

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025521.D
 Acq On : 21 Aug 2025 00:35
 Operator : CG/JU
 Sample : Q2819-17MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 38M-NMSD

Quant Time: Aug 21 03:06:18 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	171527	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	663397	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	422830	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	876970	20.000	ng	0.00
76) Chrysene-d12	21.648	240	922591	20.000	ng	0.00
86) Perylene-d12	25.012	264	1004402	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1185975	114.824	ng	0.00
7) Phenol-d6	6.972	99	1479802	111.749	ng	0.00
23) Nitrobenzene-d5	8.931	82	971459	74.076	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	661648	116.255	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2019365	65.271	ng	0.00
79) Terphenyl-d14	19.918	244	3302241	65.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	165537	40.917	ng	98
3) Pyridine	3.725	79	452402	40.855	ng	94
4) n-Nitrosodimethylamine	3.631	42	228829	50.124	ng	93
6) Aniline	7.119	93	627117	35.149	ng	97
8) 2-Chlorophenol	7.360	128	549667	47.160	ng	97
9) Benzaldehyde	6.937	77	262818	28.328	ng	98
10) Phenol	6.995	94	662998	47.714	ng	96
11) bis(2-Chloroethyl)ether	7.213	93	492646	45.488	ng	98
12) 1,3-Dichlorobenzene	7.678	146	589038	45.833	ng	98
13) 1,4-Dichlorobenzene	7.819	146	601939	45.823	ng	99
14) 1,2-Dichlorobenzene	8.137	146	574205	45.156	ng	99
15) Benzyl Alcohol	8.019	79	482640	45.871	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.307	45	667168	45.986	ng	98
17) 2-Methylphenol	8.231	107	449551	46.583	ng	98
18) Hexachloroethane	8.854	117	228597	47.330	ng	98
19) n-Nitroso-di-n-propyla...	8.584	70	371432	42.346	ng	94
20) 3+4-Methylphenols	8.548	107	606668	45.351	ng	97
22) Acetophenone	8.601	105	788958	47.423	ng	# 98
24) Nitrobenzene	8.972	77	574414	49.009	ng	98
25) Isophorone	9.495	82	1051182	45.292	ng	99
26) 2-Nitrophenol	9.678	139	293717	48.831	ng	99
27) 2,4-Dimethylphenol	9.737	122	479485	46.353	ng	96
28) bis(2-Chloroethoxy)met...	9.966	93	646011	46.047	ng	98
29) 2,4-Dichlorophenol	10.207	162	504018	49.050	ng	97
30) 1,2,4-Trichlorobenzene	10.425	180	519037	46.078	ng	99
31) Naphthalene	10.607	128	1609899	46.690	ng	99
32) Benzoic acid	9.889	122	404729	52.997	ng	96
33) 4-Chloroaniline	10.707	127	382975	25.145	ng	99
34) Hexachlorobutadiene	10.889	225	333721	47.571	ng	97
35) Caprolactam	11.495	113	183400	48.674	ng	95
36) 4-Chloro-3-methylphenol	11.836	107	567653	48.142	ng	98
37) 2-Methylnaphthalene	12.213	142	1019268	45.424	ng	99
38) 1-Methylnaphthalene	12.431	142	1055711	44.241	ng	100
40) 1,2,4,5-Tetrachloroben...	12.589	216	575385	47.117	ng	99
41) Hexachlorocyclopentadiene	12.572	237	715312	96.973	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	409731	49.699	ng	99

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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	449793	49.780	ng	99
46) 1,1'-Biphenyl	13.225	154	1425183	46.410	ng	99
47) 2-Chloronaphthalene	13.266	162	1113435	46.575	ng	99
48) 2-Nitroaniline	13.477	65	362504	52.041	ng	100
49) Acenaphthylene	14.125	152	1887410	47.713	ng	99
50) Dimethylphthalate	13.860	163	1445275	46.677	ng	99
51) 2,6-Dinitrotoluene	13.966	165	326188	49.982	ng	93
52) Acenaphthene	14.472	154	1078099	46.430	ng	99
53) 3-Nitroaniline	14.301	138	248220	33.806	ng	95
54) 2,4-Dinitrophenol	14.513	184	406122	116.529	ng	98
55) Dibenzofuran	14.813	168	1718002	46.799	ng	99
56) 4-Nitrophenol	14.624	139	631088	104.595	ng	91
57) 2,4-Dinitrotoluene	14.760	165	490004	52.625	ng	96
58) Fluorene	15.472	166	1344141	46.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	402588	50.461	ng	98
60) Diethylphthalate	15.242	149	1569300	49.879	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	671793	46.631	ng	96
62) 4-Nitroaniline	15.483	138	377285	50.122	ng	94
63) Azobenzene	15.754	77	1530314	56.805	ng	97
65) 4,6-Dinitro-2-methylph...	15.548	198	283428	51.847	ng	95
66) n-Nitrosodiphenylamine	15.672	169	1251523	46.799	ng	99
67) 4-Bromophenyl-phenylether	16.371	248	448328	46.483	ng	95
68) Hexachlorobenzene	16.489	284	514752	46.040	ng	99
69) Atrazine	16.654	200	493890	49.315	ng	98
70) Pentachlorophenol	16.848	266	733067	103.867	ng	98
71) Phenanthrene	17.242	178	2258400	46.879	ng	100
72) Anthracene	17.330	178	2330282	47.367	ng	99
73) Carbazole	17.613	167	2245579	48.460	ng	99
74) Di-n-butylphthalate	18.213	149	2881804	50.547	ng	100
75) Fluoranthene	19.330	202	2750858	47.871	ng	99
77) Benzidine	19.512	184	1382116	43.896	ng	99
78) Pyrene	19.707	202	2893940	48.260	ng	100
80) Butylbenzylphthalate	20.648	149	1409430	51.861	ng	99
81) Benzo(a)anthracene	21.624	228	2922112	48.025	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	691173	30.138	ng	99
83) Chrysene	21.689	228	2731566	47.938	ng	98
84) Bis(2-ethylhexyl)phtha...	21.565	149	2049629	51.233	ng	100
85) Di-n-octyl phthalate	22.859	149	3451915	50.164	ng	99
87) Indeno(1,2,3-cd)pyrene	28.847	276	3450790	46.848	ng	93
88) Benzo(b)fluoranthene	23.959	252	2985647	50.411	ng	99
89) Benzo(k)fluoranthene	24.030	252	2788266	47.046	ng	99
90) Benzo(a)pyrene	24.865	252	2759047	47.856	ng	100
91) Dibenzo(a,h)anthracene	28.918	278	2847919	47.312	ng	98
92) Benzo(g,h,i)perylene	30.041	276	1636612	27.659	ng	99

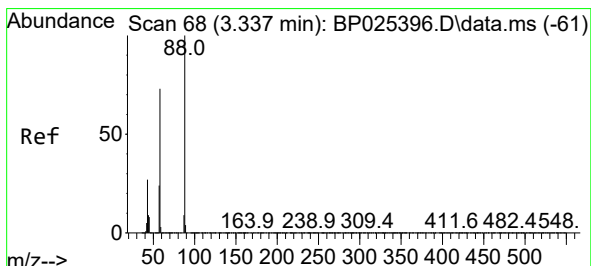
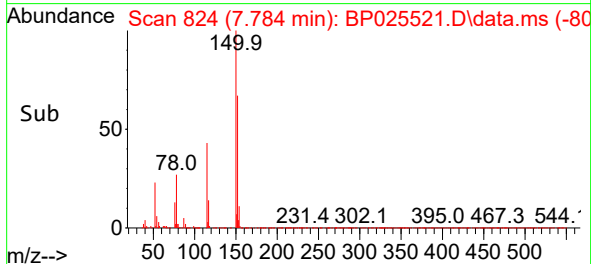
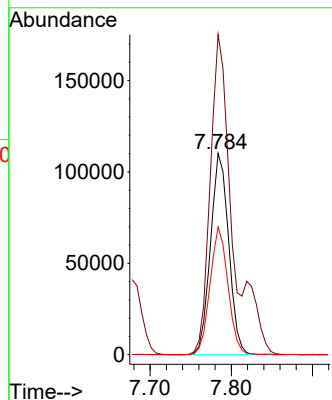
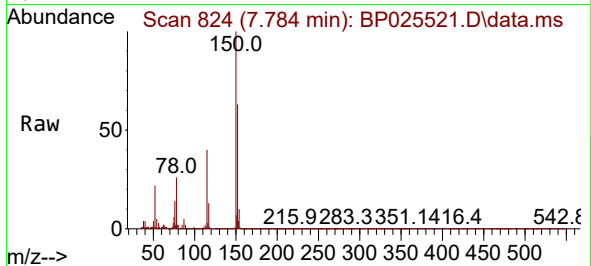
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

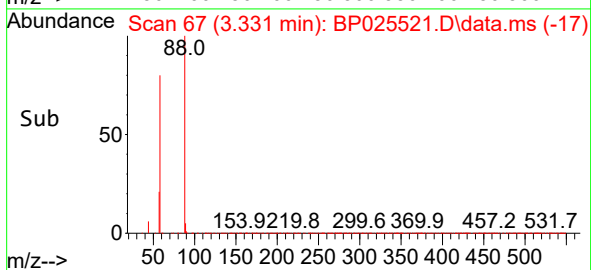
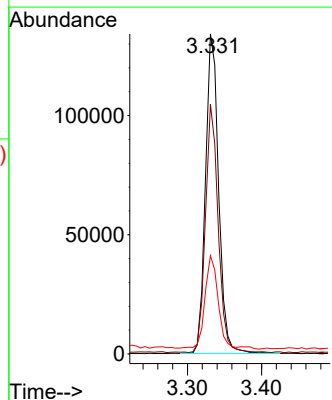
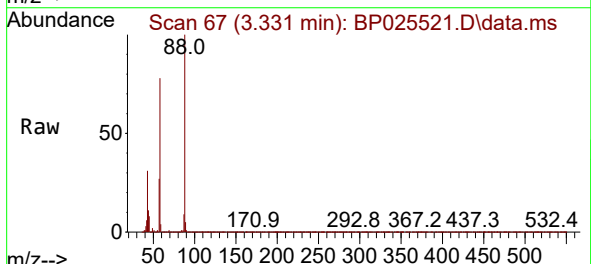
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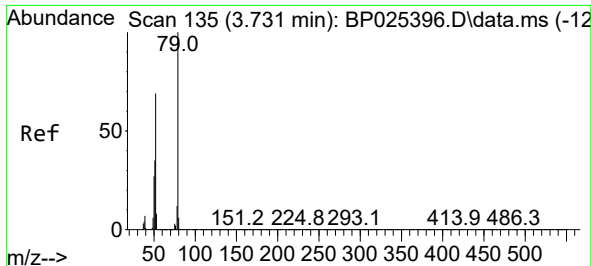
Tgt Ion:152 Resp: 171527
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.9 188.9
 115 63.5 48.5 72.7



#2
 1,4-Dioxane
 Concen: 40.917 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

Tgt Ion: 88 Resp: 165537
 Ion Ratio Lower Upper
 88 100
 58 75.6 59.2 88.8
 43 28.2 21.7 32.5

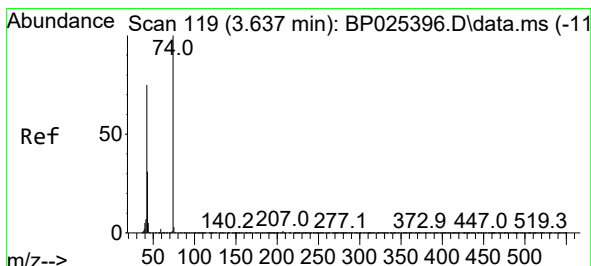
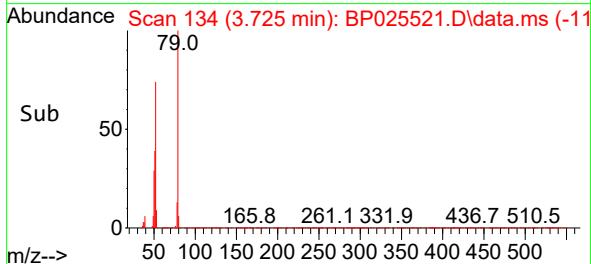
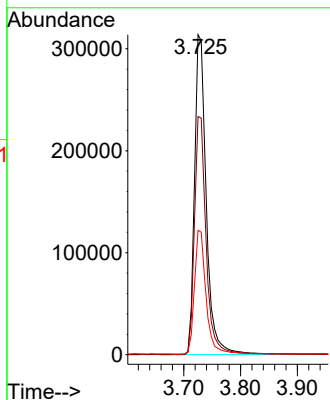
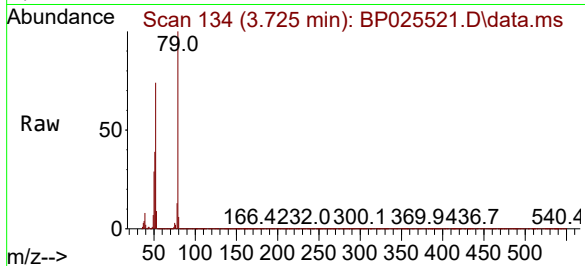




#3
Pyridine
Concen: 40.855 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

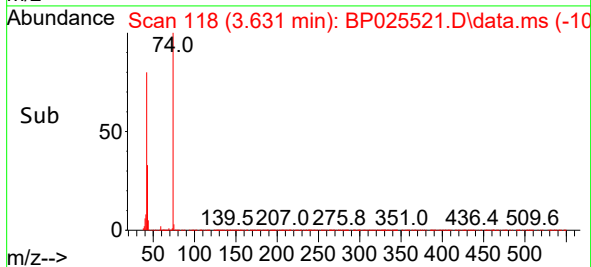
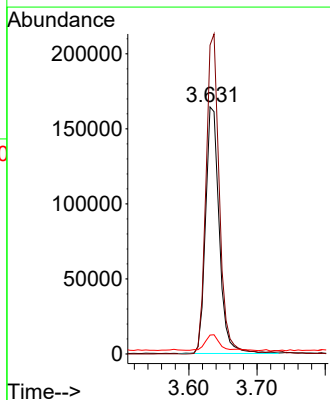
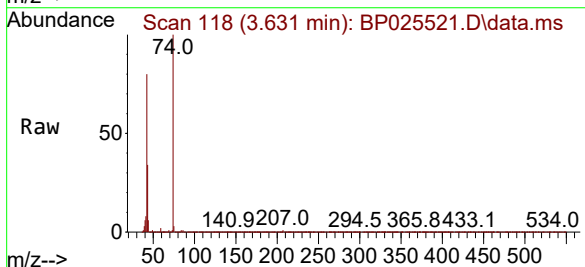
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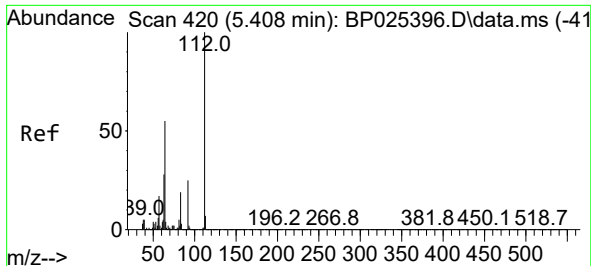
Tgt Ion: 79 Resp: 452402
Ion Ratio Lower Upper
79 100
52 74.4 55.5 83.3
51 38.9 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 50.124 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion: 42 Resp: 228829
Ion Ratio Lower Upper
42 100
74 125.0 107.0 160.4
44 7.6 6.2 9.4

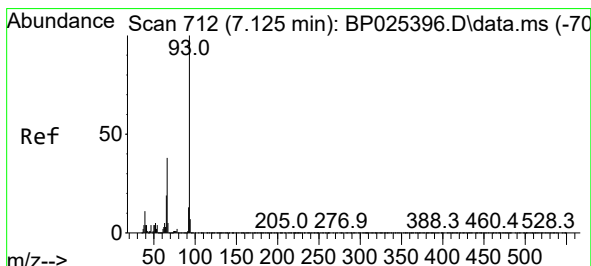
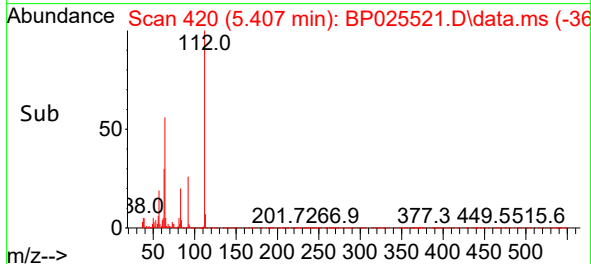
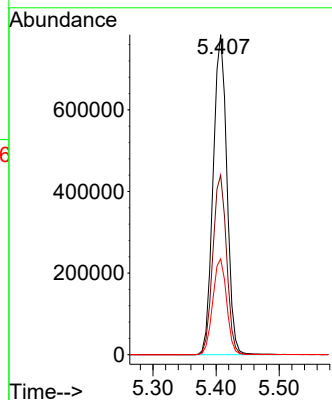
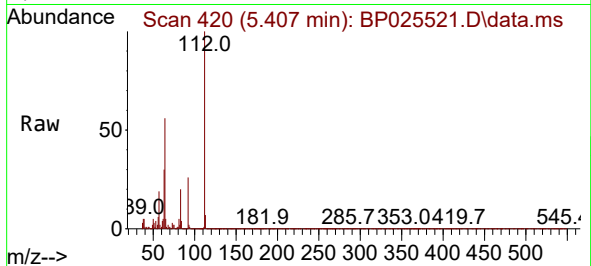




#5
2-Fluorophenol
Concen: 114.824 ng
RT: 5.407 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

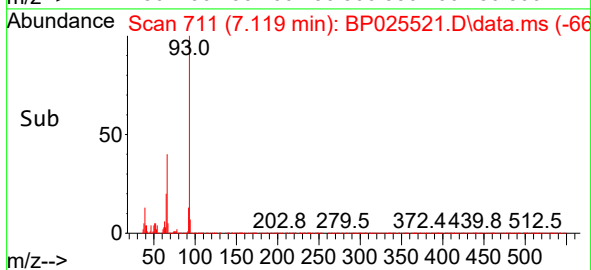
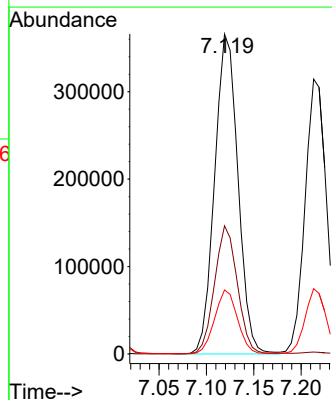
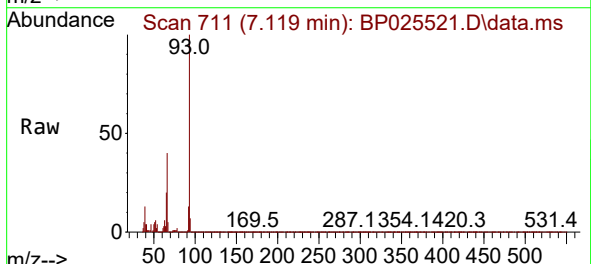
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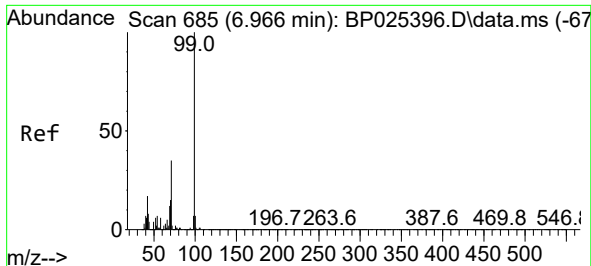
Tgt Ion:112 Resp: 1185975
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.9 22.7 34.1



#6
Aniline
Concen: 35.149 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion: 93 Resp: 627117
Ion Ratio Lower Upper
93 100
66 40.1 30.4 45.6
65 20.0 15.3 22.9

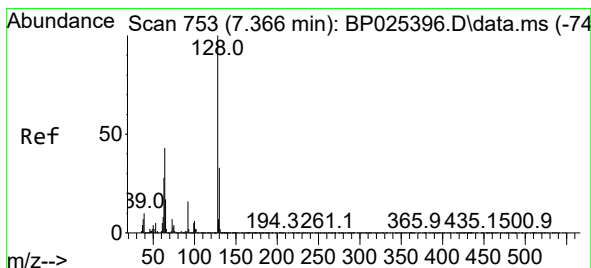
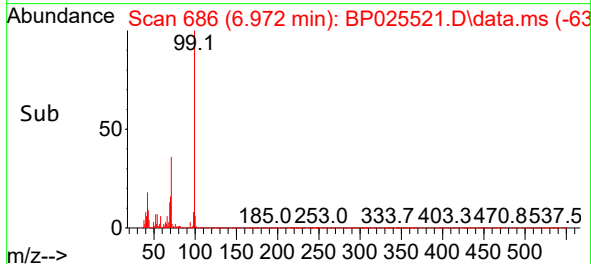
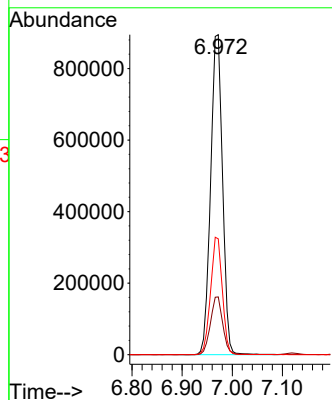
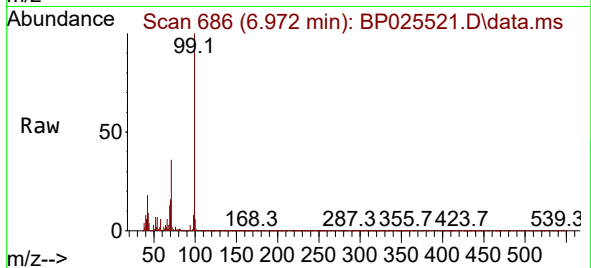




#7
Phenol-d6
Concen: 111.749 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

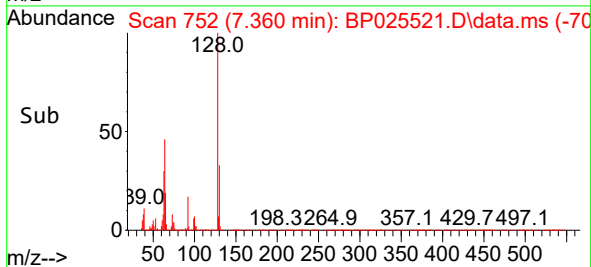
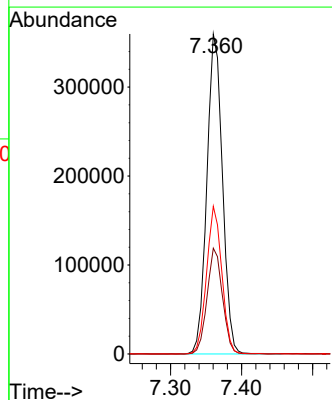
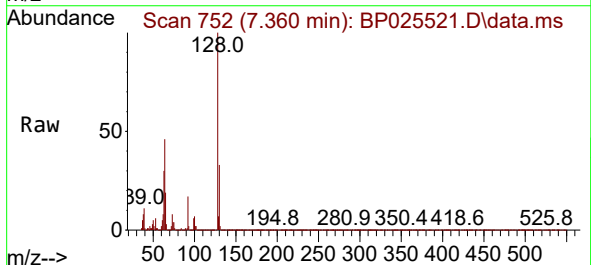
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ClientSampleId :
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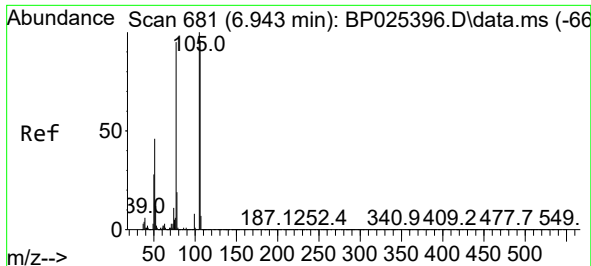
Tgt Ion: 99 Resp: 1479802
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 36.2 28.2 42.4



#8
2-Chlorophenol
Concen: 47.160 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:128 Resp: 549667
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 46.1 23.4 63.4

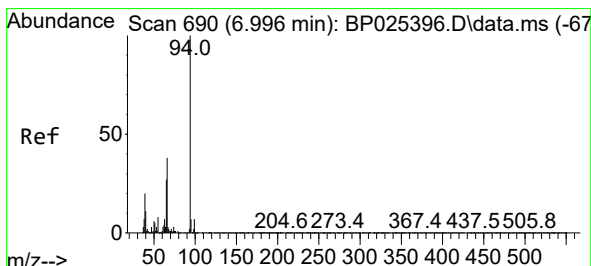
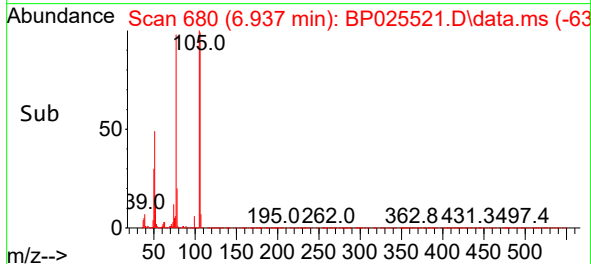
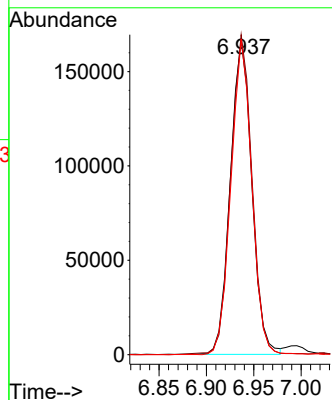
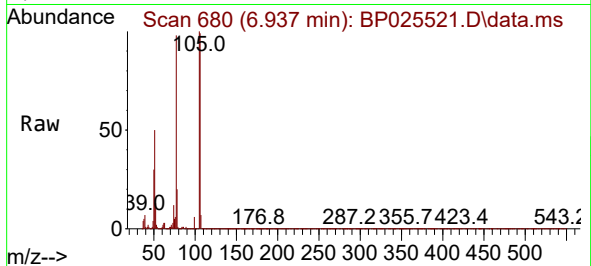




