

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025520.D
 Acq On : 20 Aug 2025 23:54
 Operator : CG/JU
 Sample : Q2819-17MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 38M-NMS

Quant Time: Aug 21 01:39:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	163086	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	635345	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	403432	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	837501	20.000	ng	0.01
76) Chrysene-d12	21.648	240	894140	20.000	ng	0.00
86) Perylene-d12	25.012	264	1028739	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	989172	100.727	ng	0.00
7) Phenol-d6	6.966	99	1240787	98.550	ng	0.00
23) Nitrobenzene-d5	8.925	82	804810	64.078	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	543808	100.145	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1679128	56.883	ng	0.00
79) Terphenyl-d14	19.919	244	2776530	56.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	158752	41.271	ng	98
3) Pyridine	3.725	79	424150	40.286	ng	95
4) n-Nitrosodimethylamine	3.631	42	208103	47.944	ng	93
6) Aniline	7.119	93	566664	33.405	ng	98
8) 2-Chlorophenol	7.360	128	507351	45.782	ng	99
9) Benzaldehyde	6.937	77	241200	27.344	ng	99
10) Phenol	6.990	94	599139	45.350	ng	96
11) bis(2-Chloroethyl)ether	7.213	93	449455	43.648	ng	98
12) 1,3-Dichlorobenzene	7.678	146	540474	44.230	ng	99
13) 1,4-Dichlorobenzene	7.819	146	551846	44.184	ng	99
14) 1,2-Dichlorobenzene	8.137	146	529135	43.766	ng	99
15) Benzyl Alcohol	8.019	79	445758	44.558	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.302	45	614047	44.515	ng	97
17) 2-Methylphenol	8.225	107	410870	44.779	ng	97
18) Hexachloroethane	8.854	117	207815	45.254	ng	99
19) n-Nitroso-di-n-propyla...	8.578	70	342780	41.102	ng	95
20) 3+4-Methylphenols	8.549	107	560181	44.044	ng	97
22) Acetophenone	8.596	105	721397	45.276	ng	98
24) Nitrobenzene	8.966	77	518939	46.231	ng	98
25) Isophorone	9.496	82	977284	43.967	ng	99
26) 2-Nitrophenol	9.672	139	268342	46.582	ng	96
27) 2,4-Dimethylphenol	9.737	122	451118	45.537	ng	97
28) bis(2-Chloroethoxy)met...	9.966	93	598293	44.529	ng	99
29) 2,4-Dichlorophenol	10.207	162	461305	46.875	ng	98
30) 1,2,4-Trichlorobenzene	10.419	180	476140	44.136	ng	100
31) Naphthalene	10.607	128	1465253	44.371	ng	100
32) Benzoic acid	9.884	122	357969	48.944	ng	97
33) 4-Chloroaniline	10.707	127	444888	30.500	ng	99
34) Hexachlorobutadiene	10.895	225	307838	45.819	ng	98
35) Caprolactam	11.495	113	166502	46.140	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	524543	46.451	ng	96
37) 2-Methylnaphthalene	12.213	142	931072	43.326	ng	99
38) 1-Methylnaphthalene	12.431	142	982511	42.991	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	529445	45.440	ng	98
41) Hexachlorocyclopentadiene	12.566	237	649355	92.264	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	376373	47.848	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	422835	49.047	ng	99
46) 1,1'-Biphenyl	13.225	154	1330277	45.403	ng	99
47) 2-Chloronaphthalene	13.266	162	1023704	44.881	ng	99
48) 2-Nitroaniline	13.472	65	336748	50.668	ng	96
49) Acenaphthylene	14.125	152	1737611	46.038	ng	100
50) Dimethylphthalate	13.860	163	1350968	45.729	ng	100
51) 2,6-Dinitrotoluene	13.966	165	303179	48.690	ng	95
52) Acenaphthene	14.472	154	1000372	45.154	ng	99
53) 3-Nitroaniline	14.295	138	250146	35.706	ng	95
54) 2,4-Dinitrophenol	14.519	184	370066	111.289	ng	97
55) Dibenzofuran	14.813	168	1576282	45.003	ng	98
56) 4-Nitrophenol	14.625	139	587000	101.965	ng	93
57) 2,4-Dinitrotoluene	14.772	165	448248	50.455	ng	97
58) Fluorene	15.472	166	1241069	44.904	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	374029	49.135	ng	99
60) Diethylphthalate	15.242	149	1397636	46.559	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	608258	44.251	ng	97
62) 4-Nitroaniline	15.483	138	343690	47.854	ng	95
63) Azobenzene	15.760	77	1380940	53.725	ng	98
65) 4,6-Dinitro-2-methylph...	15.548	198	257102	49.248	ng	93
66) n-Nitrosodiphenylamine	15.678	169	1129376	44.222	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	406044	44.083	ng	97
68) Hexachlorobenzene	16.495	284	473408	44.337	ng	98
69) Atrazine	16.654	200	449335	46.980	ng	98
70) Pentachlorophenol	16.848	266	659972	97.917	ng	97
71) Phenanthrene	17.248	178	2073388	45.067	ng	100
72) Anthracene	17.336	178	2127785	45.289	ng	100
73) Carbazole	17.619	167	2076151	46.915	ng	99
74) Di-n-butylphthalate	18.213	149	2628515	48.277	ng	100
75) Fluoranthene	19.330	202	2523020	45.975	ng	99
77) Benzidine	19.519	184	1302891	42.697	ng	99
78) Pyrene	19.707	202	2624941	45.167	ng	99
80) Butylbenzylphthalate	20.648	149	1275745	48.436	ng	97
81) Benzo(a)anthracene	21.624	228	2770305	46.979	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	727315	32.723	ng	100
83) Chrysene	21.695	228	2564073	46.430	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1867112	48.156	ng	100
85) Di-n-octyl phthalate	22.842	149	3279123	49.169	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	2916461	38.657	ng	93
88) Benzo(b)fluoranthene	23.930	252	2767890	45.628	ng	99
89) Benzo(k)fluoranthene	24.007	252	2818197	46.426	ng	99
90) Benzo(a)pyrene	24.854	252	2706532	45.835	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2845641	46.156	ng	97
92) Benzo(g,h,i)perylene	30.036	276	2827568	46.657	ng	99

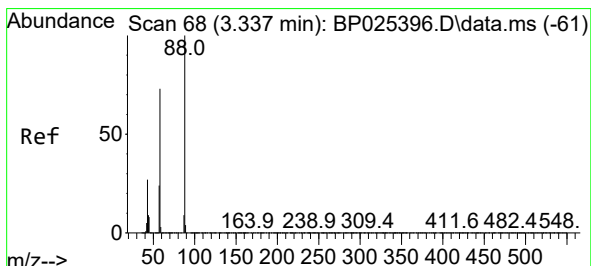
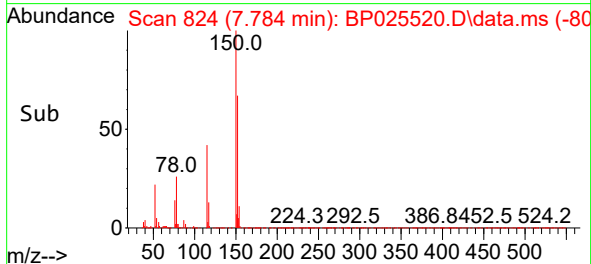
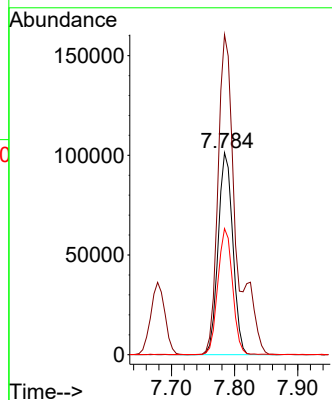
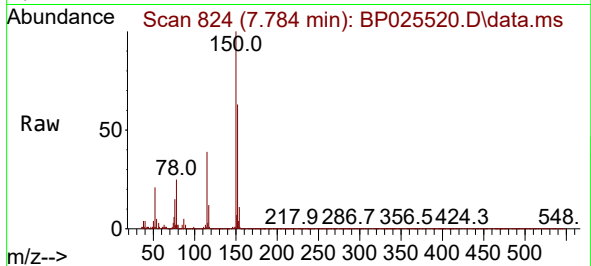
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

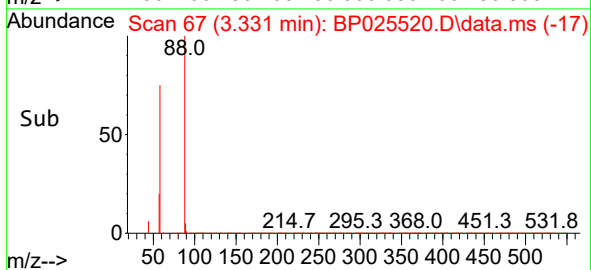
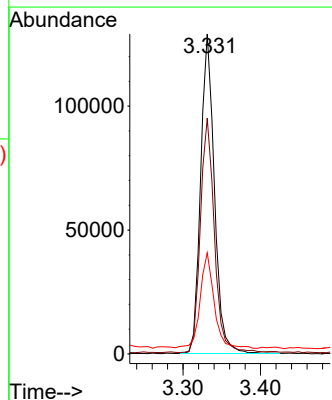
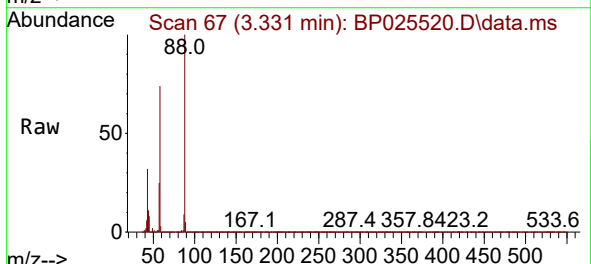
Instrument :
BNA_P
ClientSampleId :
38M-NMS

Tgt Ion:152 Resp: 163086
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 62.4 48.5 72.7



#2
1,4-Dioxane
Concen: 41.271 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 88 Resp: 158752
Ion Ratio Lower Upper
88 100
58 74.8 59.2 88.8
43 30.3 21.7 32.5

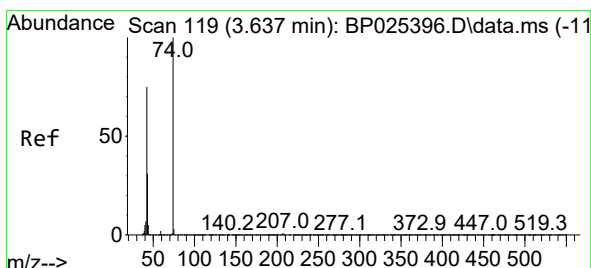
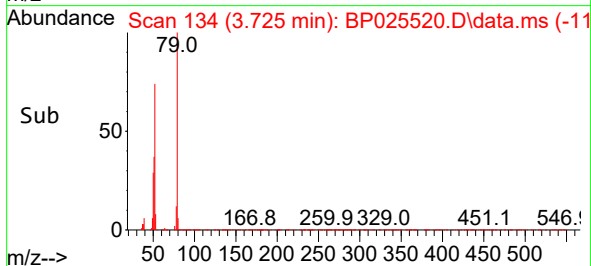
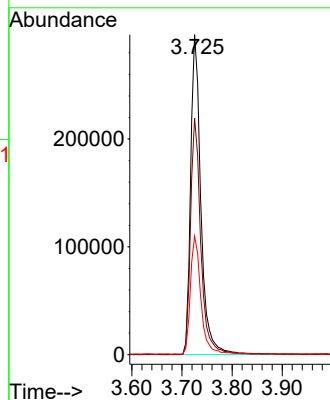
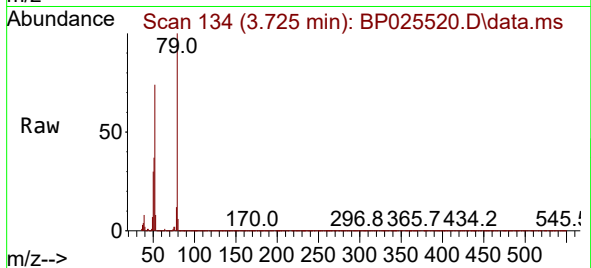




#3
 Pyridine
 Concen: 40.286 ng
 RT: 3.725 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: BP025520.D
 Acq: 20 Aug 2025 23:54

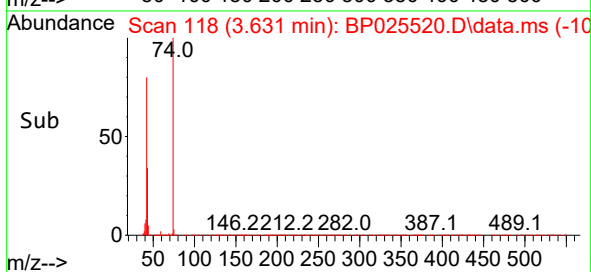
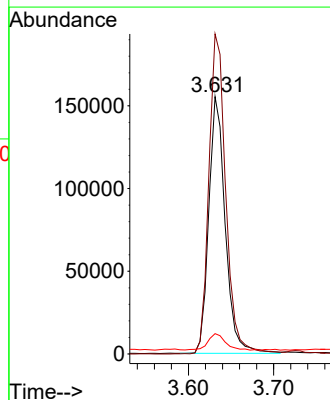
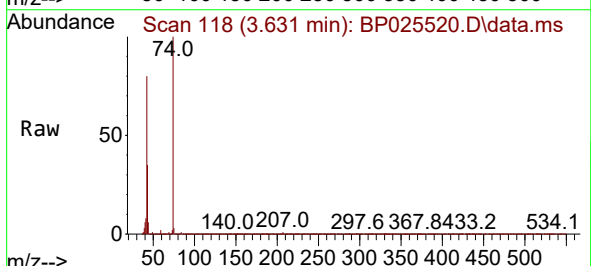
Instrument :
 BNA_P
 ClientSampleId :
 38M-NMS

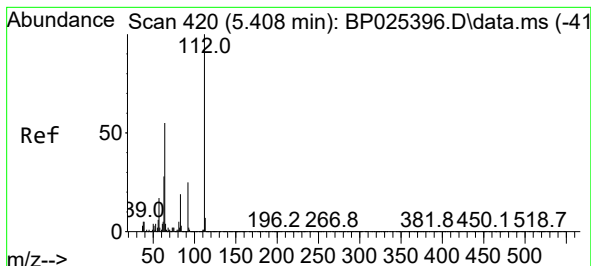
Tgt Ion: 79 Resp: 424150
 Ion Ratio Lower Upper
 79 100
 52 73.9 55.5 83.3
 51 37.1 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 47.944 ng
 RT: 3.631 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: BP025520.D
 Acq: 20 Aug 2025 23:54

Tgt Ion: 42 Resp: 208103
 Ion Ratio Lower Upper
 42 100
 74 124.4 107.0 160.4
 44 7.9 6.2 9.4

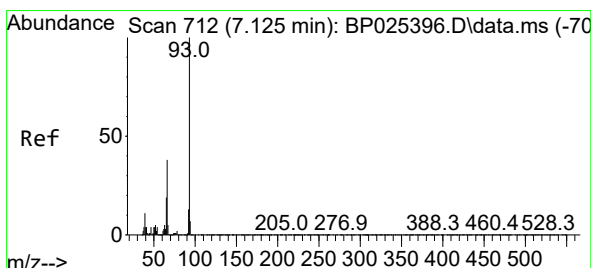
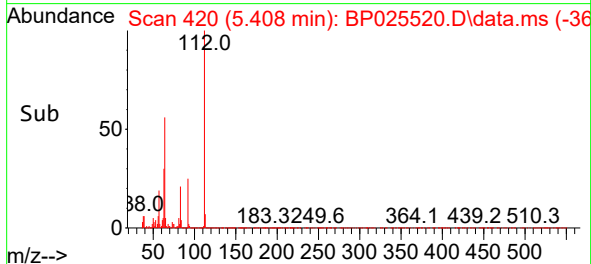
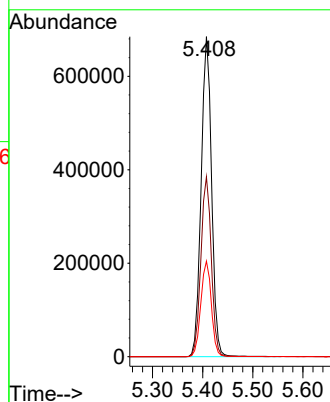
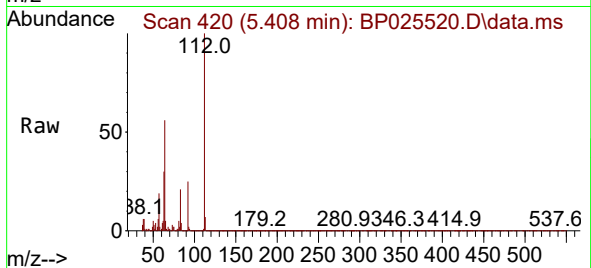




#5
2-Fluorophenol
Concen: 100.727 ng
RT: 5.408 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

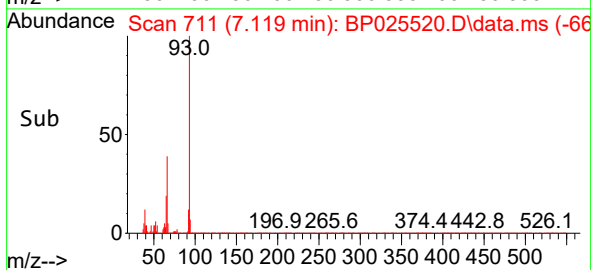
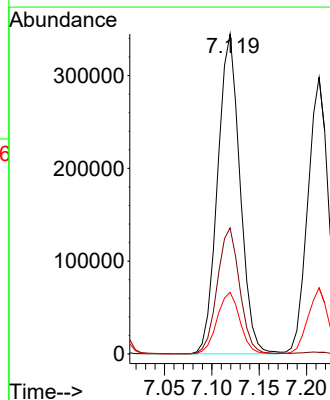
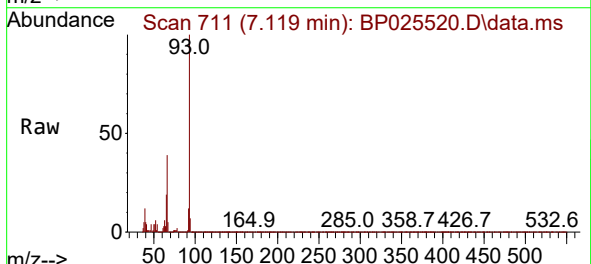
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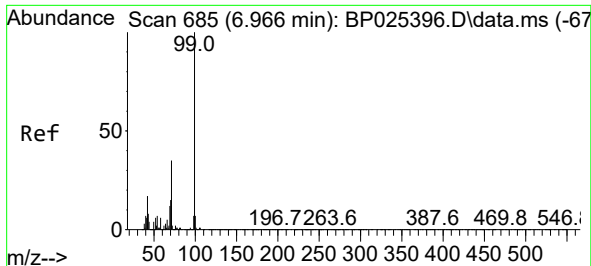
Tgt Ion:112 Resp: 989172
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 29.8 22.7 34.1



#6
Aniline
Concen: 33.405 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 93 Resp: 566664
Ion Ratio Lower Upper
93 100
66 39.4 30.4 45.6
65 19.2 15.3 22.9



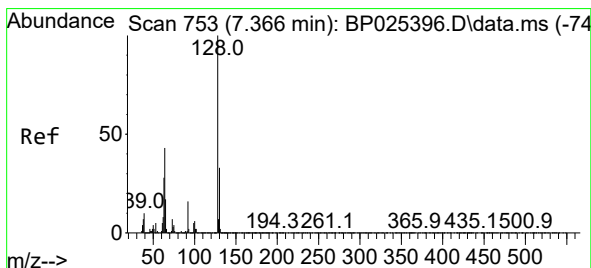
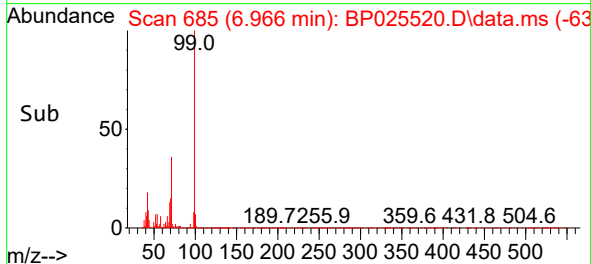
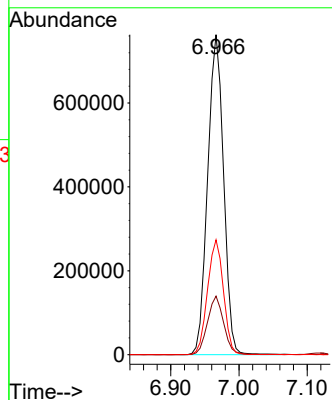
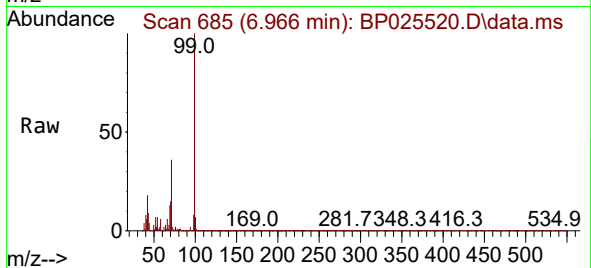


#7
Phenol-d6
Concen: 98.550 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Instrument :
BNA_P
ClientSampleId :
38M-NMS

Tgt Ion: 99 Resp: 1240787

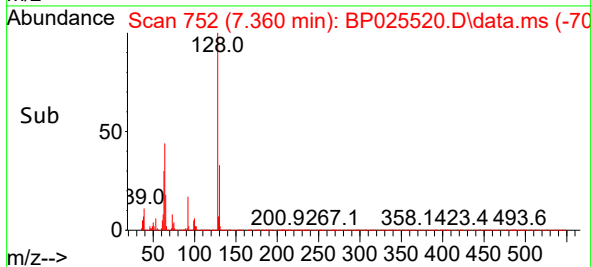
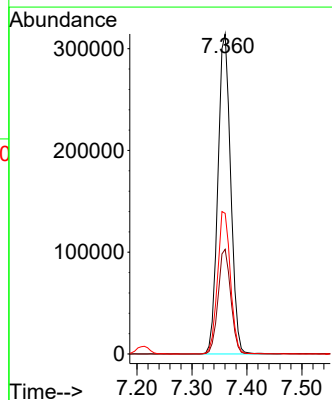
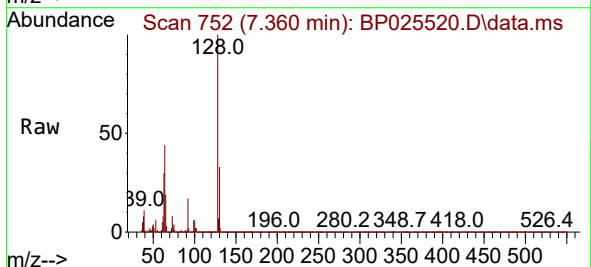
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	35.9	28.2	42.4

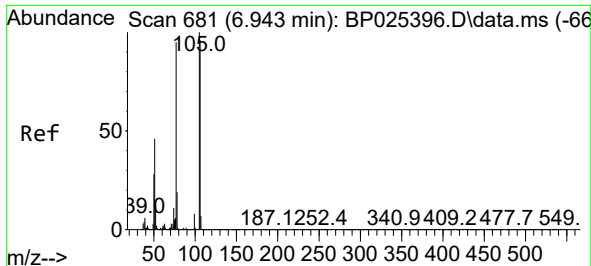


#8
2-Chlorophenol
Concen: 45.782 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 128 Resp: 507351

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	43.9	23.4	63.4

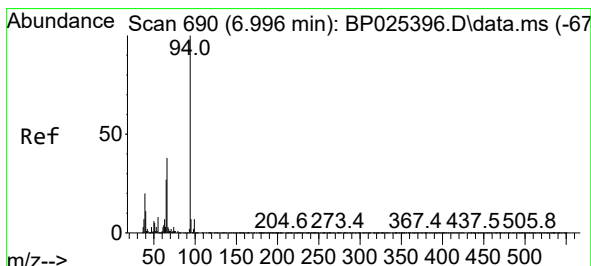
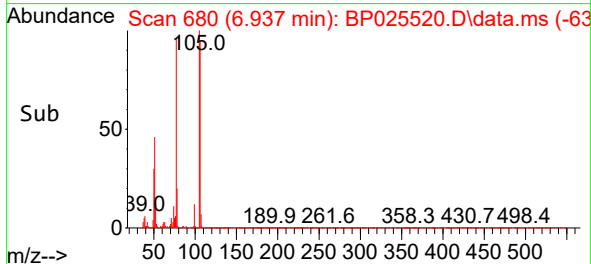
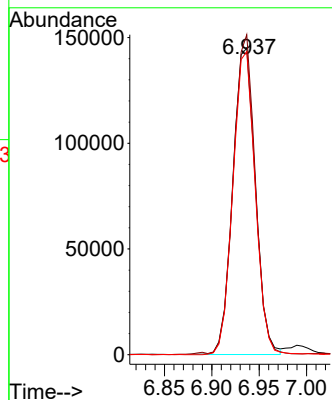
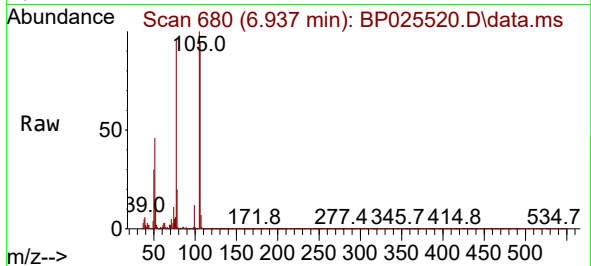




