

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025449.D
 Acq On : 16 Aug 2025 07:26
 Operator : CG/JU
 Sample : Q2832-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S01MS

Quant Time: Aug 18 01:41:57 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	7.790	152	164836	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	666618	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	437299	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	894593	20.000	ng	0.00
76) Chrysene-d12	21.636	240	925169	20.000	ng	-0.01
86) Perylene-d12	25.012	264	1055241	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1081598	108.969	ng	0.00
7) Phenol-d6	6.966	99	1323326	103.989	ng	0.00
23) Nitrobenzene-d5	8.931	82	966155	73.316	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	672760	114.297	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2149000	67.162	ng	0.00
79) Terphenyl-d14	19.919	244	3699534	73.160	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	97008	24.951	ng	# 53
3) Pyridine	3.737	79	206730	19.427	ng	94
4) n-Nitrosodimethylamine	3.637	42	144247	32.879	ng	92
6) Aniline	7.125	93	281793	16.435	ng	99
8) 2-Chlorophenol	7.366	128	398206	35.552	ng	99
9) Benzaldehyde	6.937	77	116924	13.114	ng	98
10) Phenol	6.996	94	457199	34.239	ng	96
11) bis(2-Chloroethyl)ether	7.219	93	343909	33.044	ng	98
12) 1,3-Dichlorobenzene	7.684	146	330957	26.797	ng	99
13) 1,4-Dichlorobenzene	7.825	146	336224	26.634	ng	98
14) 1,2-Dichlorobenzene	8.137	146	335974	27.494	ng	99
15) Benzyl Alcohol	8.025	79	380155	37.597	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.313	45	471338	33.806	ng	98
17) 2-Methylphenol	8.225	107	347618	37.483	ng	98
18) Hexachloroethane	8.860	117	123377	26.582	ng	97
19) n-Nitroso-di-n-propyla...	8.584	70	292037	34.646	ng	94
20) 3+4-Methylphenols	8.549	107	484739	37.708	ng	97
22) Acetophenone	8.601	105	592958	35.469	ng	# 98
24) Nitrobenzene	8.972	77	420207	35.679	ng	98
25) Isophorone	9.496	82	866135	37.139	ng	99
26) 2-Nitrophenol	9.678	139	211619	35.012	ng	98
27) 2,4-Dimethylphenol	9.737	122	421857	40.585	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	526459	37.344	ng	99
29) 2,4-Dichlorophenol	10.207	162	421682	40.839	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	371209	32.795	ng	97
31) Naphthalene	10.613	128	1180434	34.069	ng	100
32) Benzoic acid	9.848	122	150498	19.612	ng	98
33) 4-Chloroaniline	10.713	127	109156	7.132	ng	98
34) Hexachlorobutadiene	10.895	225	215704	30.599	ng	99
35) Caprolactam	11.490	113	142050	37.518	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	508938	42.954	ng	96
37) 2-Methylnaphthalene	12.213	142	832146	36.906	ng	99
38) 1-Methylnaphthalene	12.431	142	883807	36.858	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	472998	37.451	ng	99
41) Hexachlorocyclopentadiene	12.566	237	447911	58.713	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	363433	42.624	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	409062	43.775	ng	98
46) 1,1'-Biphenyl	13.225	154	1262533	39.753	ng	98
47) 2-Chloronaphthalene	13.266	162	968534	39.174	ng	100
48) 2-Nitroaniline	13.460	65	334660	46.454	ng	98
49) Acenaphthylene	14.119	152	1644219	40.190	ng	100
50) Dimethylphthalate	13.848	163	1362837	42.558	ng	100
51) 2,6-Dinitrotoluene	13.966	165	296891	43.987	ng	95
52) Acenaphthene	14.460	154	1027728	42.797	ng	99
53) 3-Nitroaniline	14.295	138	187036	24.630	ng	95
54) 2,4-Dinitrophenol	14.501	184	124090	34.427	ng	98
55) Dibenzofuran	14.801	168	1540998	40.588	ng	98
56) 4-Nitrophenol	14.619	139	520865	83.470	ng	93
57) 2,4-Dinitrotoluene	14.766	165	433554	45.022	ng	99
58) Fluorene	15.466	166	1208443	40.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	363324	44.033	ng	98
60) Diethylphthalate	15.231	149	1374758	42.250	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	588951	39.528	ng	94
62) 4-Nitroaniline	15.478	138	310960	39.944	ng	92
63) Azobenzene	15.760	77	1251718	44.926	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	128630	23.067	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1151971	42.228	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	400184	40.674	ng	92
68) Hexachlorobenzene	16.489	284	466210	40.877	ng	97
69) Atrazine	16.648	200	399471	39.101	ng	98
70) Pentachlorophenol	16.842	266	522934	72.634	ng	98
71) Phenanthrene	17.242	178	2066337	42.048	ng	99
72) Anthracene	17.336	178	2129148	42.426	ng	99
73) Carbazole	17.613	167	2011095	42.545	ng	99
74) Di-n-butylphthalate	18.207	149	2512101	43.195	ng	100
75) Fluoranthene	19.319	202	2501162	42.668	ng	99
77) Benzidine	19.513	184	347788	11.015	ng	99
78) Pyrene	19.695	202	2593116	43.123	ng	100
80) Butylbenzylphthalate	20.648	149	1185643	43.505	ng	99
81) Benzo(a)anthracene	21.618	228	2564265	42.027	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	676694	29.424	ng	99
83) Chrysene	21.689	228	2440850	42.717	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1707026	42.550	ng	99
85) Di-n-octyl phthalate	22.848	149	2973906	43.097	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3326865	42.990	ng	93
88) Benzo(b)fluoranthene	23.936	252	2691417	43.253	ng	100
89) Benzo(k)fluoranthene	24.012	252	2652463	42.598	ng	99
90) Benzo(a)pyrene	24.854	252	2592886	42.808	ng	100
91) Dibenzo(a,h)anthracene	28.912	278	2726506	43.113	ng	99
92) Benzo(g,h,i)perylene	30.012	276	2678181	43.082	ng	99