#9
Benzaldehyde
Concen: 28.328 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

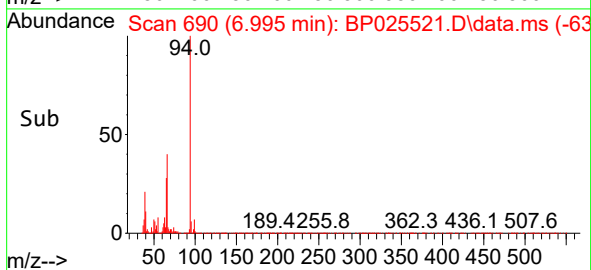
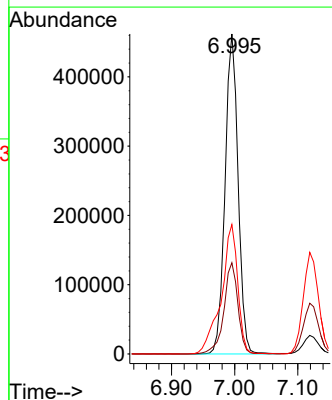
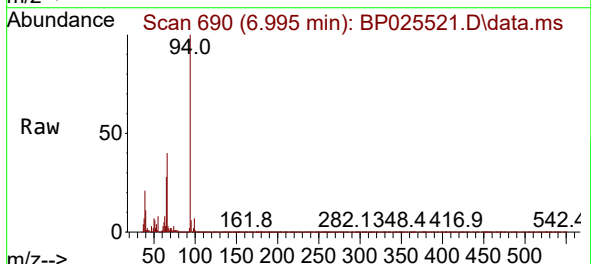
Instrument :
BNA_P
ClientSampleId :
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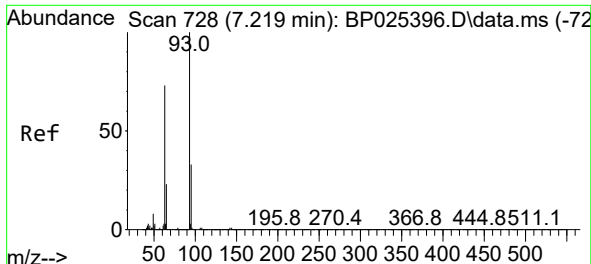
Tgt Ion: 77 Resp: 262818
Ion Ratio Lower Upper
77 100
105 101.8 84.8 124.8
106 100.4 80.5 120.5



#10
Phenol
Concen: 47.714 ng
RT: 6.995 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion: 94 Resp: 662998
Ion Ratio Lower Upper
94 100
65 28.5 6.8 46.8
66 40.4 18.2 58.2

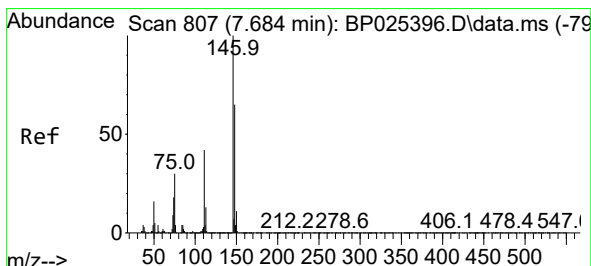
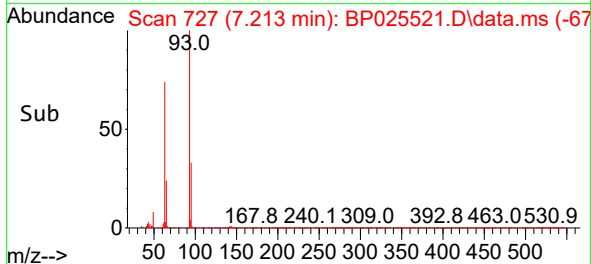
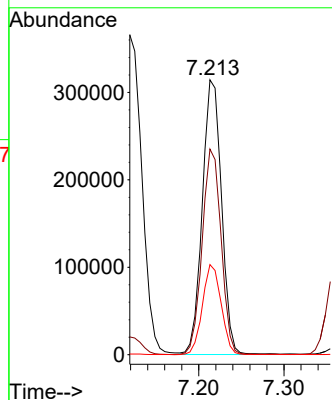
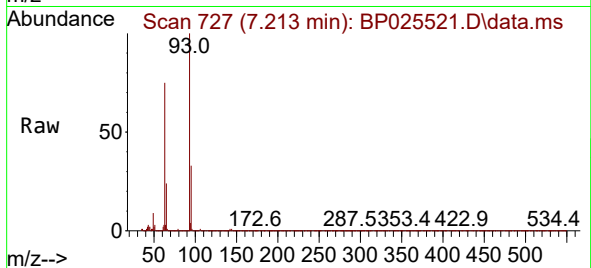




#11
 bis(2-Chloroethyl)ether
 Concen: 45.488 ng
 RT: 7.213 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

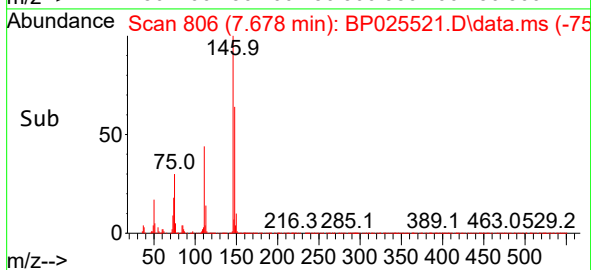
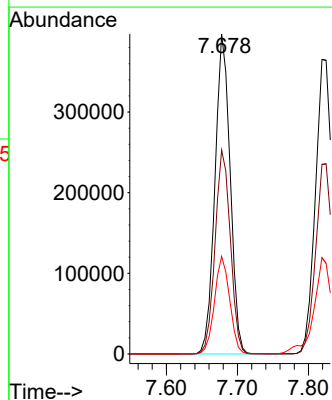
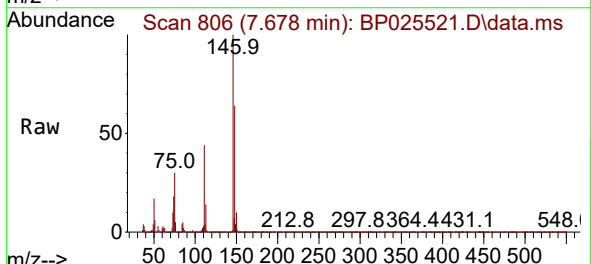
Instrument :
 BNA_P
 ClientSampleId :
 38M-NMSD

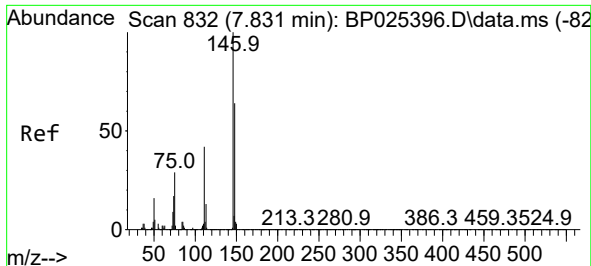
Tgt Ion: 93 Resp: 492646
 Ion Ratio Lower Upper
 93 100
 63 74.8 52.6 92.6
 95 32.8 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 45.833 ng
 RT: 7.678 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

Tgt Ion: 146 Resp: 589038
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 75 30.5 23.7 35.5

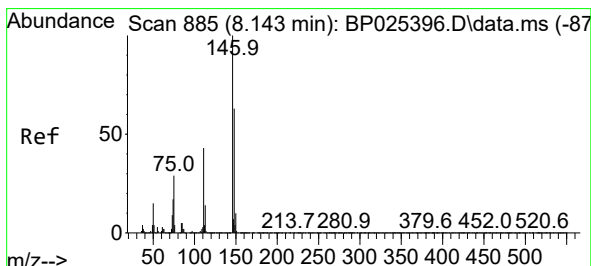
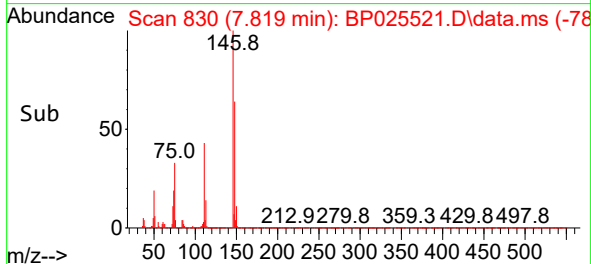
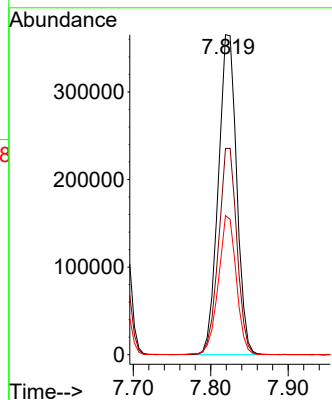
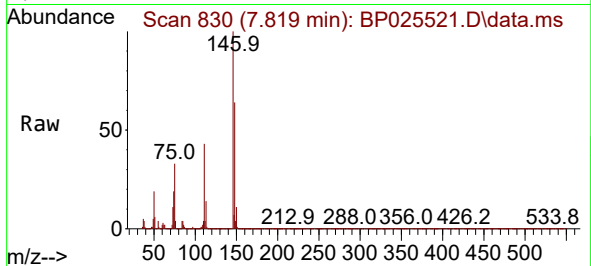




#13
1,4-Dichlorobenzene
Concen: 45.823 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

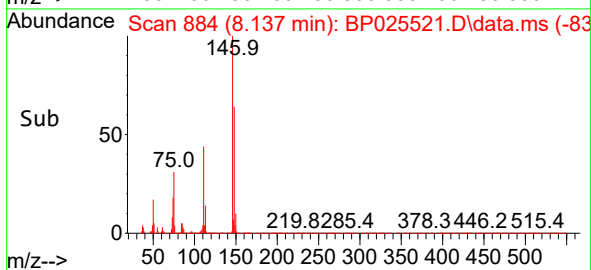
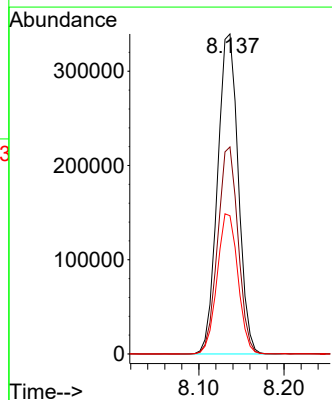
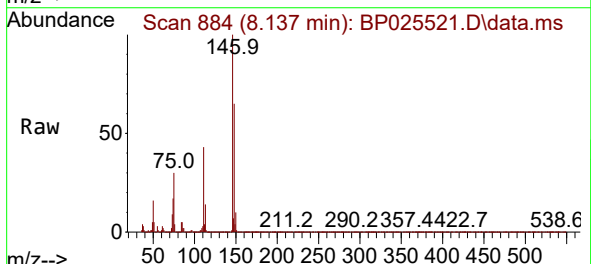
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

Tgt Ion:146 Resp: 601939
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 43.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 45.156 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:146 Resp: 574205
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
111 43.2 34.5 51.7

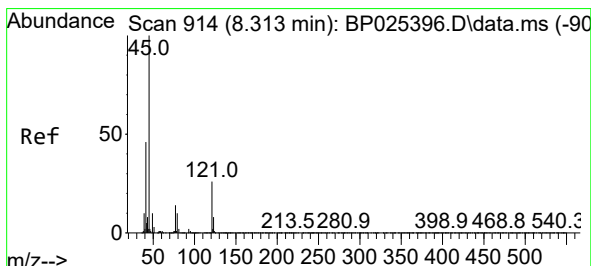
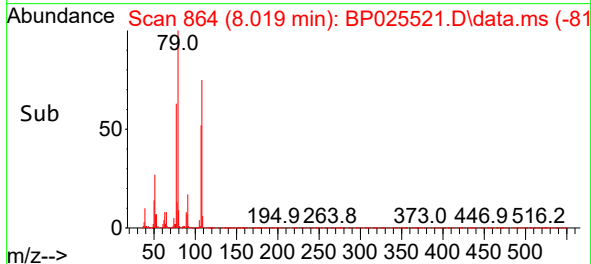
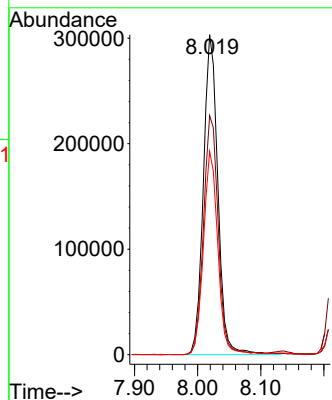
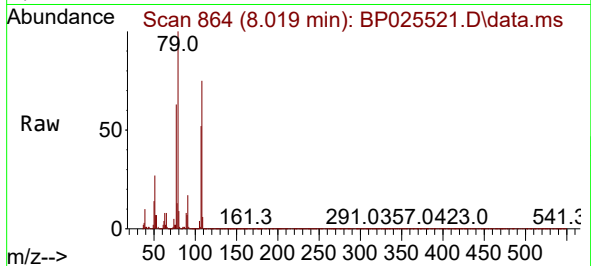




#15
Benzyl Alcohol
Concen: 45.871 ng
RT: 8.019 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

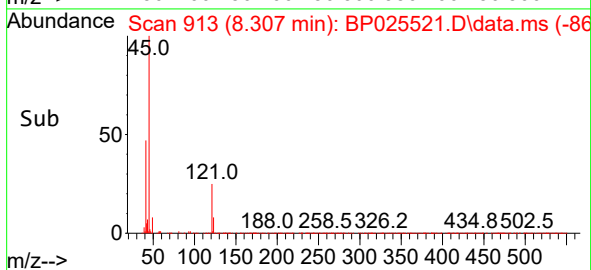
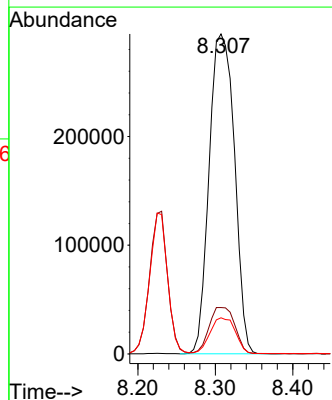
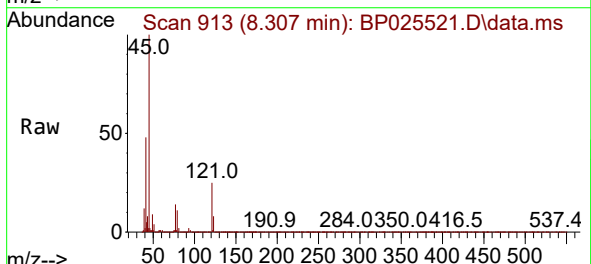
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

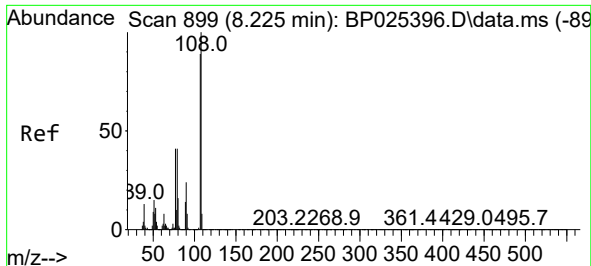
Tgt Ion: 79 Resp: 482640
Ion Ratio Lower Upper
79 100
108 74.7 63.8 95.6
77 63.5 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.986 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion: 45 Resp: 667168
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.3
79 11.3 0.0 31.8

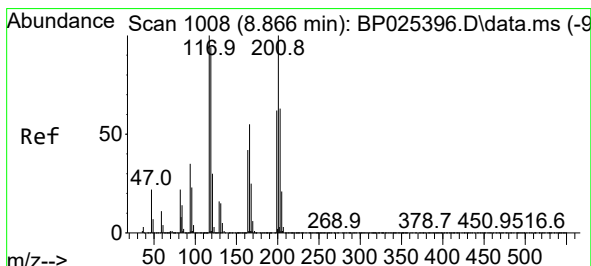
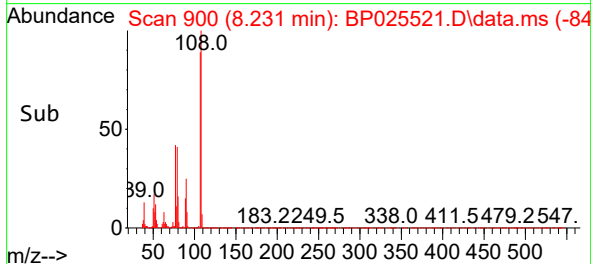
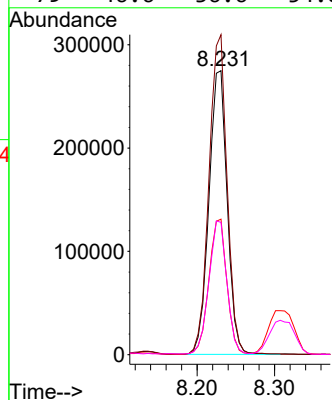
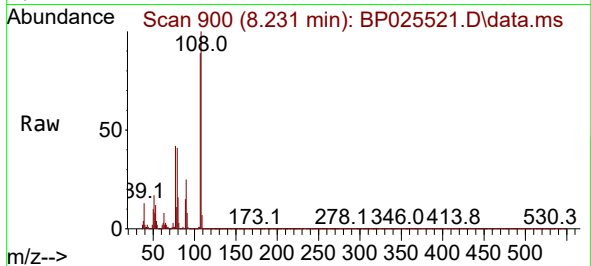




#17
2-Methylphenol
Concen: 46.583 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

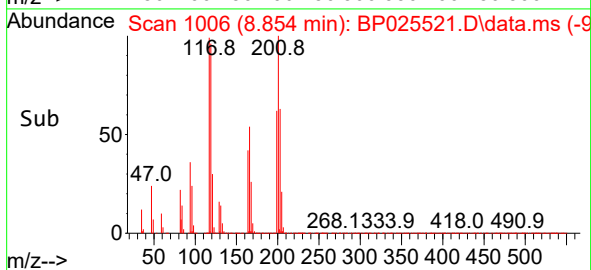
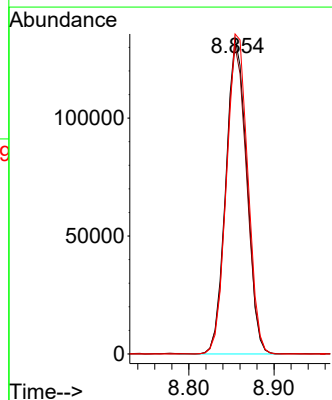
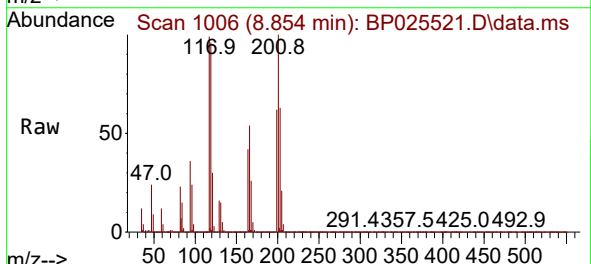
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

Tgt Ion:	107	Resp:	449551
Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.4	134.0
77	47.7	36.3	54.5
79	46.6	36.6	54.8



#18
Hexachloroethane
Concen: 47.330 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:	117	Resp:	228597
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.1	112.7
201	101.4	80.1	120.1

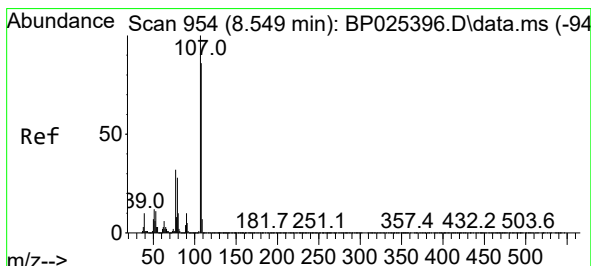
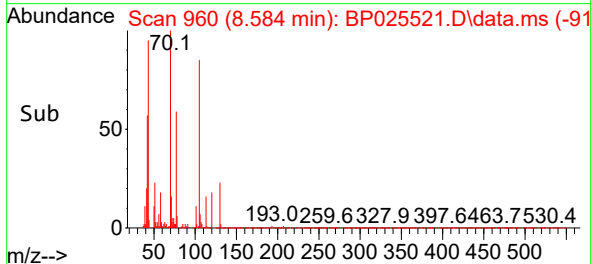
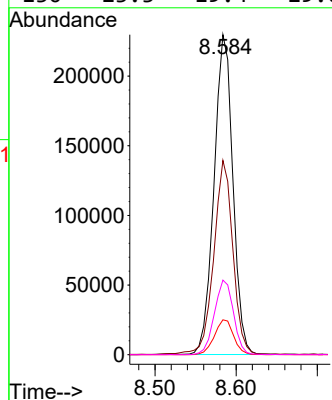
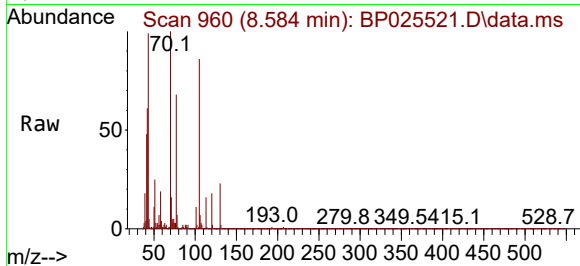




#19
n-Nitroso-di-n-propylamine
Concen: 42.346 ng
RT: 8.584 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

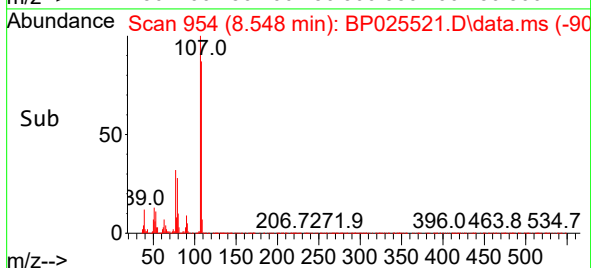
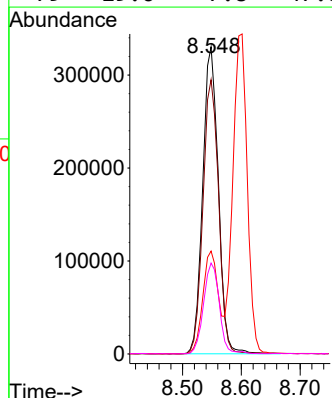
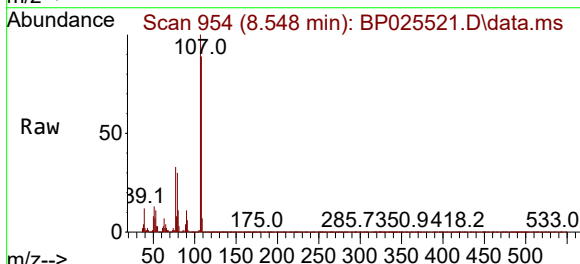
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

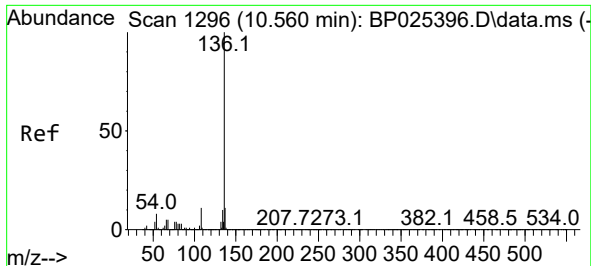
Tgt Ion: 70 Resp: 371432
Ion Ratio Lower Upper
70 100
42 60.7 43.8 65.6
101 10.9 8.5 12.7
130 23.3 19.4 29.0



#20
3+4-Methylphenols
Concen: 45.351 ng
RT: 8.548 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion: 107 Resp: 606668
Ion Ratio Lower Upper
107 100
108 89.3 66.3 106.3
77 33.5 12.3 52.3
79 29.6 7.8 47.8

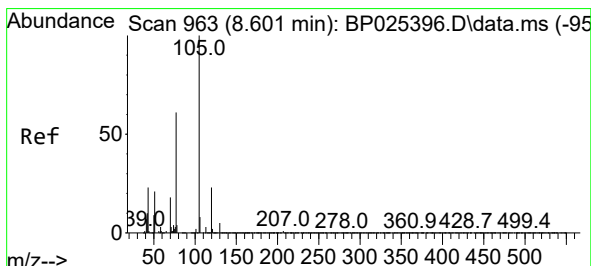
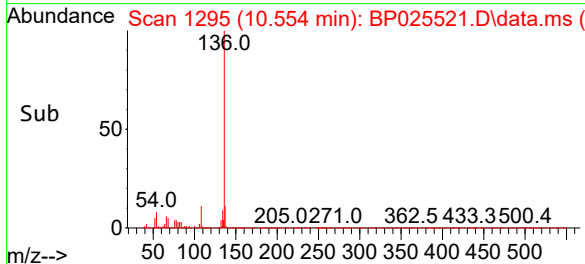
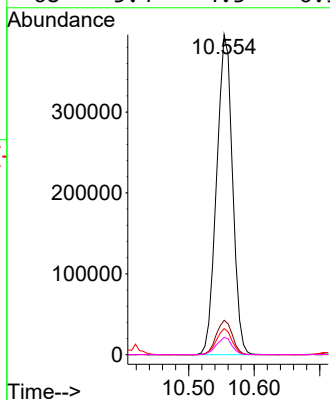
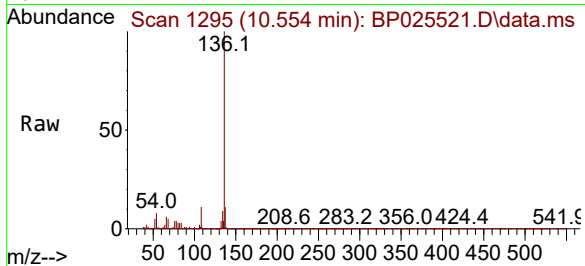