#9
Benzaldehyde
Concen: 27.344 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

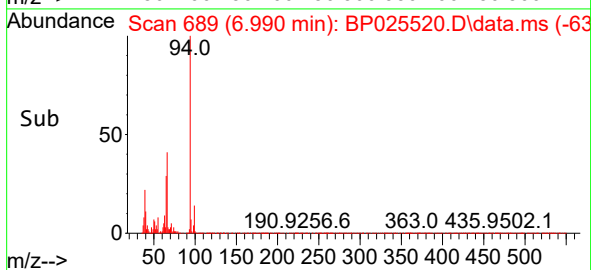
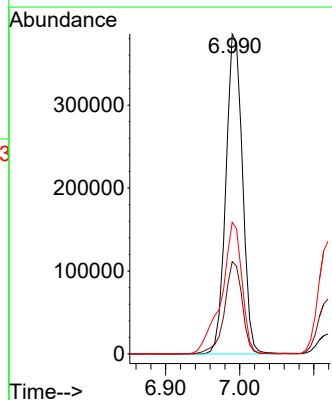
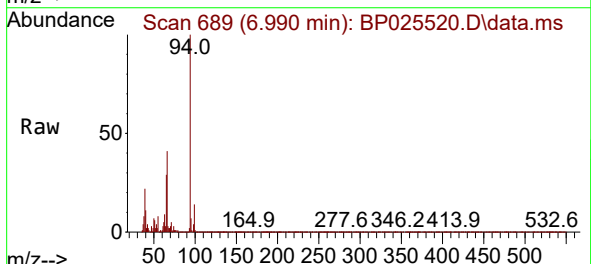
Instrument :
BNA_P
ClientSampleId :
38M-NMS

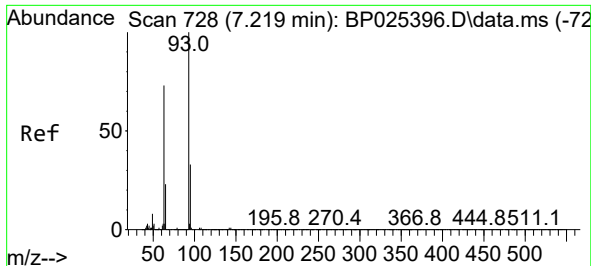
Tgt Ion: 77 Resp: 241200
Ion Ratio Lower Upper
77 100
105 104.4 84.8 124.8
106 98.9 80.5 120.5



#10
Phenol
Concen: 45.350 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 94 Resp: 599139
Ion Ratio Lower Upper
94 100
65 28.8 6.8 46.8
66 41.1 18.2 58.2

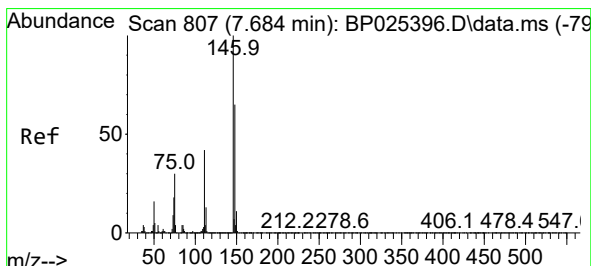
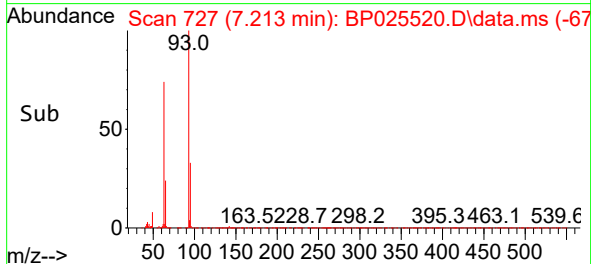
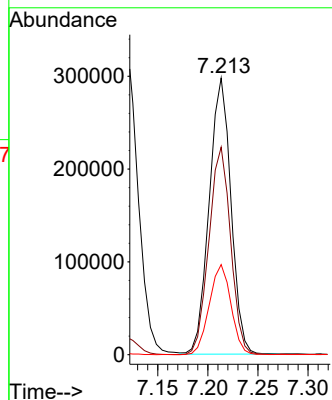
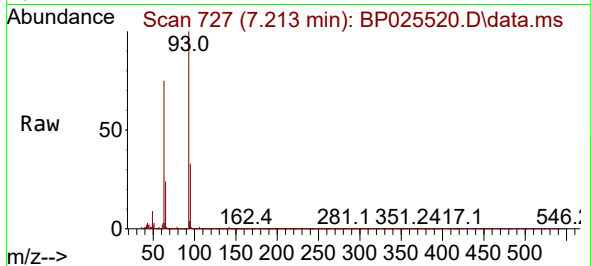




#11
bis(2-Chloroethyl)ether
Concen: 43.648 ng
RT: 7.213 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

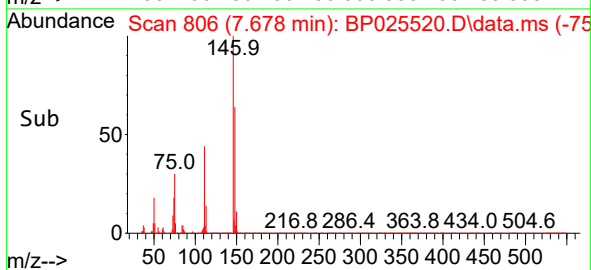
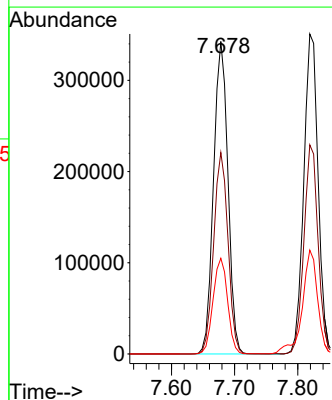
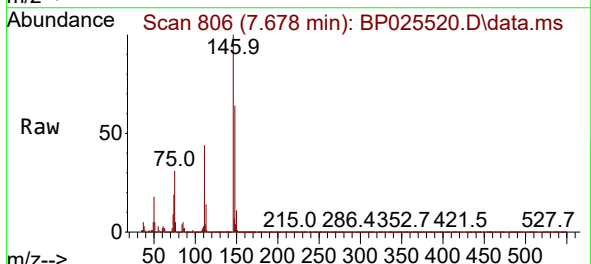
Instrument :
BNA_P
ClientSampleId :
38M-NMS

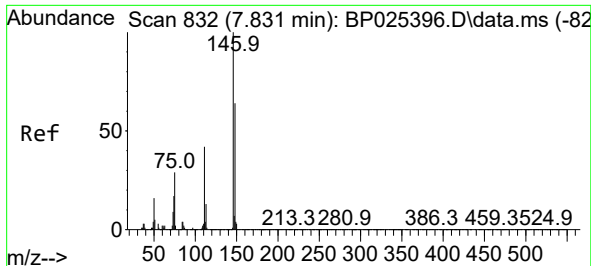
Tgt Ion: 93 Resp: 449455
Ion Ratio Lower Upper
93 100
63 75.0 52.6 92.6
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.230 ng
RT: 7.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 146 Resp: 540474
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 30.6 23.7 35.5

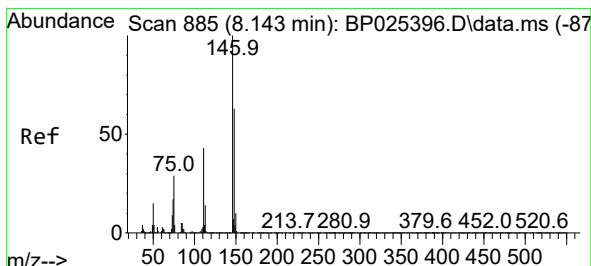
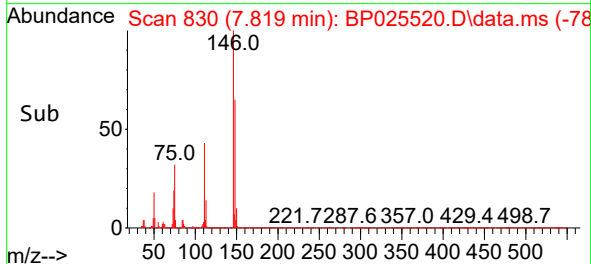
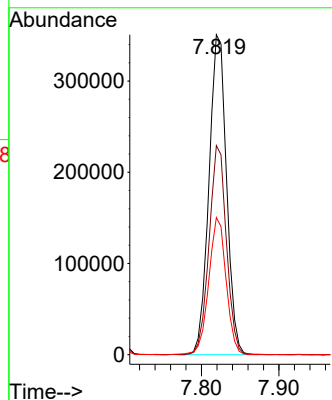
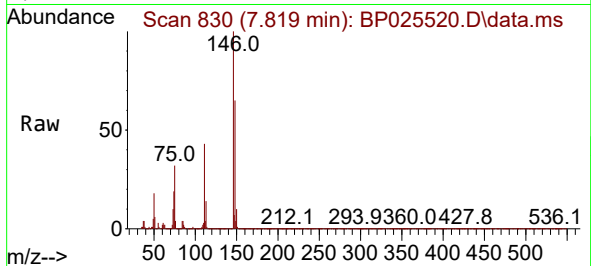




#13
1,4-Dichlorobenzene
Concen: 44.184 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

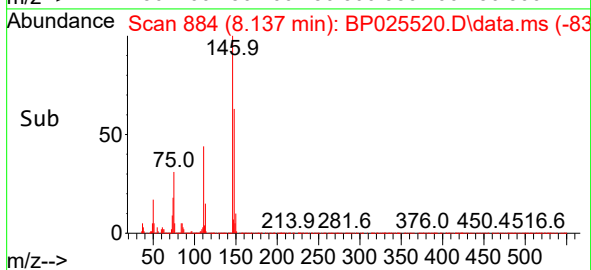
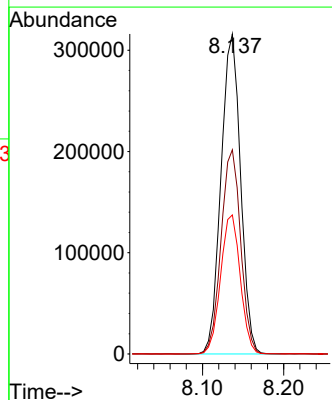
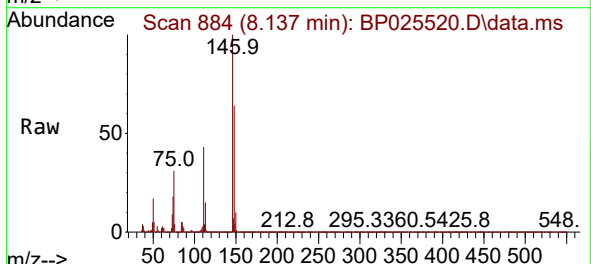
Instrument :
BNA_P
ClientSampleId :
38M-NMS

Tgt Ion:146 Resp: 551846
Ion Ratio Lower Upper
146 100
148 65.3 51.6 77.4
111 42.9 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 43.766 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:146 Resp: 529135
Ion Ratio Lower Upper
146 100
148 63.8 50.4 75.6
111 43.5 34.5 51.7

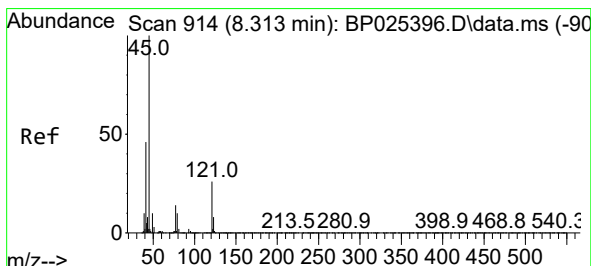
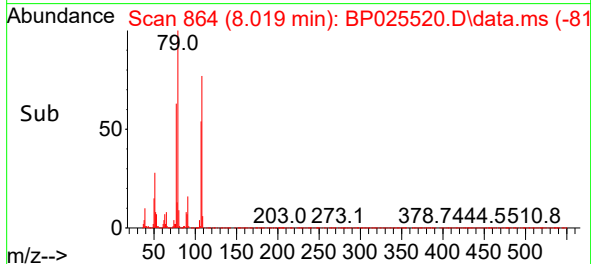
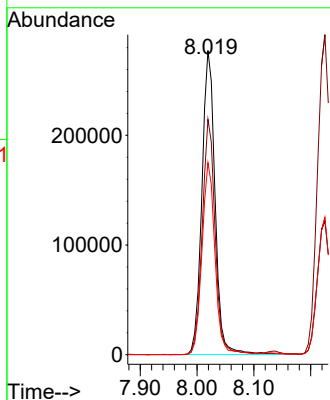
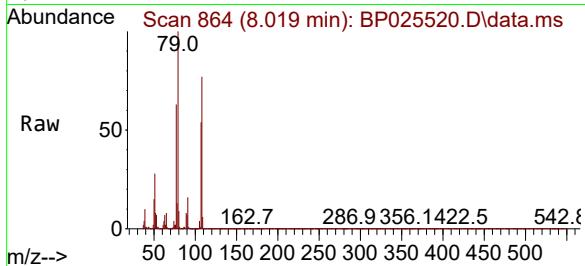




#15
Benzyl Alcohol
Concen: 44.558 ng
RT: 8.019 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

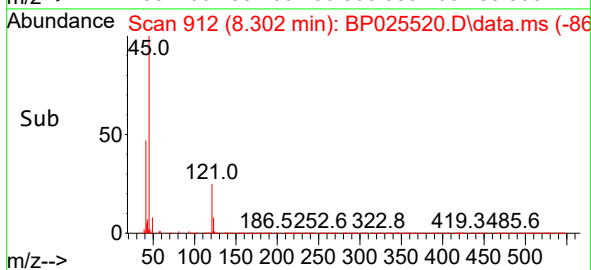
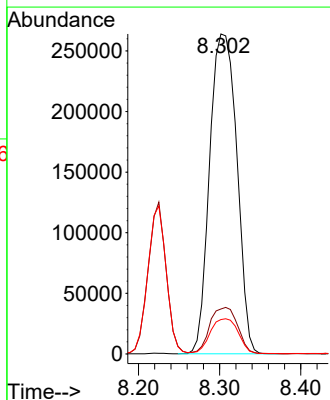
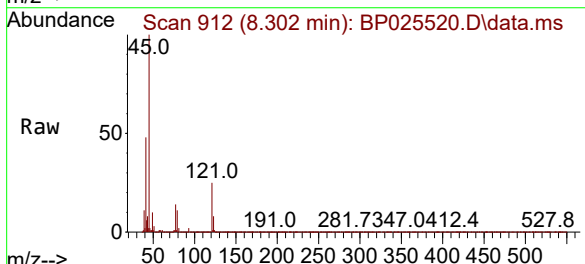
Instrument :
BNA_P
ClientSampleId :
38M-NMS

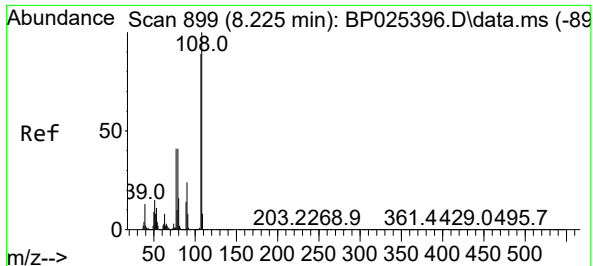
Tgt Ion: 79 Resp: 445758
Ion Ratio Lower Upper
79 100
108 77.4 63.8 95.6
77 63.1 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.515 ng
RT: 8.302 min Scan# 912
Delta R.T. -0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 45 Resp: 614047
Ion Ratio Lower Upper
45 100
77 14.0 0.0 35.3
79 10.8 0.0 31.8

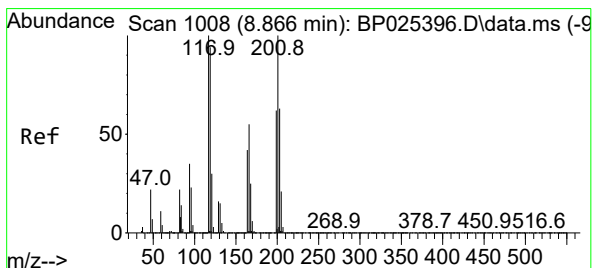
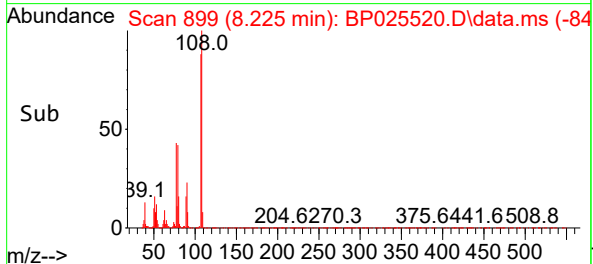
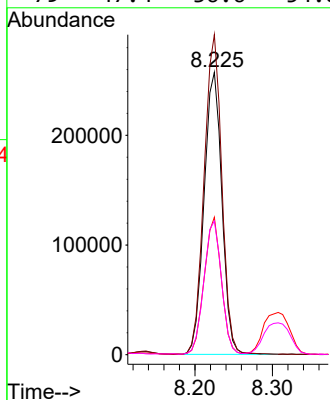
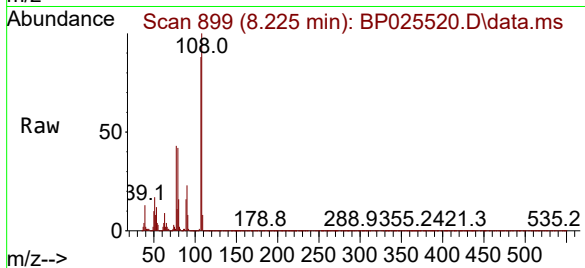




#17
2-Methylphenol
Concen: 44.779 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

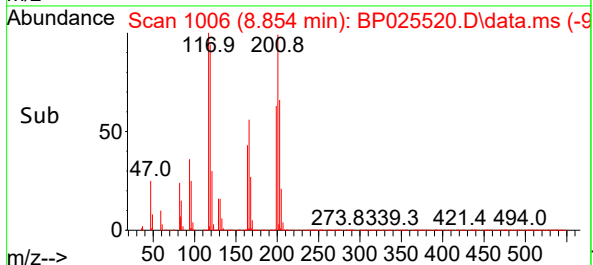
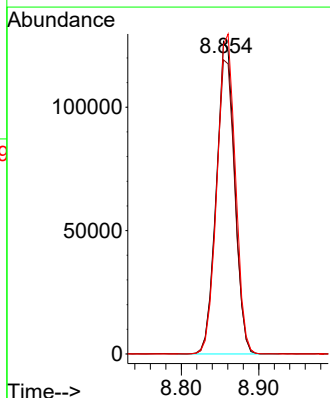
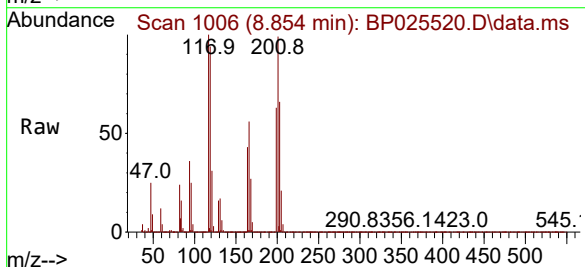
Instrument :
BNA_P
ClientSampleId :
38M-NMS

Tgt Ion:	107	Resp:	410870
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.0
77	48.7	36.3	54.5
79	47.4	36.6	54.8



#18
Hexachloroethane
Concen: 45.254 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:	117	Resp:	207815
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.1	112.7
201	99.0	80.1	120.1

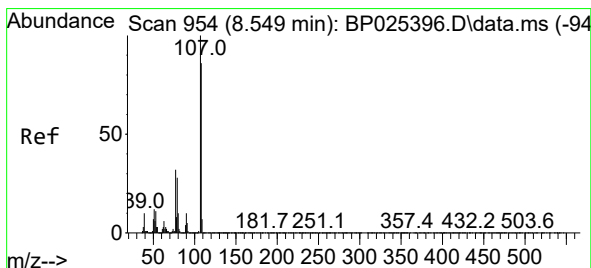
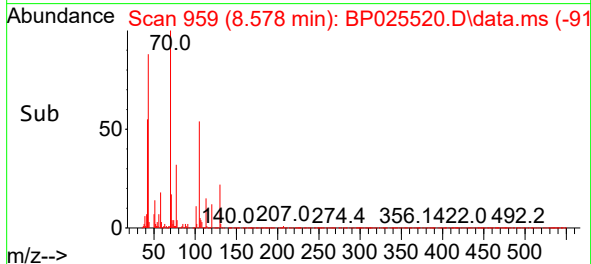
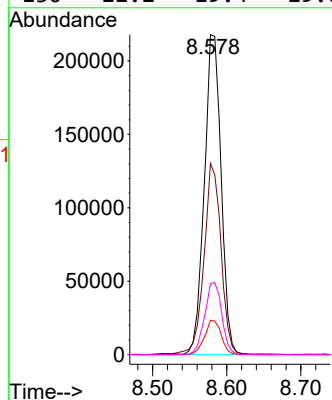
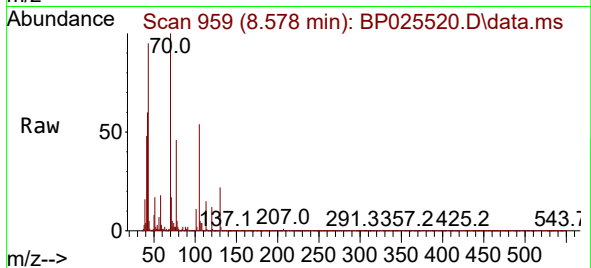




#19
n-Nitroso-di-n-propylamine
Concen: 41.102 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

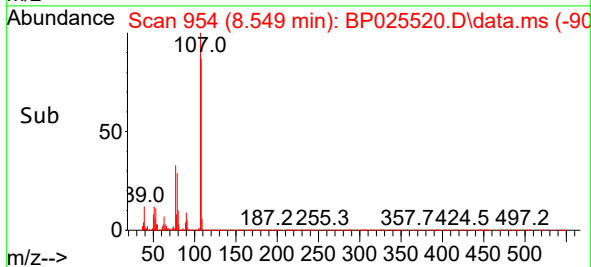
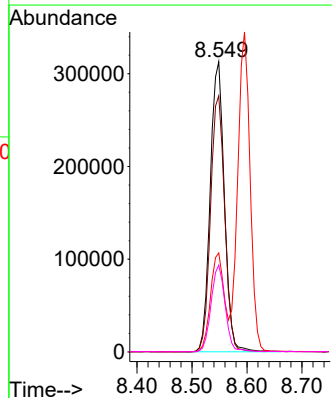
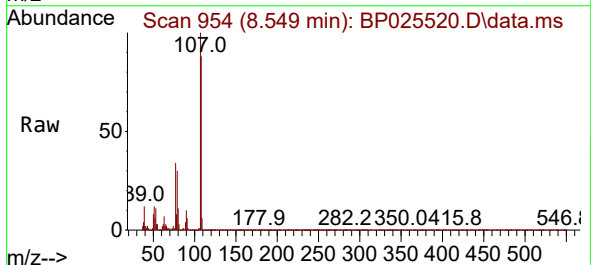
Instrument :
BNA_P
ClientSampleId :
38M-NMS

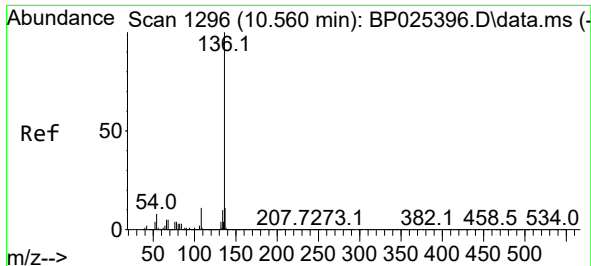
Tgt Ion: 70 Resp: 342780
Ion Ratio Lower Upper
70 100
42 59.8 43.8 65.6
101 10.7 8.5 12.7
130 22.2 19.4 29.0



#20
3+4-Methylphenols
Concen: 44.044 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 107 Resp: 560181
Ion Ratio Lower Upper
107 100
108 88.3 66.3 106.3
77 34.1 12.3 52.3
79 30.0 7.8 47.8

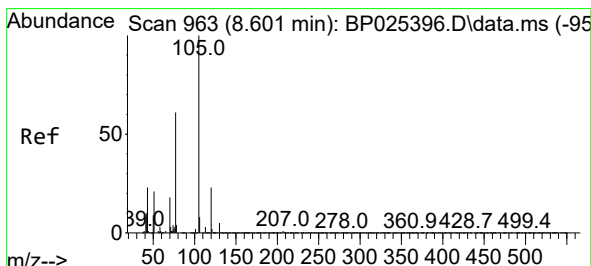
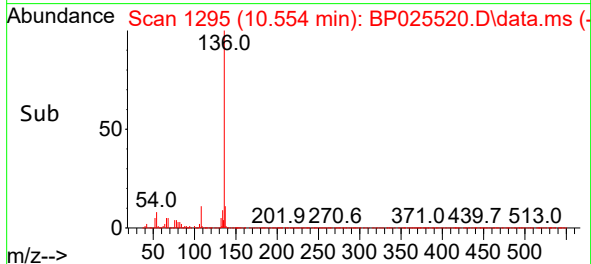
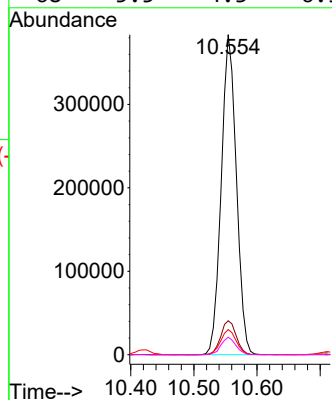
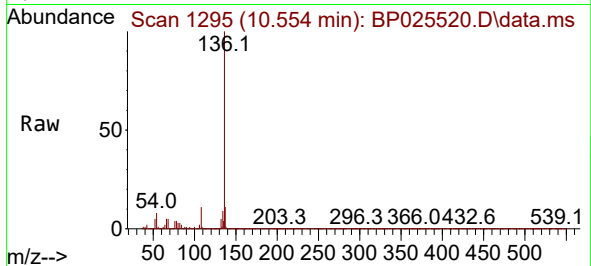