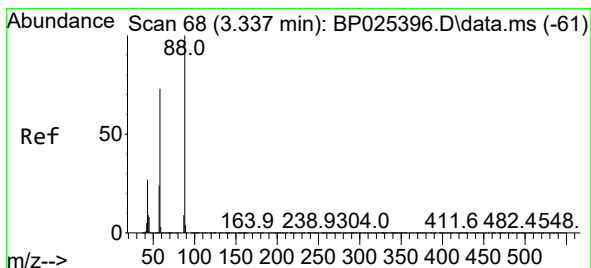
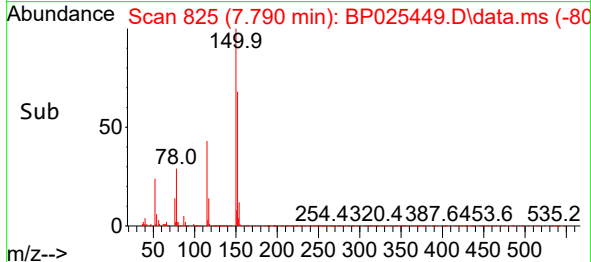
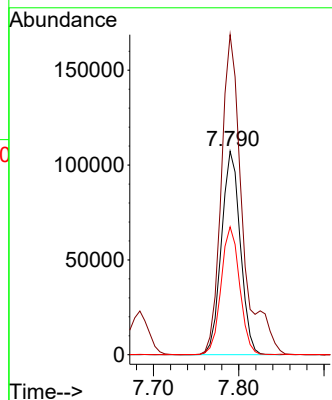
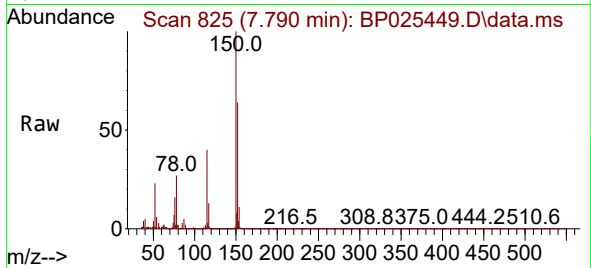
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025449.D
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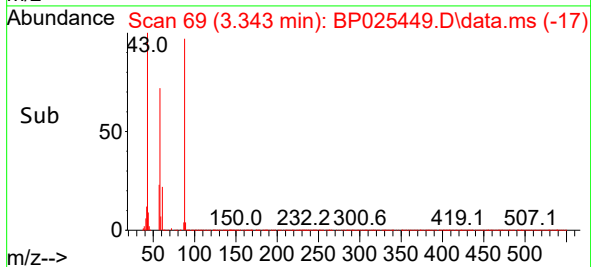
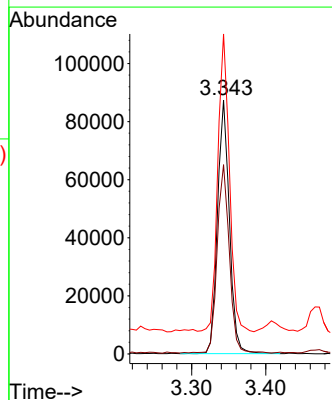
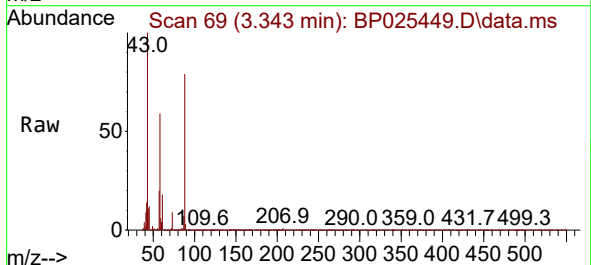
Instrument :
 BNA_P
 ClientSampleId :
 TG-S01MS