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

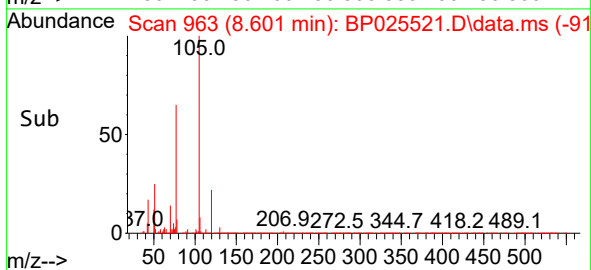
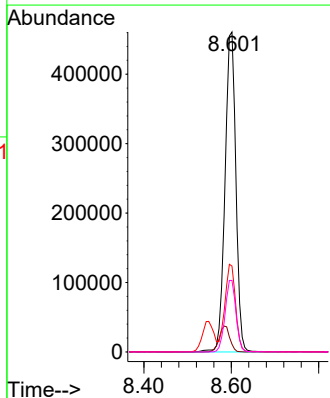
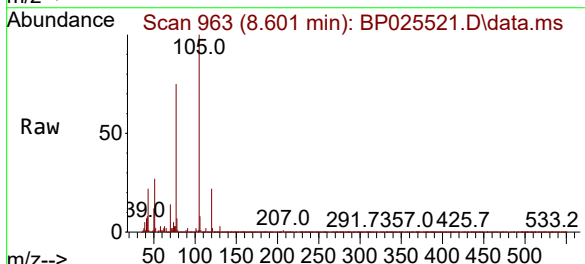
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

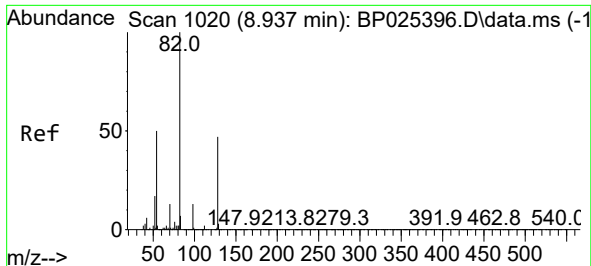
Tgt Ion:136 Resp: 663397
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.2 6.0 9.0
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 47.423 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:105 Resp: 788958
Ion Ratio Lower Upper
105 100
71 2.5 2.6 4.0#
51 26.8 20.6 30.8
120 22.4 18.6 27.8

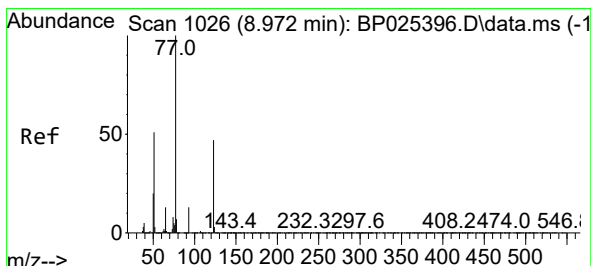
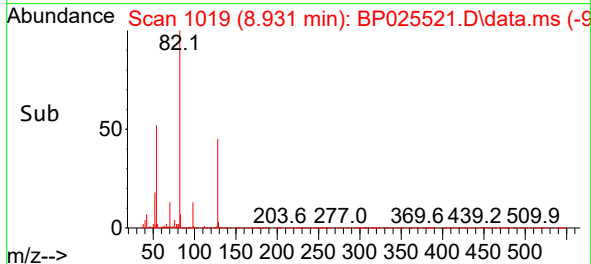
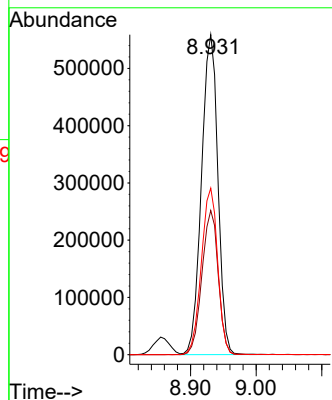
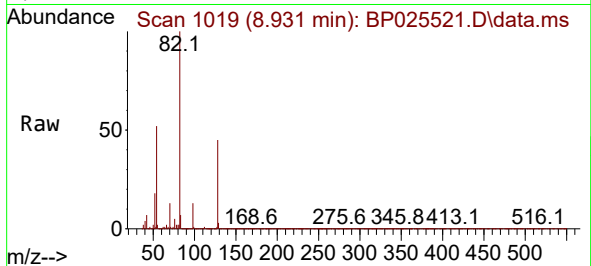




#23
Nitrobenzene-d5
Concen: 74.076 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

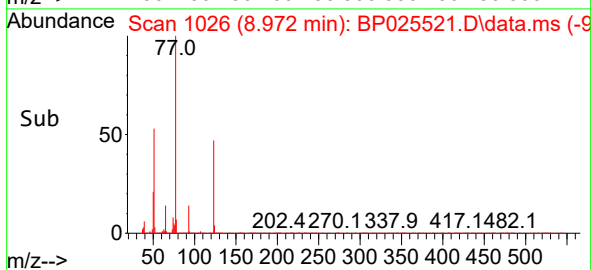
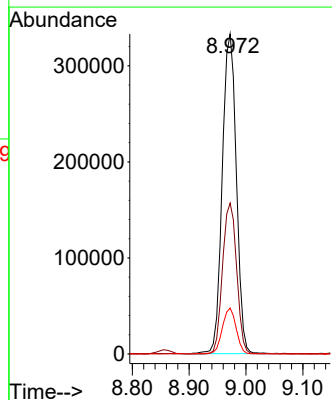
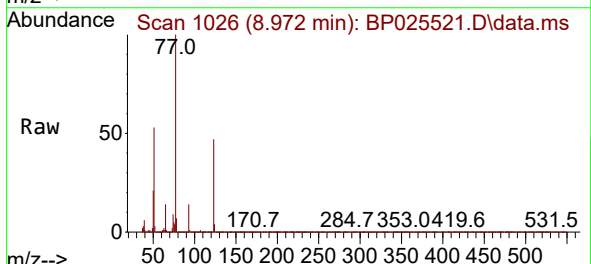
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

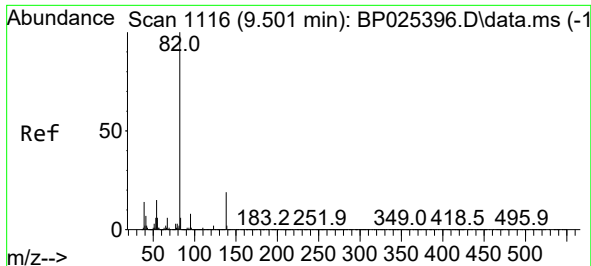
Tgt Ion: 82 Resp: 971459
Ion Ratio Lower Upper
82 100
128 45.0 37.7 56.5
54 52.0 39.8 59.6



#24
Nitrobenzene
Concen: 49.009 ng
RT: 8.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion: 77 Resp: 574414
Ion Ratio Lower Upper
77 100
123 47.2 38.6 58.0
65 14.4 10.6 15.8

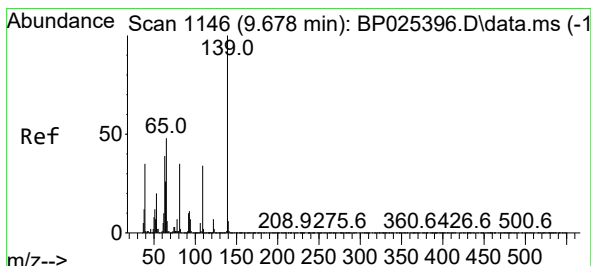
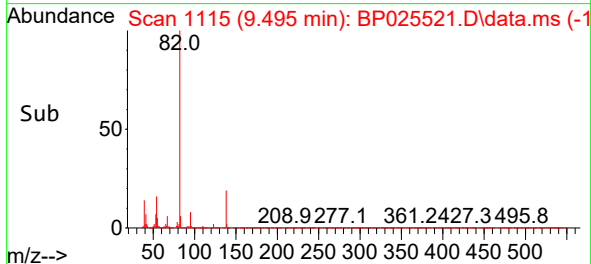
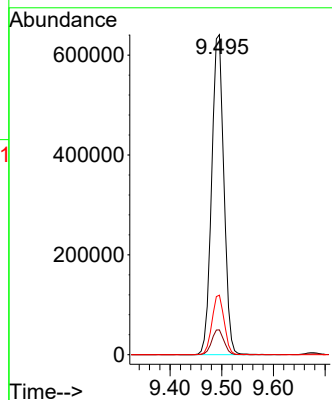
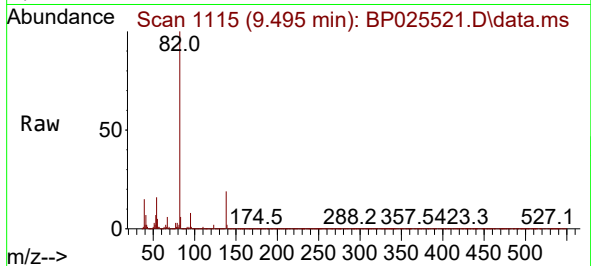




#25
Isophorone
Concen: 45.292 ng
RT: 9.495 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

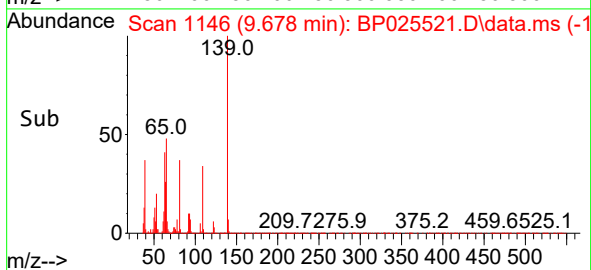
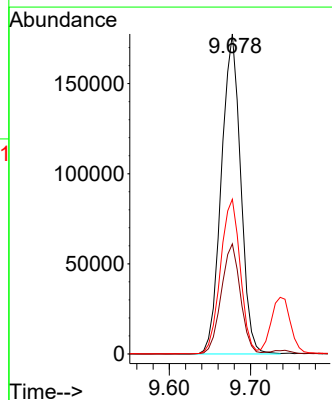
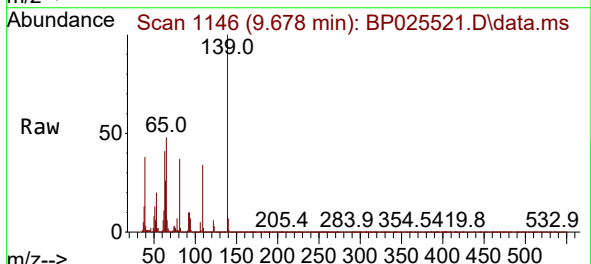
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

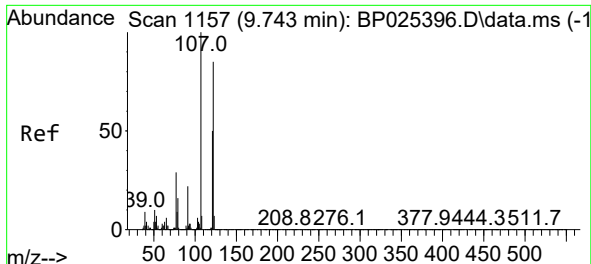
Tgt Ion: 82 Resp: 1051182
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.6 15.4 23.0



#26
2-Nitrophenol
Concen: 48.831 ng
RT: 9.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:139 Resp: 293717
Ion Ratio Lower Upper
139 100
109 34.4 26.9 40.3
65 48.3 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 46.353 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

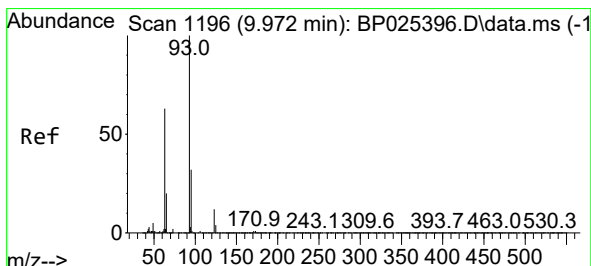
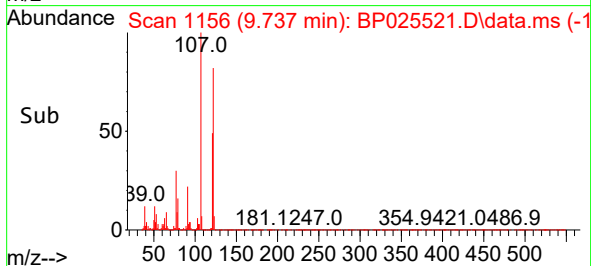
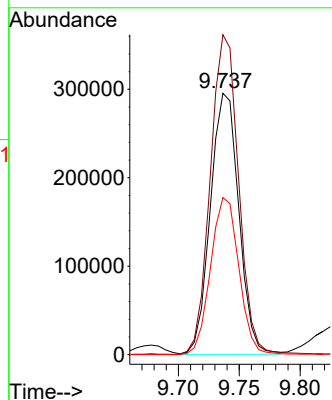
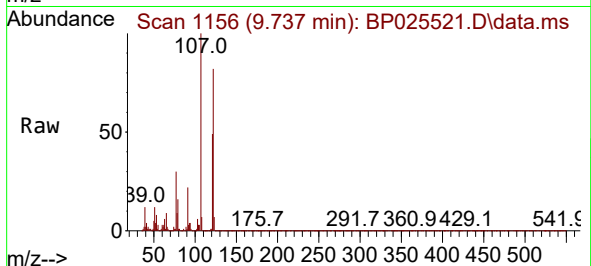
Tgt Ion:122 Resp: 479485

Ion Ratio Lower Upper

122 100

107 122.4 93.7 140.5

121 60.1 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.047 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

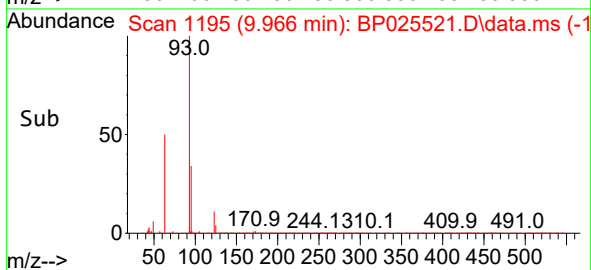
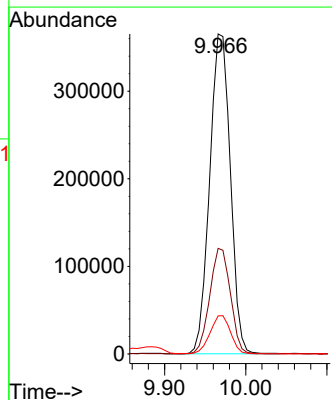
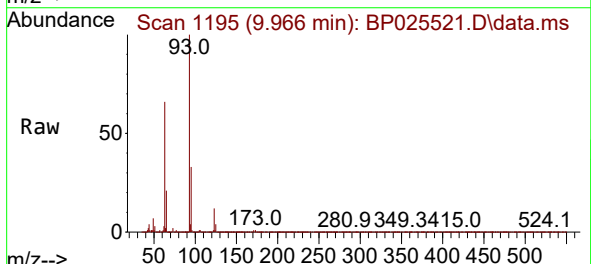
Tgt Ion: 93 Resp: 646011

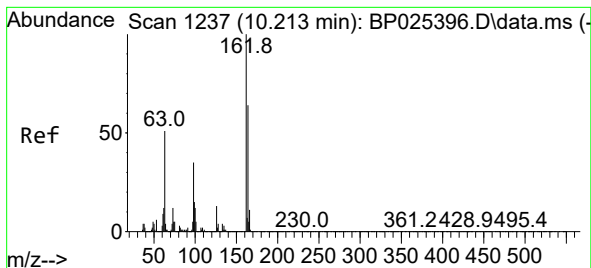
Ion Ratio Lower Upper

93 100

95 33.0 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.050 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

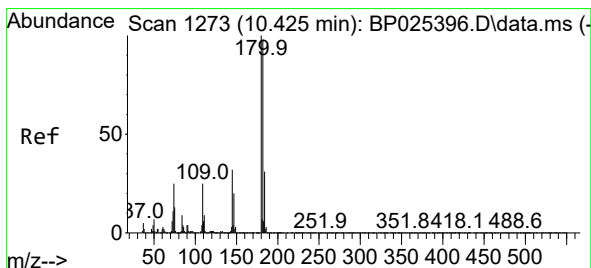
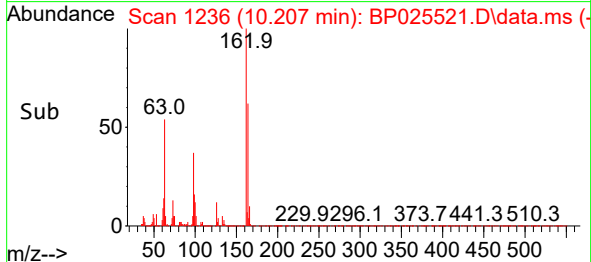
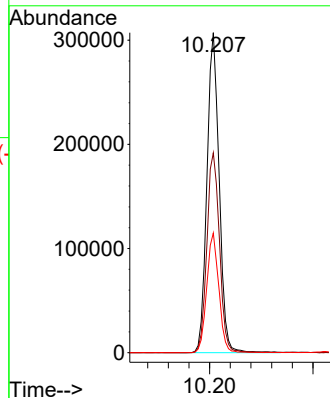
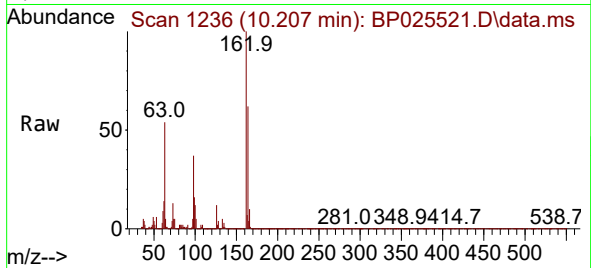
Tgt Ion:162 Resp: 504018

Ion Ratio Lower Upper

162 100

164 62.4 44.4 84.4

98 37.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 46.078 ng

RT: 10.425 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

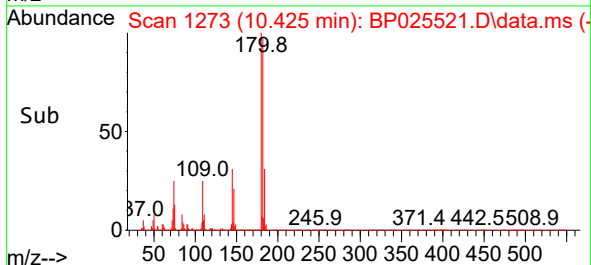
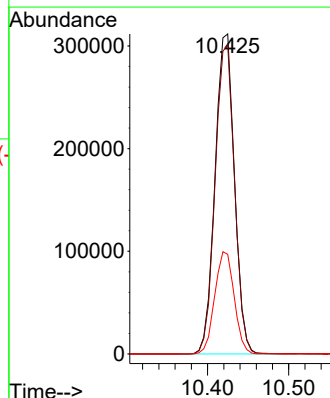
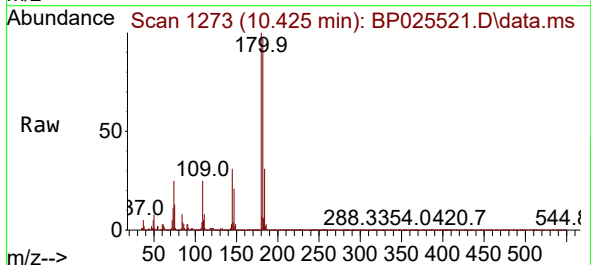
Tgt Ion:180 Resp: 519037

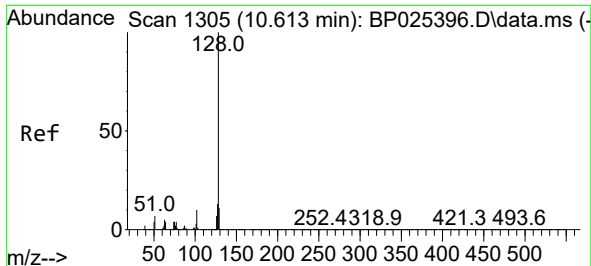
Ion Ratio Lower Upper

180 100

182 96.6 78.0 117.0

145 31.1 25.9 38.9

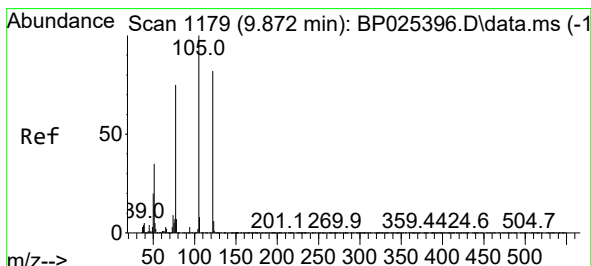
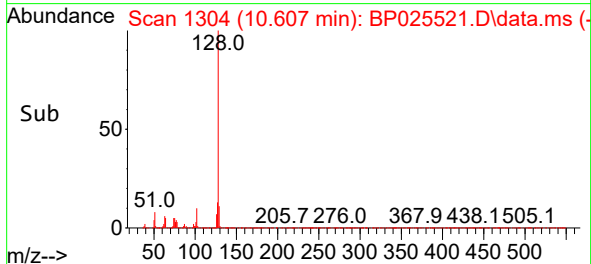
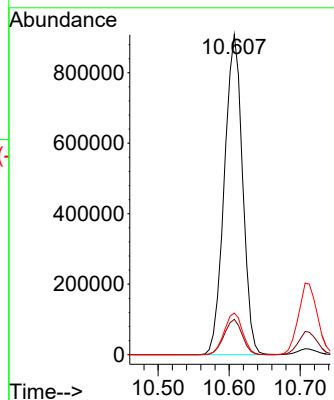
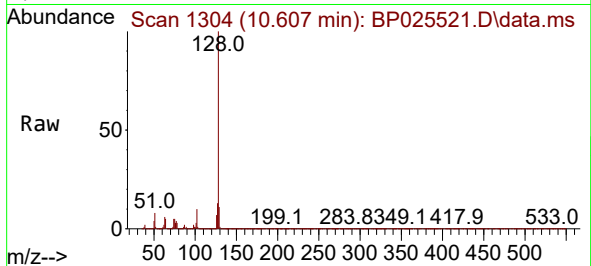




#31
Naphthalene
Concen: 46.690 ng
RT: 10.607 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

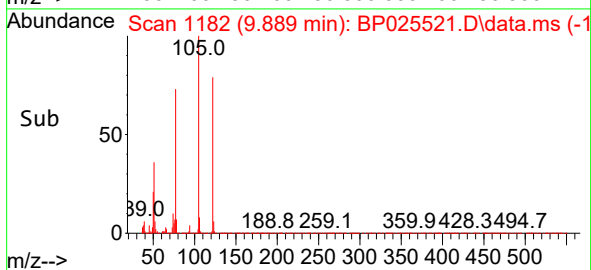
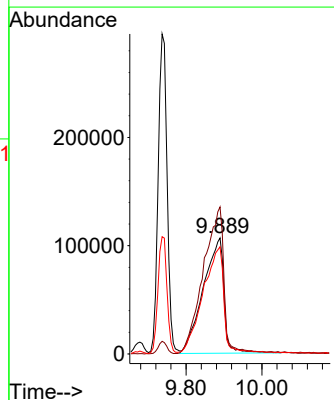
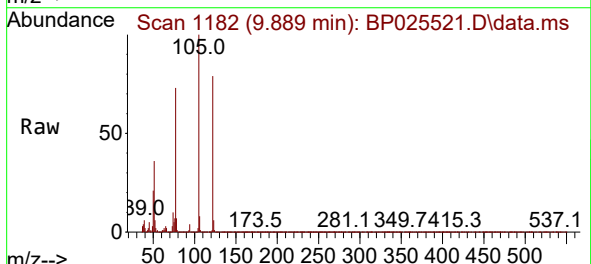
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

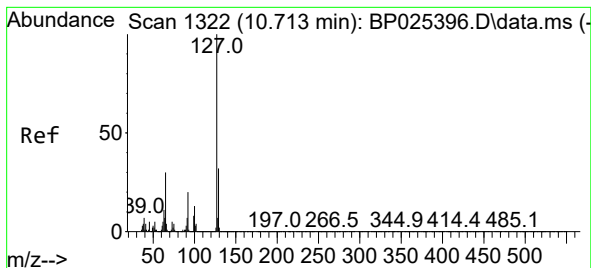
Tgt Ion:128 Resp: 1609899
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 52.997 ng
RT: 9.889 min Scan# 1182
Delta R.T. 0.017 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:122 Resp: 404729
Ion Ratio Lower Upper
122 100
105 126.8 100.6 140.6
77 92.4 71.5 111.5