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

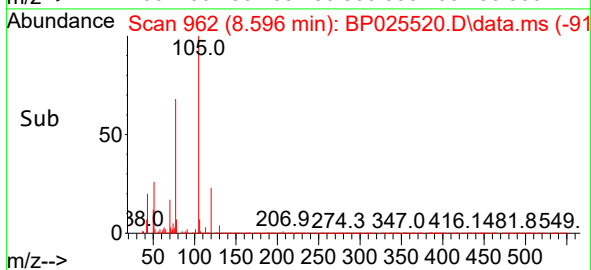
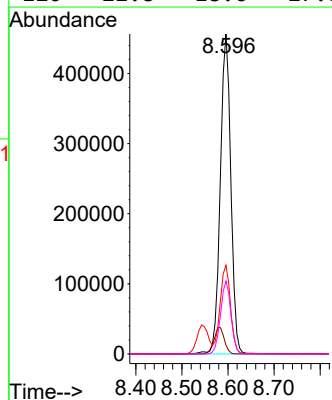
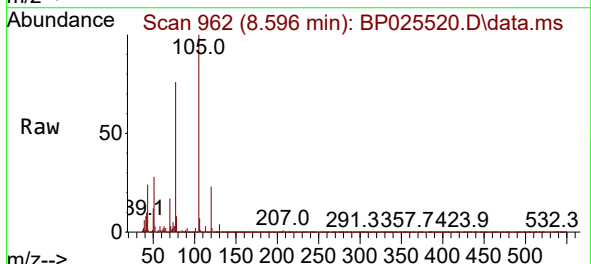
Instrument :
BNA_P
ClientSampleId :
38M-NMS

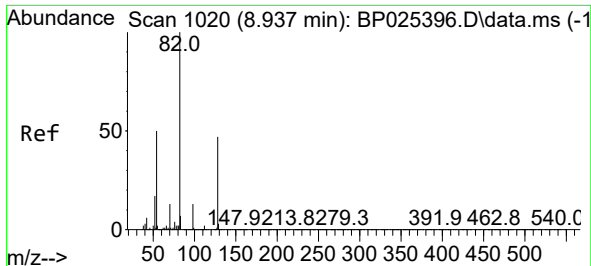
Tgt Ion:	136	Resp:	635345
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5



#22
Acetophenone
Concen: 45.276 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:	105	Resp:	721397
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.6	4.0
51	27.7	20.6	30.8
120	22.8	18.6	27.8

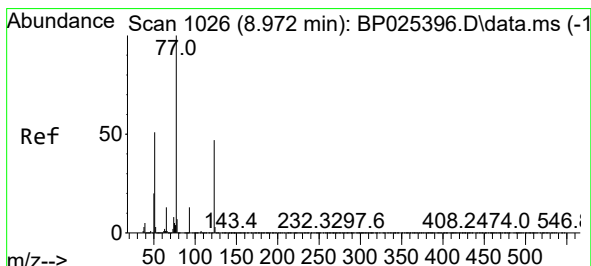
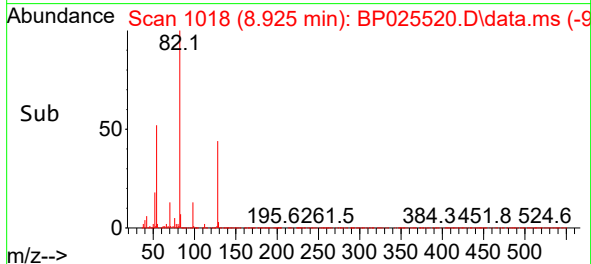
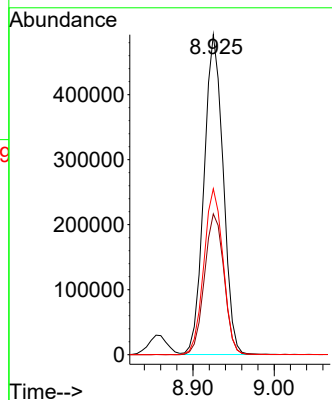
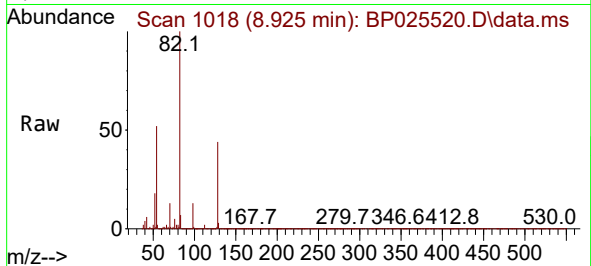




#23
Nitrobenzene-d5
Concen: 64.078 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

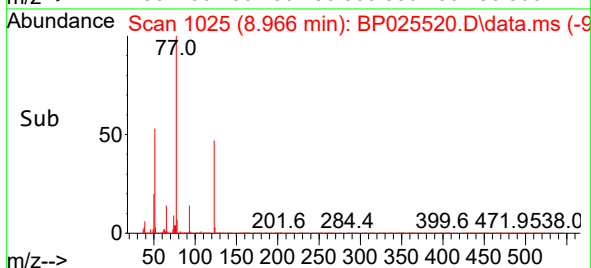
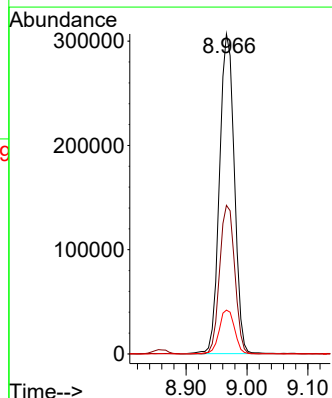
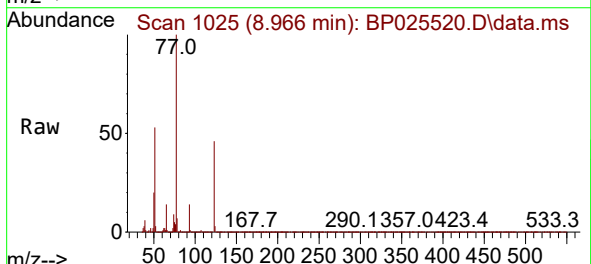
Instrument :
BNA_P
ClientSampleId :
38M-NMS

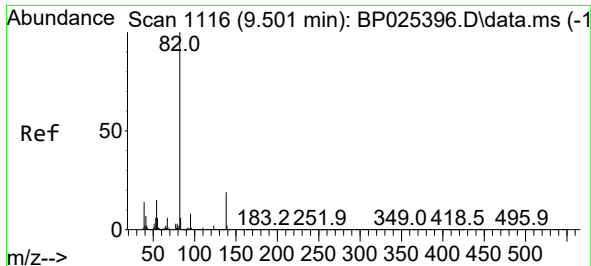
Tgt Ion: 82 Resp: 804810
Ion Ratio Lower Upper
82 100
128 44.0 37.7 56.5
54 51.9 39.8 59.6



#24
Nitrobenzene
Concen: 46.231 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 77 Resp: 518939
Ion Ratio Lower Upper
77 100
123 46.5 38.6 58.0
65 13.7 10.6 15.8

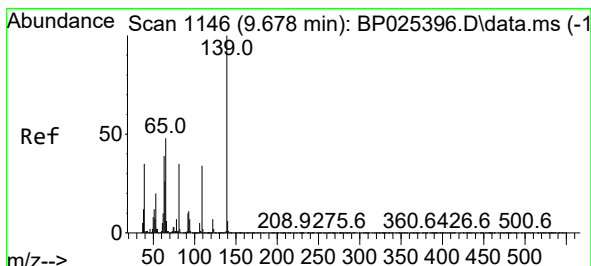
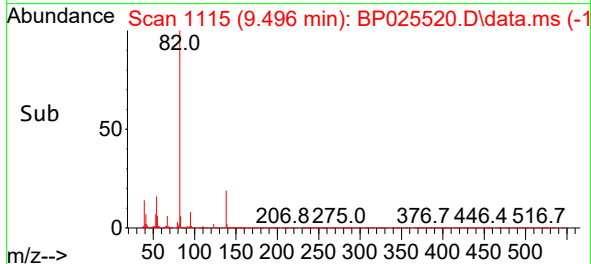
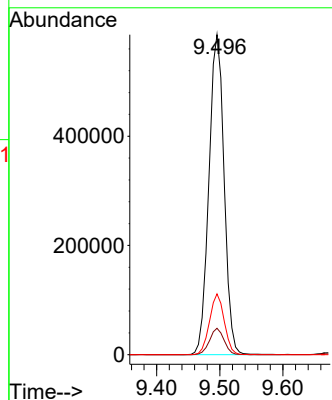
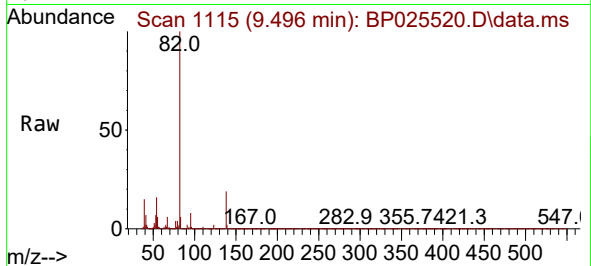




#25
Isophorone
Concen: 43.967 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

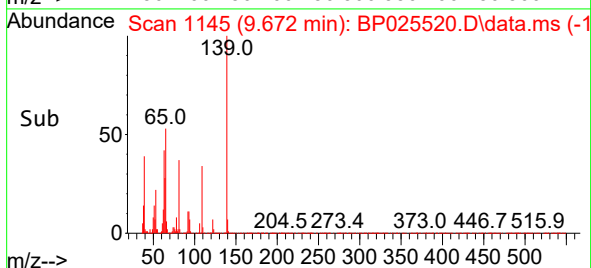
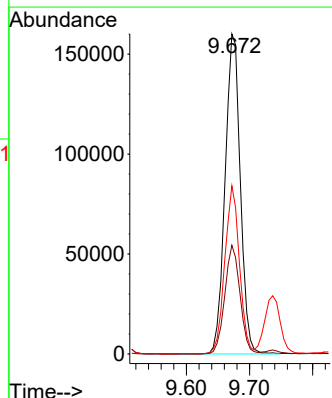
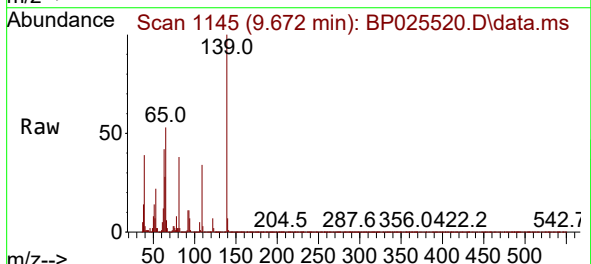
Instrument :
BNA_P
ClientSampleId :
38M-NMS

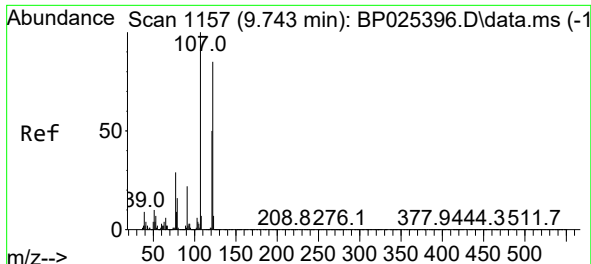
Tgt Ion: 82 Resp: 977284
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 19.0 15.4 23.0



#26
2-Nitrophenol
Concen: 46.582 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:139 Resp: 268342
Ion Ratio Lower Upper
139 100
109 33.9 26.9 40.3
65 52.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 45.537 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

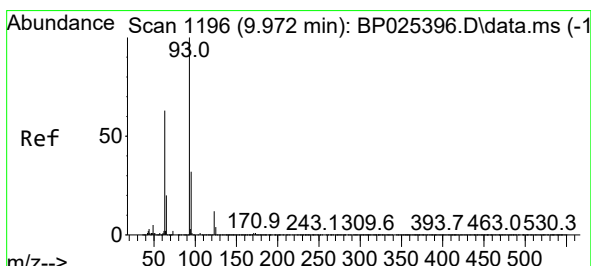
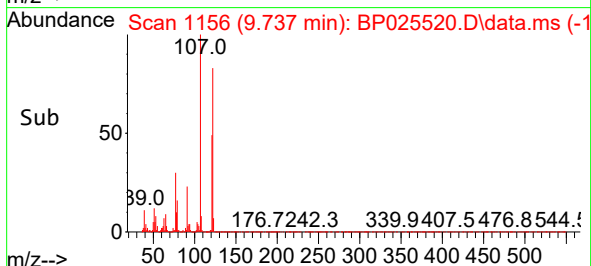
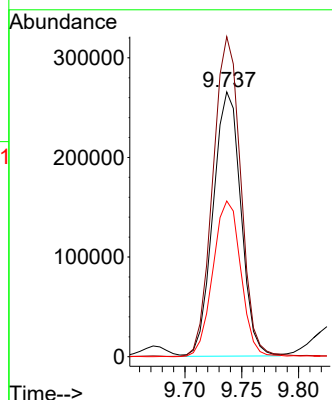
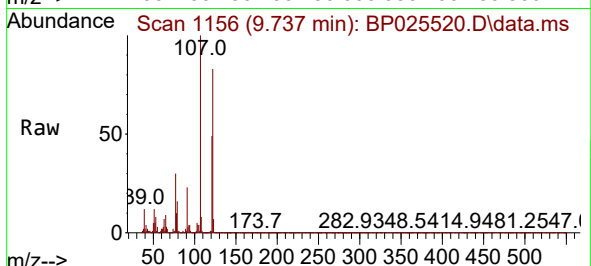
Tgt Ion:122 Resp: 451118

Ion Ratio Lower Upper

122 100

107 120.8 93.7 140.5

121 58.8 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.529 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

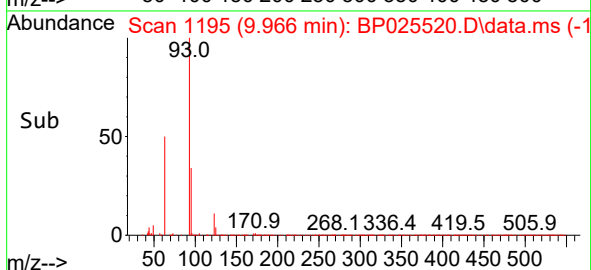
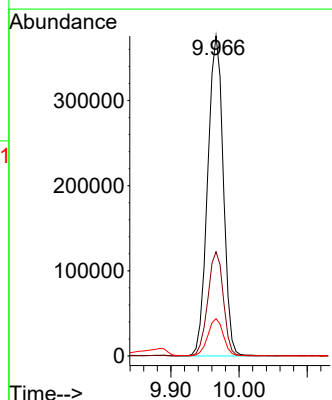
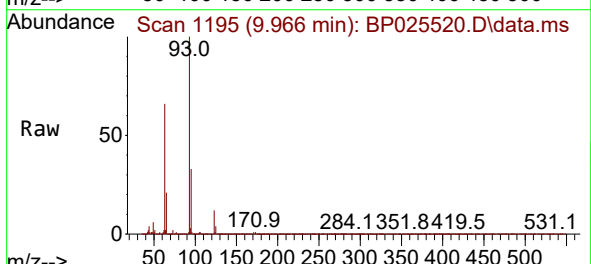
Tgt Ion: 93 Resp: 598293

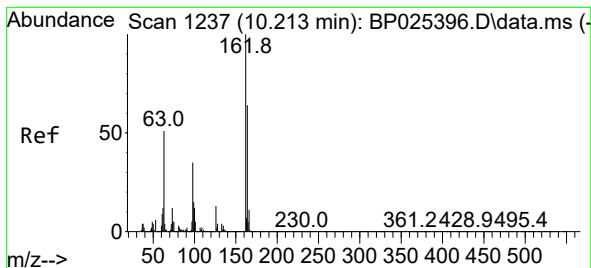
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.875 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

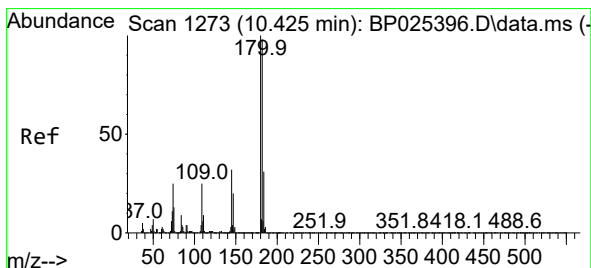
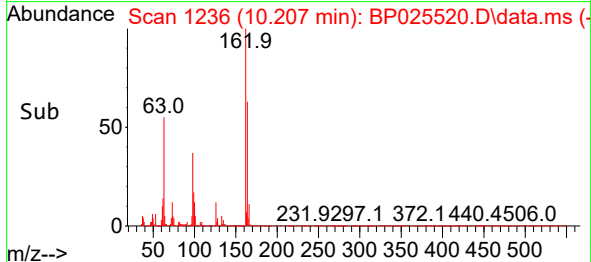
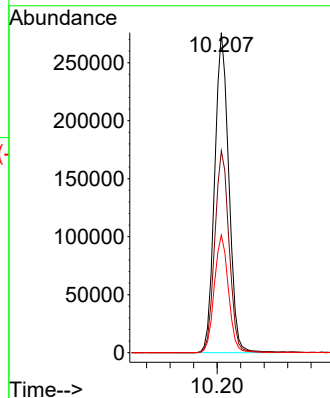
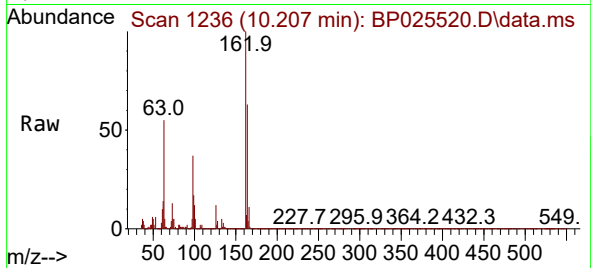
Tgt Ion:162 Resp: 461305

Ion Ratio Lower Upper

162 100

164 63.1 44.4 84.4

98 36.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 44.136 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

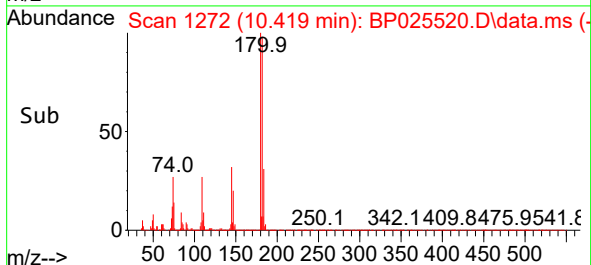
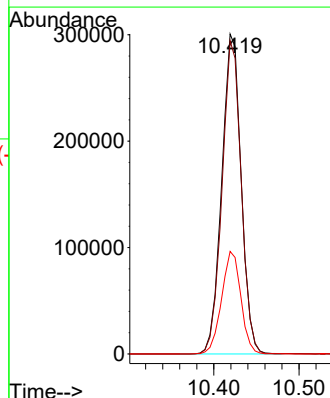
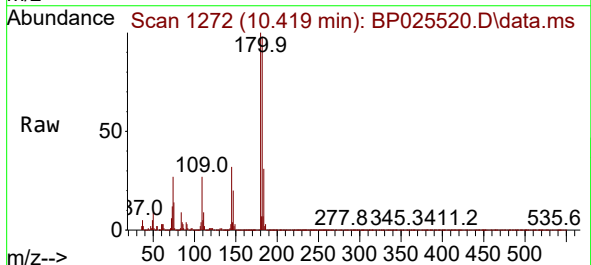
Tgt Ion:180 Resp: 476140

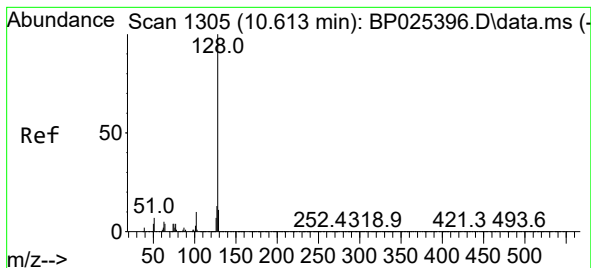
Ion Ratio Lower Upper

180 100

182 97.8 78.0 117.0

145 32.0 25.9 38.9





#31

Naphthalene

Concen: 44.371 ng

RT: 10.607 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

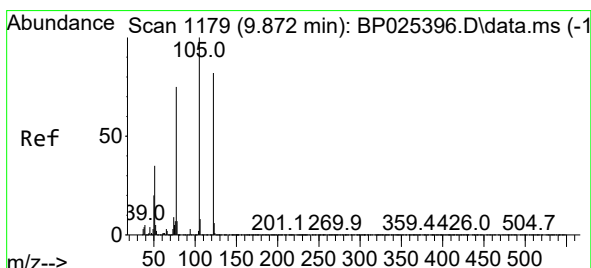
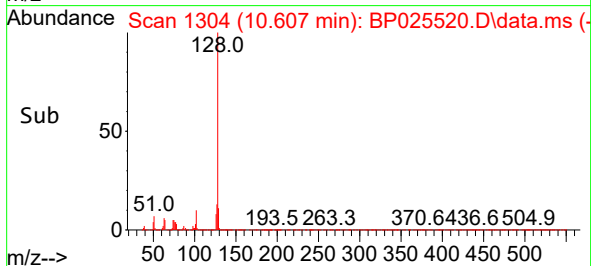
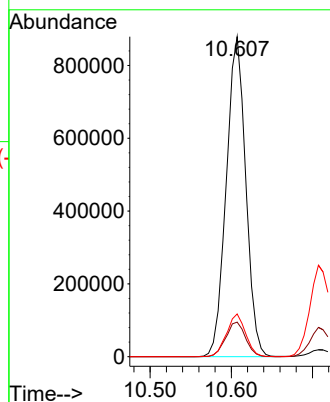
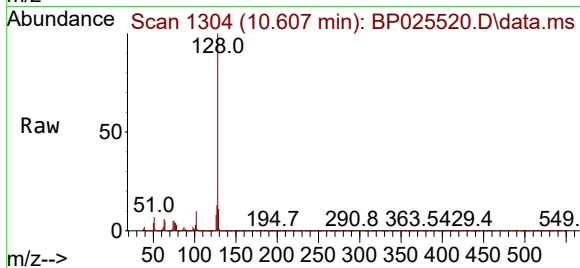
Tgt Ion:128 Resp: 1465253

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 48.944 ng

RT: 9.884 min Scan# 1181

Delta R.T. 0.012 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

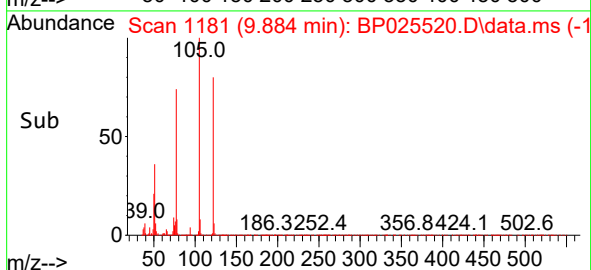
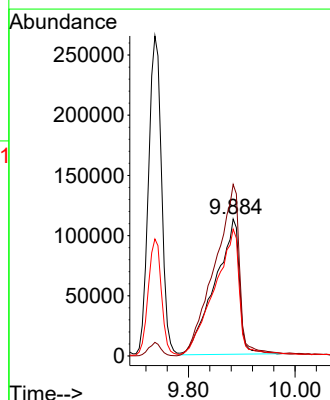
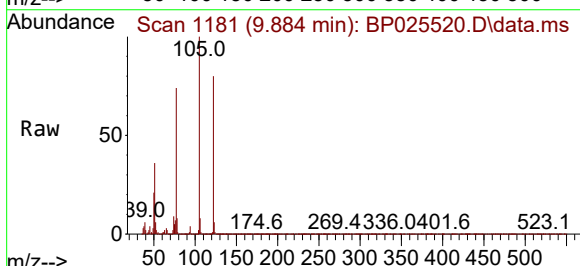
Tgt Ion:122 Resp: 357969