Tgt Ion:152 Resp: 164836
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.9 188.9
 115 62.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 24.951 ng
 RT: 3.343 min Scan# 69
 Delta R.T. 0.006 min
 Lab File: BP025449.D
 Acq: 16 Aug 2025 07:26

Tgt Ion: 88 Resp: 97008
 Ion Ratio Lower Upper
 88 100
 58 76.2 59.2 88.8
 43 114.2 21.7 32.5#

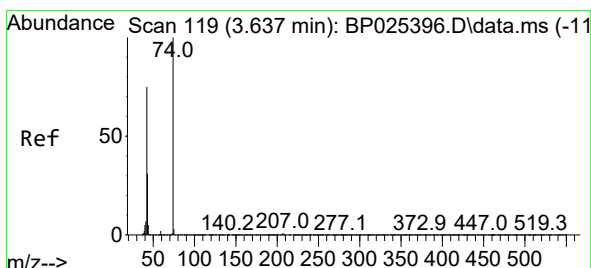
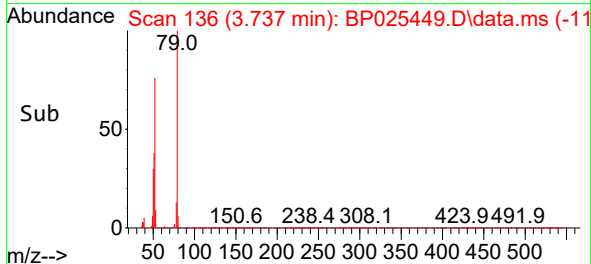
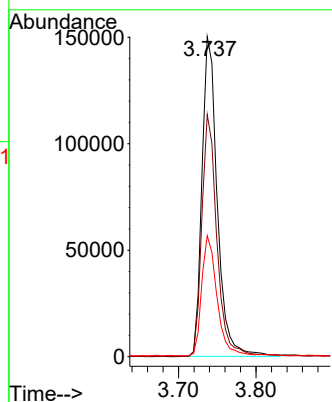
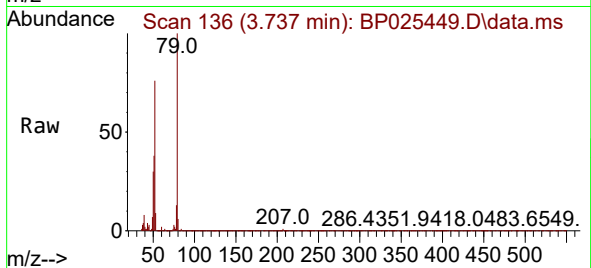




#3
 Pyridine
 Concen: 19.427 ng
 RT: 3.737 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP025449.D
 Acq: 16 Aug 2025 07:26

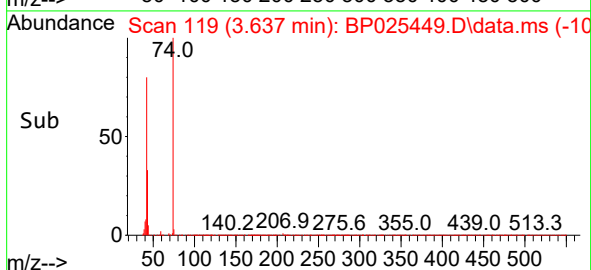
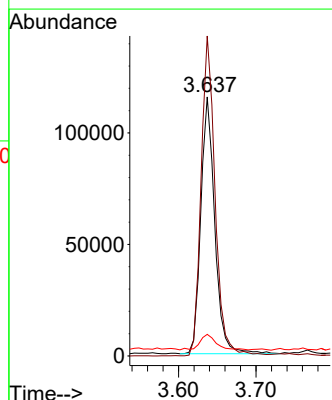
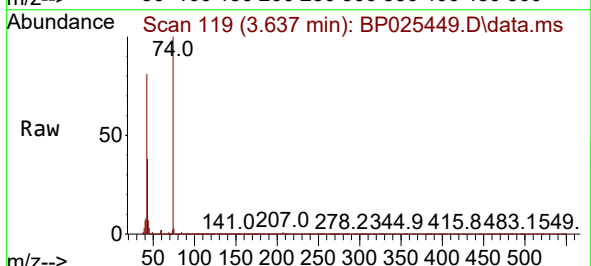
Instrument :
 BNA_P
 ClientSampleId :
 TG-S01MS