#33

4-Chloroaniline

Concen: 25.145 ng

RT: 10.707 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

Tgt Ion:127 Resp: 382975

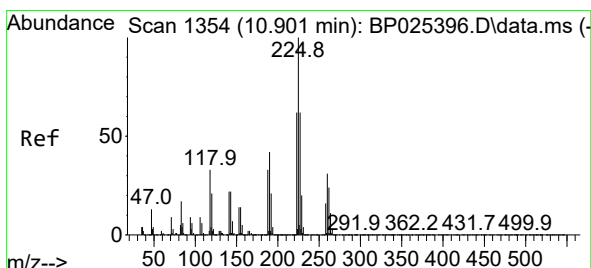
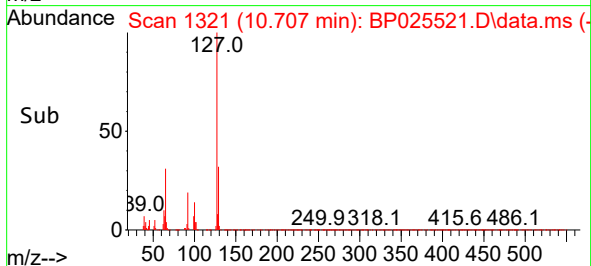
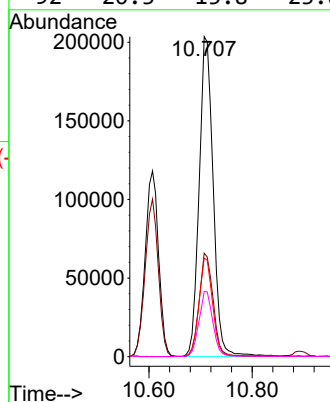
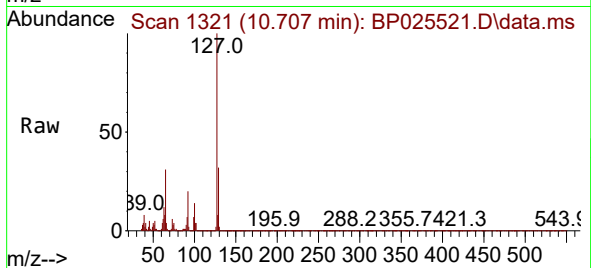
Ion Ratio Lower Upper

127 100

129 32.3 25.4 38.2

65 30.7 23.8 35.6

92 20.3 15.8 23.8



#34

Hexachlorobutadiene

Concen: 47.571 ng

RT: 10.889 min Scan# 1352

Delta R.T. -0.012 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

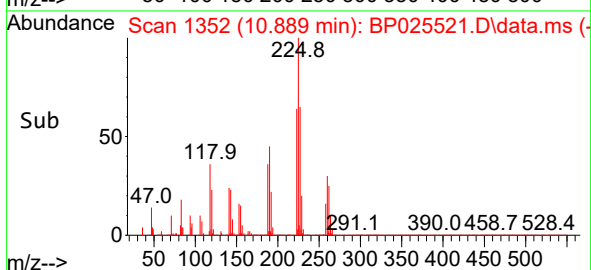
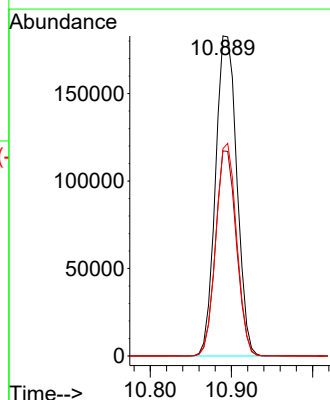
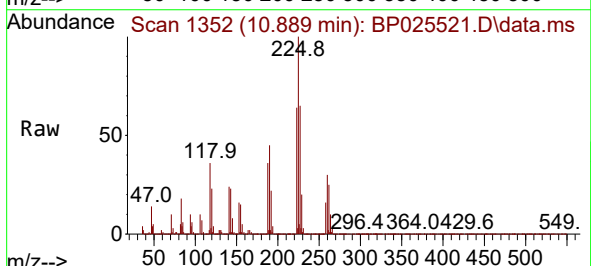
Tgt Ion:225 Resp: 333721

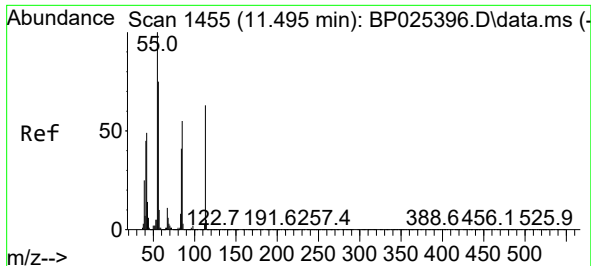
Ion Ratio Lower Upper

225 100

223 64.1 50.0 75.0

227 64.7 49.7 74.5

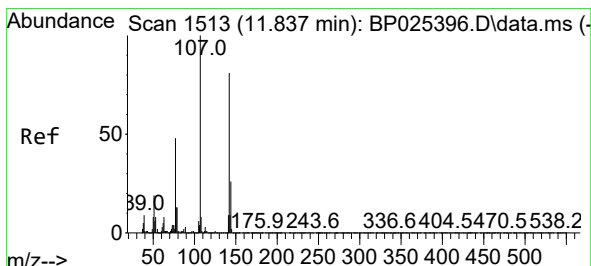
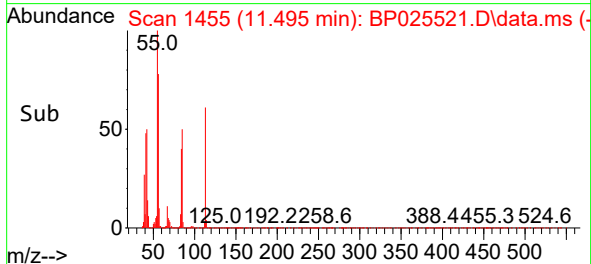
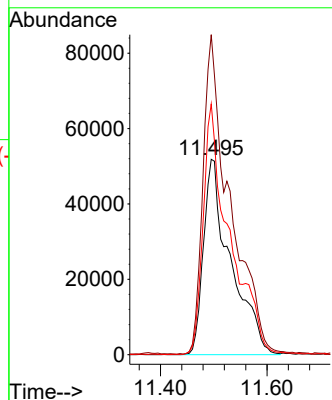
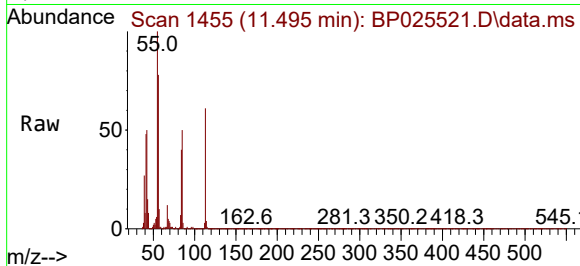




#35
 Caprolactam
 Concen: 48.674 ng
 RT: 11.495 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

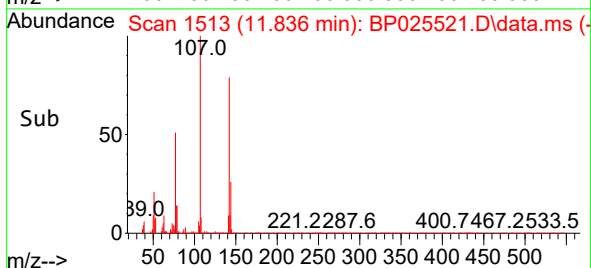
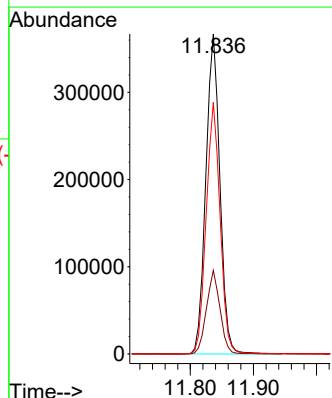
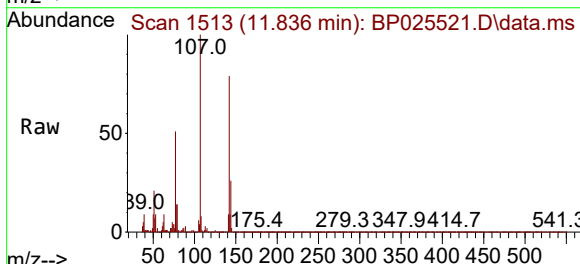
Instrument :
 BNA_P
 ClientSampleId :
 38M-NMSD

Tgt Ion:113 Resp: 183400
 Ion Ratio Lower Upper
 113 100
 55 163.9 140.0 180.0
 56 128.4 100.0 140.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.142 ng
 RT: 11.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

Tgt Ion:107 Resp: 567653
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.4
 142 78.6 64.6 97.0

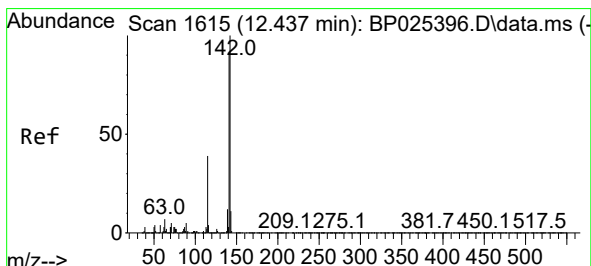
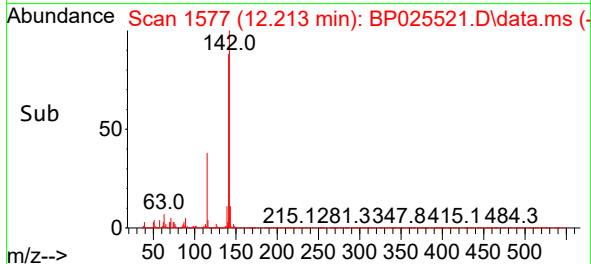
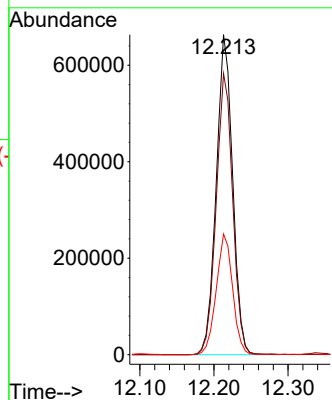
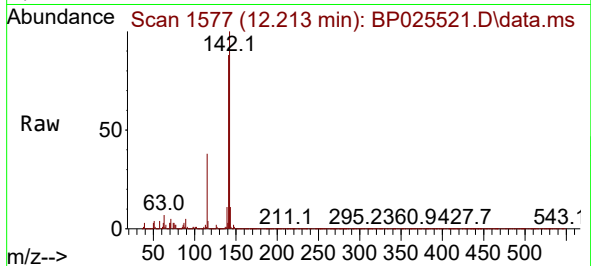




#37
2-Methylnaphthalene
Concen: 45.424 ng
RT: 12.213 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

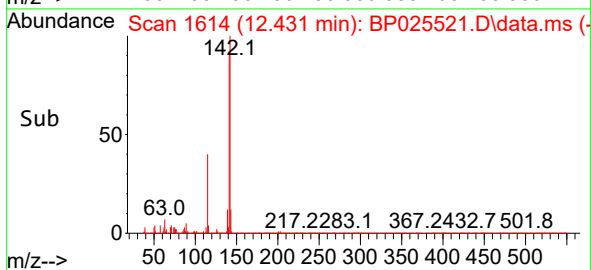
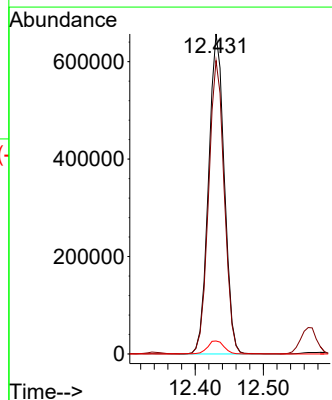
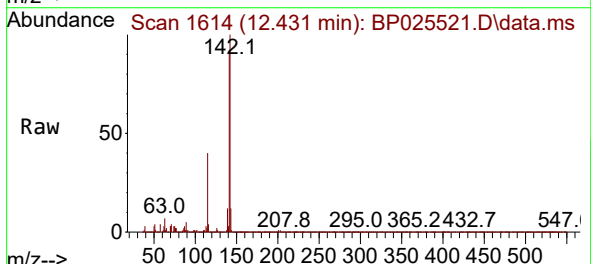
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

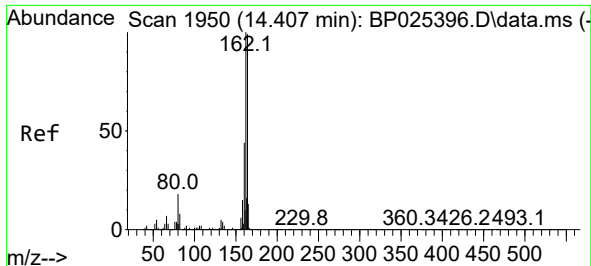
Tgt Ion:142 Resp: 1019268
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 37.7 28.9 43.3



#38
1-Methylnaphthalene
Concen: 44.241 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:142 Resp: 1055711
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.0 3.2 4.8

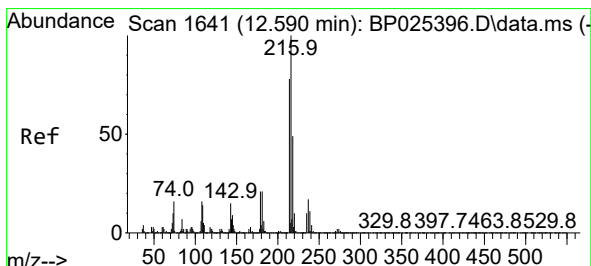
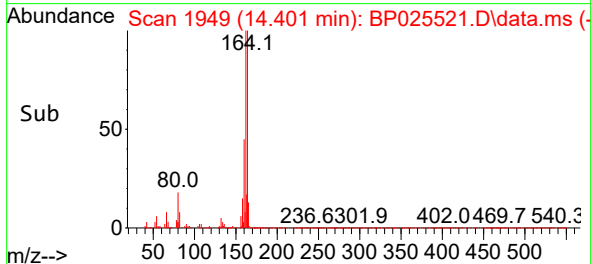
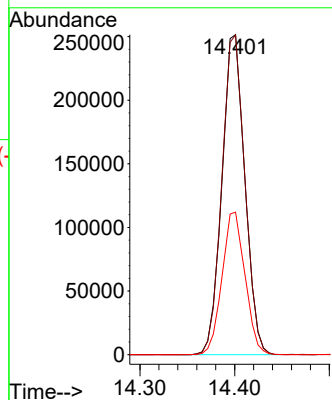
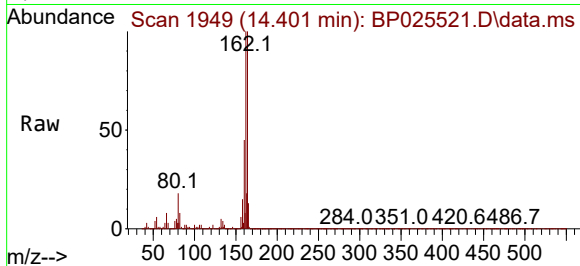




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

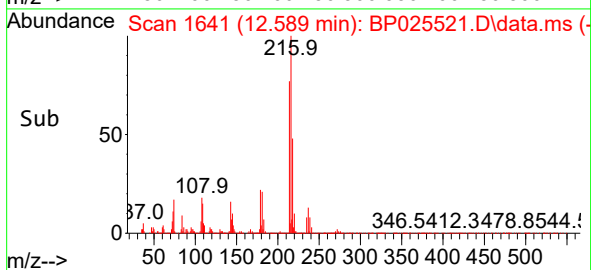
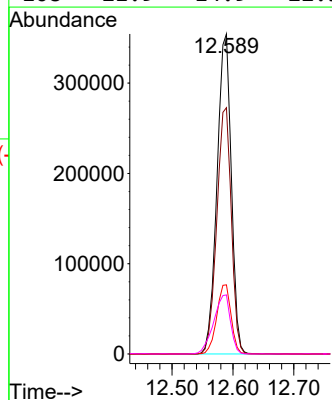
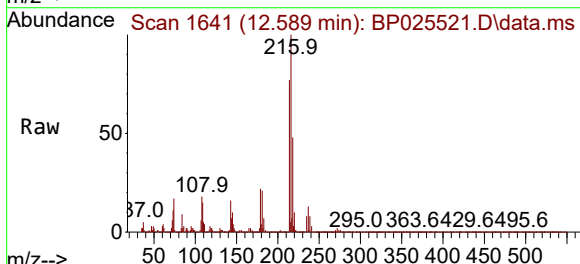
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

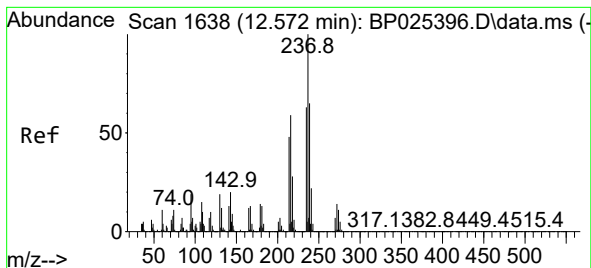
Tgt Ion:164 Resp: 422830
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 44.5 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.117 ng
RT: 12.589 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:216 Resp: 575385
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.7 17.1 25.7
108 21.9 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 96.973 ng

RT: 12.572 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

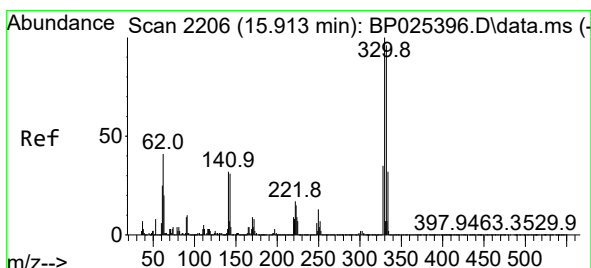
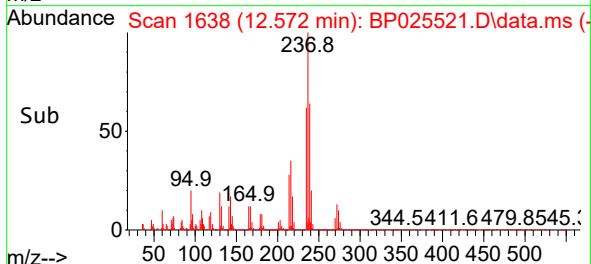
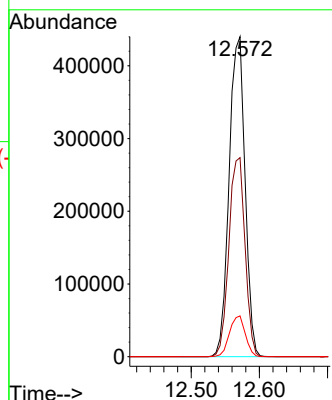
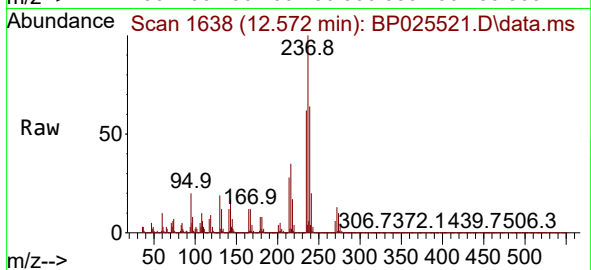
Tgt Ion:237 Resp: 715312

Ion Ratio Lower Upper

237 100

235 62.2 42.7 82.7

272 12.8 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 116.255 ng

RT: 15.913 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

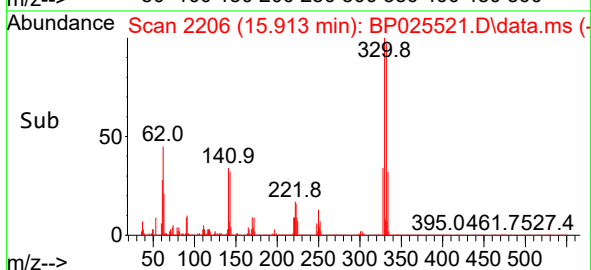
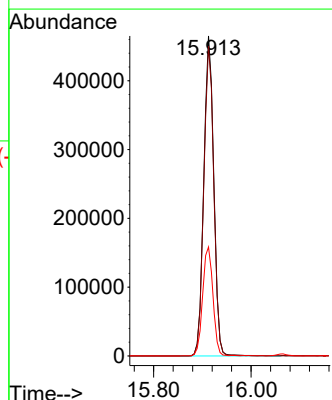
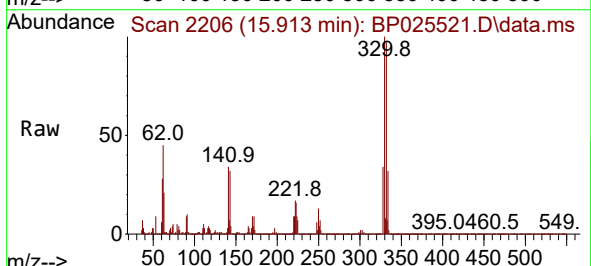
Tgt Ion:330 Resp: 661648

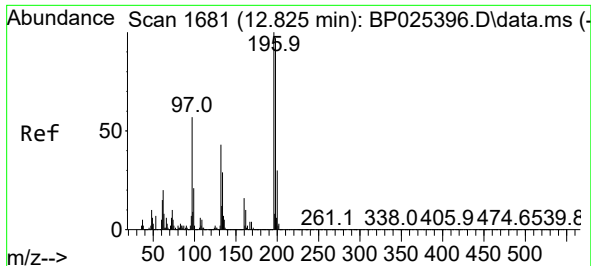
Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 35.1 26.6 39.8

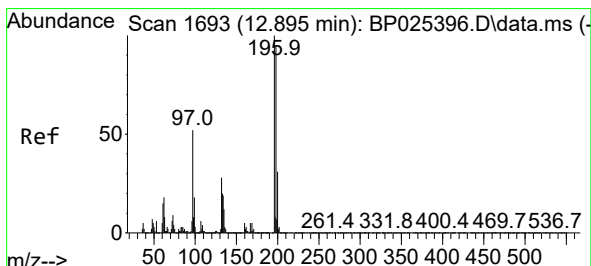
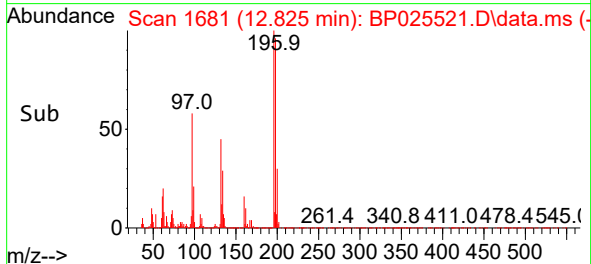
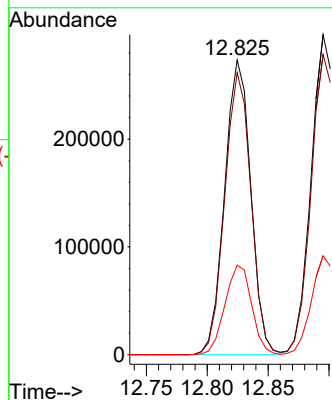
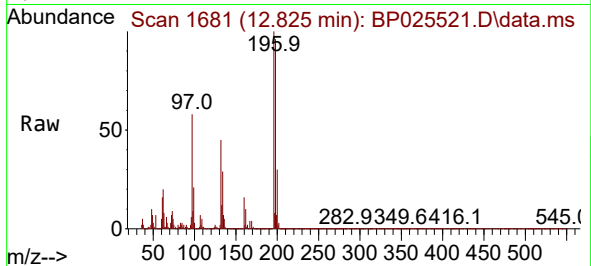




#43
2,4,6-Trichlorophenol
Concen: 49.699 ng
RT: 12.825 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

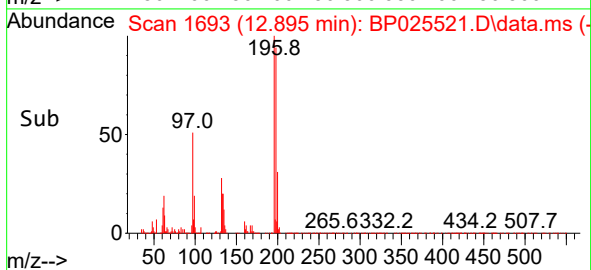
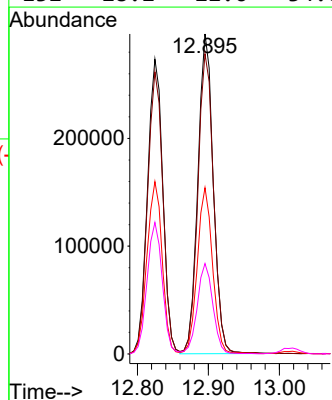
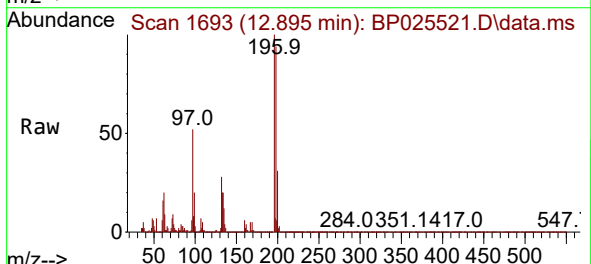
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

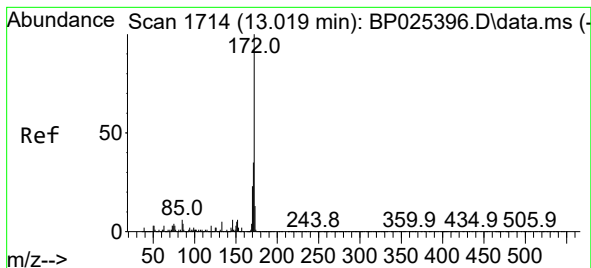
Tgt Ion:196 Resp: 409731
Ion Ratio Lower Upper
196 100
198 95.7 77.2 115.8
200 30.4 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 49.780 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:196 Resp: 449793
Ion Ratio Lower Upper
196 100
198 93.8 76.2 114.2
97 51.9 41.2 61.8
132 28.2 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 65.271 ng