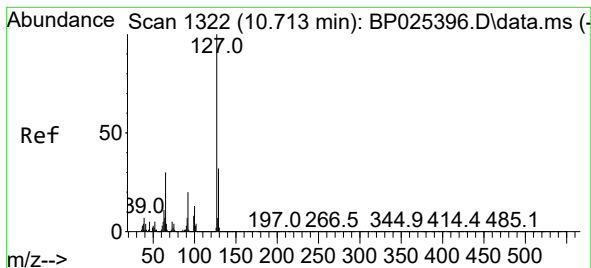
Ion Ratio Lower Upper

122 100

105 125.3 100.6 140.6

77 92.7 71.5 111.5

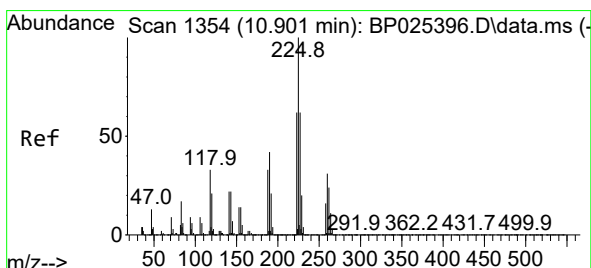
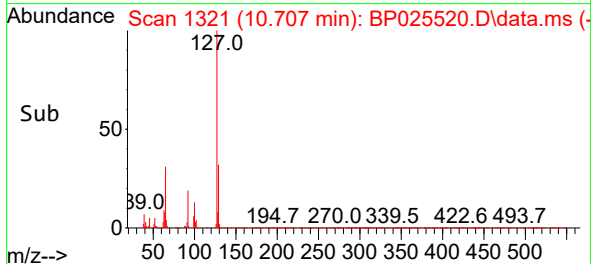
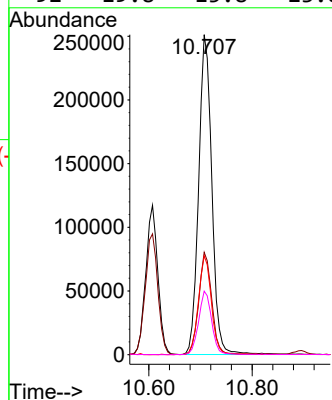
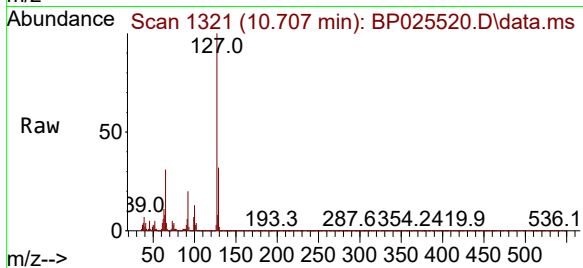




#33
4-Chloroaniline
Concen: 30.500 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

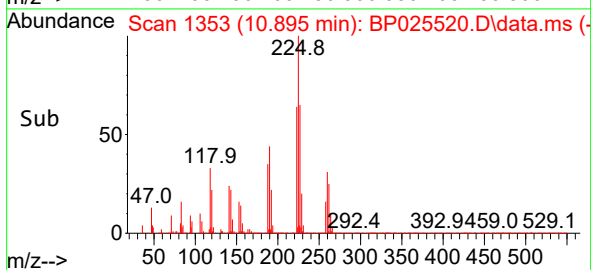
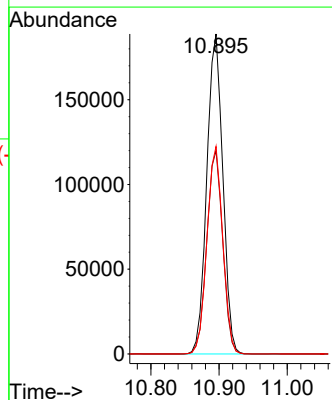
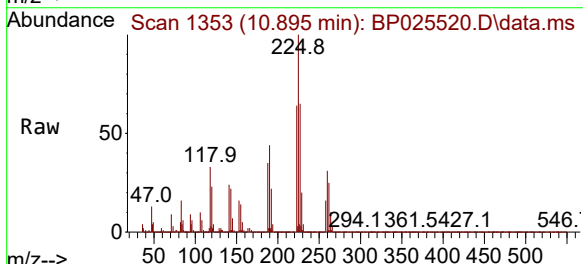
Instrument :
BNA_P
ClientSampleId :
38M-NMS

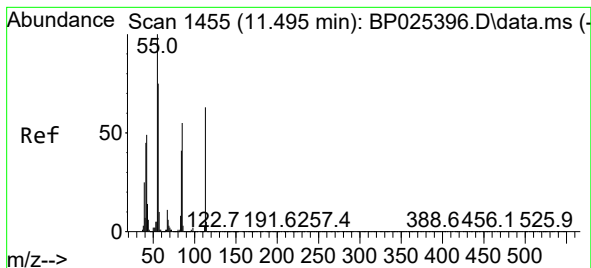
Tgt Ion:	127	Resp:	444888
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	30.9	23.8	35.6
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.819 ng
RT: 10.895 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:	225	Resp:	307838
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	64.8	49.7	74.5

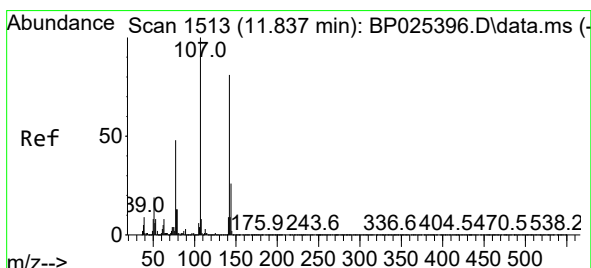
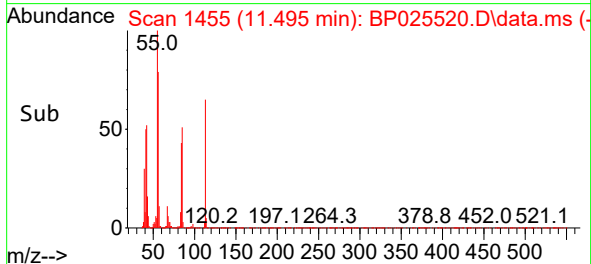
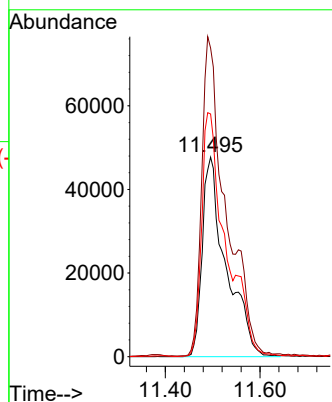
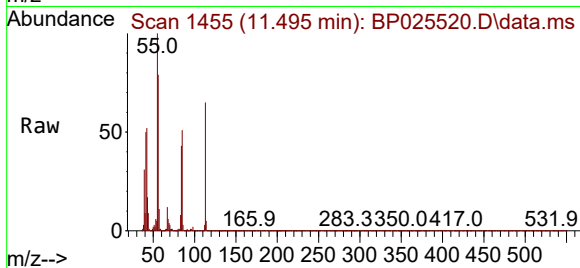




#35
Caprolactam
Concen: 46.140 ng
RT: 11.495 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

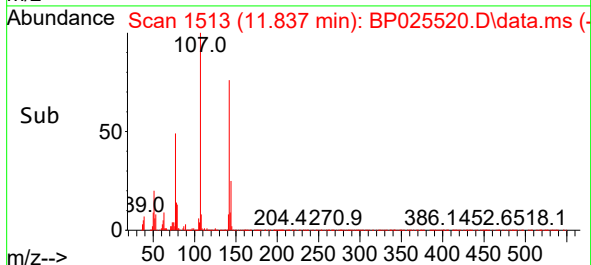
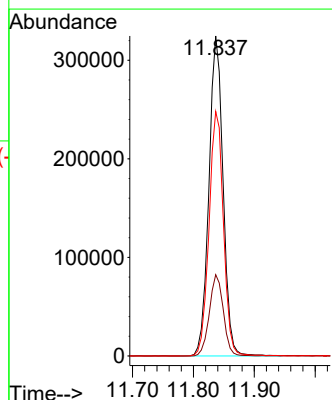
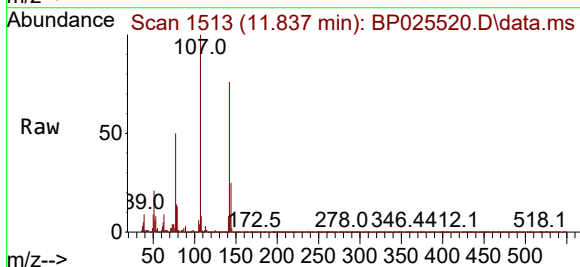
Instrument :
BNA_P
ClientSampleId :
38M-NMS

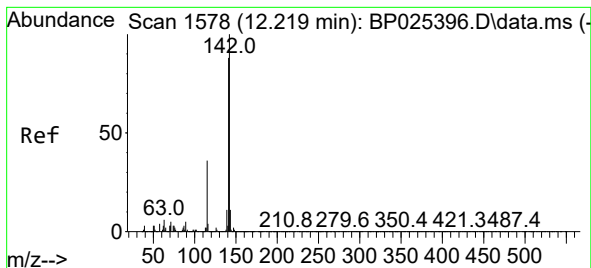
Tgt Ion:113 Resp: 166502
Ion Ratio Lower Upper
113 100
55 154.7 140.0 180.0
56 121.7 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 46.451 ng
RT: 11.837 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:107 Resp: 524543
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 76.4 64.6 97.0





#37

2-Methylnaphthalene

Concen: 43.326 ng

RT: 12.213 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

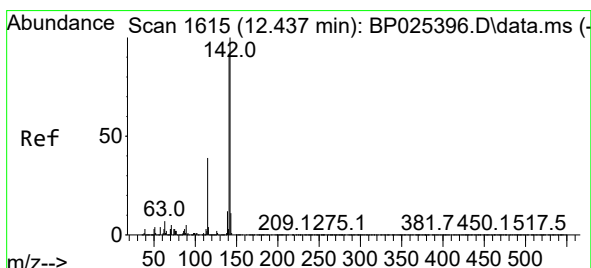
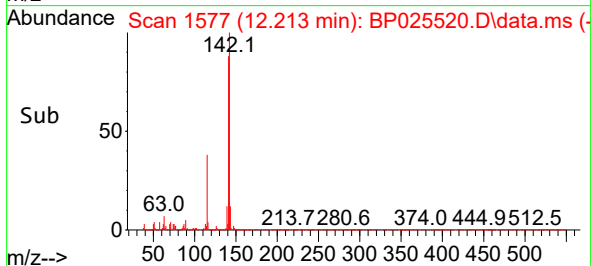
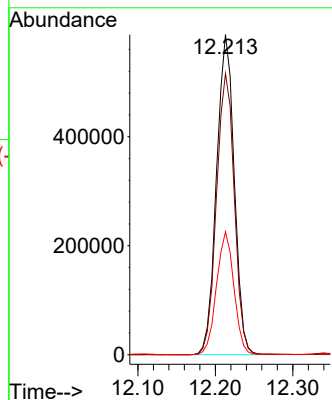
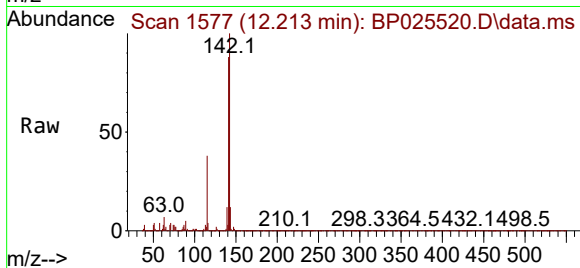
Tgt Ion:142 Resp: 931072

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

115 38.4 28.9 43.3



#38

1-Methylnaphthalene

Concen: 42.991 ng

RT: 12.431 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

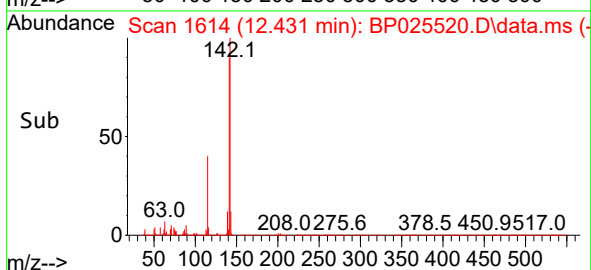
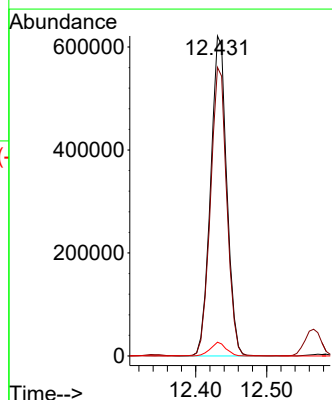
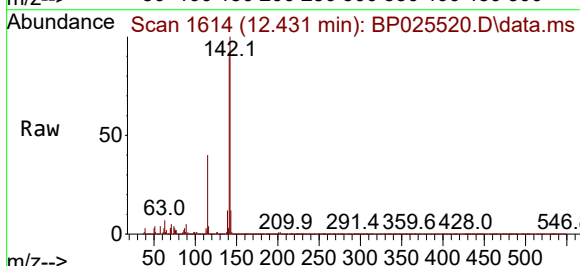
Tgt Ion:142 Resp: 982511

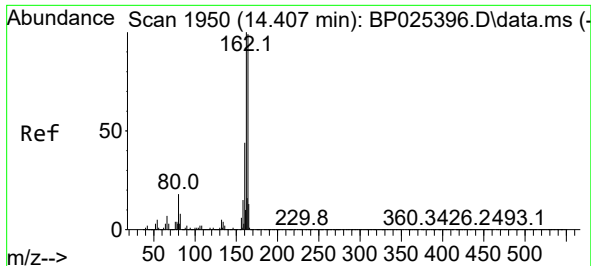
Ion Ratio Lower Upper

142 100

141 90.2 73.1 109.7

116 4.3 3.2 4.8

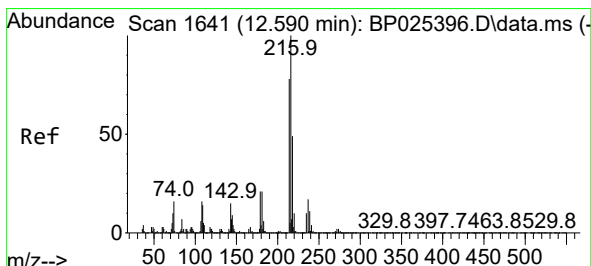
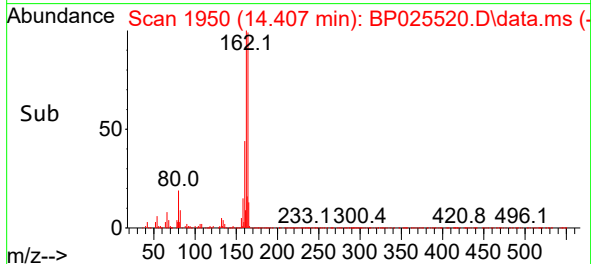
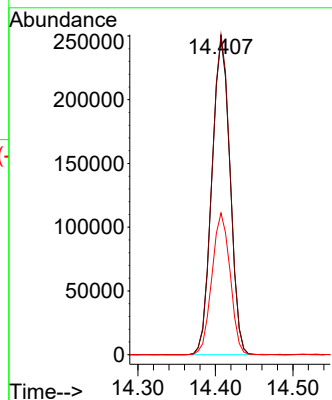
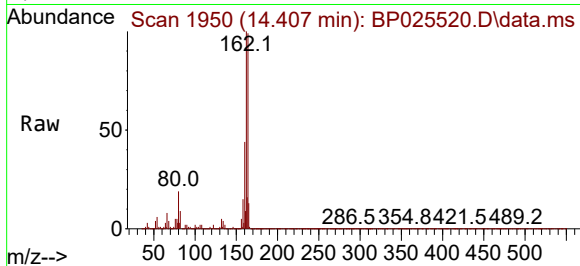




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

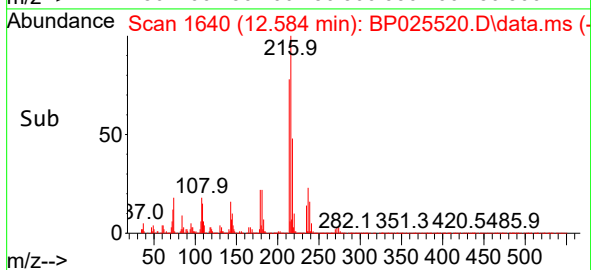
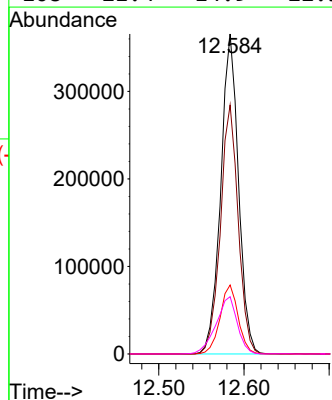
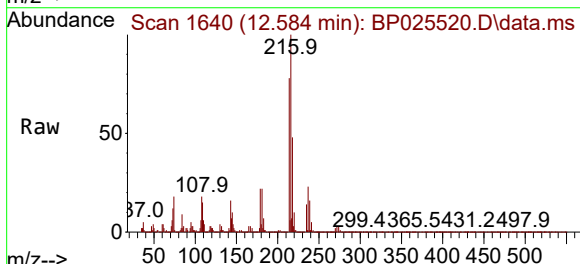
Instrument :
BNA_P
ClientSampleId :
38M-NMS

Tgt Ion:164 Resp: 403432
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 44.8 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.440 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:216 Resp: 529445
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 22.0 17.1 25.7
108 21.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 92.264 ng

RT: 12.566 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

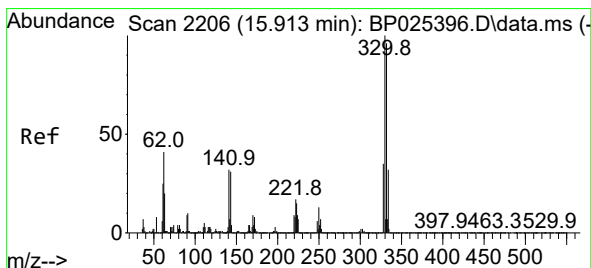
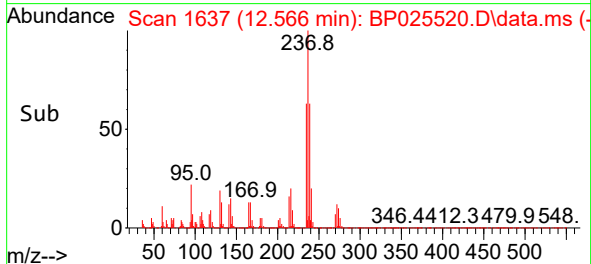
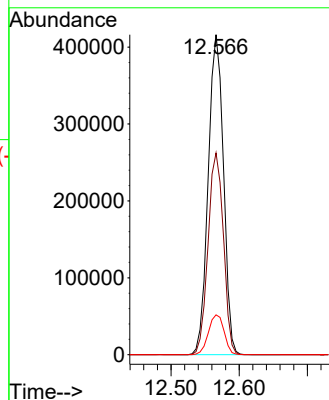
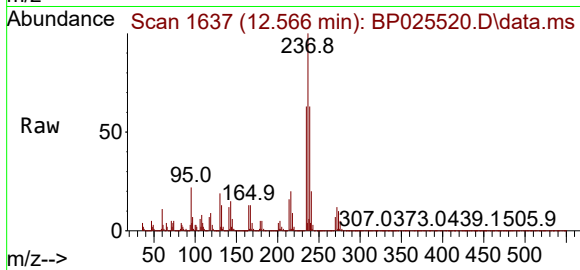
Tgt Ion:237 Resp: 649355

Ion Ratio Lower Upper

237 100

235 63.0 42.7 82.7

272 12.4 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 100.145 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

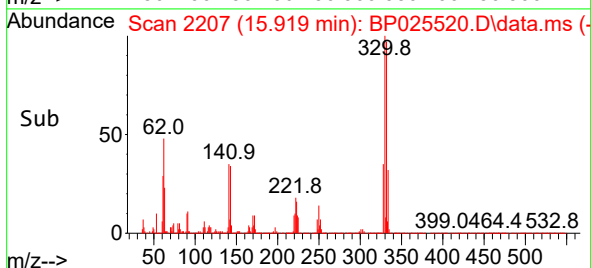
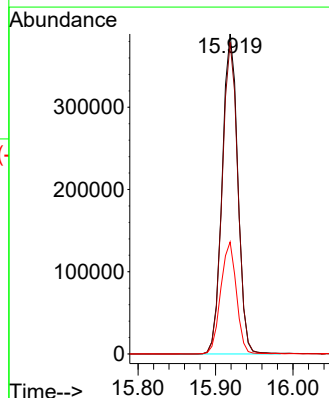
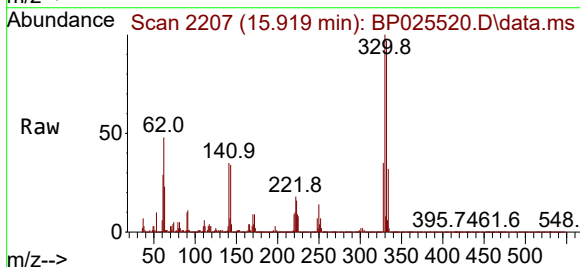
Tgt Ion:330 Resp: 543808

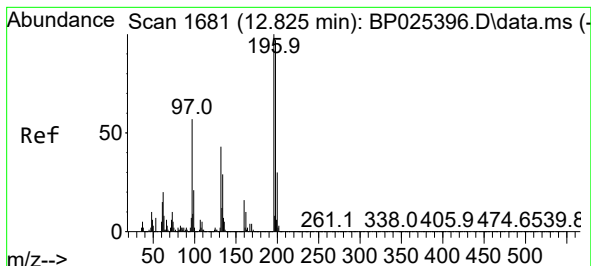
Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 35.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 47.848 ng

RT: 12.825 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

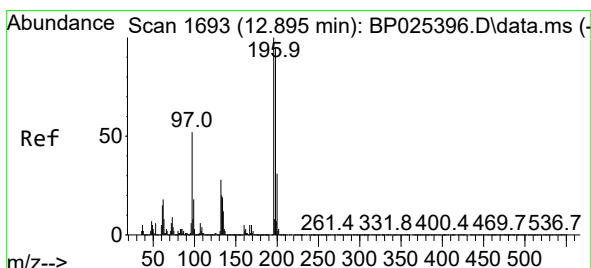
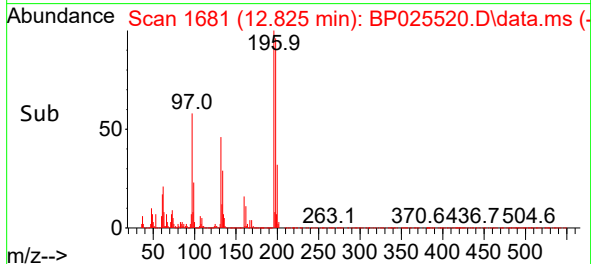
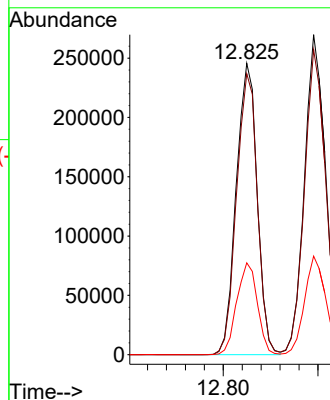
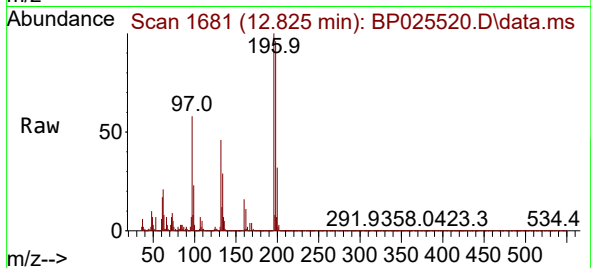
Tgt Ion:196 Resp: 376373

Ion Ratio Lower Upper

196 100

198 96.4 77.2 115.8

200 31.5 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 49.047 ng

RT: 12.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Tgt Ion:196 Resp: 422835

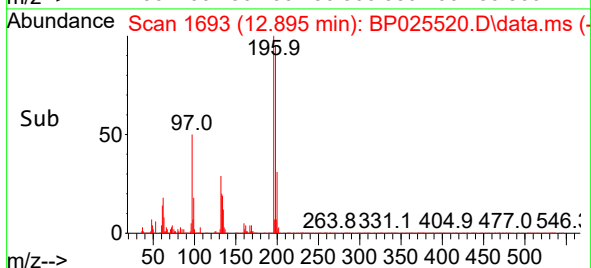
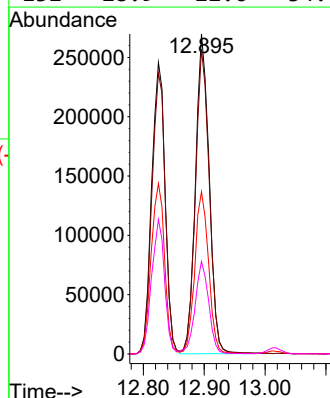
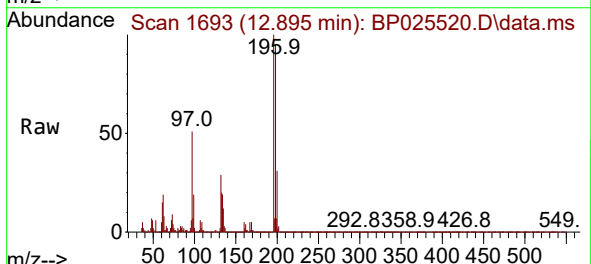
Ion Ratio Lower Upper

