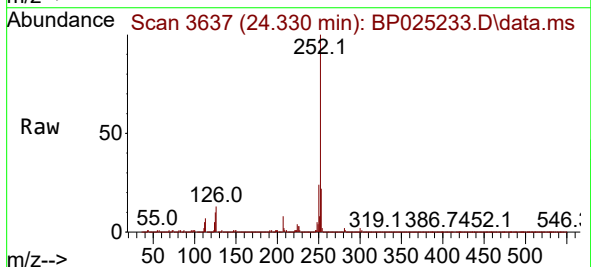
Tgt Ion:252 Resp: 7700098

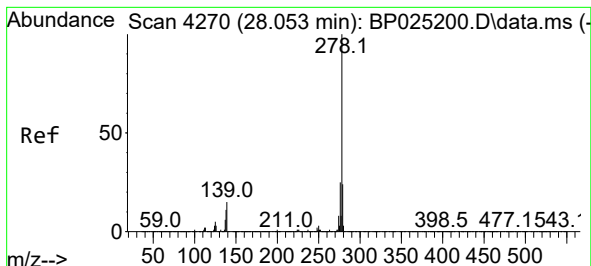
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 38.652 ng

RT: 28.089 min Scan# 41

Delta R.T. 0.036 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

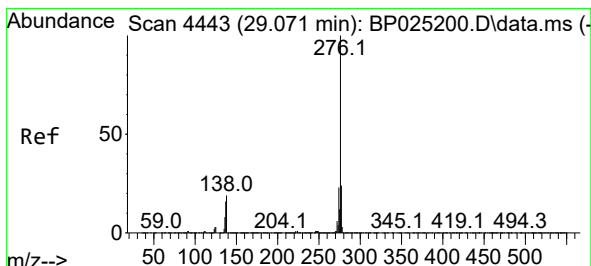
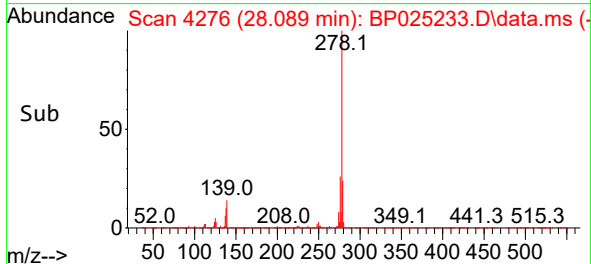
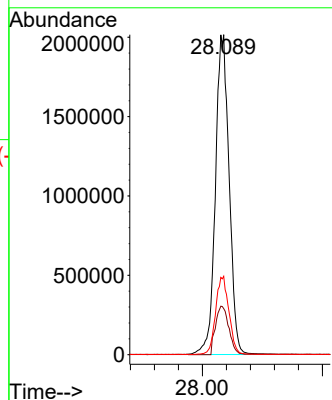
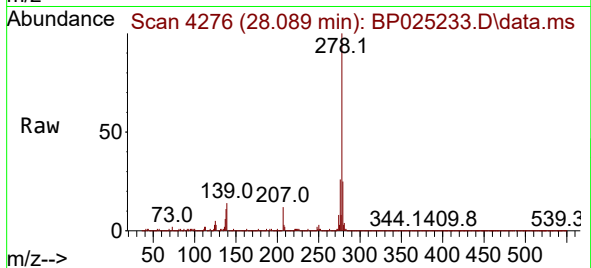
Tgt Ion:278 Resp: 8004435

Ion Ratio Lower Upper

278 100

139 14.4 12.0 18.0

279 24.5 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 38.142 ng

RT: 29.106 min Scan# 4449

Delta R.T. 0.036 min

Lab File: BP025233.D

Acq: 23 Jul 2025 21:42

Tgt Ion:276 Resp: 7762421

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 20.9 15.4 23.2