RT: 13.019 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

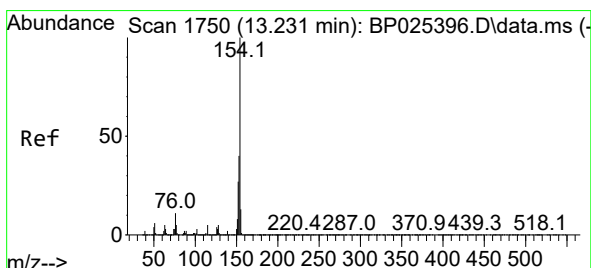
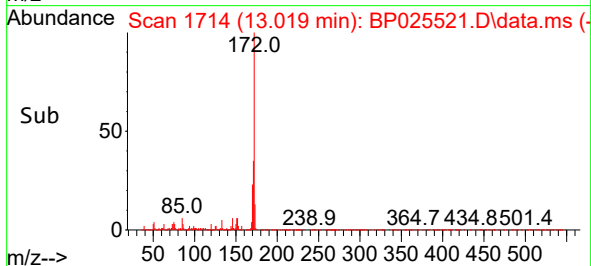
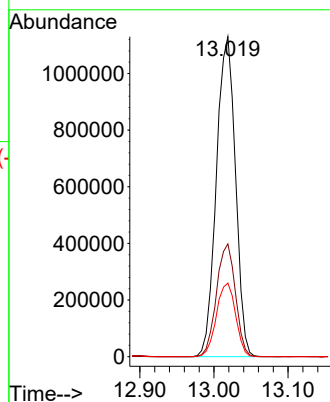
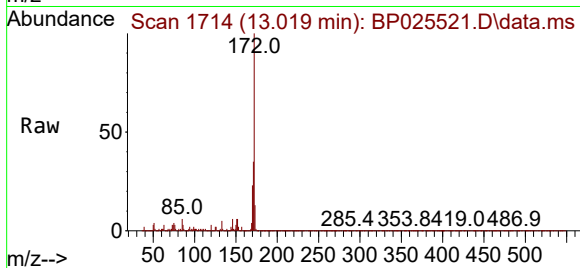
Tgt Ion:172 Resp: 2019365

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 46.410 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

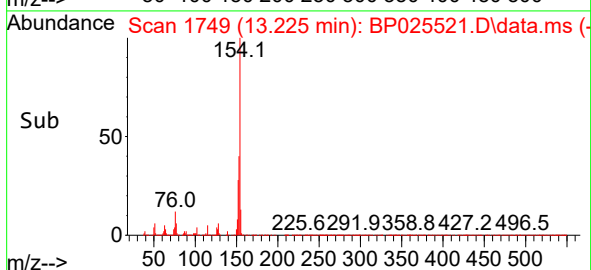
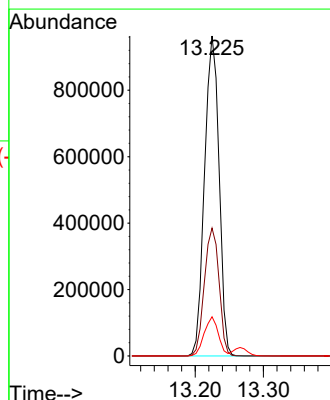
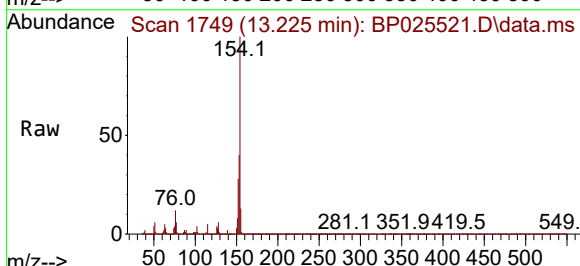
Tgt Ion:154 Resp: 1425183

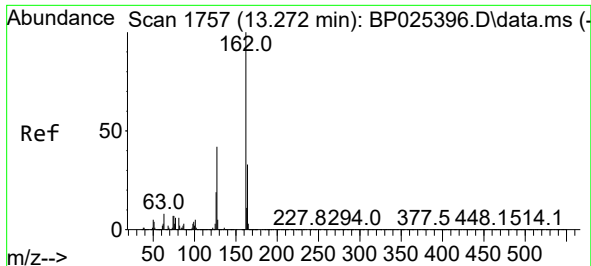
Ion Ratio Lower Upper

154 100

153 39.9 19.5 59.5

76 12.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 46.575 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

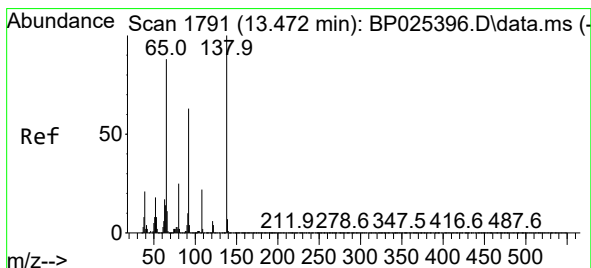
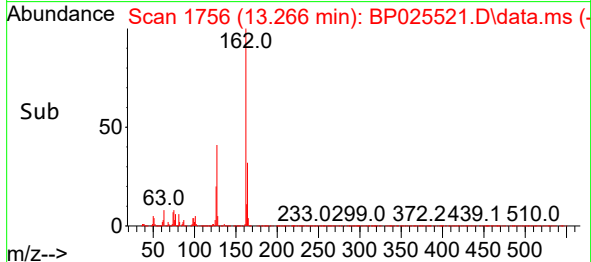
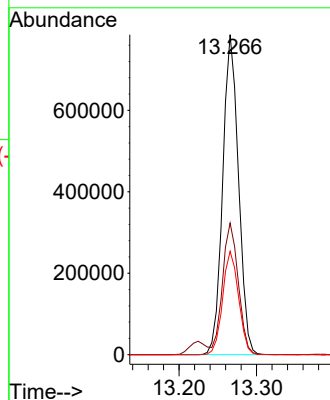
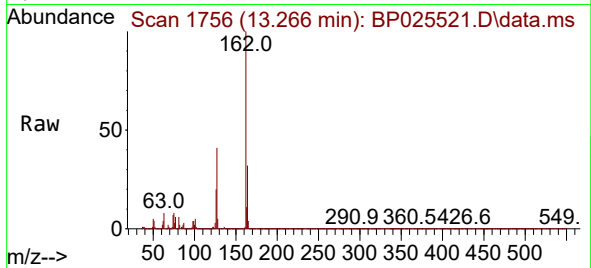
Tgt Ion:162 Resp: 1113435

Ion Ratio Lower Upper

162 100

127 41.2 33.4 50.2

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 52.041 ng

RT: 13.477 min Scan# 1792

Delta R.T. 0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

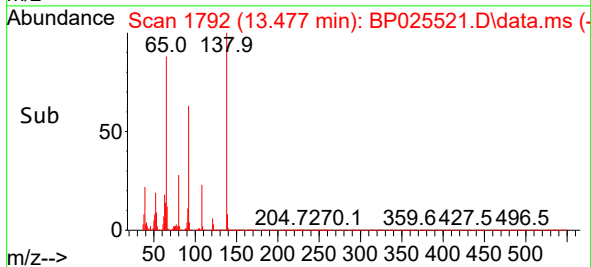
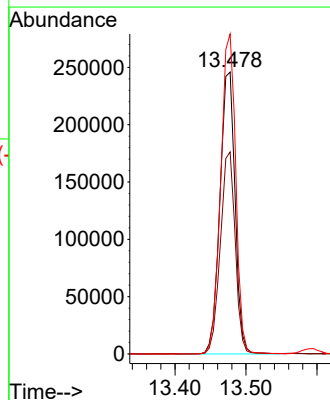
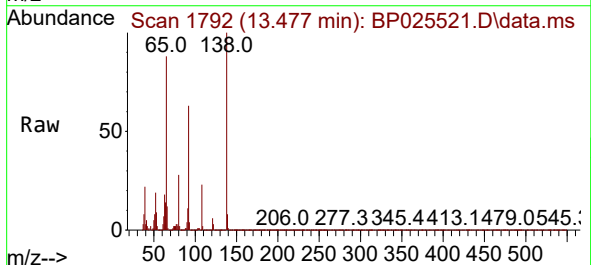
Tgt Ion: 65 Resp: 362504

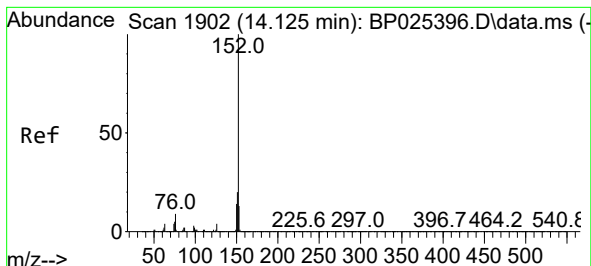
Ion Ratio Lower Upper

65 100

92 71.6 57.6 86.4

138 113.5 91.0 136.6





#49

Acenaphthylene

Concen: 47.713 ng

RT: 14.125 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

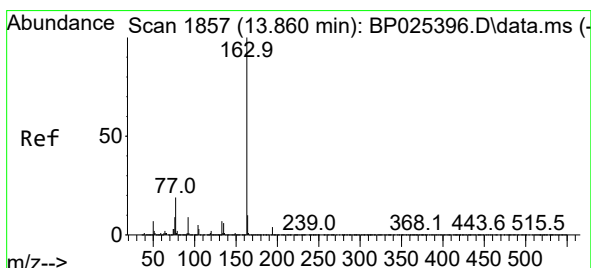
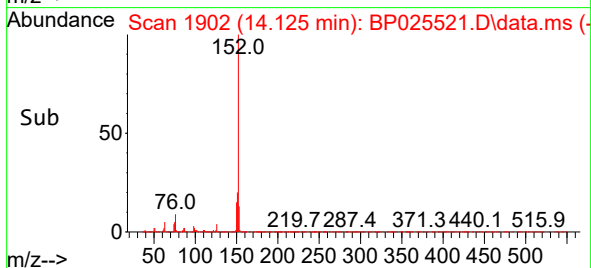
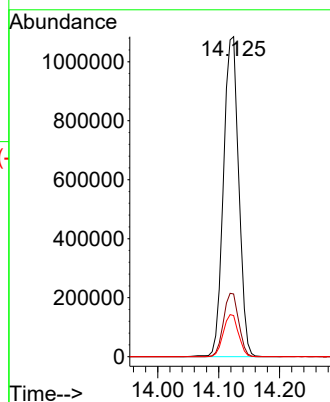
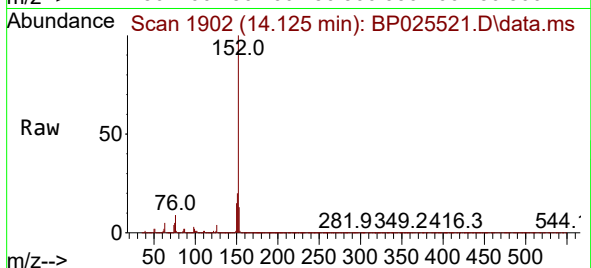
Tgt Ion:152 Resp: 1887410

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 46.677 ng

RT: 13.860 min Scan# 1857

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

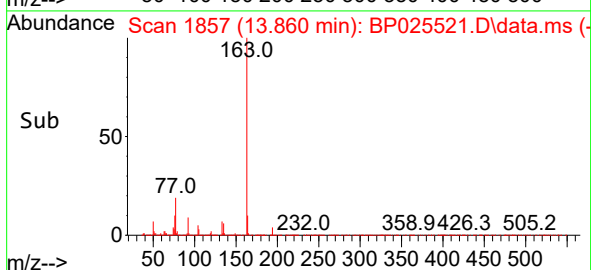
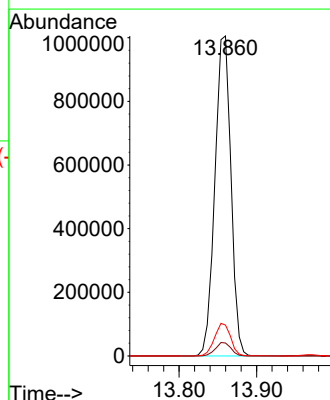
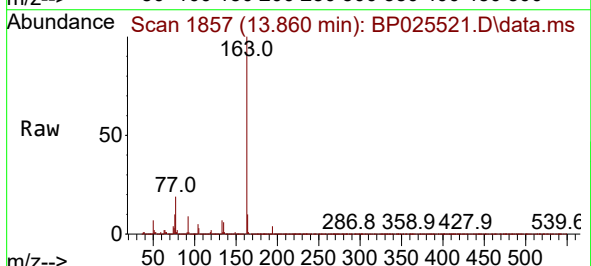
Tgt Ion:163 Resp: 1445275

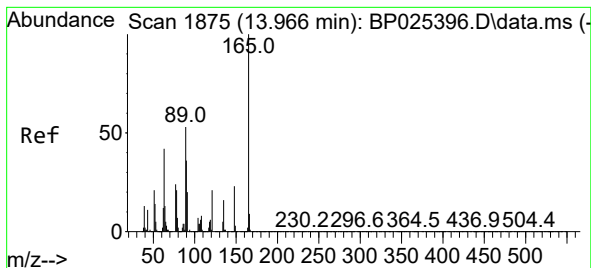
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.6 7.9 11.9

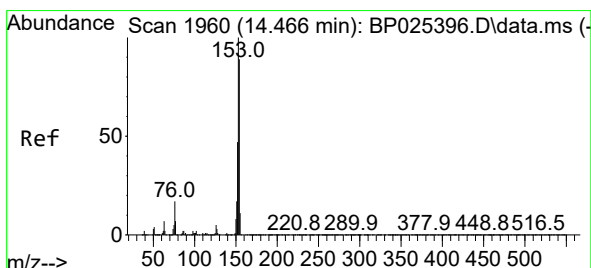
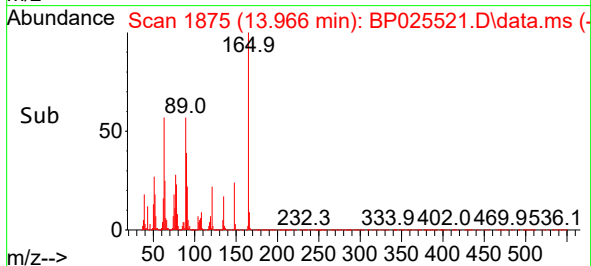
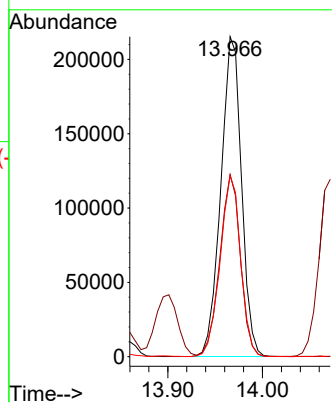
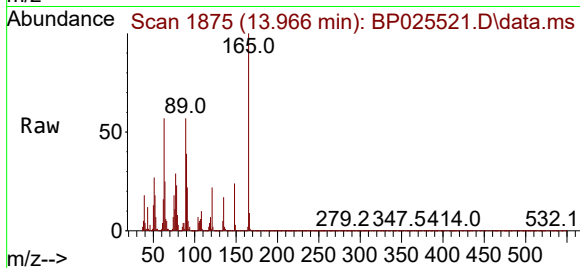




#51
2,6-Dinitrotoluene
Concen: 49.982 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

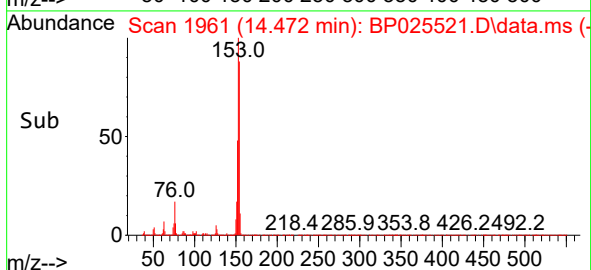
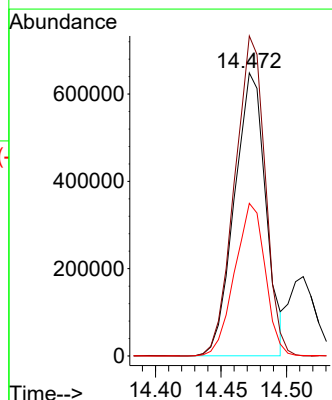
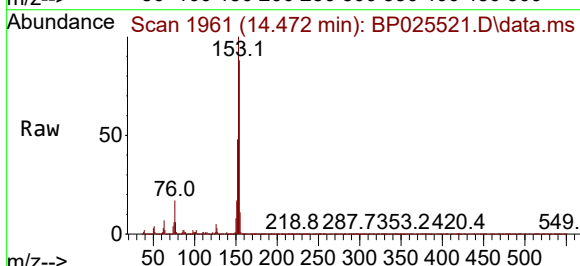
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

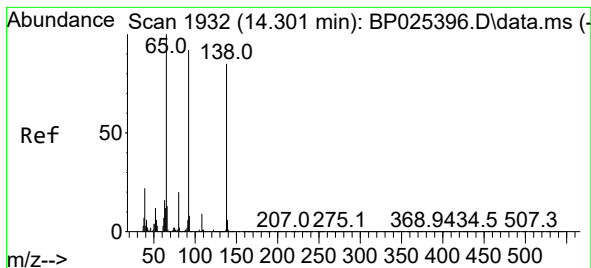
Tgt Ion:165 Resp: 326188
Ion Ratio Lower Upper
165 100
63 56.9 40.9 61.3
89 56.6 42.1 63.1



#52
Acenaphthene
Concen: 46.430 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:154 Resp: 1078099
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.2
152 53.9 42.1 63.1

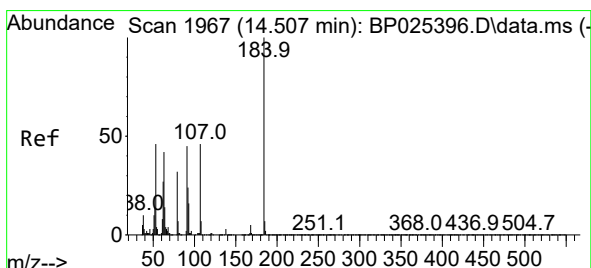
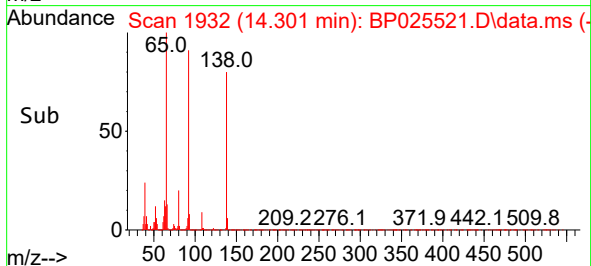
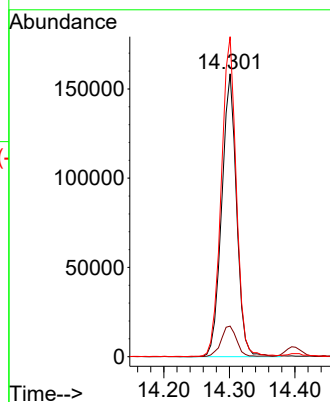
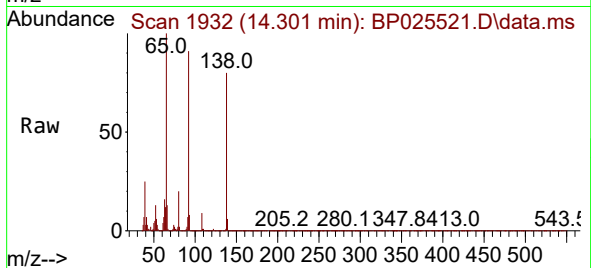




#53
3-Nitroaniline
Concen: 33.806 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

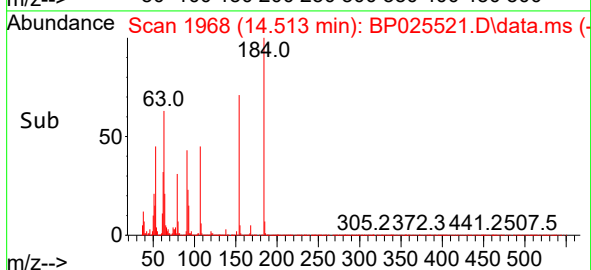
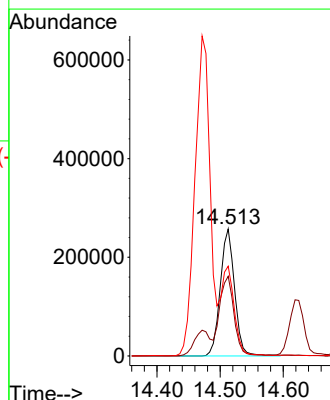
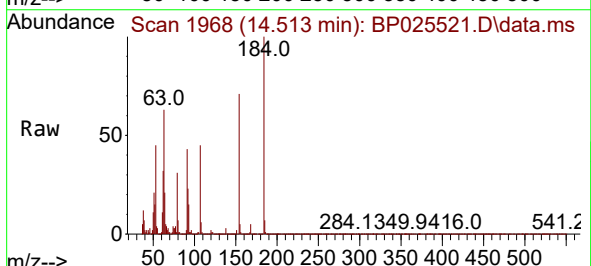
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

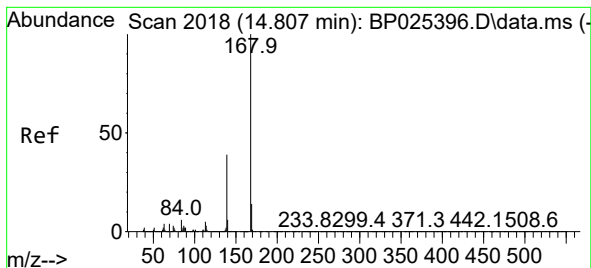
Tgt Ion:138 Resp: 248220
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 113.1 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 116.529 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:184 Resp: 406122
Ion Ratio Lower Upper
184 100
63 62.8 49.4 74.2
154 70.7 54.6 82.0





#55

Dibenzofuran

Concen: 46.799 ng

RT: 14.813 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

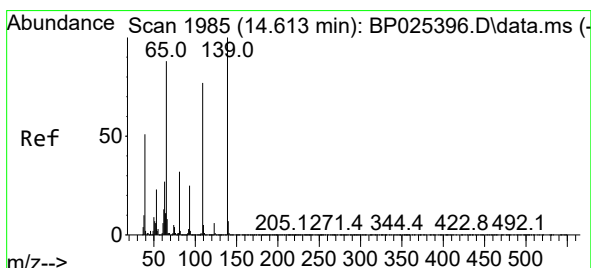
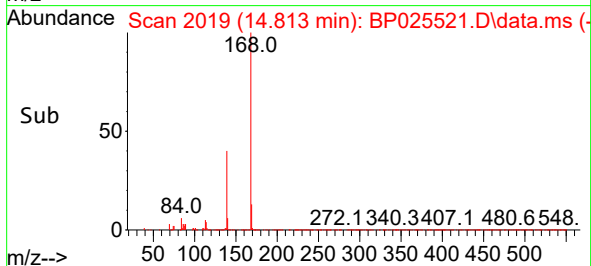
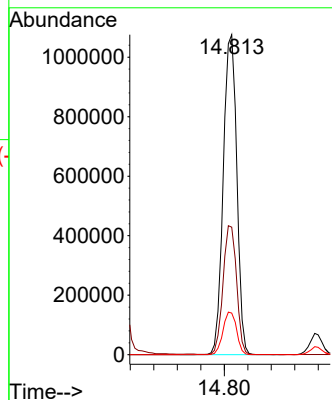
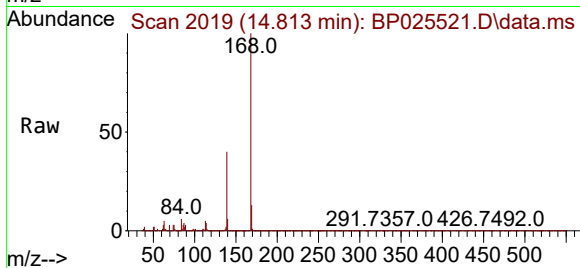
Tgt Ion:168 Resp: 1718002

Ion Ratio Lower Upper

168 100

139 39.8 31.5 47.3

169 13.0 10.9 16.3



#56

4-Nitrophenol

Concen: 104.595 ng

RT: 14.624 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

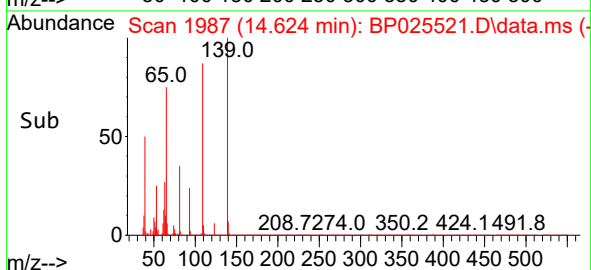
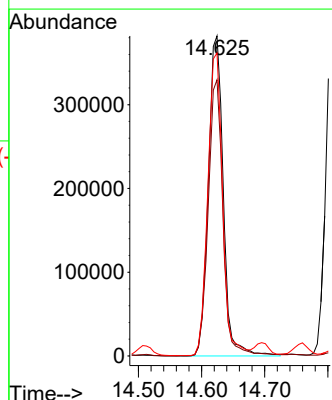
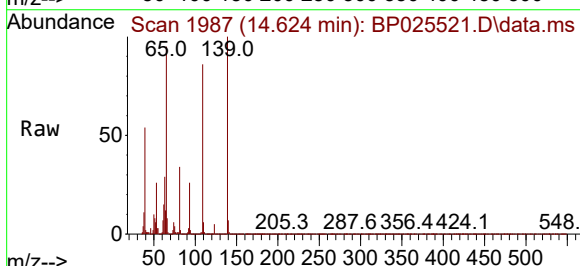
Tgt Ion:139 Resp: 631088