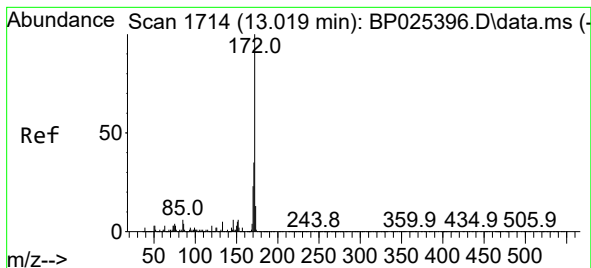
196 100

198 95.3 76.2 114.2

97 50.7 41.2 61.8

132 28.9 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 56.883 ng

RT: 13.013 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

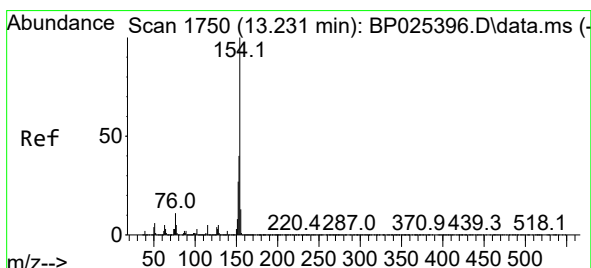
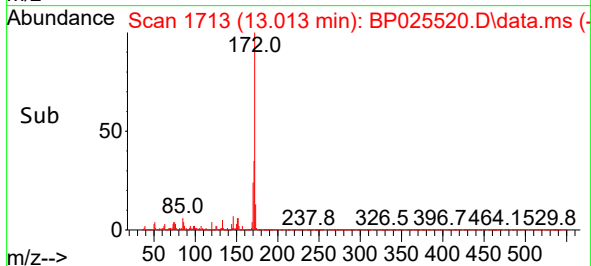
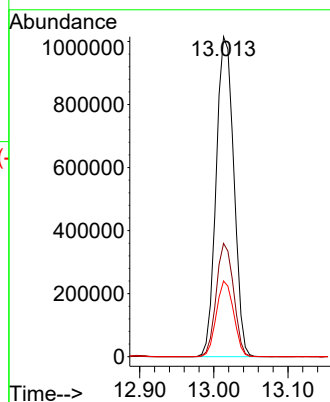
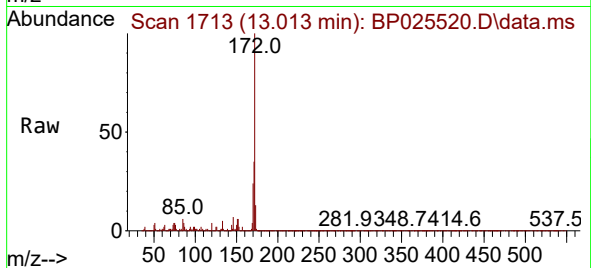
Tgt Ion:172 Resp: 1679128

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.403 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

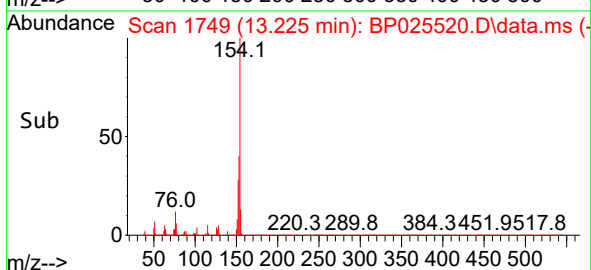
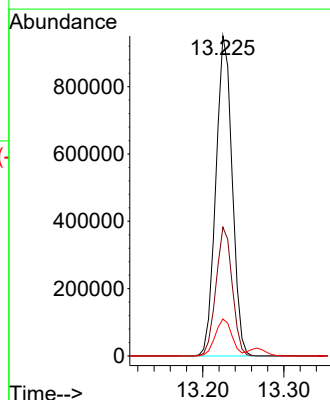
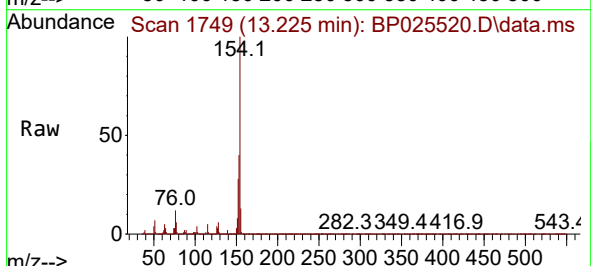
Tgt Ion:154 Resp: 1330277

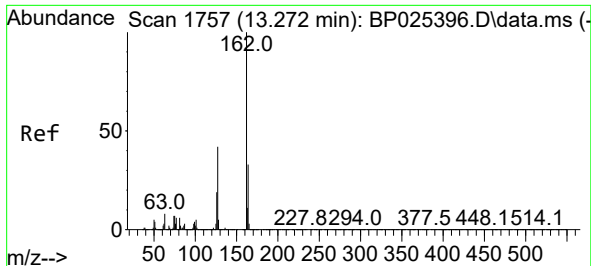
Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

76 11.6 0.0 31.1

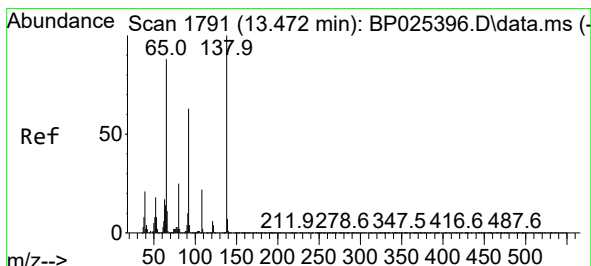
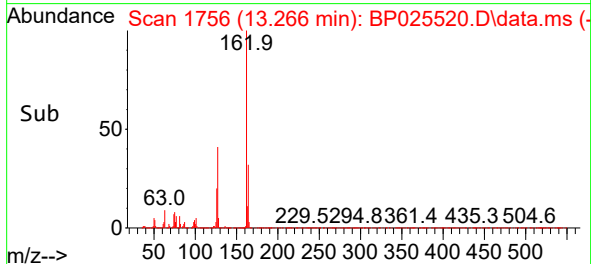
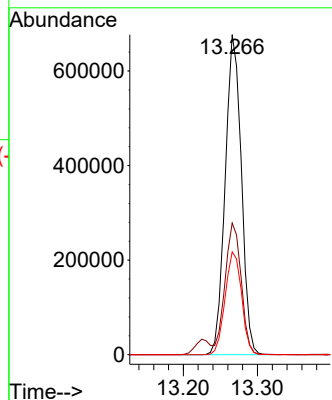
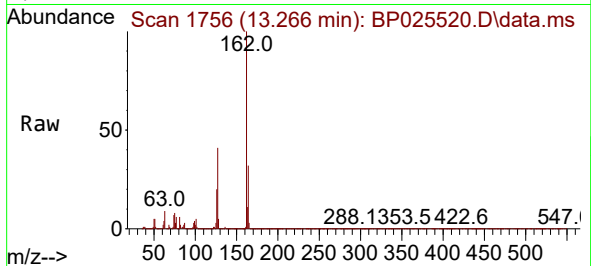




#47
2-Chloronaphthalene
Concen: 44.881 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

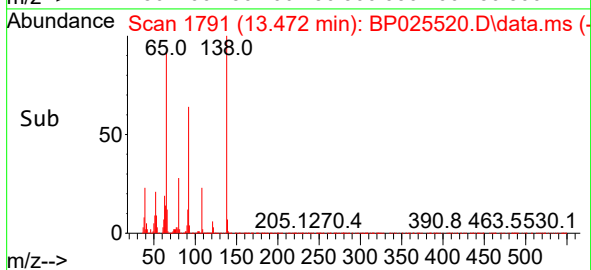
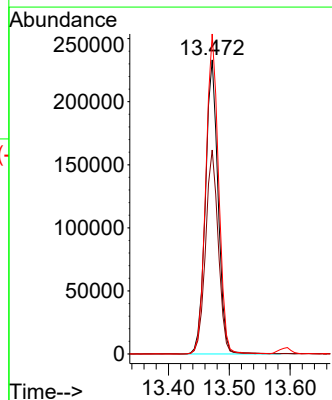
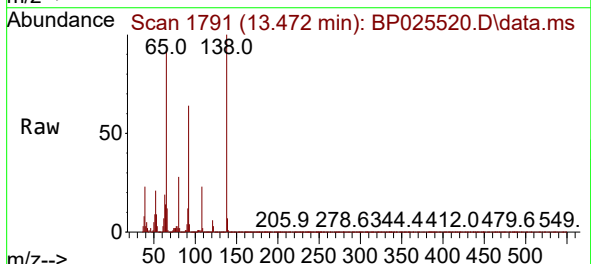
Instrument :
BNA_P
ClientSampleId :
38M-NMS

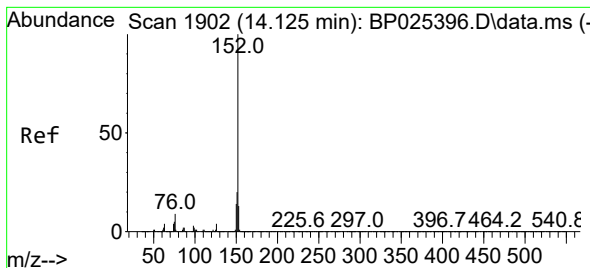
Tgt Ion:162 Resp: 1023704
Ion Ratio Lower Upper
162 100
127 41.2 33.4 50.2
164 32.2 26.2 39.2



#48
2-Nitroaniline
Concen: 50.668 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 65 Resp: 336748
Ion Ratio Lower Upper
65 100
92 69.4 57.6 86.4
138 108.8 91.0 136.6





#49

Acenaphthylene

Concen: 46.038 ng

RT: 14.125 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

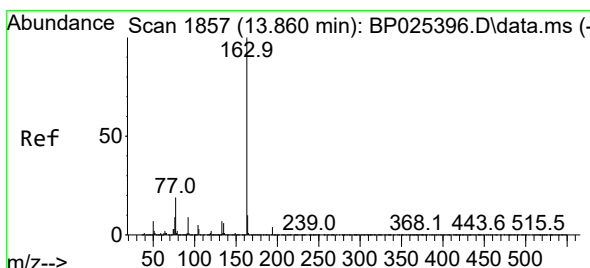
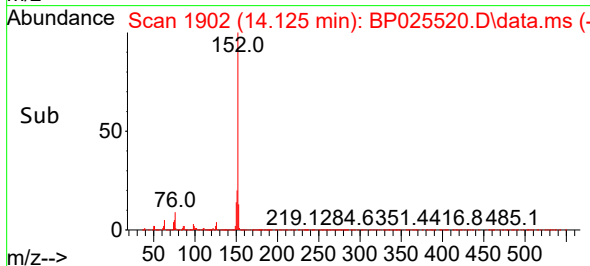
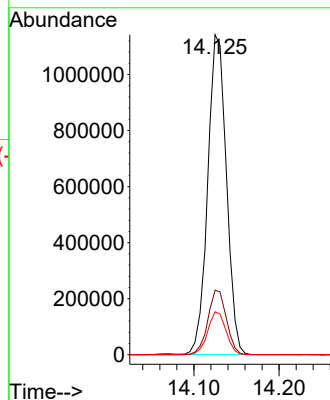
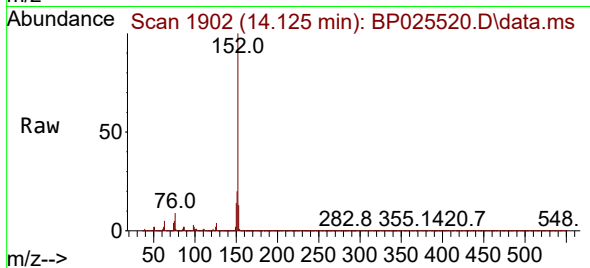
Tgt Ion:152 Resp: 1737611

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 45.729 ng

RT: 13.860 min Scan# 1857

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

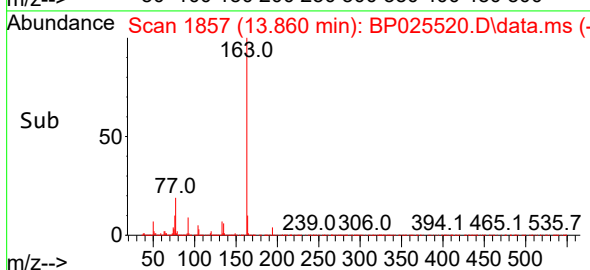
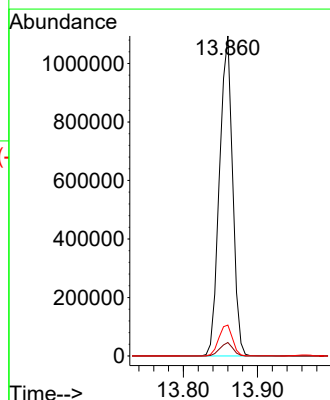
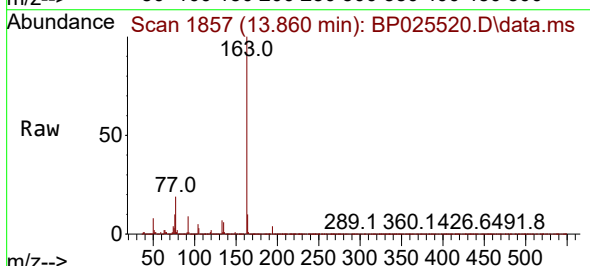
Tgt Ion:163 Resp: 1350968

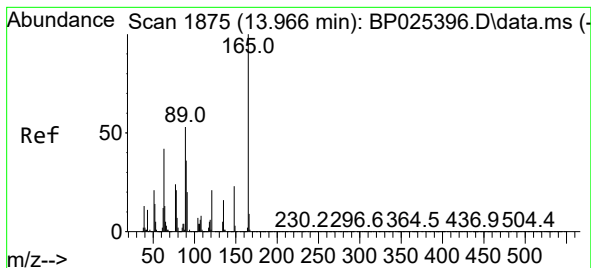
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.7 7.9 11.9

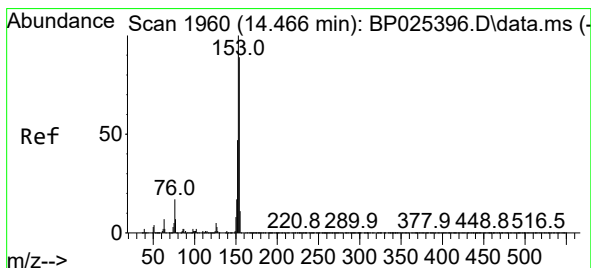
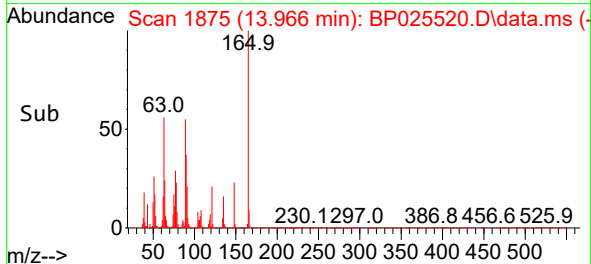
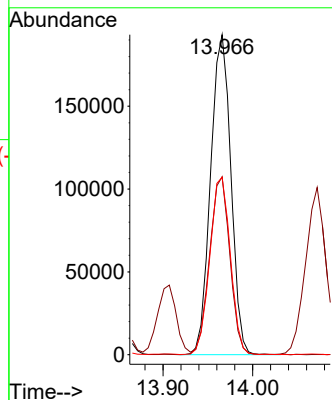
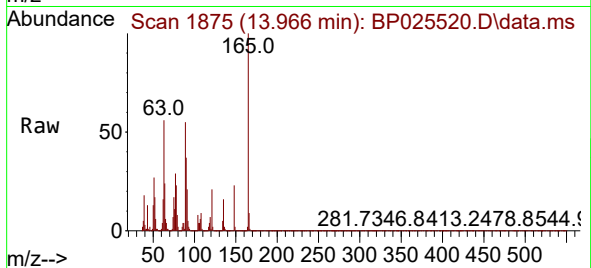




#51
2,6-Dinitrotoluene
Concen: 48.690 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

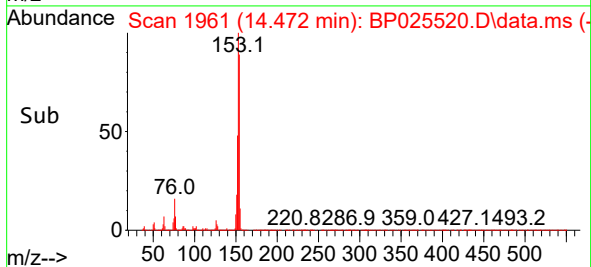
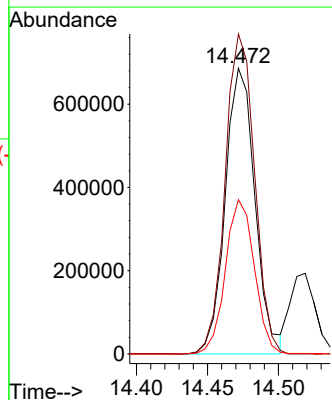
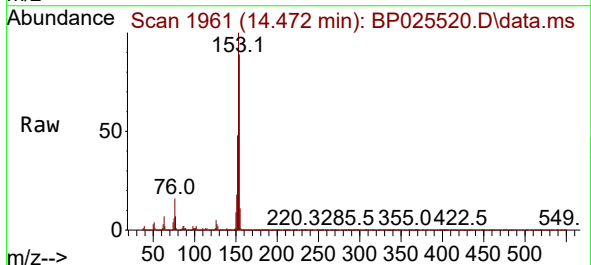
Instrument :
BNA_P
ClientSampleId :
38M-NMS

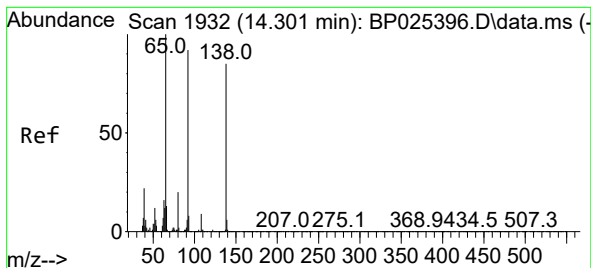
Tgt Ion:165 Resp: 303179
Ion Ratio Lower Upper
165 100
63 55.6 40.9 61.3
89 55.5 42.1 63.1



#52
Acenaphthene
Concen: 45.154 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:154 Resp: 1000372
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 54.0 42.1 63.1

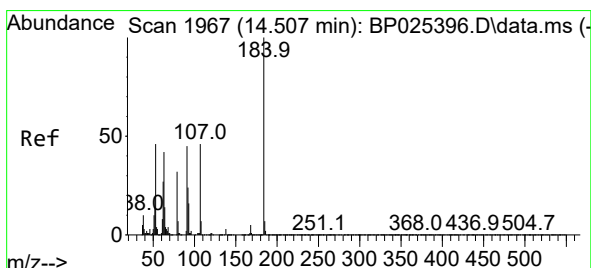
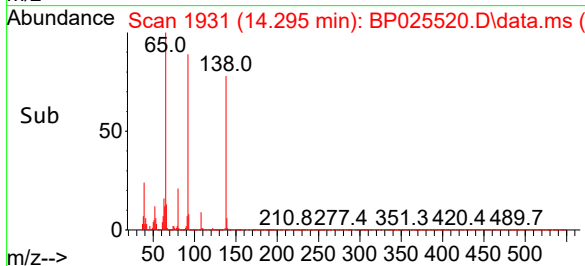
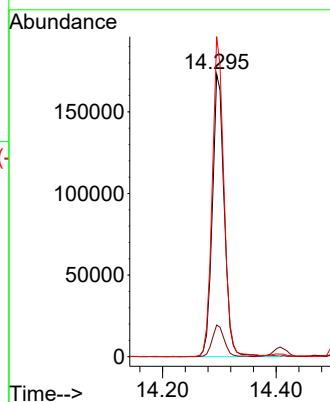
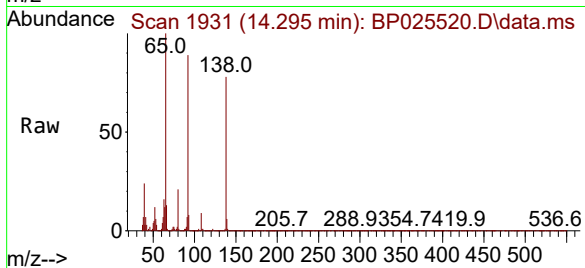




#53
3-Nitroaniline
Concen: 35.706 ng
RT: 14.295 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

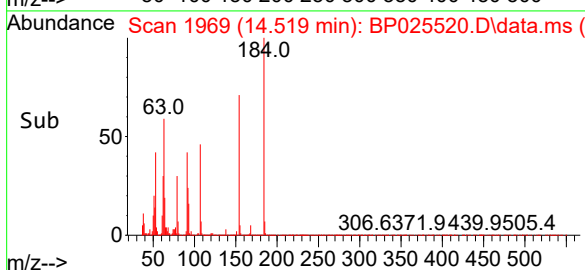
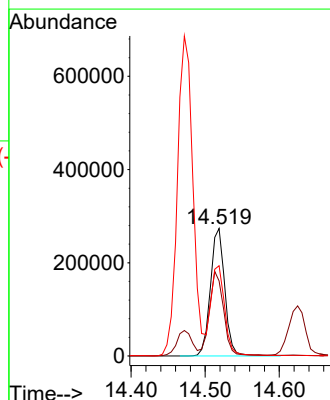
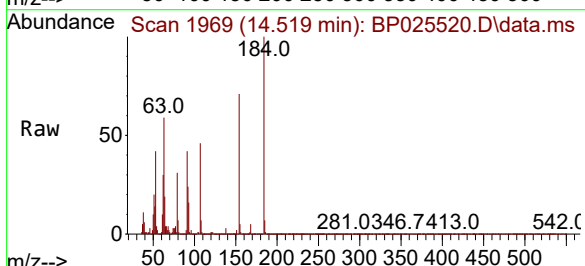
Instrument :
BNA_P
ClientSampleId :
38M-NMS

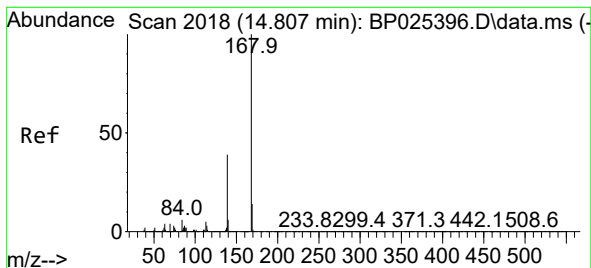
Tgt Ion:138 Resp: 250146
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 113.3 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 111.289 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:184 Resp: 370066
Ion Ratio Lower Upper
184 100
63 58.9 49.4 74.2
154 70.8 54.6 82.0





#55

Dibenzenofuran

Concen: 45.003 ng

RT: 14.813 min Scan# 20

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

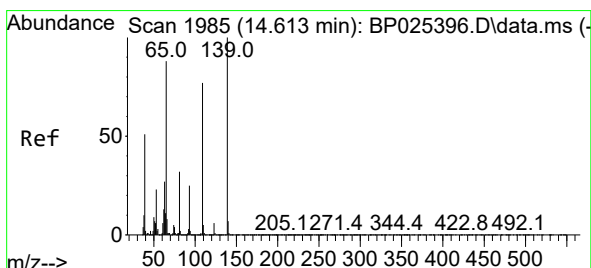
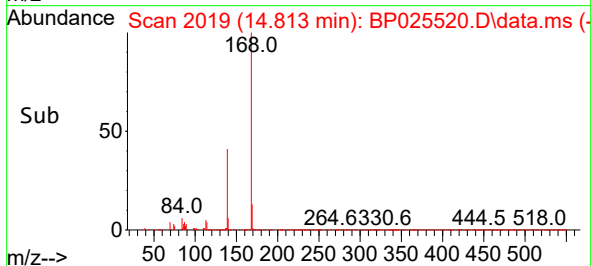
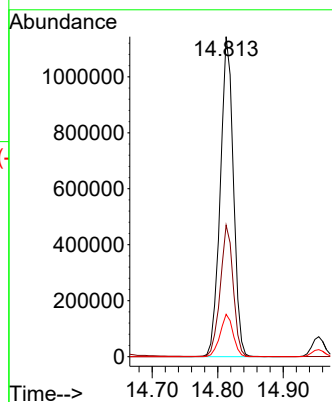
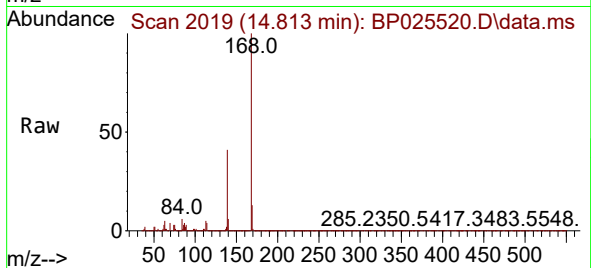
Tgt Ion:168 Resp: 1576282

Ion Ratio Lower Upper

168 100

139 41.1 31.5 47.3

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 101.965 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

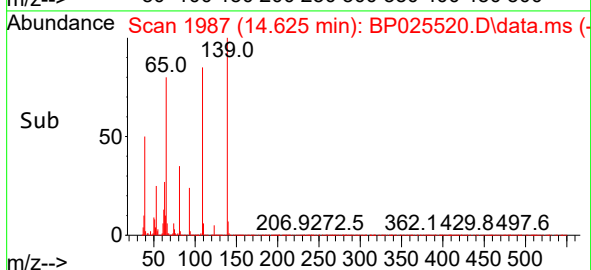
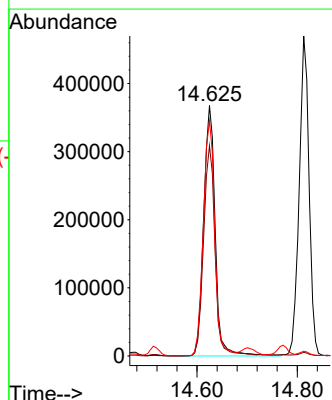
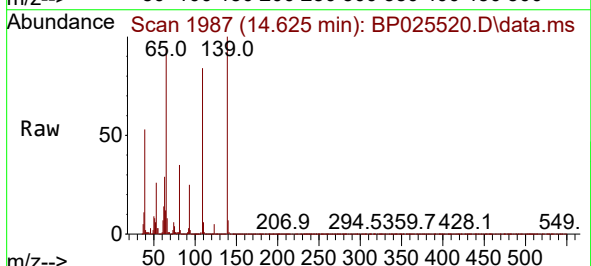
Tgt Ion:139 Resp: 587000