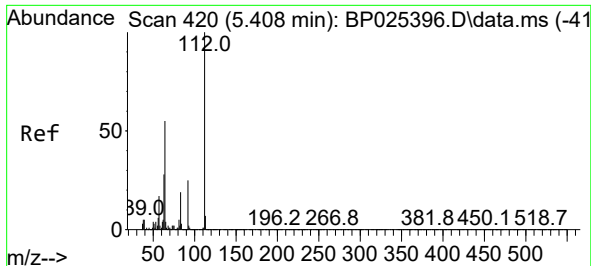
Tgt Ion: 79 Resp: 206730
 Ion Ratio Lower Upper
 79 100
 52 75.7 55.5 83.3
 51 37.8 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 32.879 ng
 RT: 3.637 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: BP025449.D
 Acq: 16 Aug 2025 07:26

Tgt Ion: 42 Resp: 144247
 Ion Ratio Lower Upper
 42 100
 74 123.5 107.0 160.4
 44 8.3 6.2 9.4

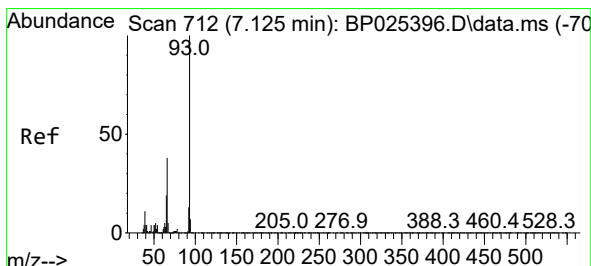
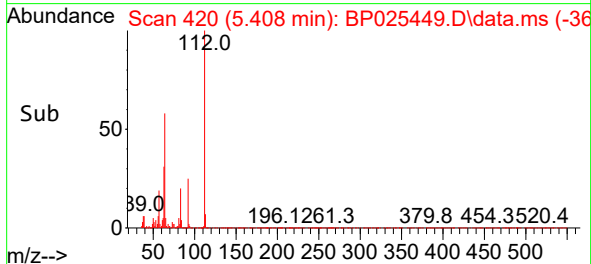
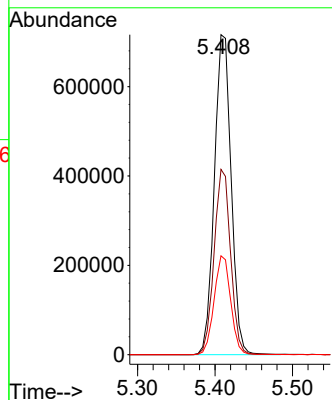
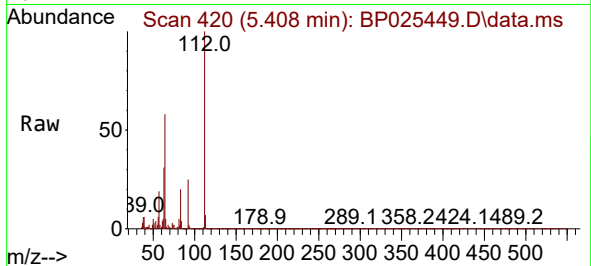




#5
2-Fluorophenol
Concen: 108.969 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