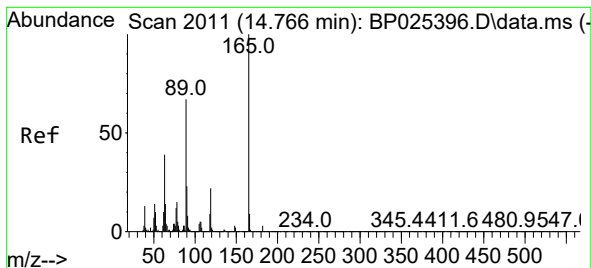
Ion Ratio Lower Upper

139 100

109 86.3 56.6 96.6

65 94.7 68.2 108.2

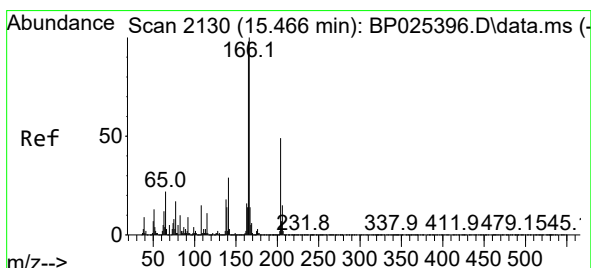
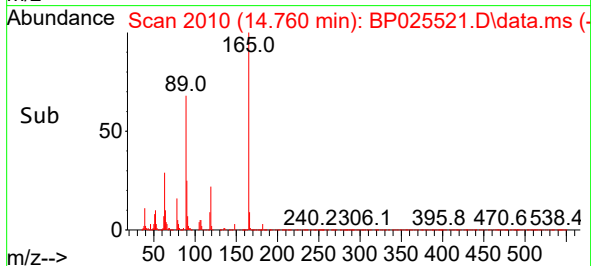
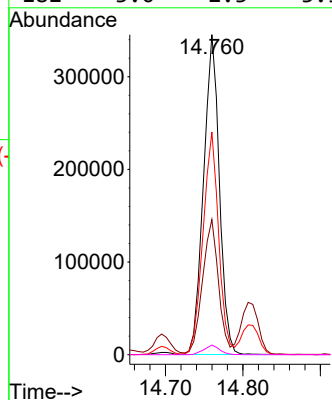
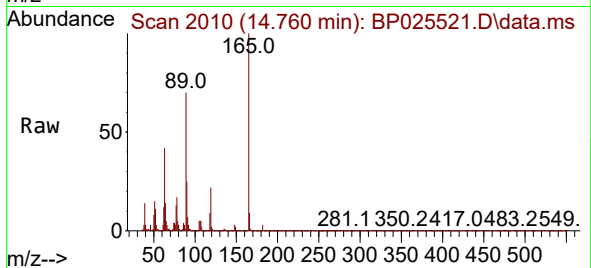




#57
2,4-Dinitrotoluene
Concen: 52.625 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

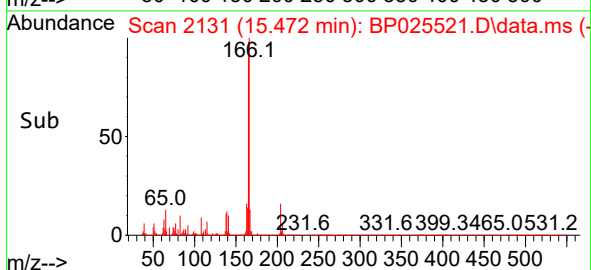
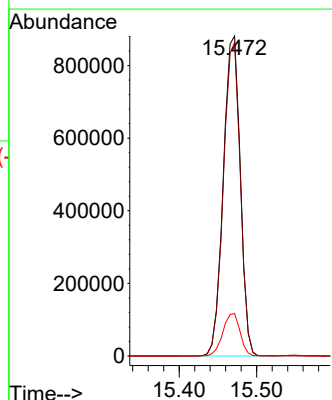
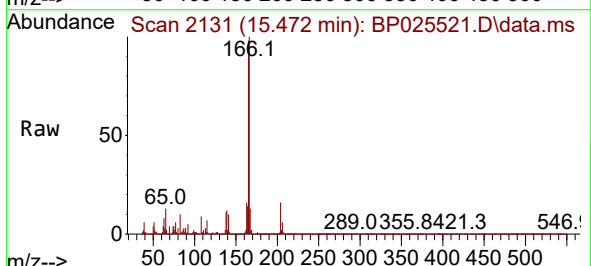
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

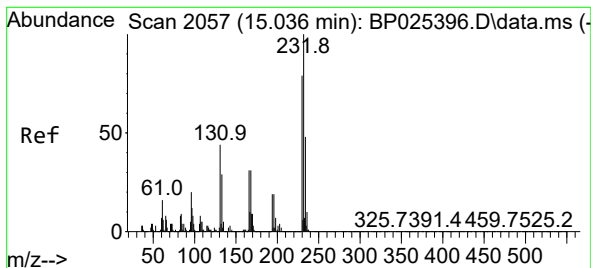
Tgt Ion:165 Resp: 490004
Ion Ratio Lower Upper
165 100
63 42.2 31.4 47.2
89 69.6 53.3 79.9
182 3.0 2.3 3.5



#58
Fluorene
Concen: 46.402 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:166 Resp: 1344141
Ion Ratio Lower Upper
166 100
165 98.0 78.8 118.2
167 13.2 11.0 16.4

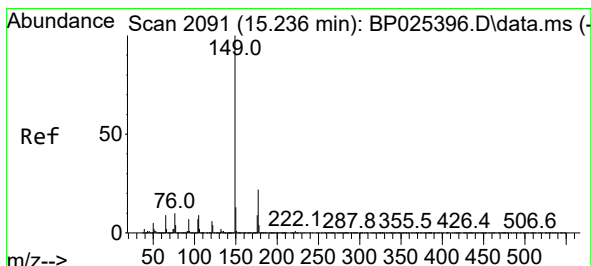
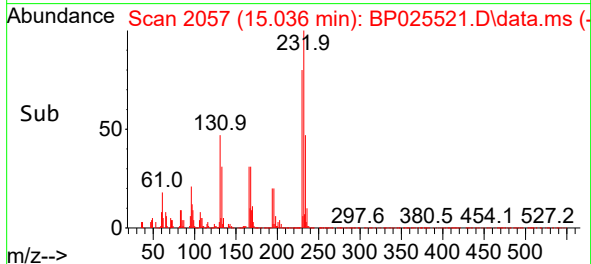
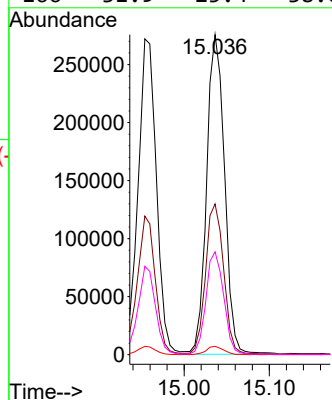
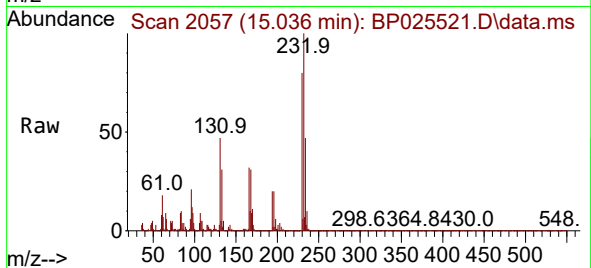




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.461 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

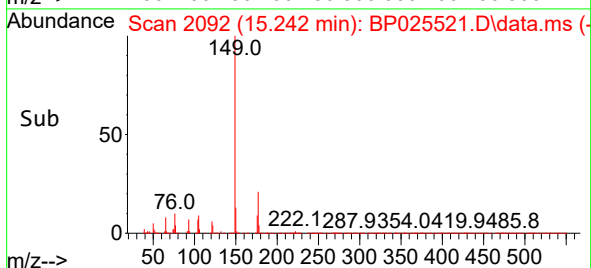
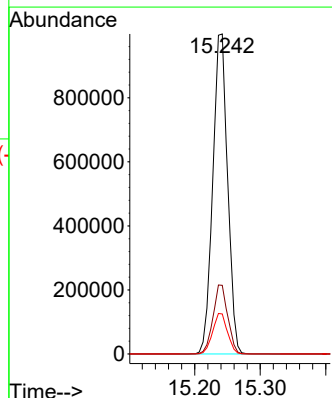
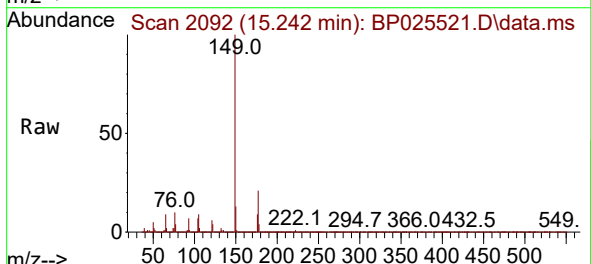
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

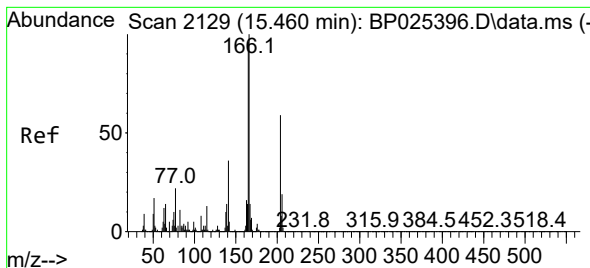
Tgt Ion:232 Resp: 402588
Ion Ratio Lower Upper
232 100
131 47.9 37.0 55.6
130 2.6 1.9 2.9
166 31.9 25.4 38.0



#60
Diethylphthalate
Concen: 49.879 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:149 Resp: 1569300
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.5 10.3 15.5

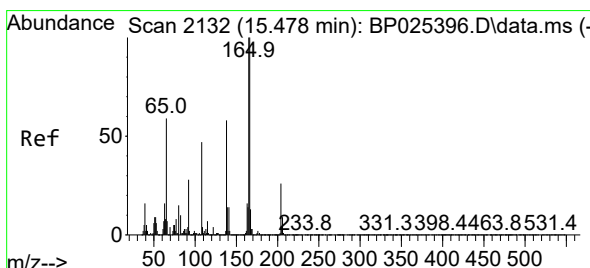
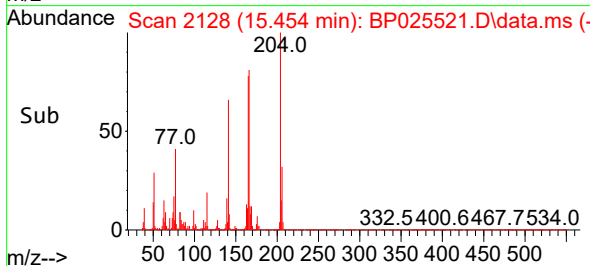
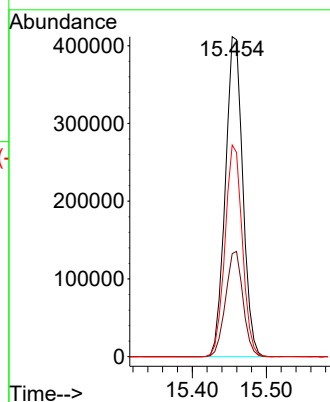
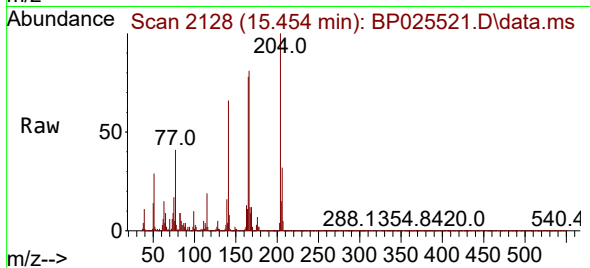




#61
4-Chlorophenyl-phenylether
Concen: 46.631 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

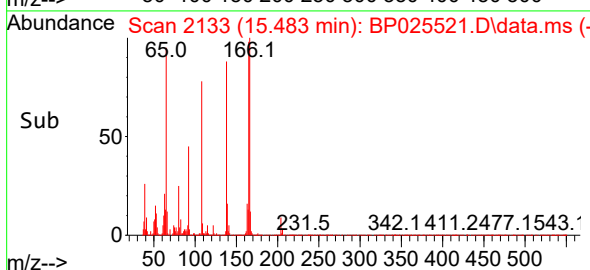
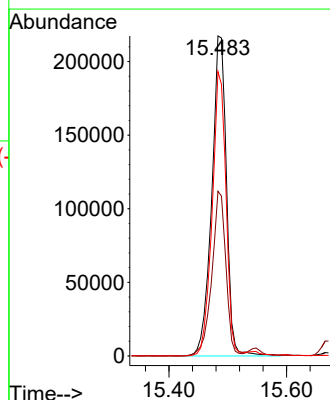
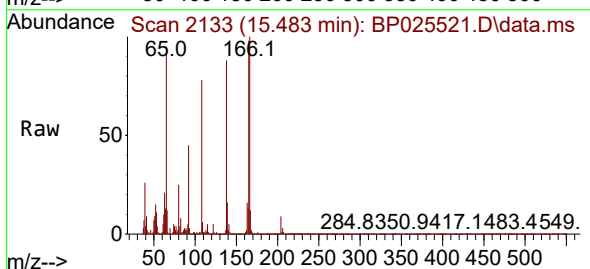
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

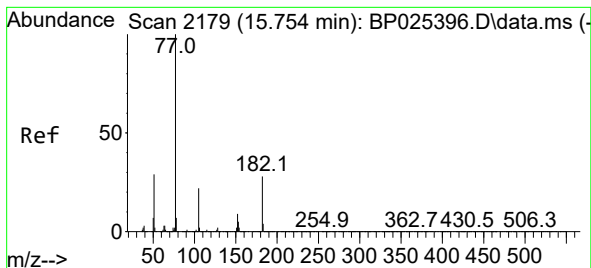
Tgt Ion:204 Resp: 671793
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 66.2 49.4 74.2



#62
4-Nitroaniline
Concen: 50.122 ng
RT: 15.483 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:138 Resp: 377285
Ion Ratio Lower Upper
138 100
92 51.4 29.1 69.1
108 88.8 61.5 101.5





#63

Azobenzene

Concen: 56.805 ng

RT: 15.754 min Scan# 2179

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

Tgt Ion: 77 Resp: 1530314

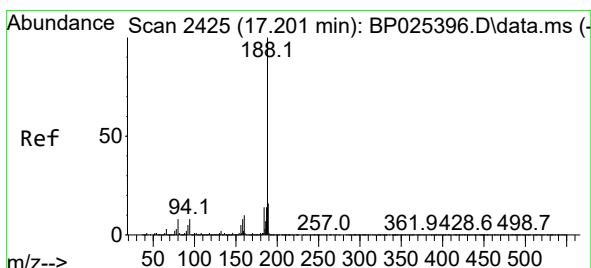
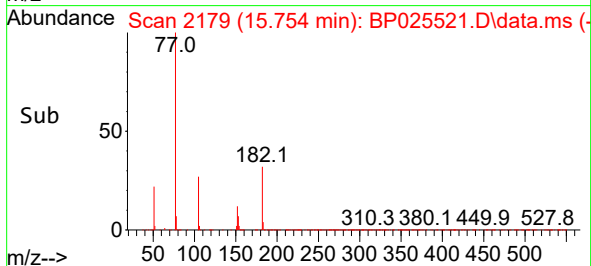
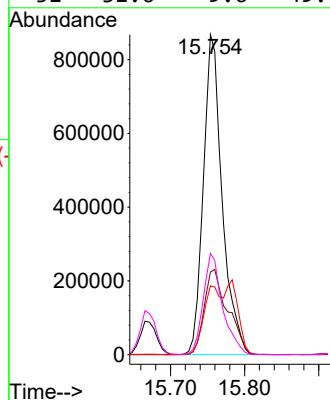
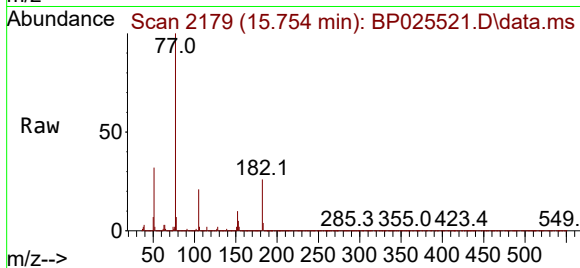
Ion Ratio Lower Upper

77 100

182 25.8 7.5 47.5

105 21.5 2.1 42.1

51 31.6 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

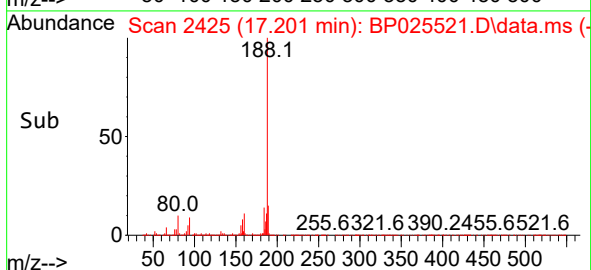
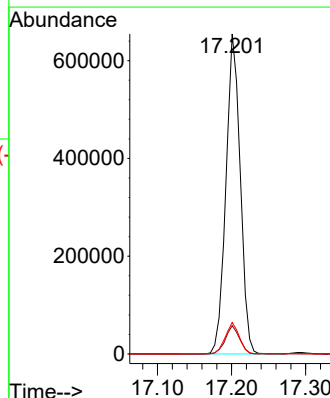
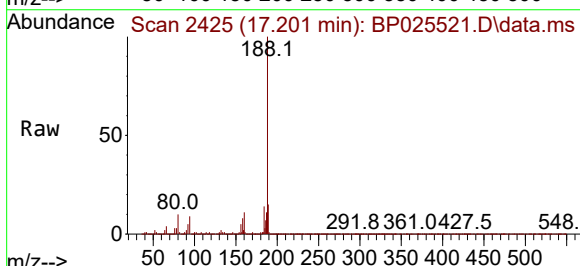
Tgt Ion:188 Resp: 876970

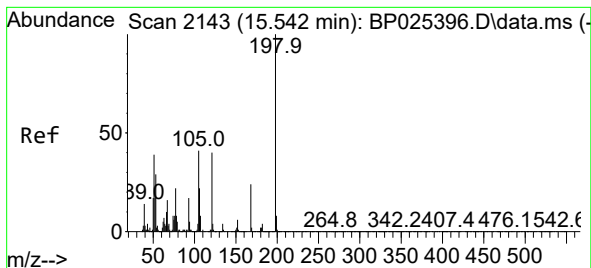
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.9 6.7 10.1

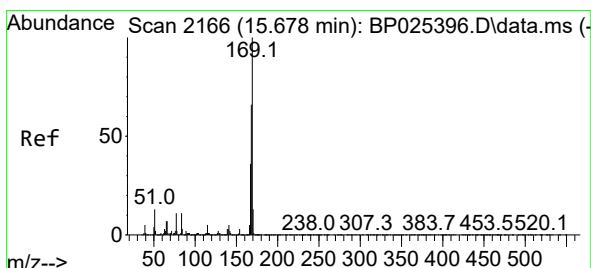
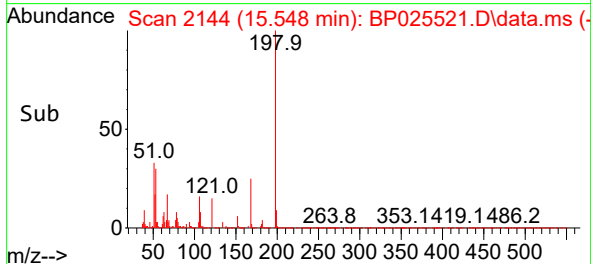
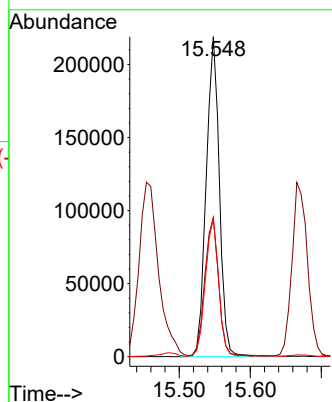
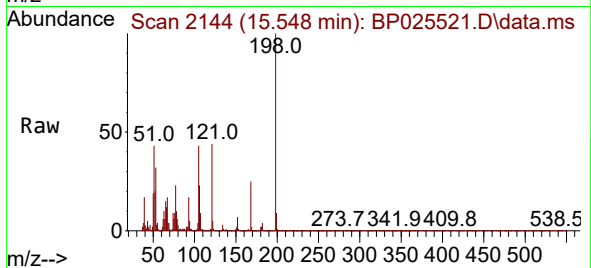




#65
4,6-Dinitro-2-methylphenol
Concen: 51.847 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

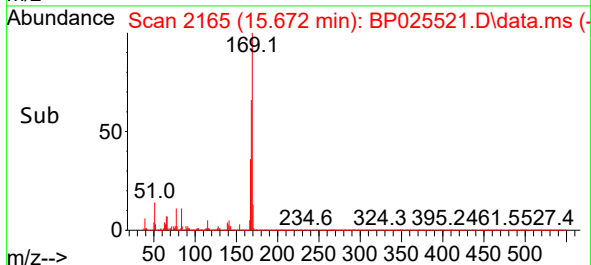
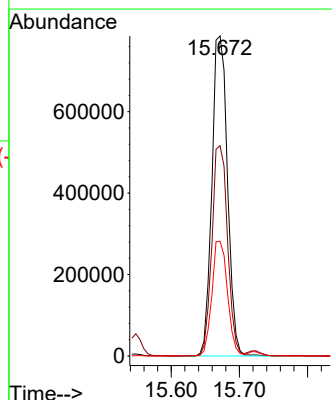
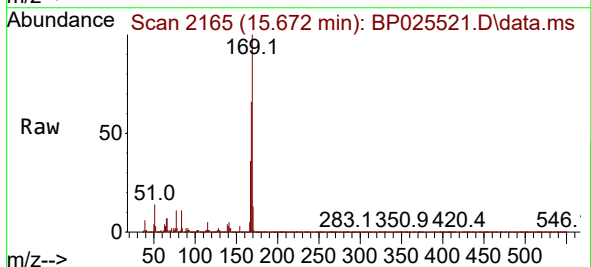
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

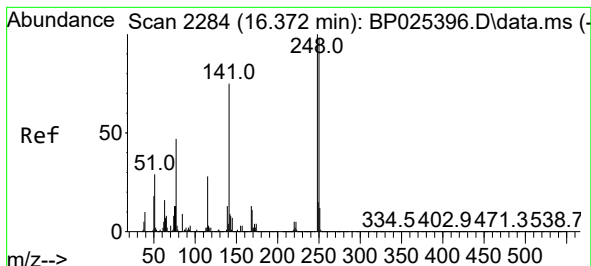
Tgt Ion:198 Resp: 283428
Ion Ratio Lower Upper
198 100
51 43.4 19.6 59.6
105 43.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 46.799 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:169 Resp: 1251523
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.8 28.7 43.1

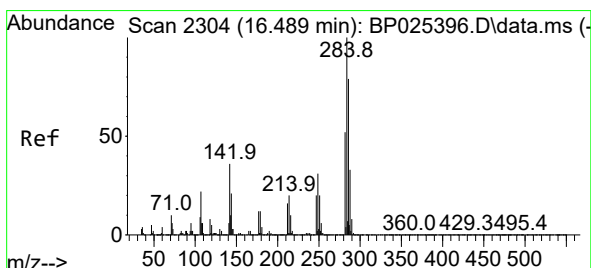
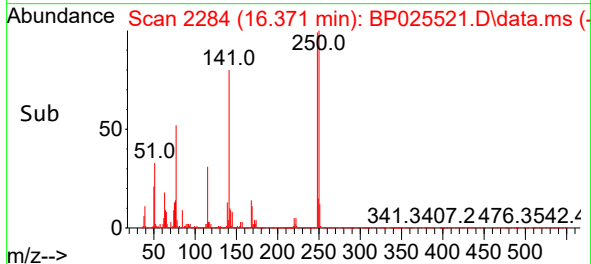
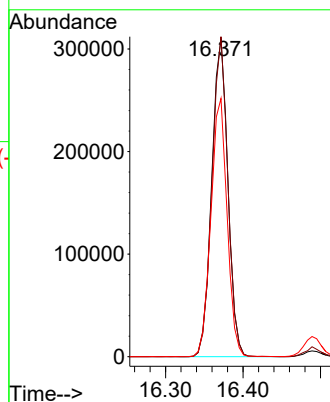
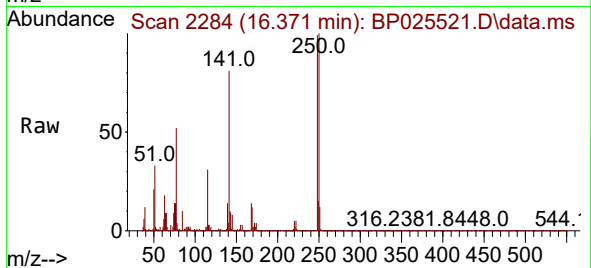




#67
4-Bromophenyl-phenylether
Concen: 46.483 ng
RT: 16.371 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

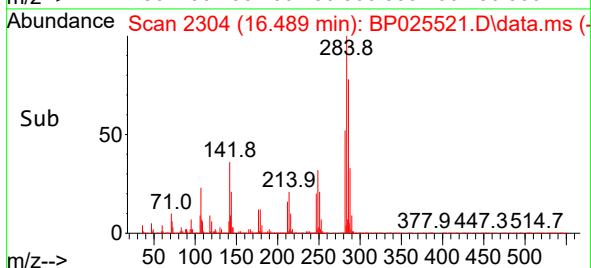
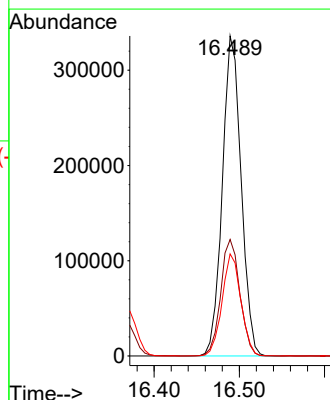
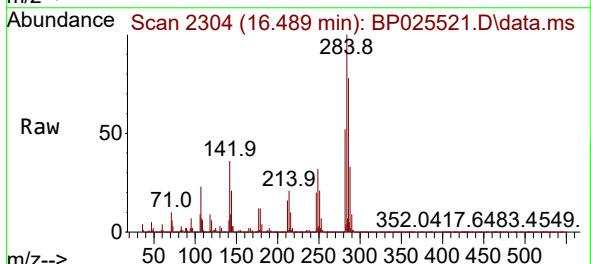
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