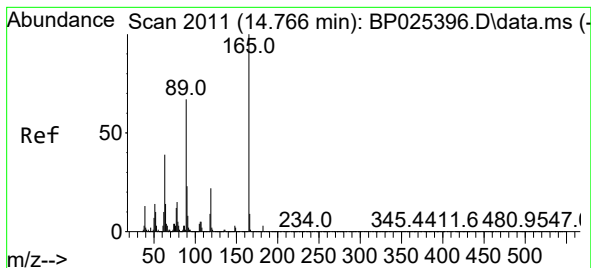
Ion Ratio Lower Upper

139 100

109 84.0 56.6 96.6

65 94.0 68.2 108.2

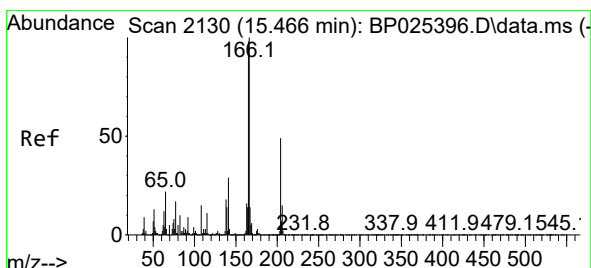
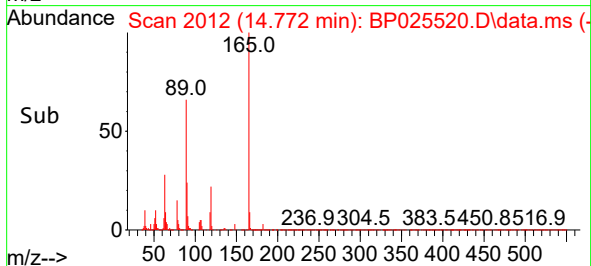
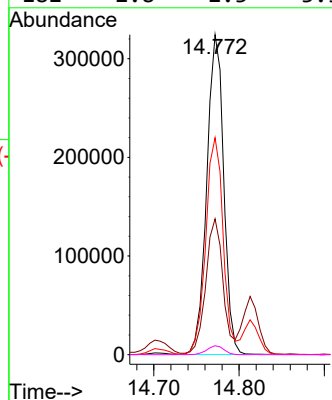
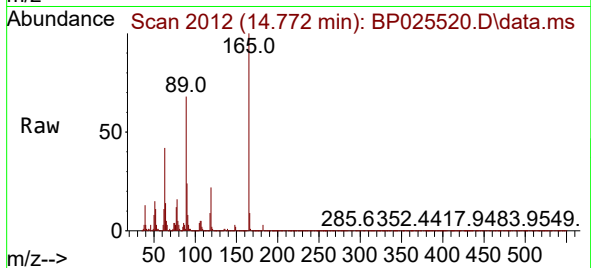




#57
2,4-Dinitrotoluene
Concen: 50.455 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

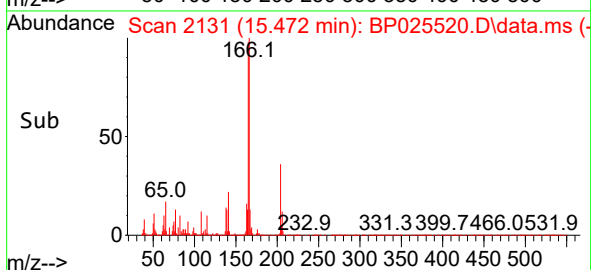
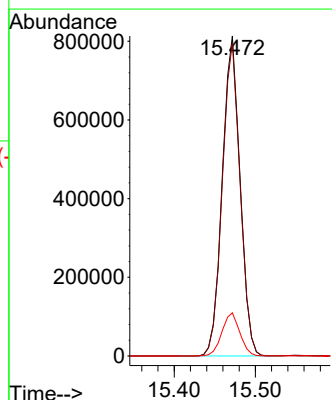
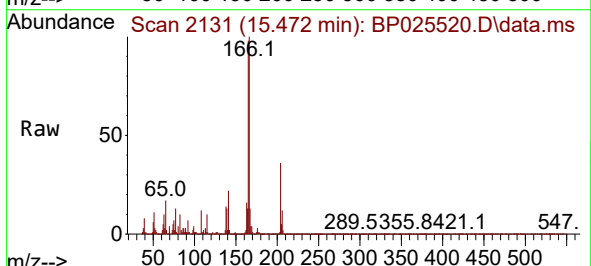
Instrument :
BNA_P
ClientSampleId :
38M-NMS

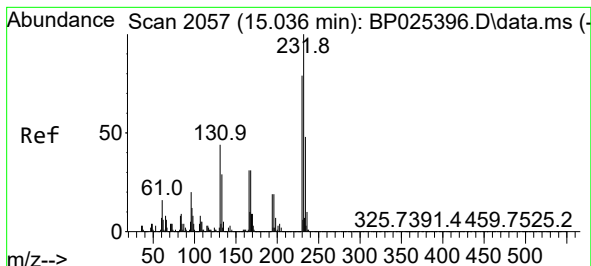
Tgt Ion:165 Resp: 448248
Ion Ratio Lower Upper
165 100
63 42.4 31.4 47.2
89 67.8 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 44.904 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:166 Resp: 1241069
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.5 11.0 16.4

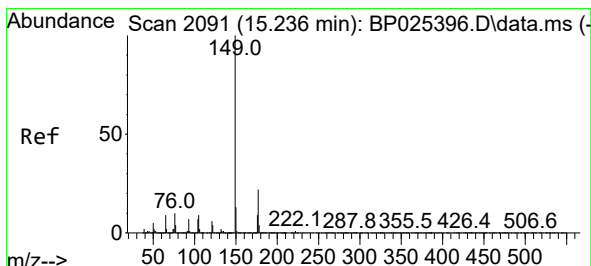
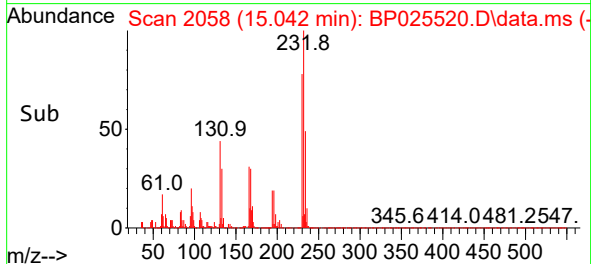
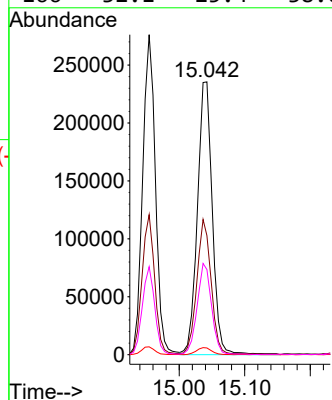
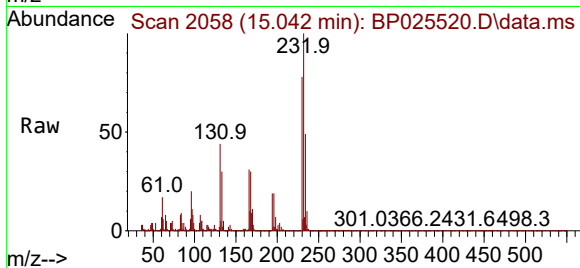




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.135 ng
RT: 15.042 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

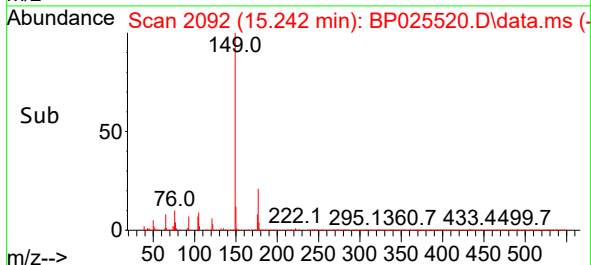
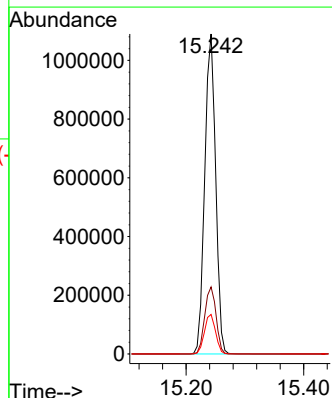
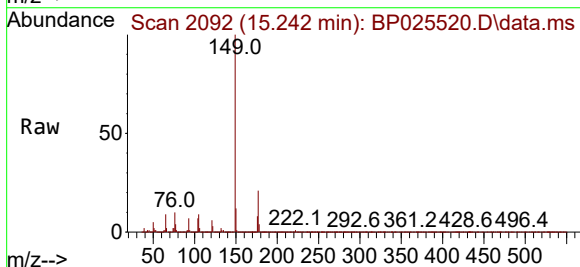
Instrument :
BNA_P
ClientSampleId :
38M-NMS

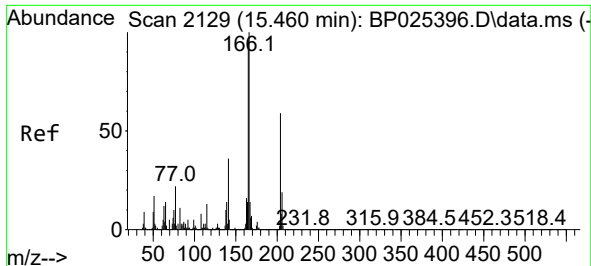
Tgt Ion:232 Resp: 374029
Ion Ratio Lower Upper
232 100
131 47.5 37.0 55.6
130 2.6 1.9 2.9
166 32.1 25.4 38.0



#60
Diethylphthalate
Concen: 46.559 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:149 Resp: 1397636
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 12.4 10.3 15.5

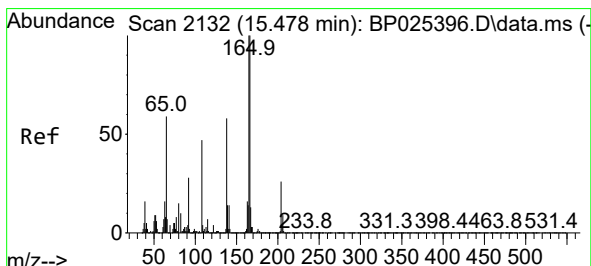
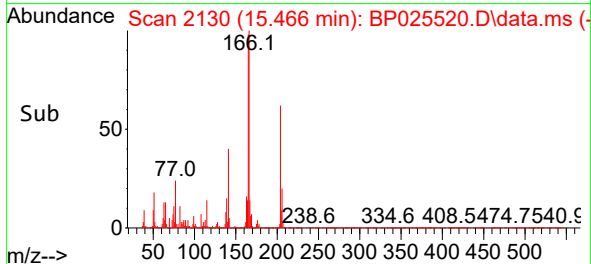
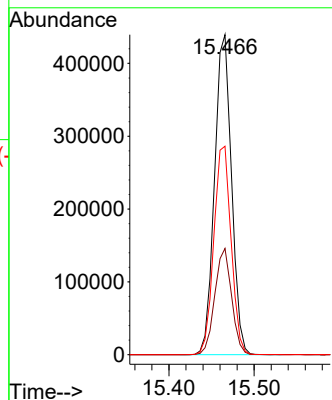
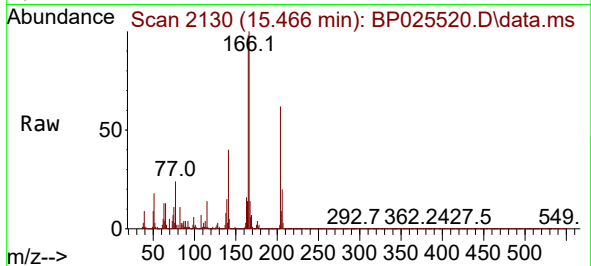




#61
4-Chlorophenyl-phenylether
Concen: 44.251 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

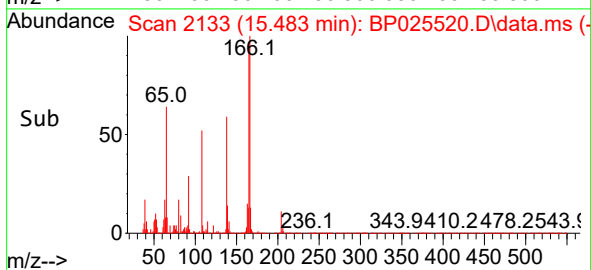
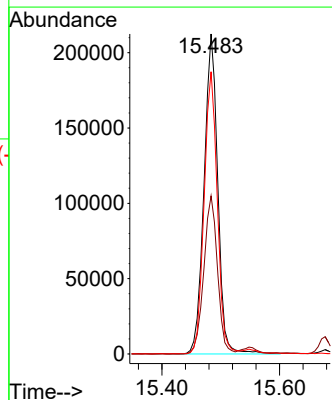
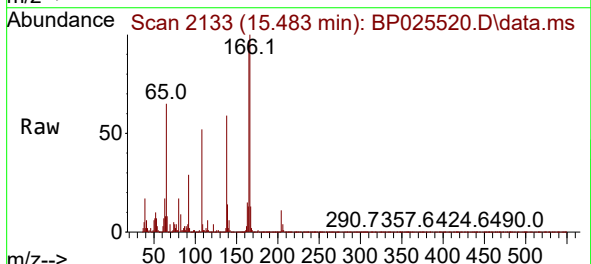
Instrument :
BNA_P
ClientSampleId :
38M-NMS

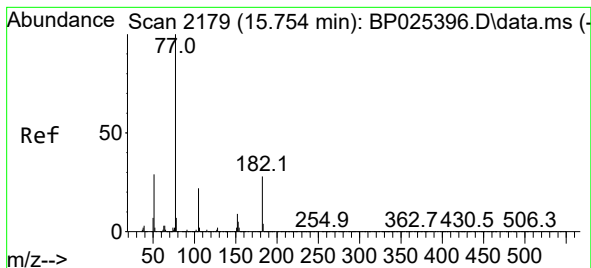
Tgt Ion:204 Resp: 608258
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 65.1 49.4 74.2



#62
4-Nitroaniline
Concen: 47.854 ng
RT: 15.483 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:138 Resp: 343690
Ion Ratio Lower Upper
138 100
92 49.4 29.1 69.1
108 88.2 61.5 101.5



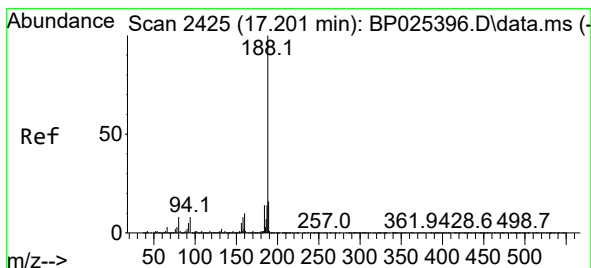
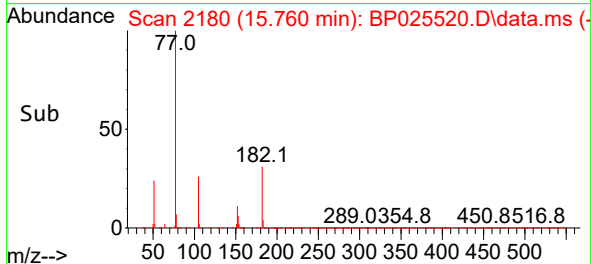
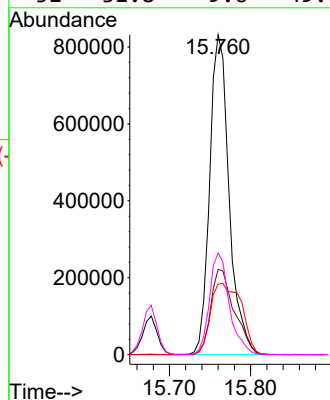
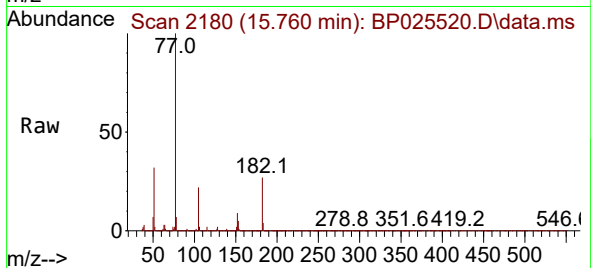


#63
Azobenzene
Concen: 53.725 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Instrument :
BNA_P
ClientSampleId :
38M-NMS

Tgt Ion: 77 Resp: 1380940

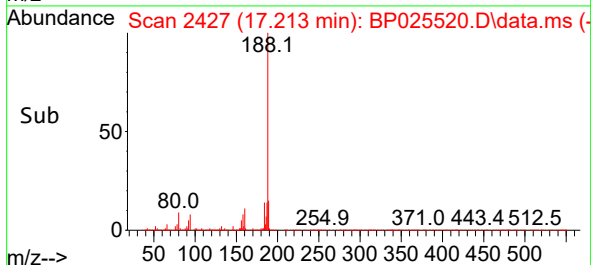
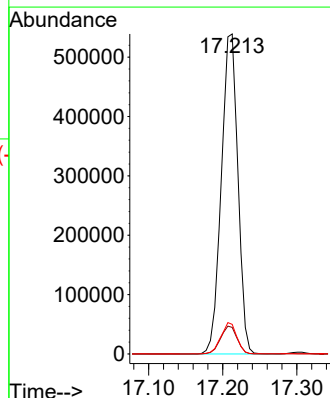
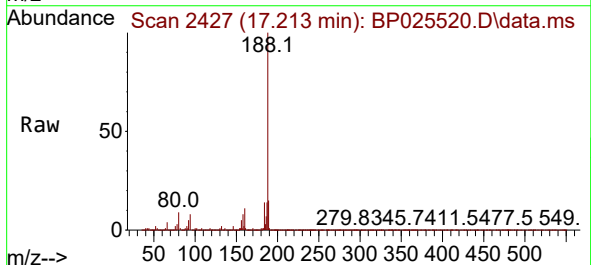
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.5	47.5
105	22.0	2.1	42.1
51	31.8	9.6	49.6

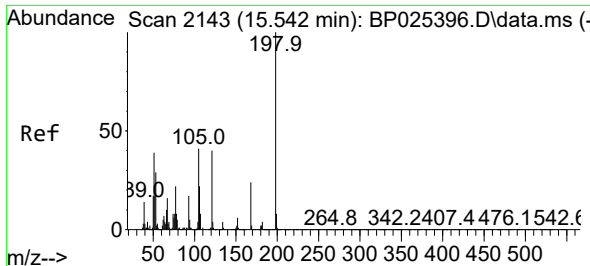


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion: 188 Resp: 837501

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.2	6.7	10.1

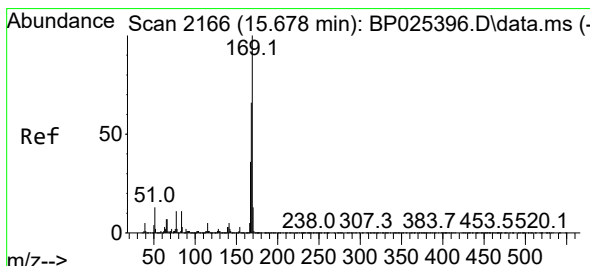
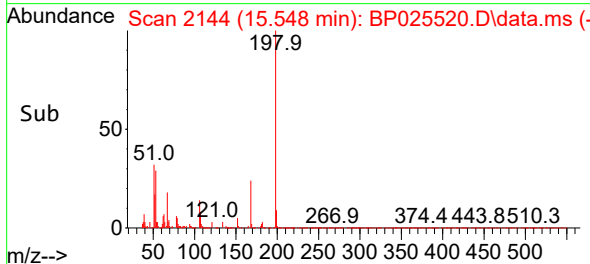
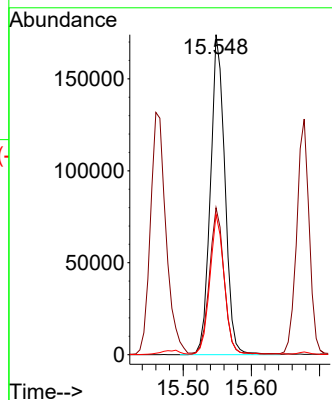
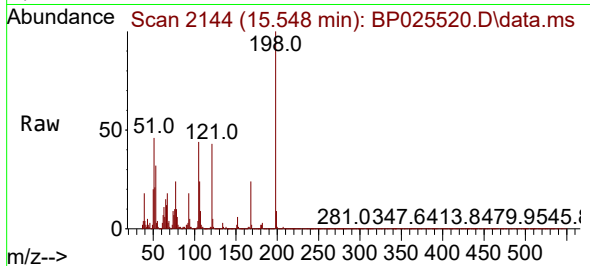




#65
4,6-Dinitro-2-methylphenol
Concen: 49.248 ng
RT: 15.548 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

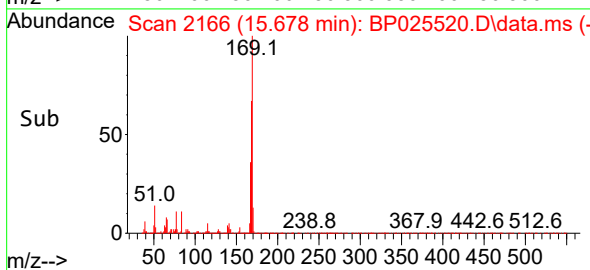
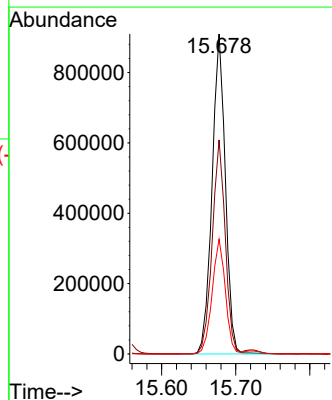
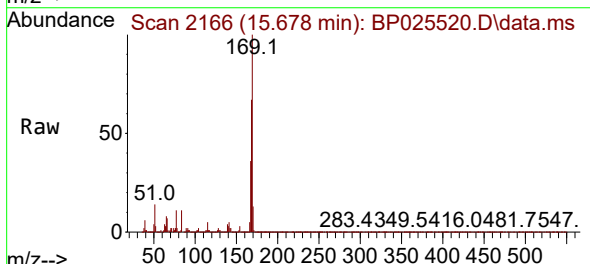
Instrument :
BNA_P
ClientSampleId :
38M-NMS

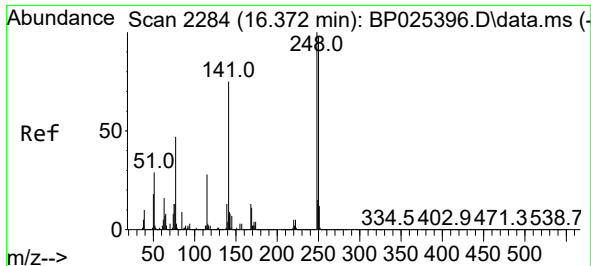
Tgt Ion:198 Resp: 257102
Ion Ratio Lower Upper
198 100
51 45.9 19.6 59.6
105 43.8 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 44.222 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:169 Resp: 1129376
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 35.9 28.7 43.1

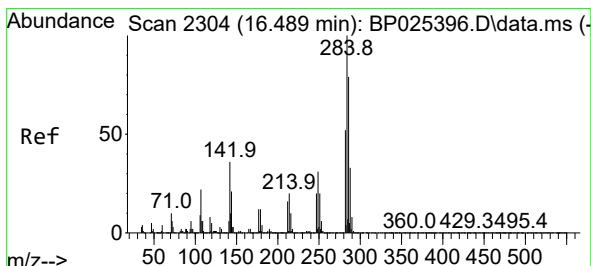
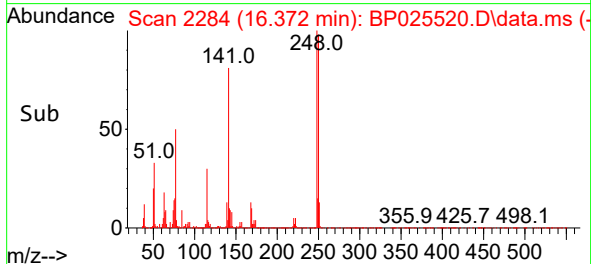
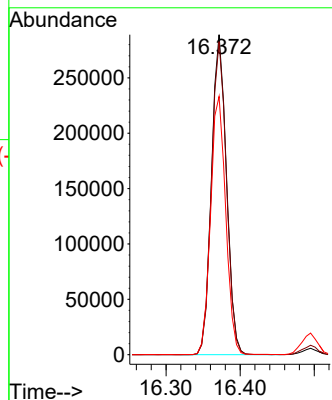
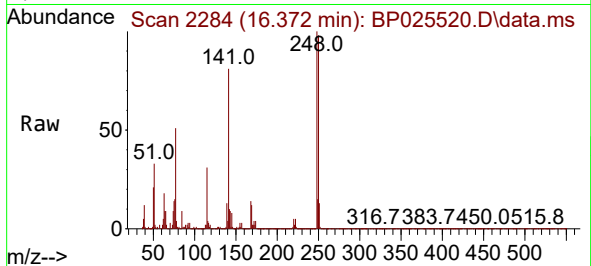




#67
4-Bromophenyl-phenylether
Concen: 44.083 ng
RT: 16.372 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