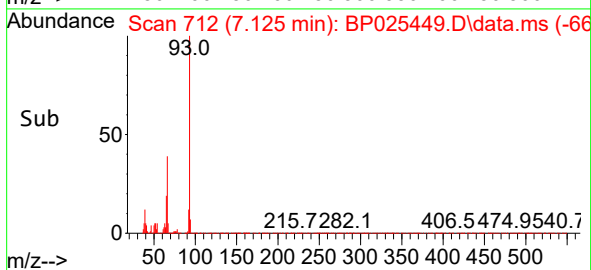
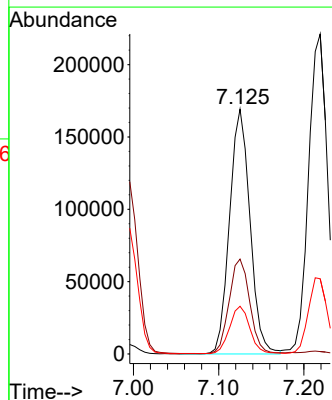
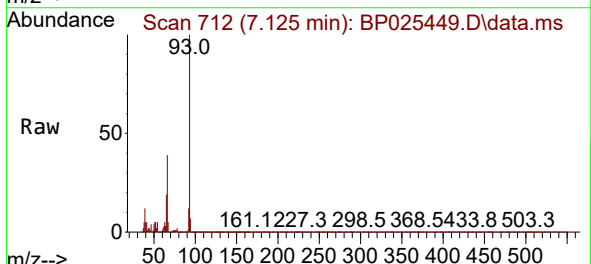
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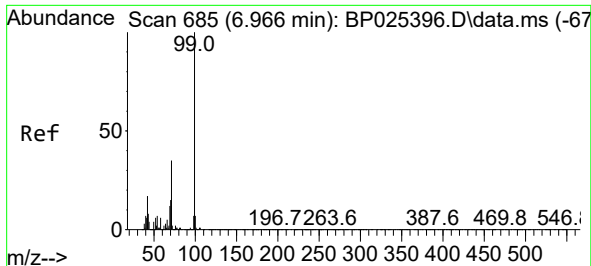
Tgt Ion:112 Resp: 1081598
Ion Ratio Lower Upper
112 100
64 57.9 43.8 65.8
63 30.9 22.7 34.1



#6
Aniline
Concen: 16.435 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion: 93 Resp: 281793
Ion Ratio Lower Upper
93 100
66 38.8 30.4 45.6
65 19.5 15.3 22.9





#7

Phenol-d6

Concen: 103.989 ng

RT: 6.966 min Scan# 685

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

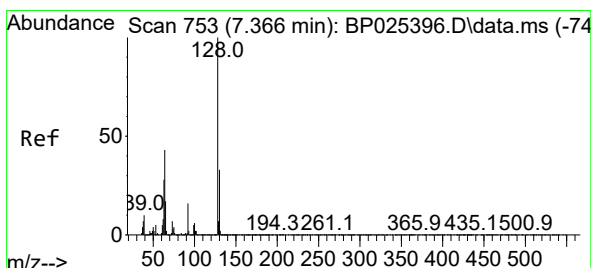
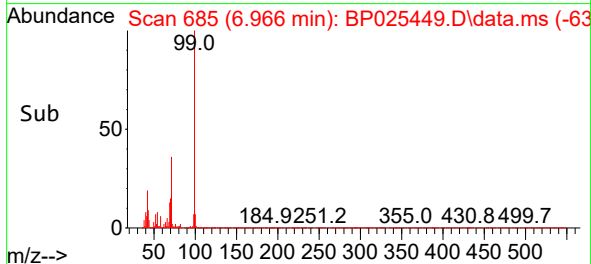
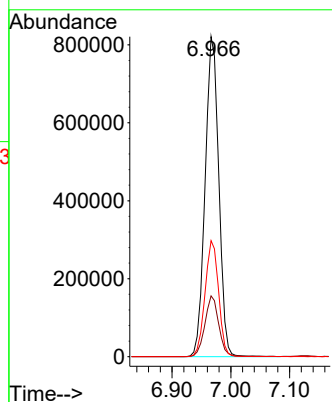
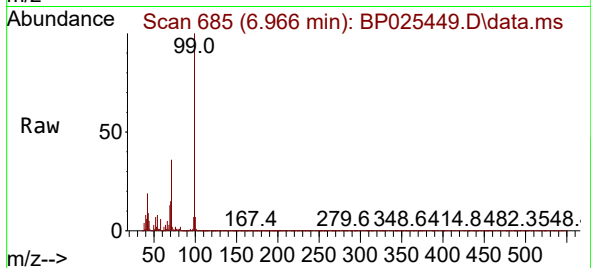
BNA_P

ClientSampleId :