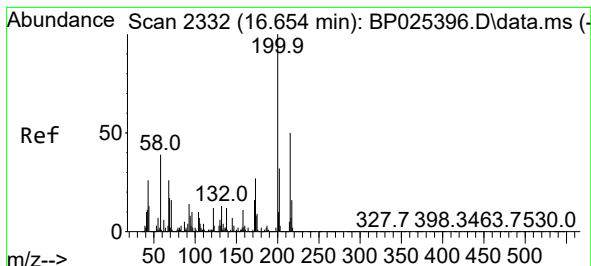
Tgt Ion:248 Resp: 448328
Ion Ratio Lower Upper
248 100
250 100.6 78.2 117.2
141 81.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 46.040 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:284 Resp: 514752
Ion Ratio Lower Upper
284 100
142 36.4 29.1 43.7
249 31.9 25.0 37.4





#69

Atrazine

Concen: 49.315 ng

RT: 16.654 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

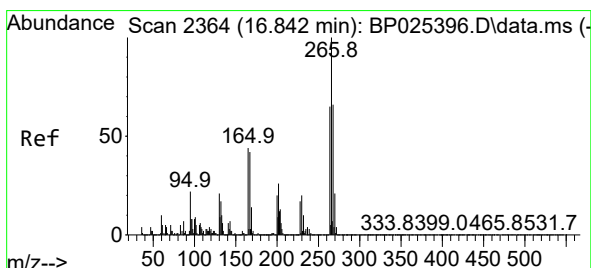
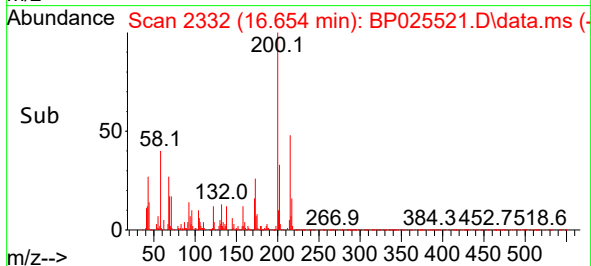
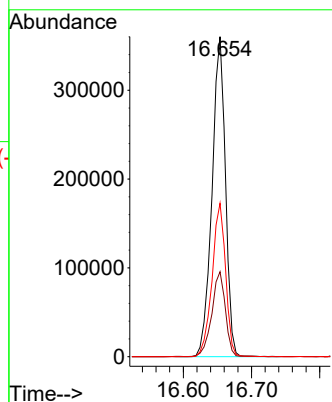
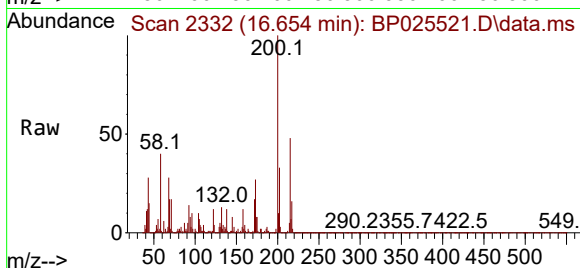
Tgt Ion:200 Resp: 493890

Ion Ratio Lower Upper

200 100

173 26.6 6.7 46.7

215 47.9 29.7 69.7



#70

Pentachlorophenol

Concen: 103.867 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

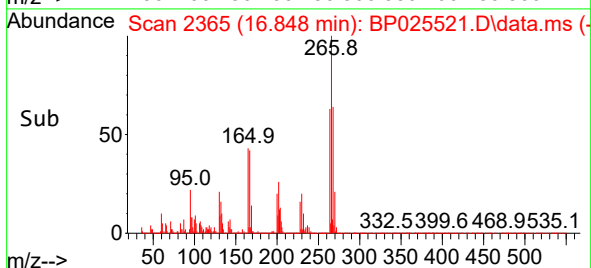
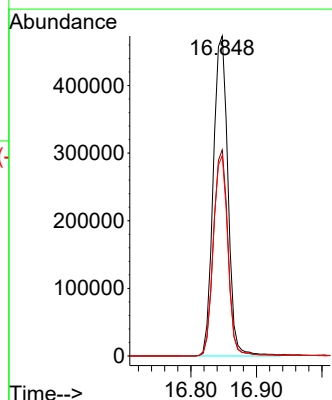
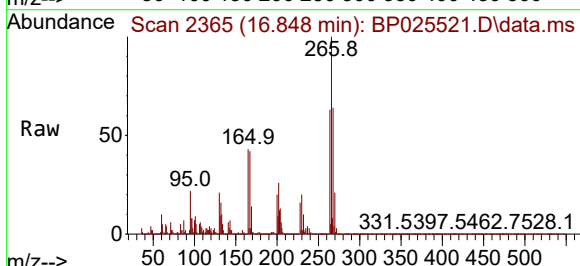
Tgt Ion:266 Resp: 733067

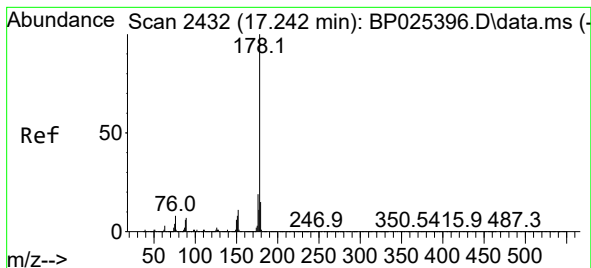
Ion Ratio Lower Upper

266 100

268 64.4 52.6 79.0

264 62.6 52.0 78.0





#71

Phenanthrene

Concen: 46.879 ng

RT: 17.242 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

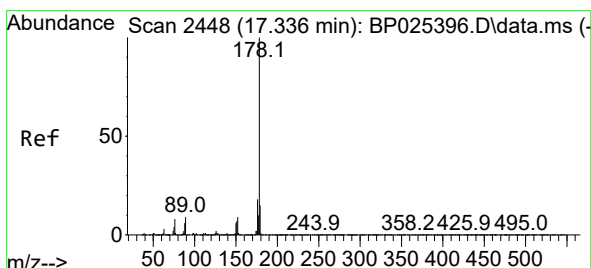
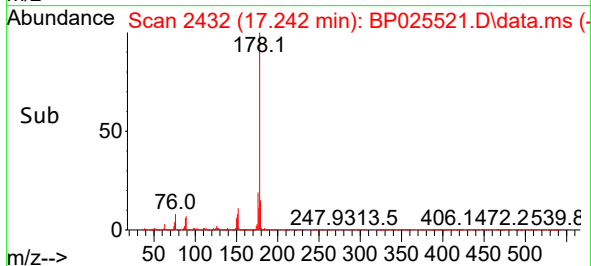
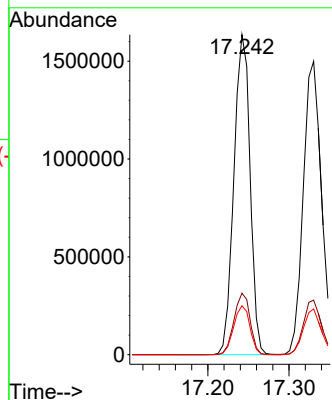
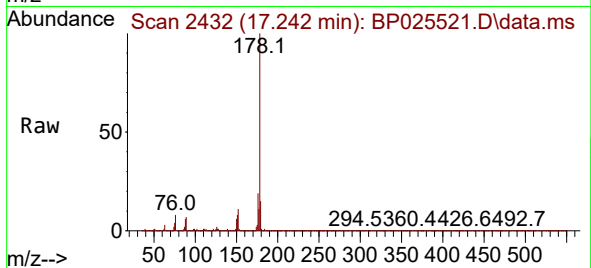
Tgt Ion:178 Resp: 2258400

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 47.367 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

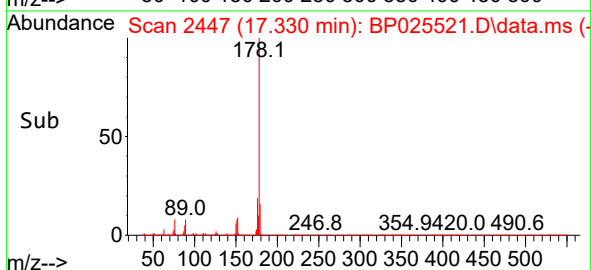
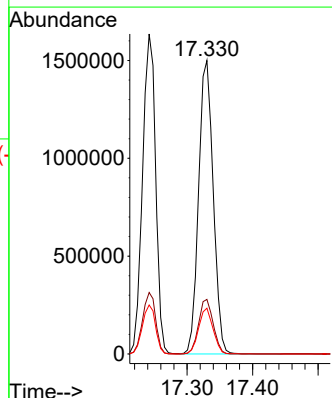
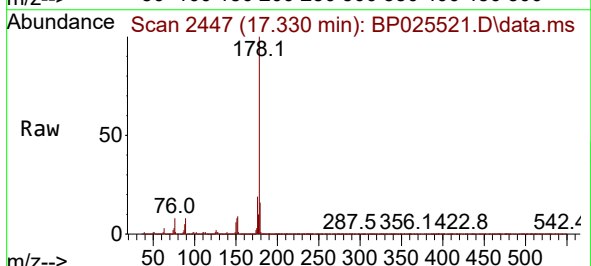
Tgt Ion:178 Resp: 2330282

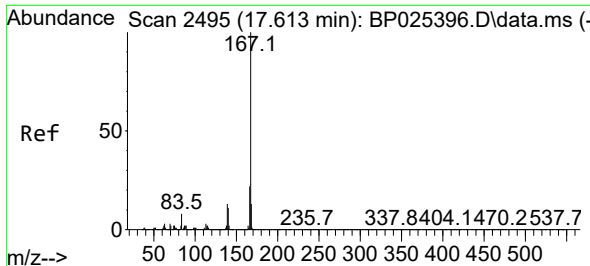
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.6 12.2 18.2

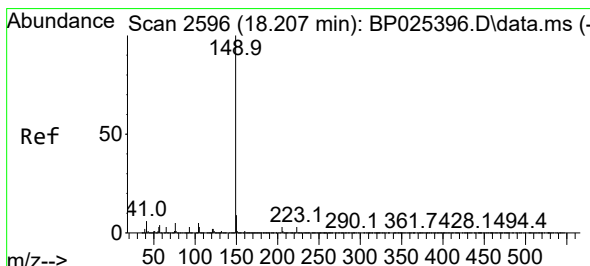
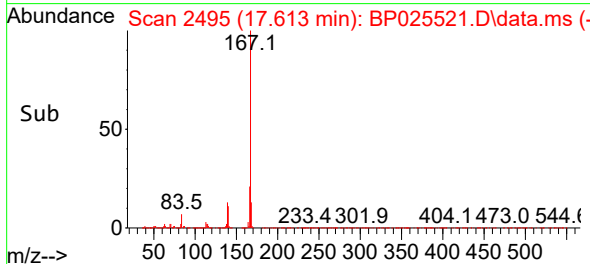
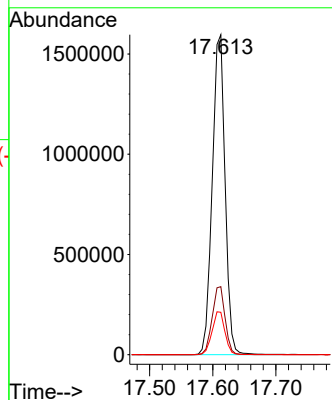
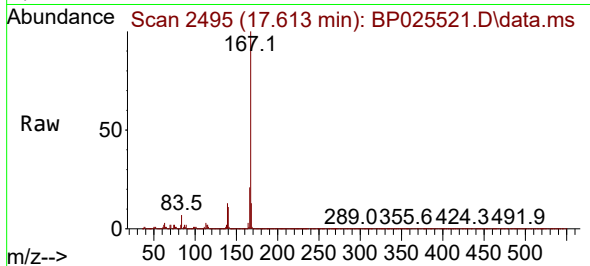




#73
 Carbazole
 Concen: 48.460 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

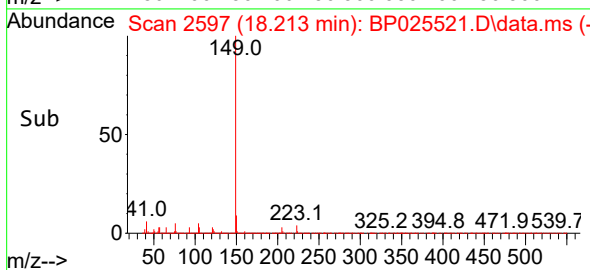
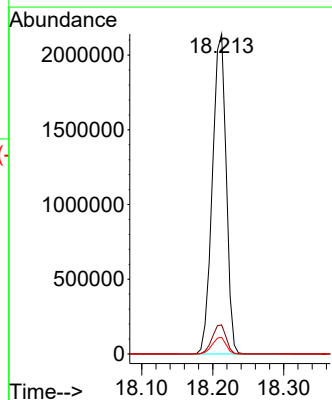
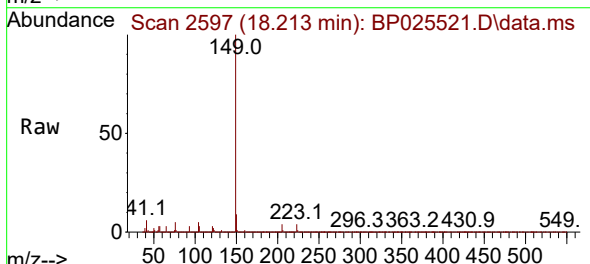
Instrument :
 BNA_P
 ClientSampleId :
 38M-NMSD

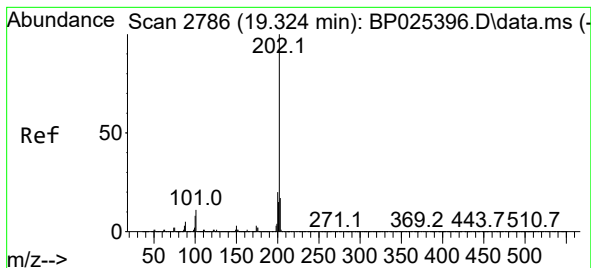
Tgt Ion:167 Resp: 2245579
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.547 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025521.D
 Acq: 21 Aug 2025 00:35

Tgt Ion:149 Resp: 2881804
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.2 6.2

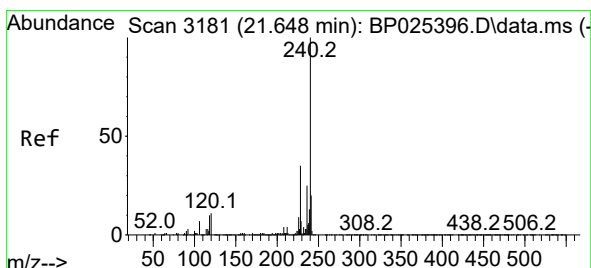
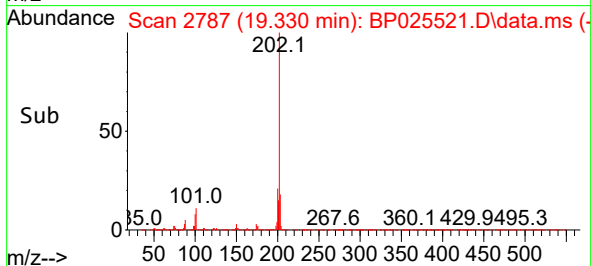
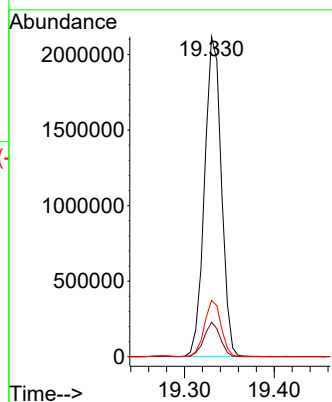
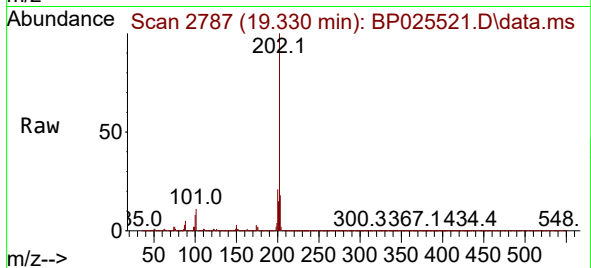




#75
Fluoranthene
Concen: 47.871 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

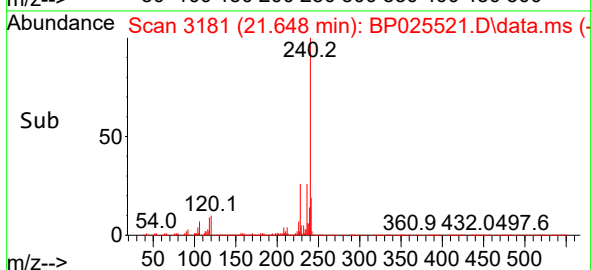
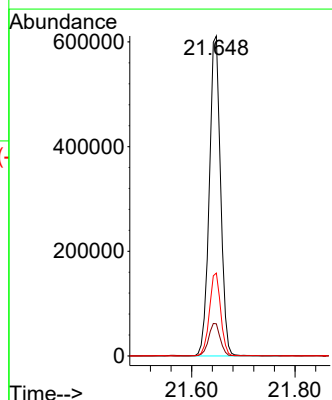
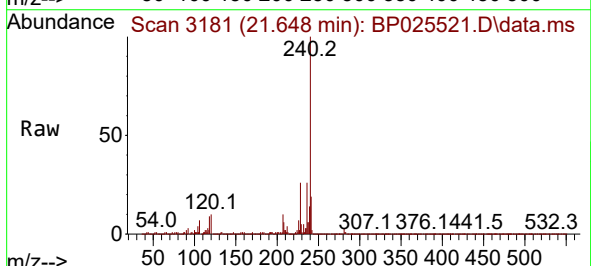
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

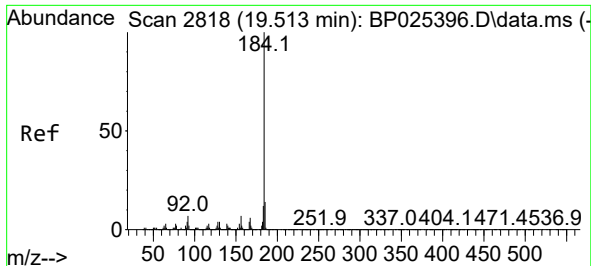
Tgt Ion:202 Resp: 2750858
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.1
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:240 Resp: 922591
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.9 19.8 29.8

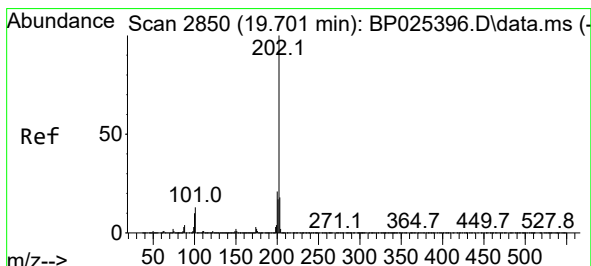
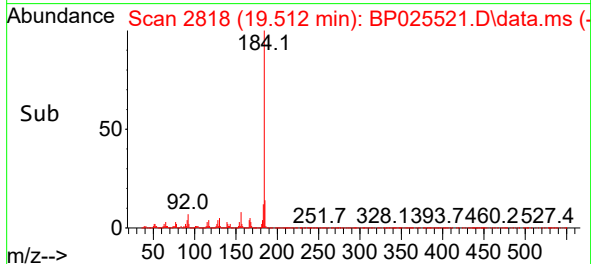
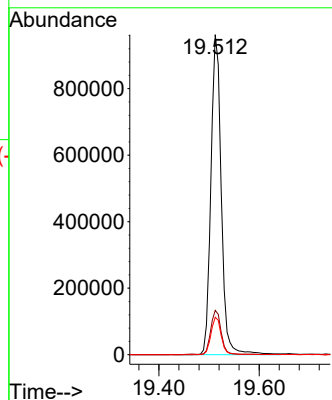
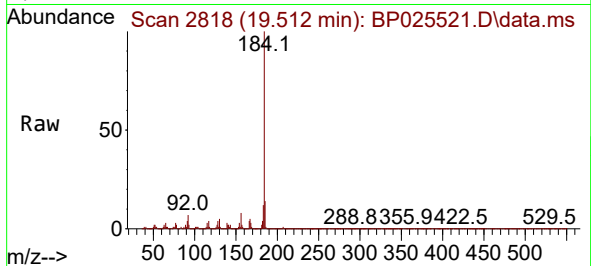




#77
Benzidine
Concen: 43.896 ng
RT: 19.512 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

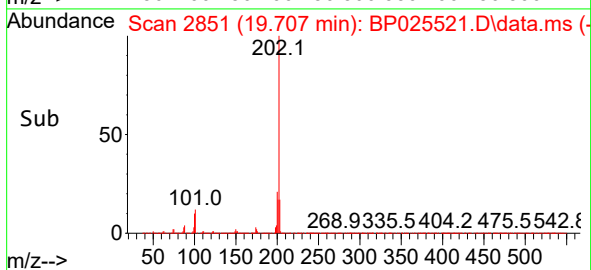
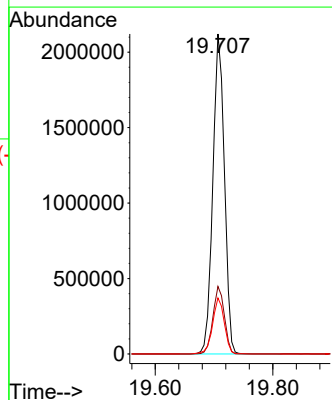
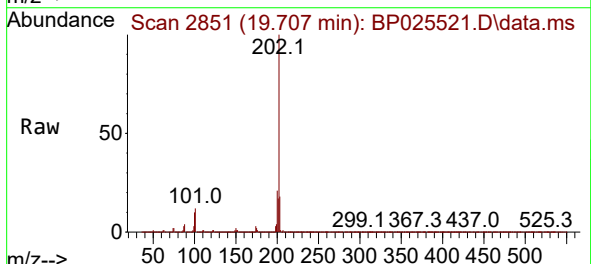
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

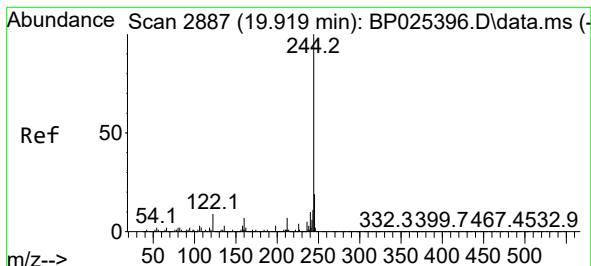
Tgt Ion:184 Resp: 1382116
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.7 9.4 14.2



#78
Pyrene
Concen: 48.260 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:202 Resp: 2893940
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 65.486 ng

RT: 19.918 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

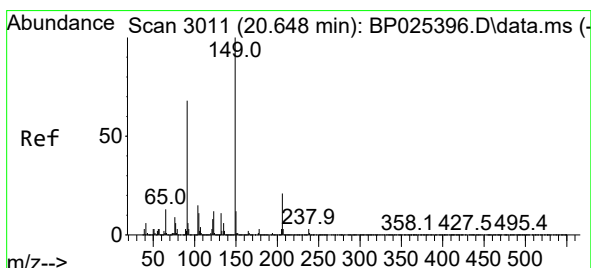
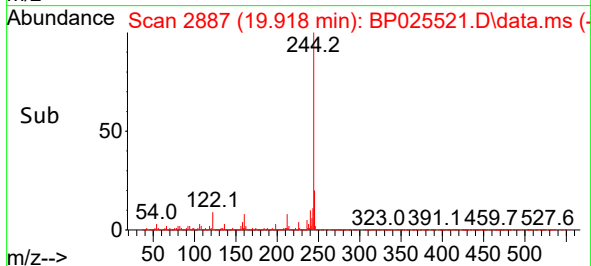
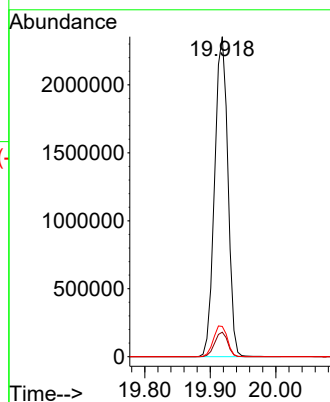
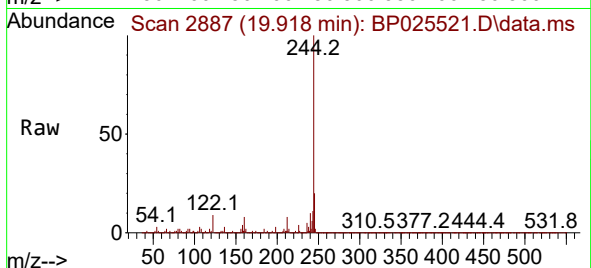
Tgt Ion:244 Resp: 3302241