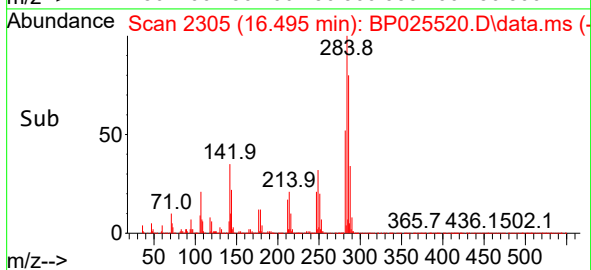
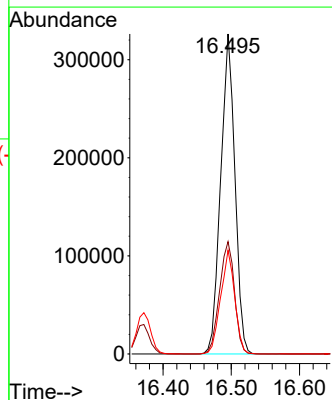
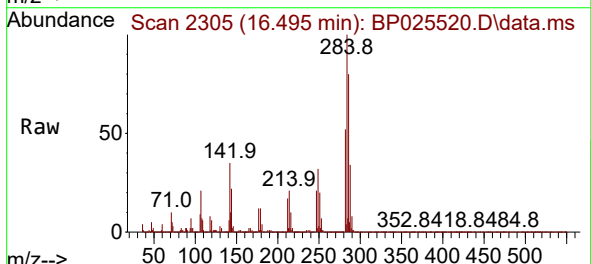
Instrument :
BNA_P
ClientSampleId :
38M-NMS

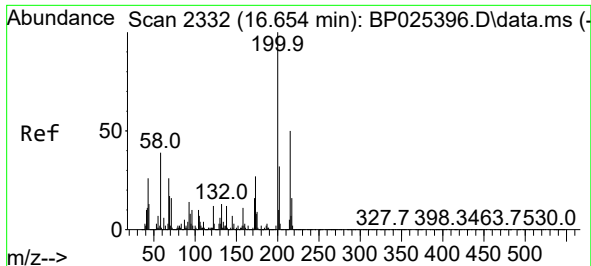
Tgt Ion:248 Resp: 406044
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.2
141 80.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 44.337 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:284 Resp: 473408
Ion Ratio Lower Upper
284 100
142 35.1 29.1 43.7
249 32.4 25.0 37.4

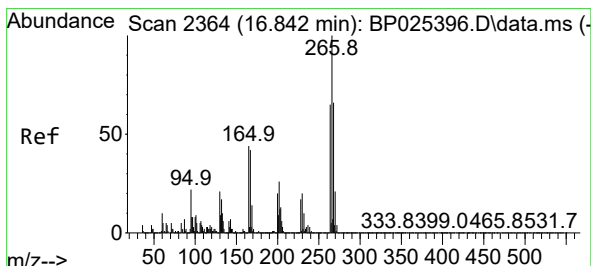
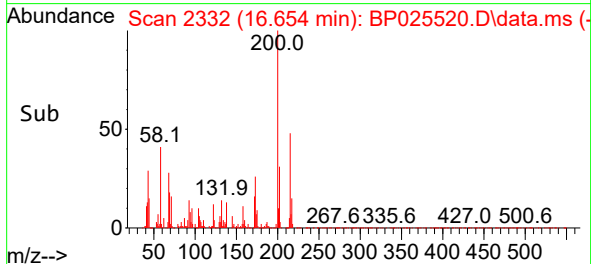
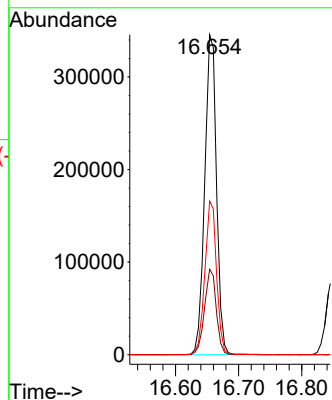
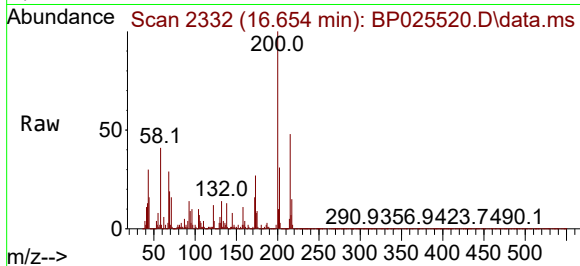




#69
Atrazine
Concen: 46.980 ng
RT: 16.654 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

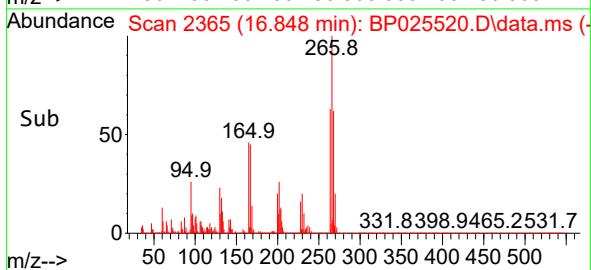
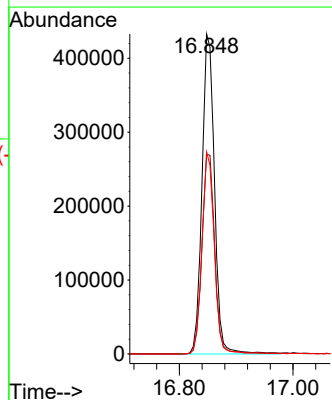
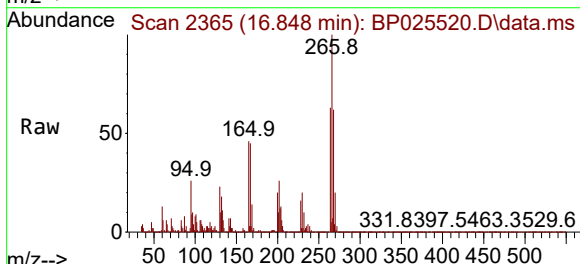
Instrument :
BNA_P
ClientSampleId :
38M-NMS

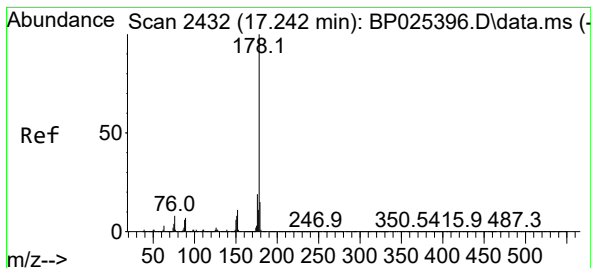
Tgt Ion:200 Resp: 449335
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 48.0 29.7 69.7



#70
Pentachlorophenol
Concen: 97.917 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:266 Resp: 659972
Ion Ratio Lower Upper
266 100
268 62.4 52.6 79.0
264 63.1 52.0 78.0





#71

Phenanthrene

Concen: 45.067 ng

RT: 17.248 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

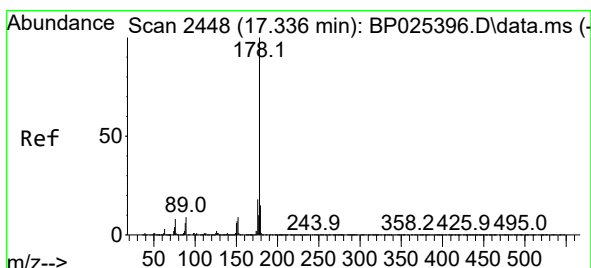
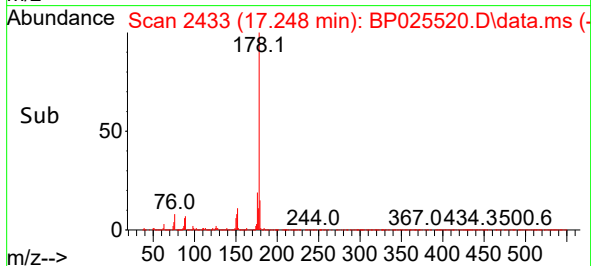
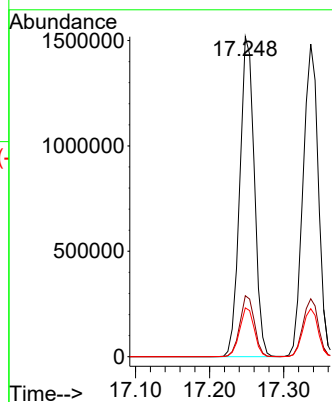
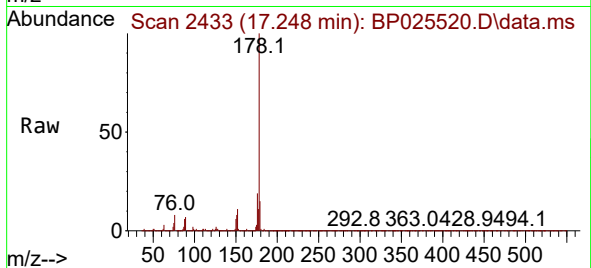
Tgt Ion:178 Resp: 2073388

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.289 ng

RT: 17.336 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

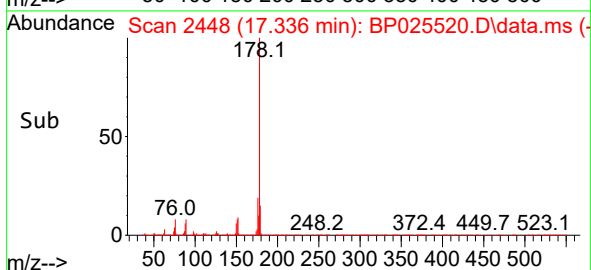
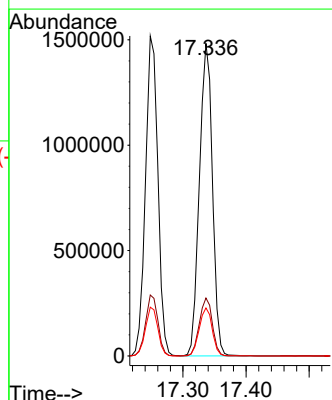
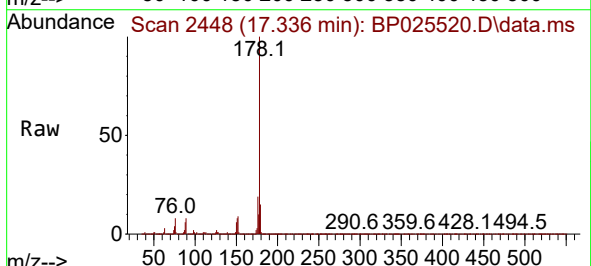
Tgt Ion:178 Resp: 2127785

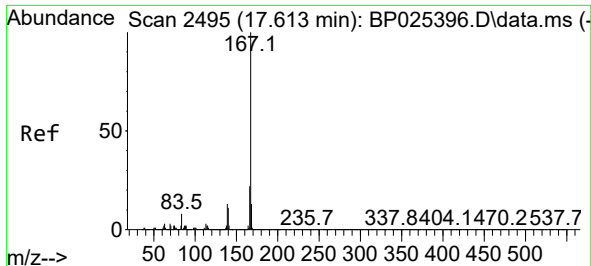
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.2 18.2

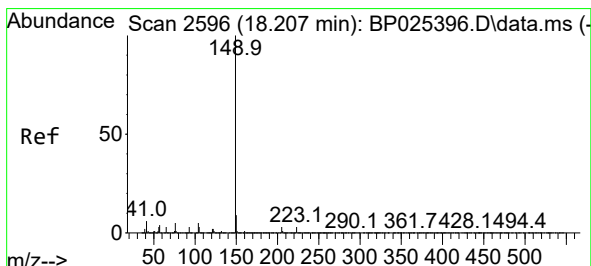
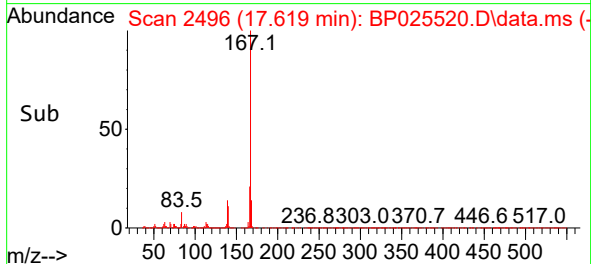
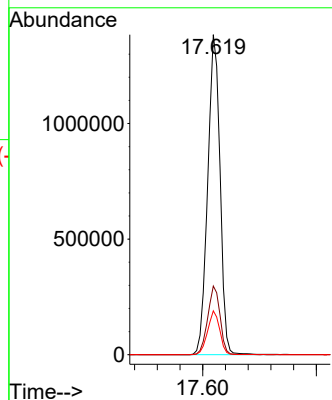
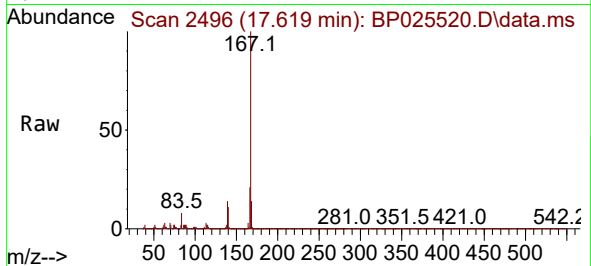




#73
 Carbazole
 Concen: 46.915 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025520.D
 Acq: 20 Aug 2025 23:54

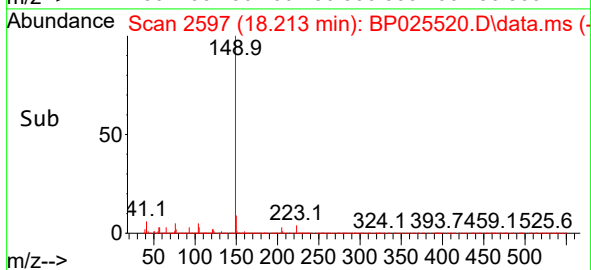
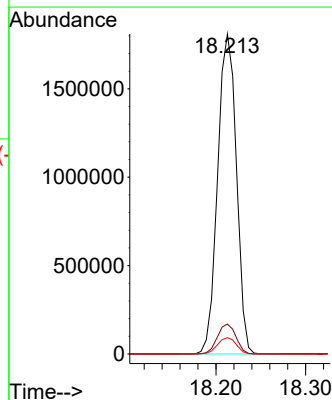
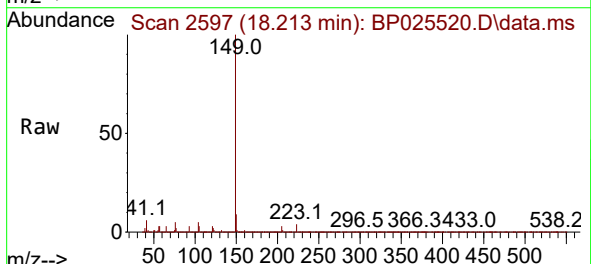
Instrument :
 BNA_P
 ClientSampleId :
 38M-NMS

Tgt Ion:167 Resp: 2076151
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.277 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025520.D
 Acq: 20 Aug 2025 23:54

Tgt Ion:149 Resp: 2628515
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 45.975 ng

RT: 19.330 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

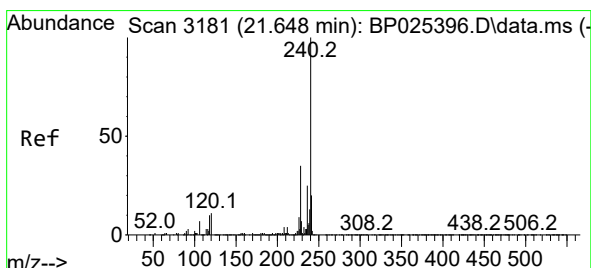
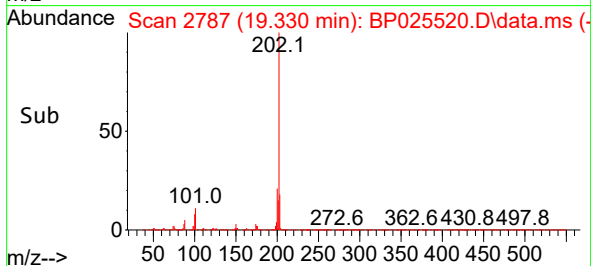
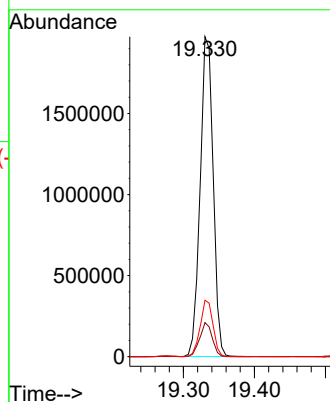
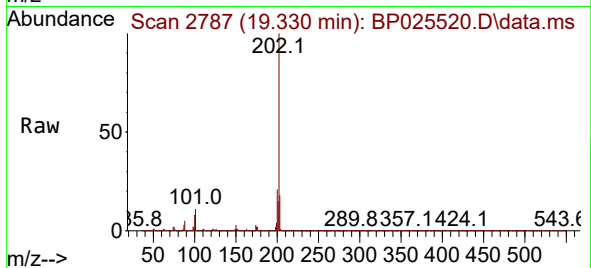
Tgt Ion:202 Resp: 2523020

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

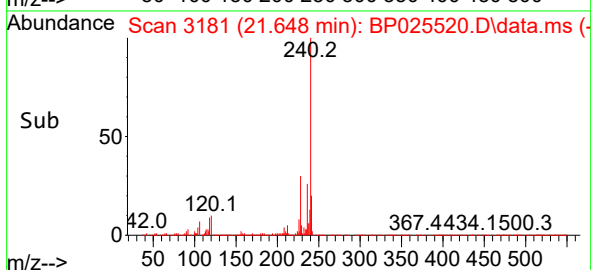
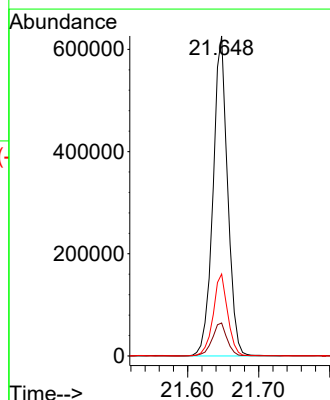
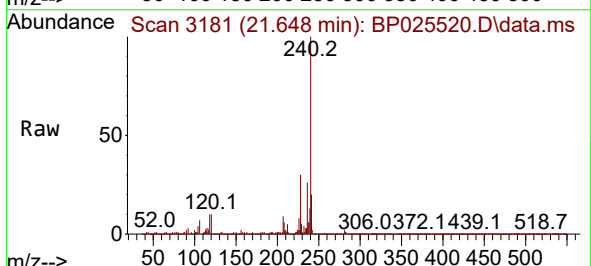
Tgt Ion:240 Resp: 894140

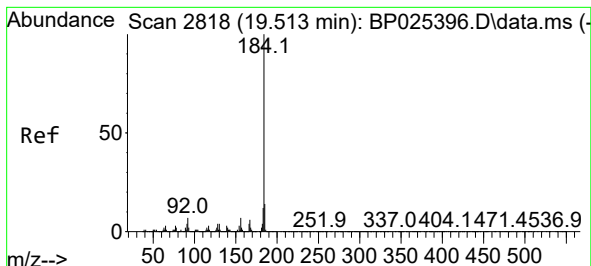
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 19.8 29.8





#77

Benzidine

Concen: 42.697 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

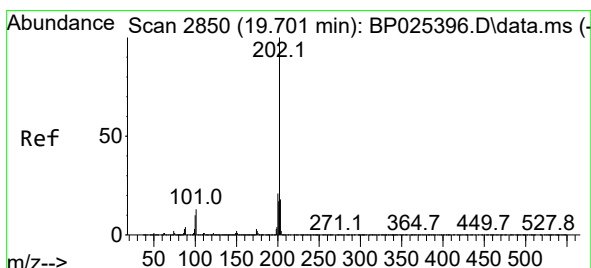
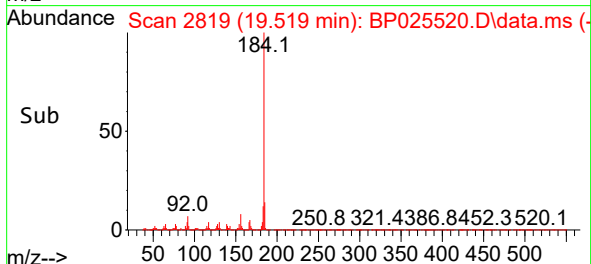
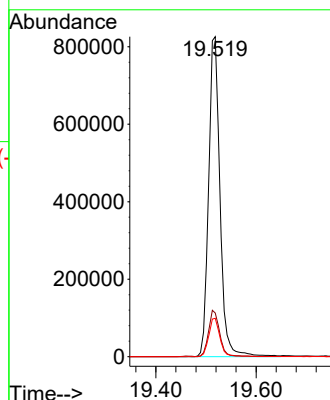
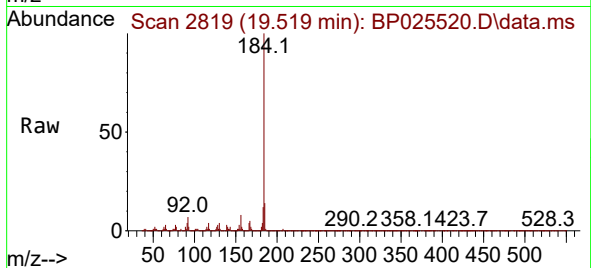
Tgt Ion:184 Resp: 1302891

Ion Ratio Lower Upper

184 100

185 13.6 11.5 17.3

183 12.0 9.4 14.2



#78

Pyrene

Concen: 45.167 ng

RT: 19.707 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

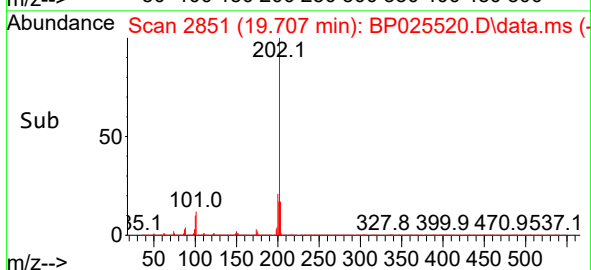
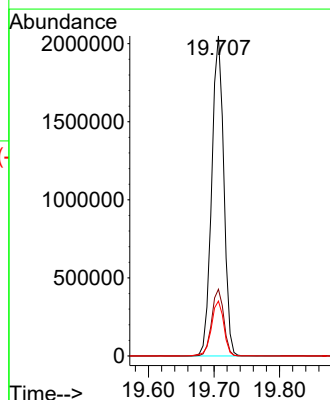
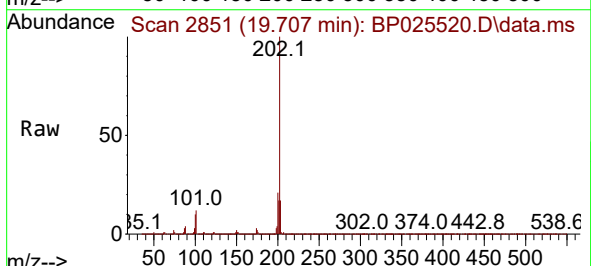
Tgt Ion:202 Resp: 2624941

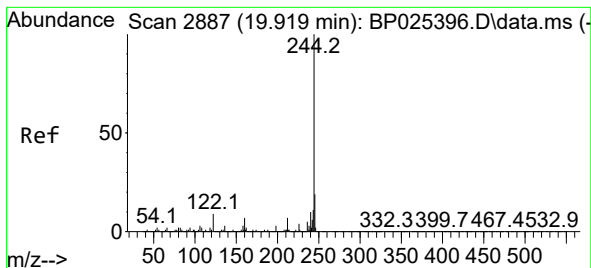
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 56.813 ng

RT: 19.919 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

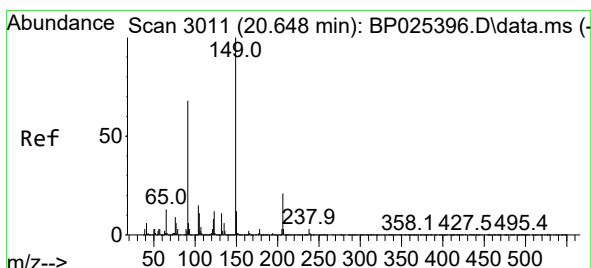
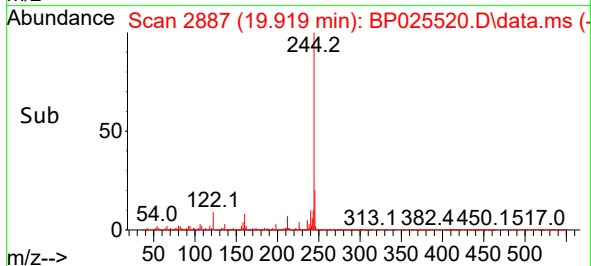
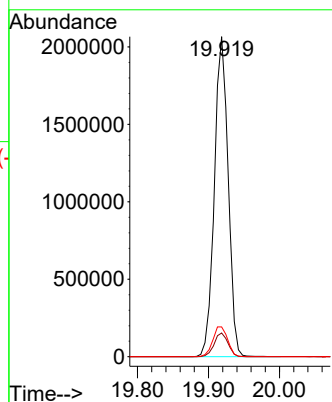
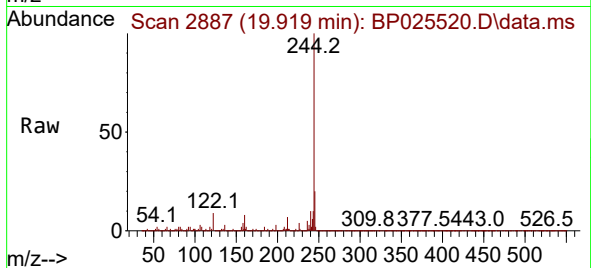
Tgt Ion:244 Resp: 2776530

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 48.436 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