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.5 7.4 11.2



#80

Butylbenzylphthalate

Concen: 51.861 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

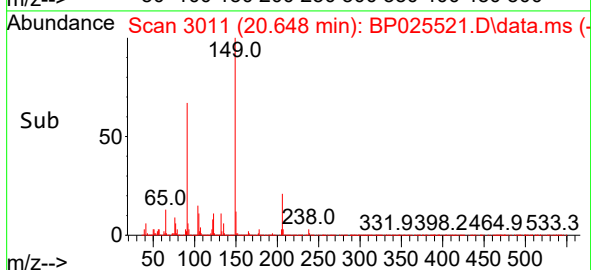
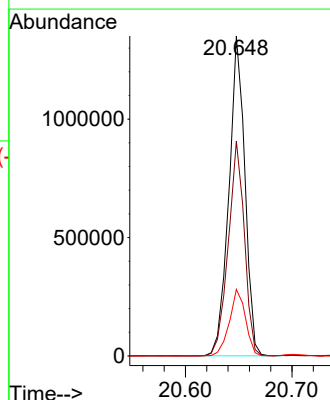
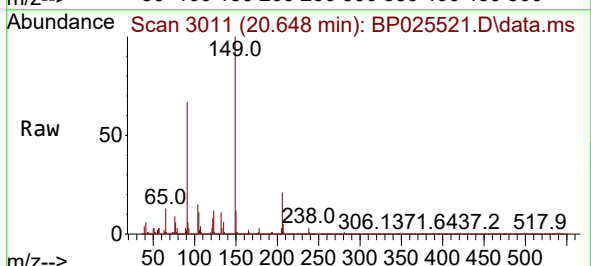
Tgt Ion:149 Resp: 1409430

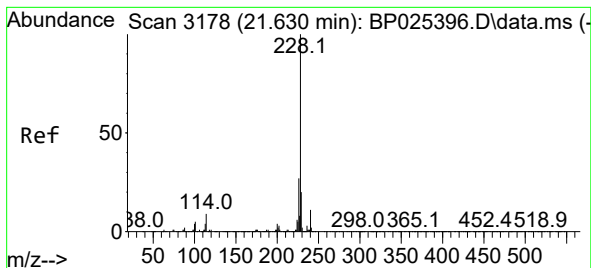
Ion Ratio Lower Upper

149 100

91 67.1 54.2 81.2

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.025 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

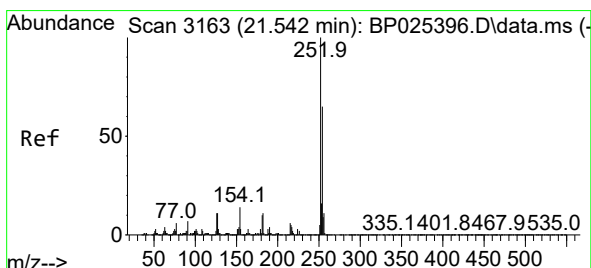
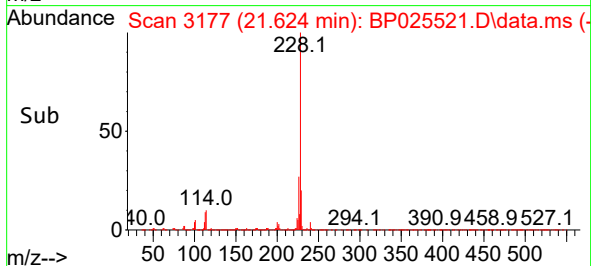
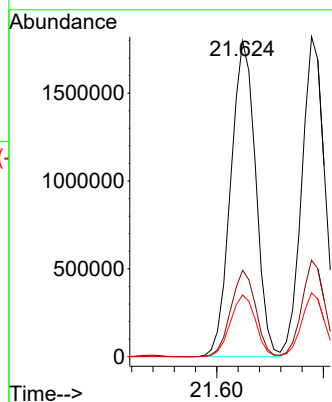
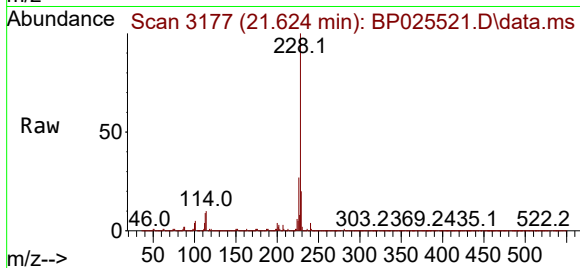
Tgt Ion:228 Resp: 2922112

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 30.138 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

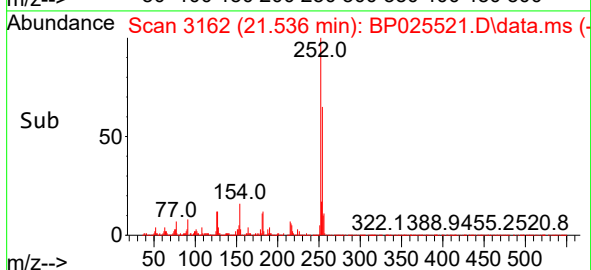
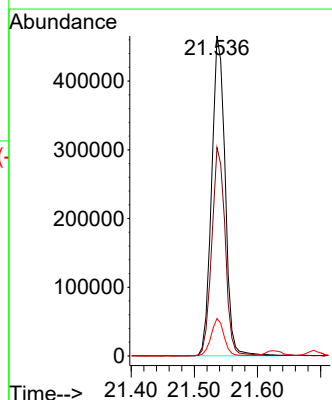
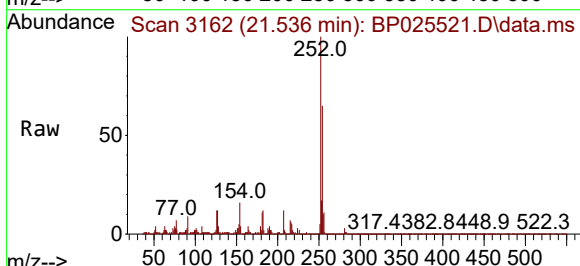
Tgt Ion:252 Resp: 691173

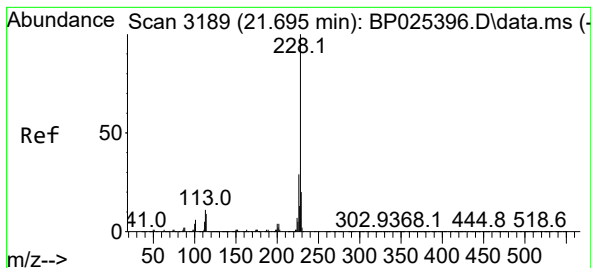
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 11.7 9.1 13.7





#83

Chrysene

Concen: 47.938 ng

RT: 21.689 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

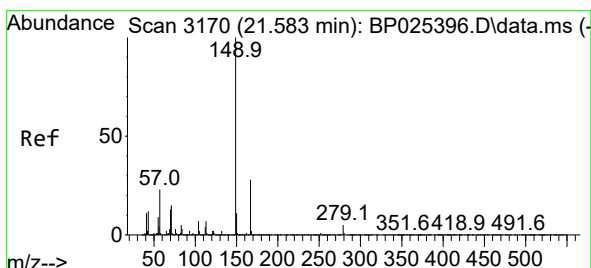
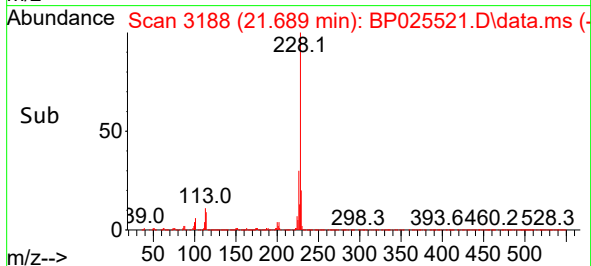
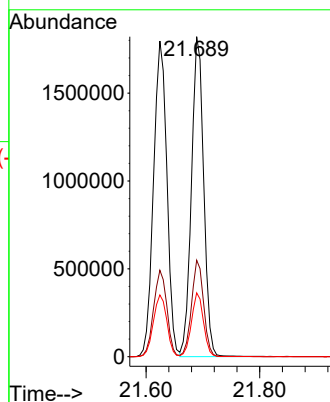
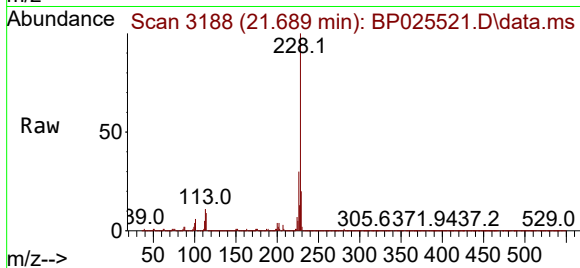
Tgt Ion:228 Resp: 2731566

Ion Ratio Lower Upper

228 100

226 30.1 23.2 34.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.233 ng

RT: 21.565 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

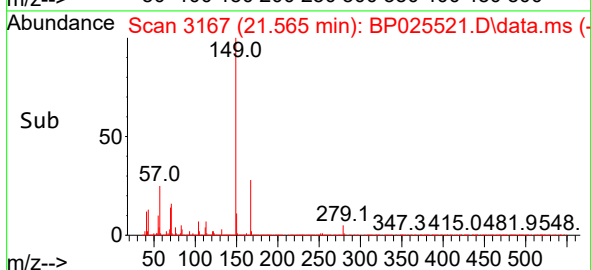
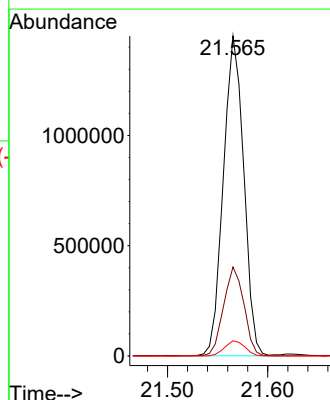
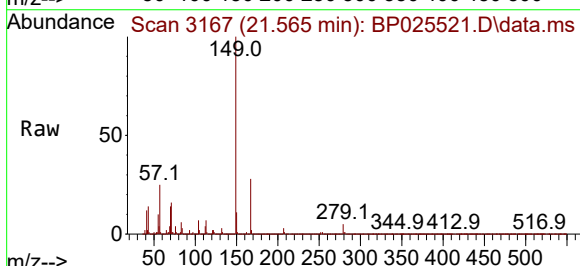
Tgt Ion:149 Resp: 2049629

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.164 ng

RT: 22.859 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

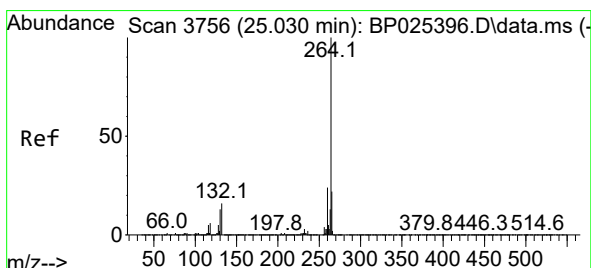
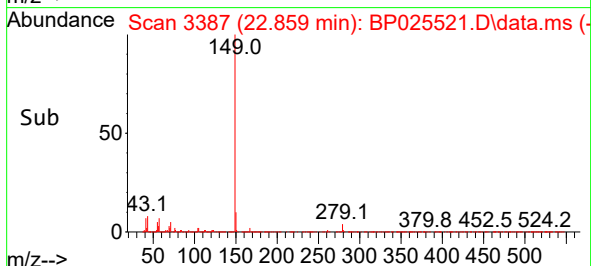
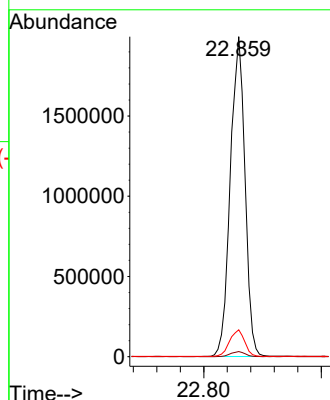
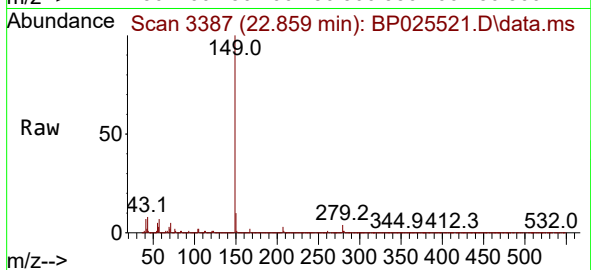
Tgt Ion:149 Resp: 3451915

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 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: BP025521.D

Acq: 21 Aug 2025 00:35

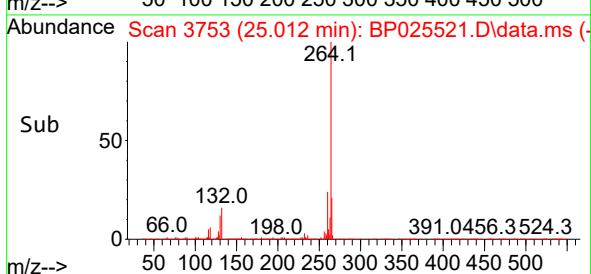
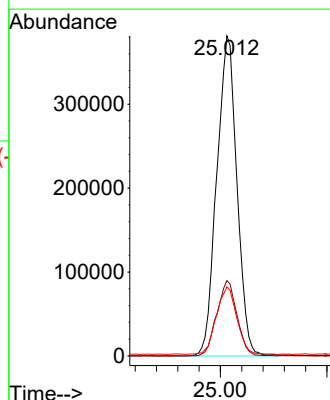
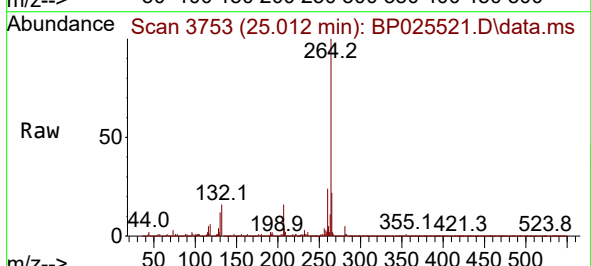
Tgt Ion:264 Resp: 1004402

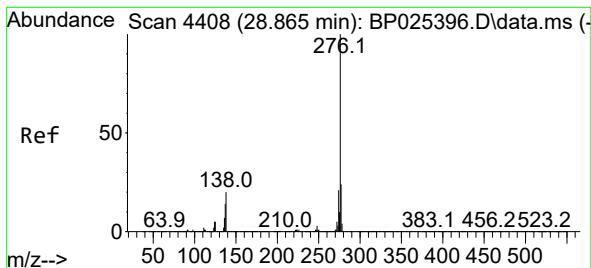
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.848 ng

RT: 28.847 min Scan# 4408

Delta R.T. -0.018 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

Instrument :

BNA_P

ClientSampleId :

38M-NMSD

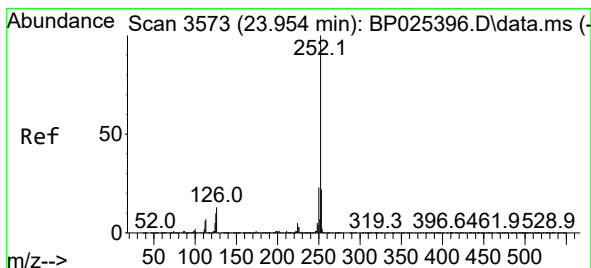
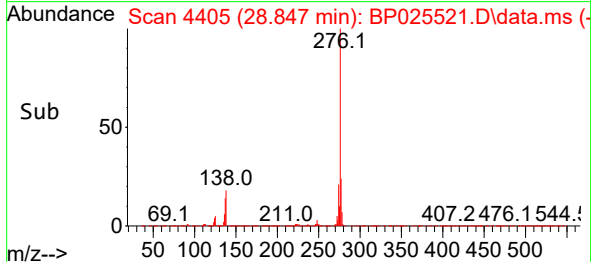
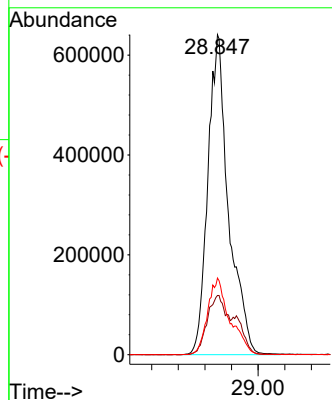
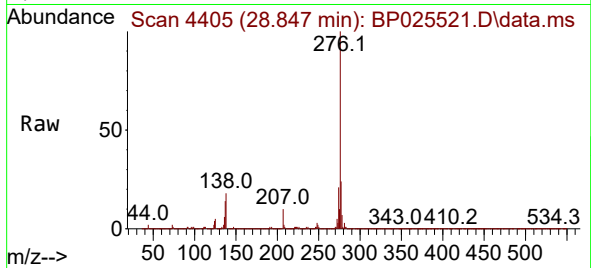
Tgt Ion:276 Resp: 3450790

Ion Ratio Lower Upper

276 100

138 17.9 12.9 19.3

277 25.6 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 50.411 ng

RT: 23.959 min Scan# 3574

Delta R.T. 0.006 min

Lab File: BP025521.D

Acq: 21 Aug 2025 00:35

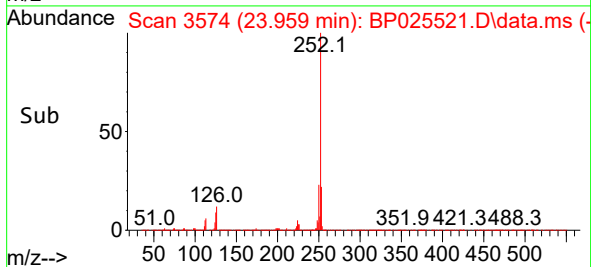
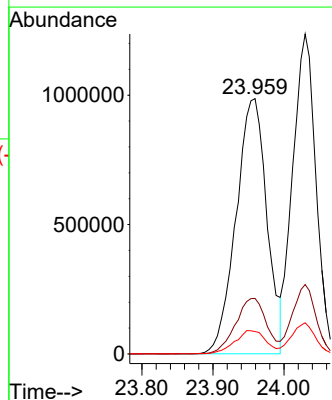
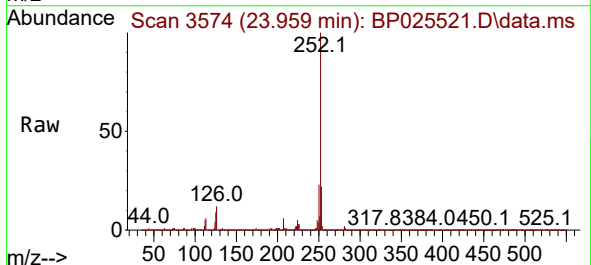
Tgt Ion:252 Resp: 2985647

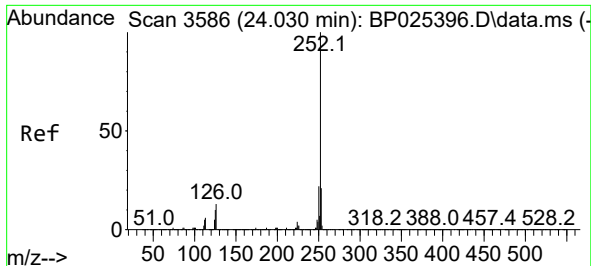
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.8 7.9 11.9

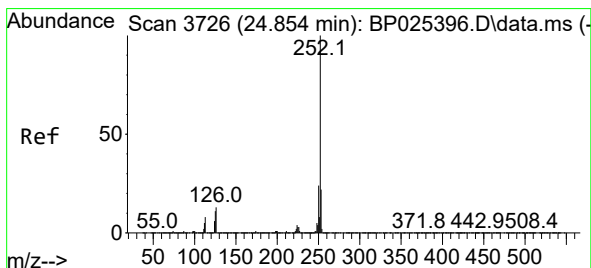
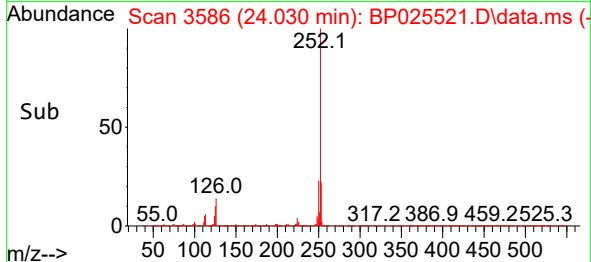
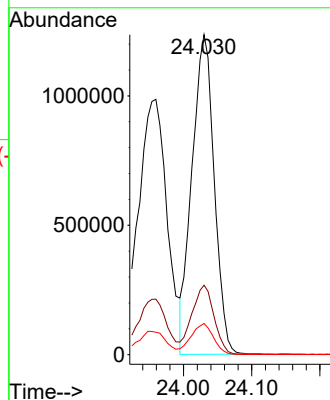
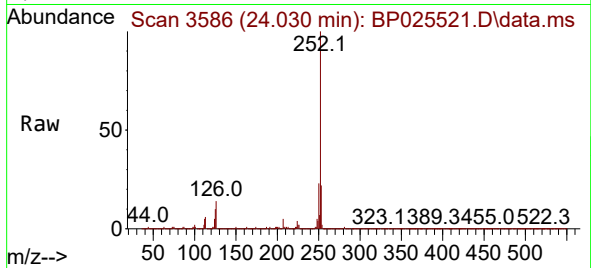




#89
Benzo(k)fluoranthene
Concen: 47.046 ng
RT: 24.030 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

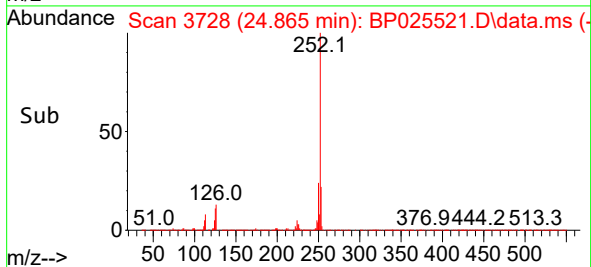
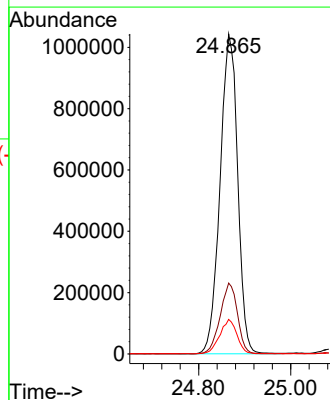
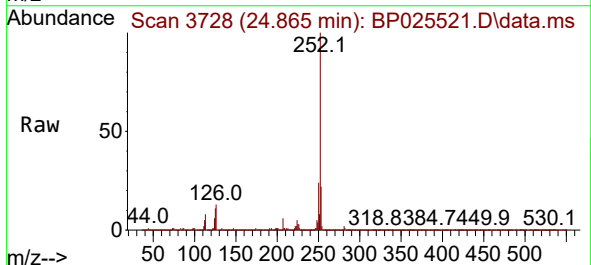
Instrument :
BNA_P
ClientSampleId :
38M-NMSD

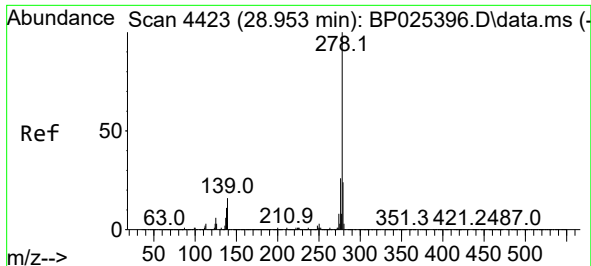
Tgt Ion:252 Resp: 2788266
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.8 7.8 11.6



#90
Benzo(a)pyrene
Concen: 47.856 ng
RT: 24.865 min Scan# 3728
Delta R.T. 0.012 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:252 Resp: 2759047
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.8 8.7 13.1

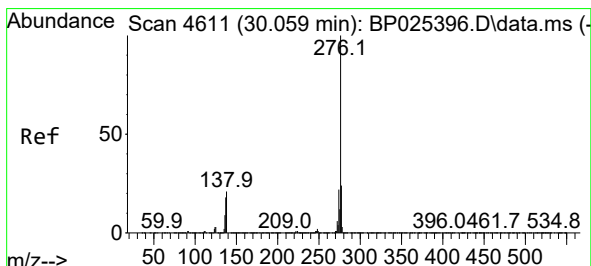
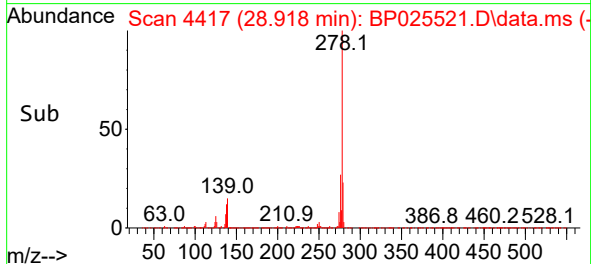
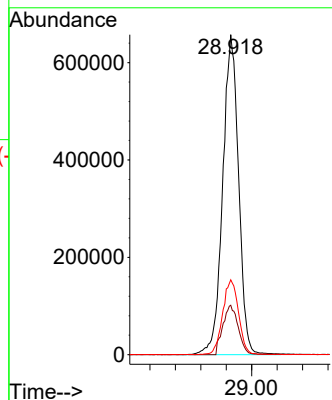
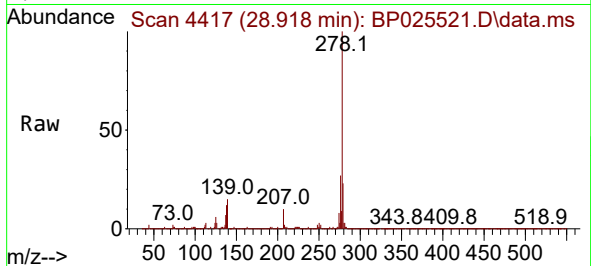




#91
Dibenzo(a,h)anthracene
Concen: 47.312 ng
RT: 28.918 min Scan# 4423
Delta R.T. -0.036 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Instrument :
BNA_P
ClientSampleId :
38M-NMSD

Tgt Ion:278 Resp: 2847919
Ion Ratio Lower Upper
278 100
139 15.5 13.0 19.4
279 23.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 27.659 ng
RT: 30.041 min Scan# 4608
Delta R.T. -0.018 min
Lab File: BP025521.D
Acq: 21 Aug 2025 00:35

Tgt Ion:276 Resp: 1636612
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 20.5 16.7 25.1