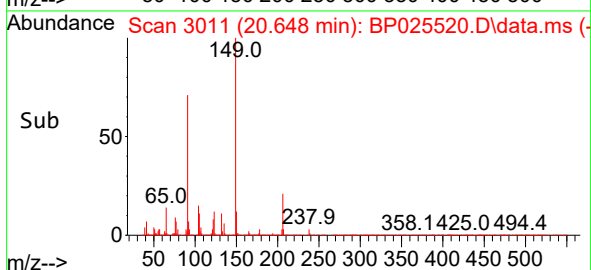
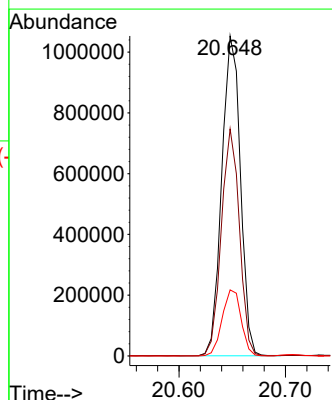
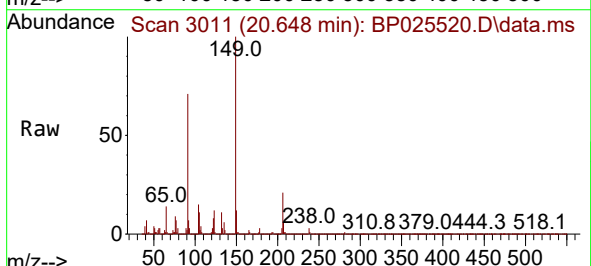
Tgt Ion:149 Resp: 1275745

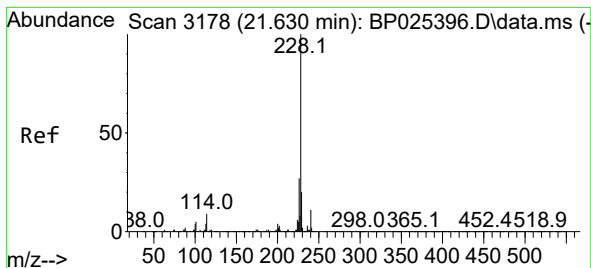
Ion Ratio Lower Upper

149 100

91 70.9 54.2 81.2

206 20.7 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.979 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

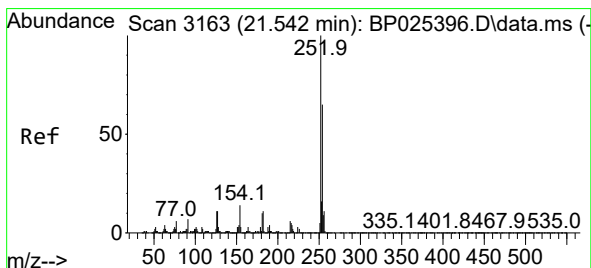
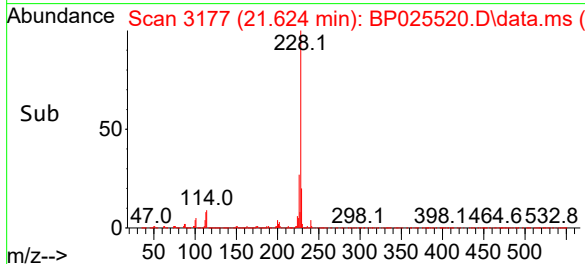
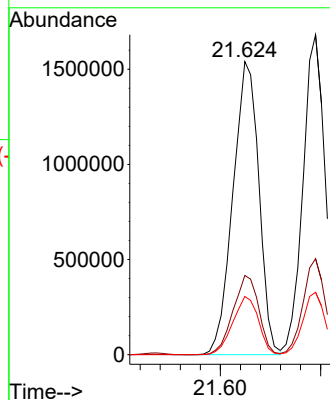
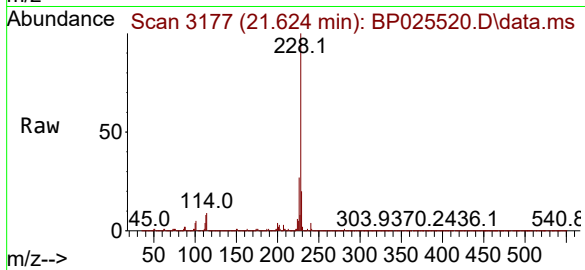
Tgt Ion:228 Resp: 2770305

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 32.723 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

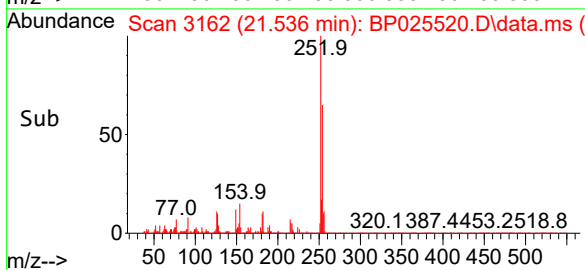
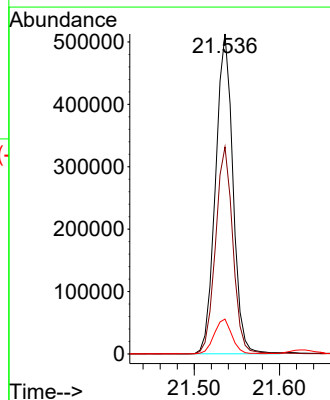
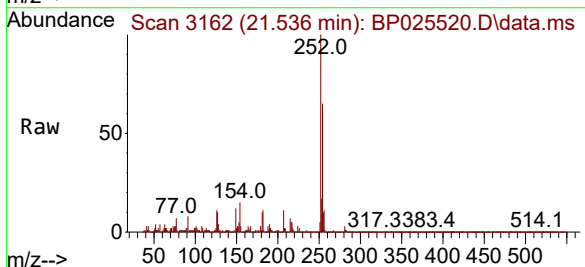
Tgt Ion:252 Resp: 727315

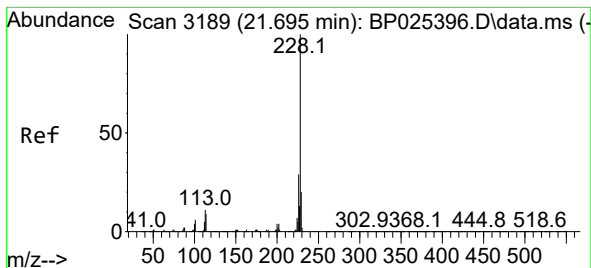
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 10.9 9.1 13.7





#83

Chrysene

Concen: 46.430 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

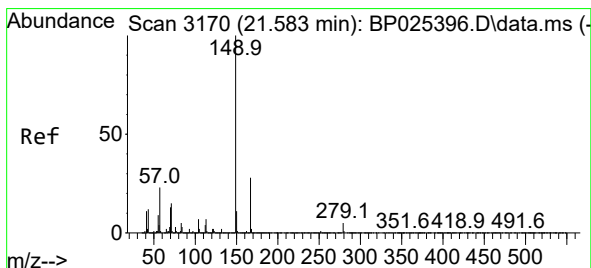
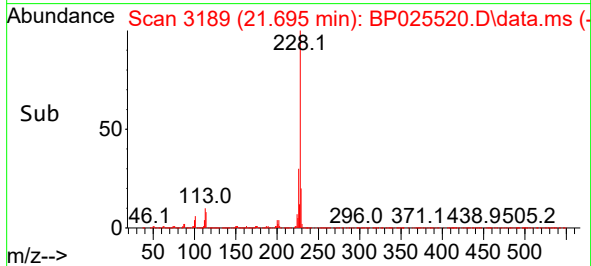
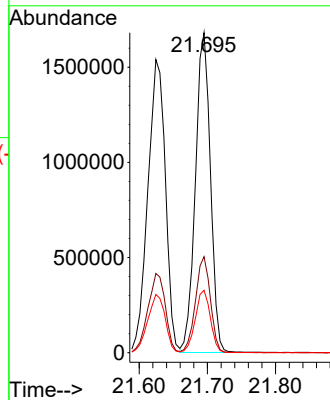
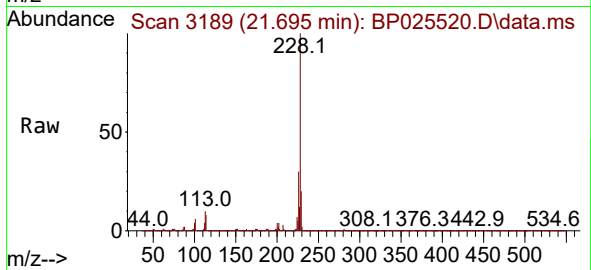
Tgt Ion:228 Resp: 2564073

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.156 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

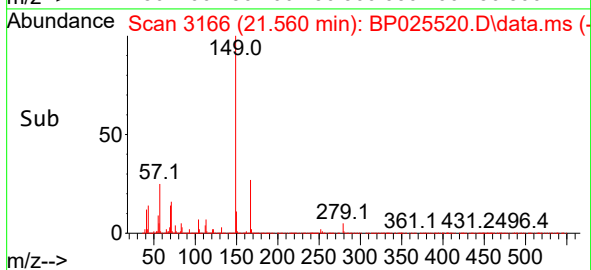
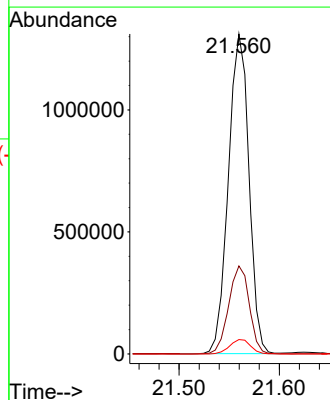
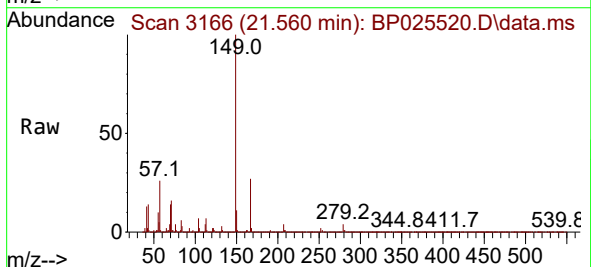
Tgt Ion:149 Resp: 1867112

Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.5 3.8 5.6

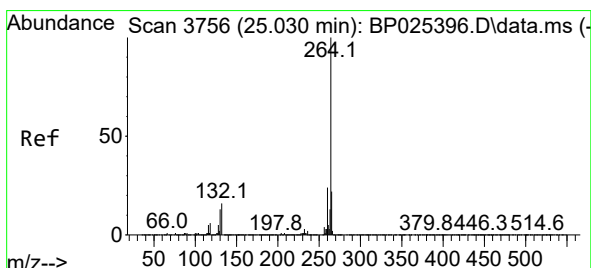
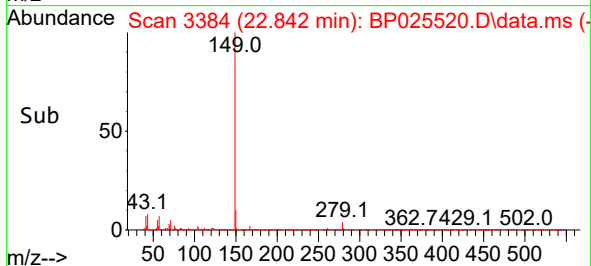
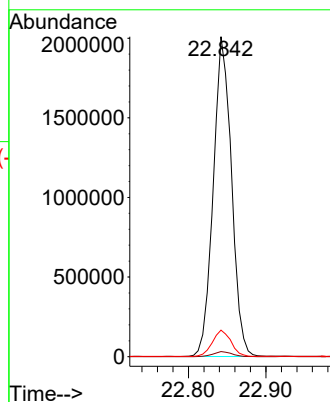
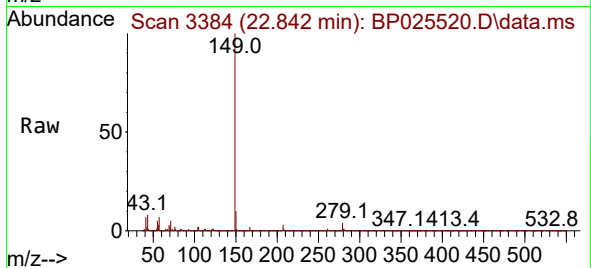




#85
Di-n-octyl phthalate
Concen: 49.169 ng
RT: 22.842 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

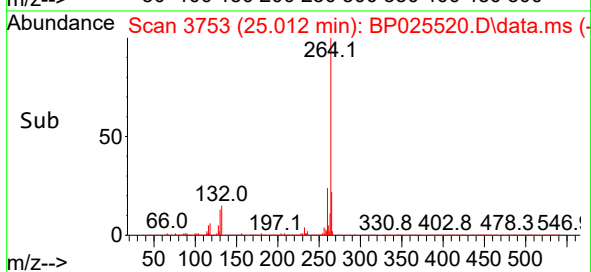
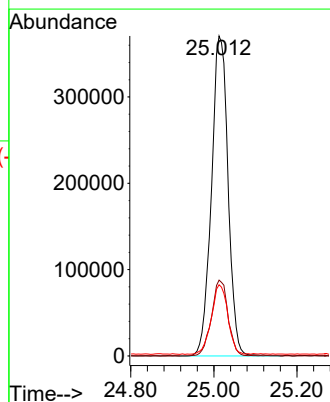
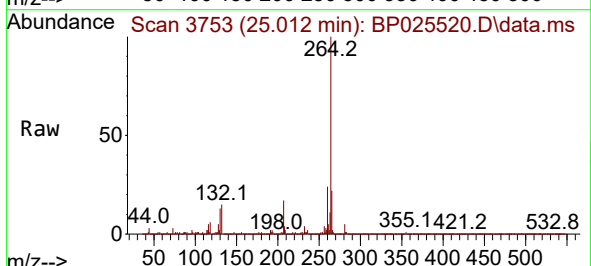
Instrument :
BNA_P
ClientSampleId :
38M-NMS

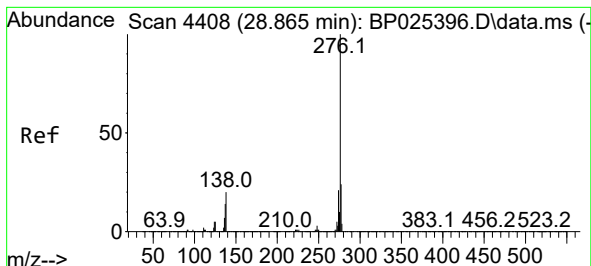
Tgt Ion:149 Resp: 3279123
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3753
Delta R.T. -0.018 min
Lab File: BP025520.D
Acq: 20 Aug 2025 23:54

Tgt Ion:264 Resp: 1028739
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.657 ng

RT: 28.836 min Scan# 4408

Delta R.T. -0.029 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

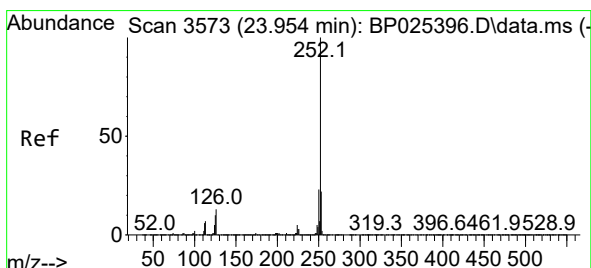
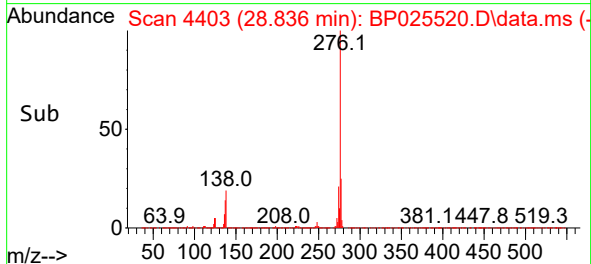
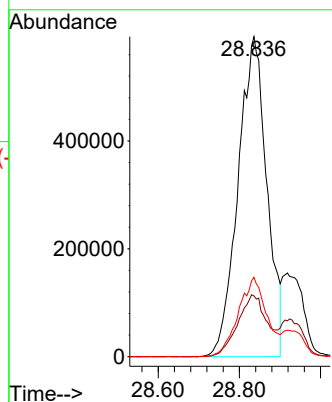
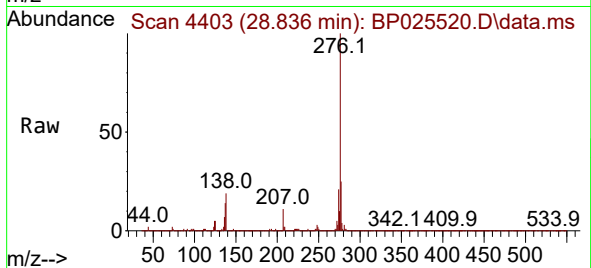
Tgt Ion:276 Resp: 2916461

Ion Ratio Lower Upper

276 100

138 19.3 12.9 19.3

277 24.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 45.628 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

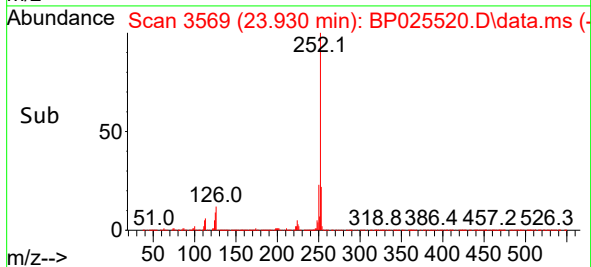
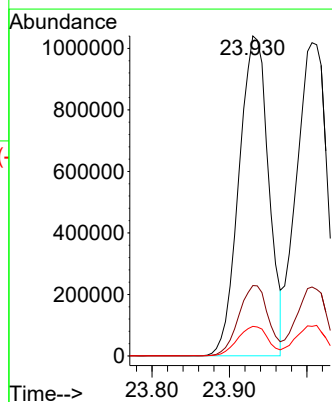
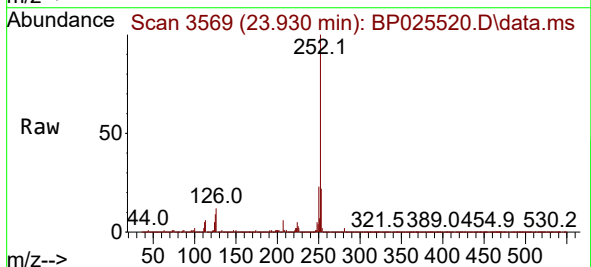
Tgt Ion:252 Resp: 2767890

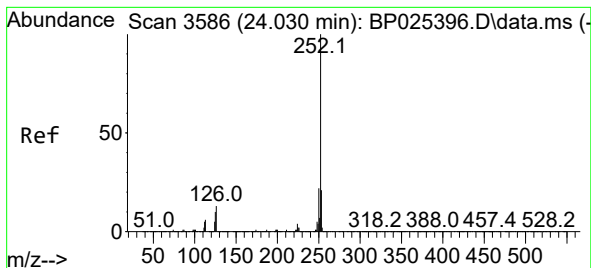
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.426 ng

RT: 24.007 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

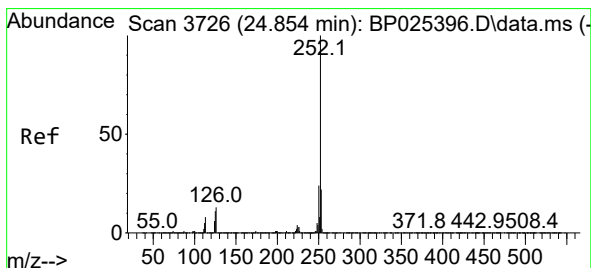
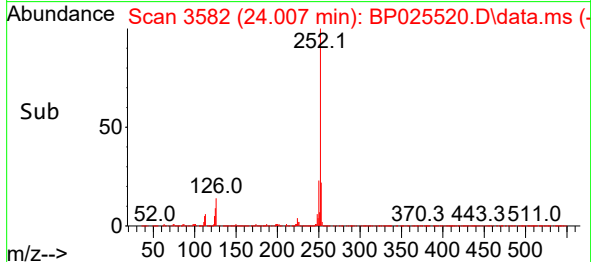
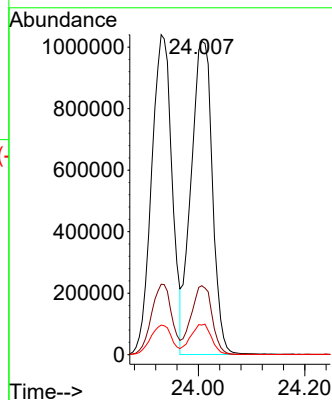
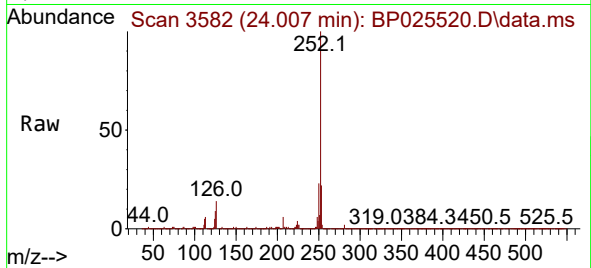
Tgt Ion:252 Resp: 2818197

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.5 7.8 11.6



#90

Benzo(a)pyrene

Concen: 45.835 ng

RT: 24.854 min Scan# 3726

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

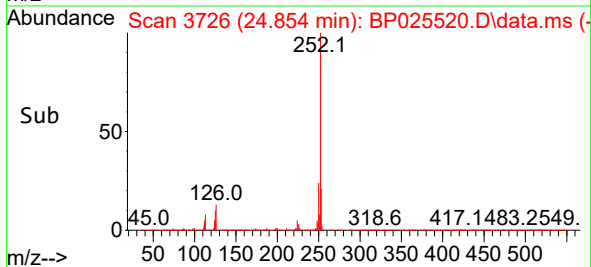
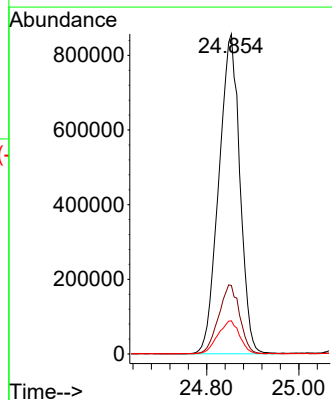
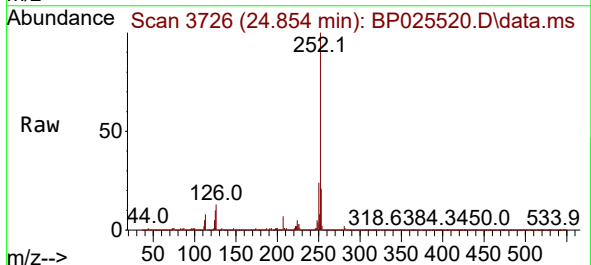
Tgt Ion:252 Resp: 2706532

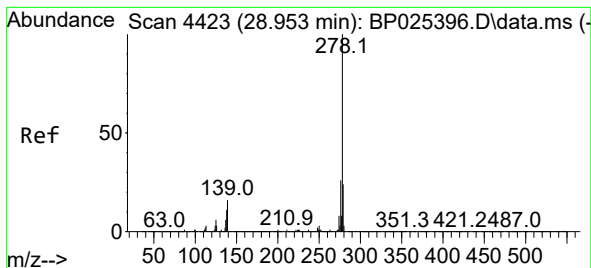
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.156 ng

RT: 28.936 min Scan# 4423

Delta R.T. -0.018 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA_P

ClientSampleId :

38M-NMS

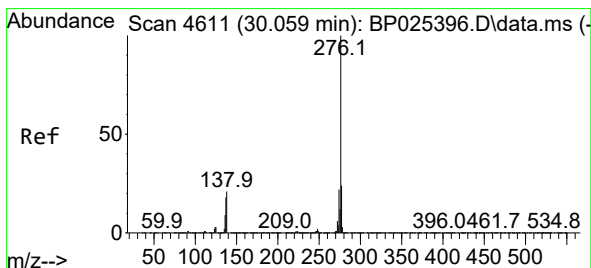
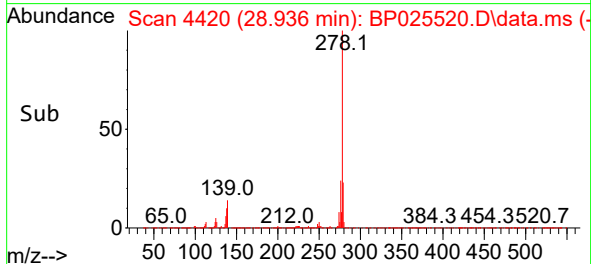
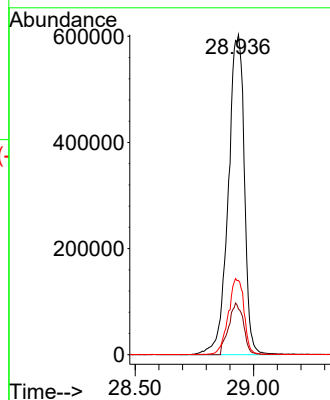
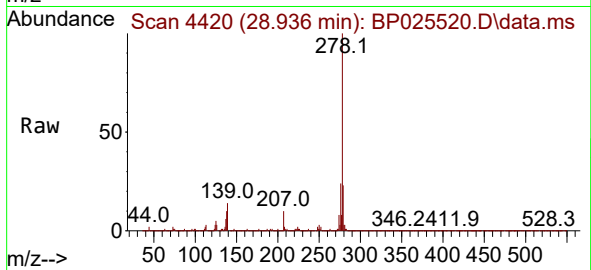
Tgt Ion:278 Resp: 2845641

Ion Ratio Lower Upper

278 100

139 14.2 13.0 19.4

279 23.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.657 ng

RT: 30.036 min Scan# 4607

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Tgt Ion:276 Resp: 2827568

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 19.9 16.7 25.1