TG-S01MS

Tgt Ion: 99 Resp: 1323326

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.7	20.5
71	36.2	28.2	42.4



#8

2-Chlorophenol

Concen: 35.552 ng

RT: 7.366 min Scan# 753

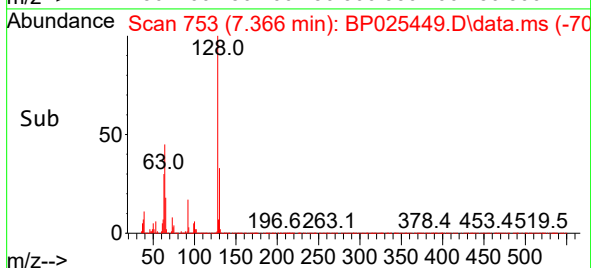
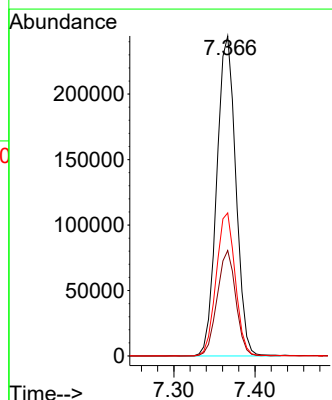
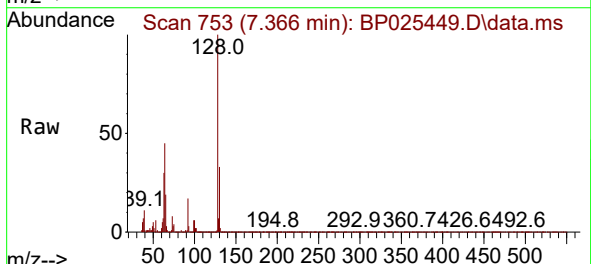
Delta R.T. -0.000 min

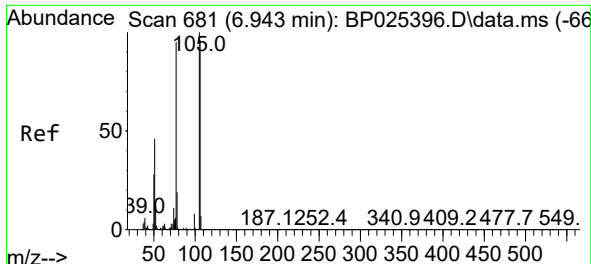
Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Tgt Ion:128 Resp: 398206

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	44.7	23.4	63.4

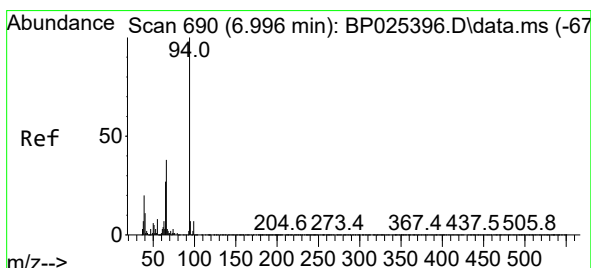
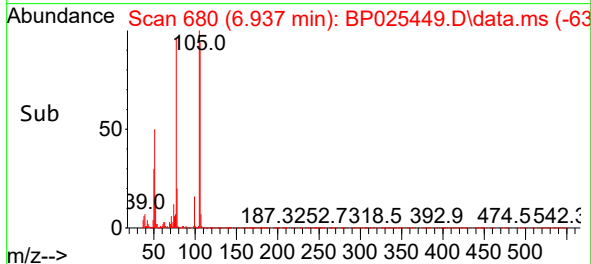
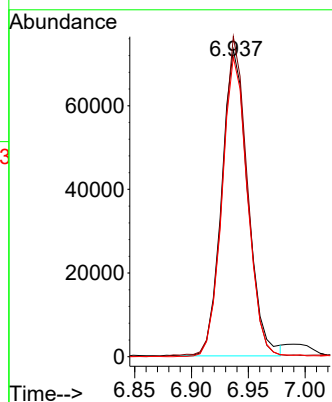
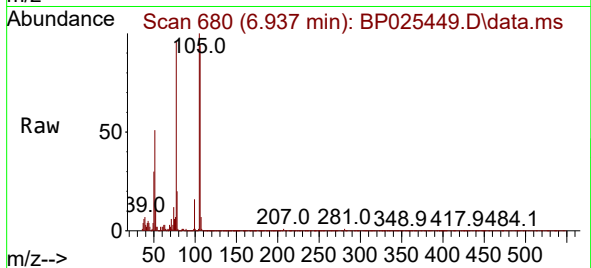




#9
Benzaldehyde
Concen: 13.114 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

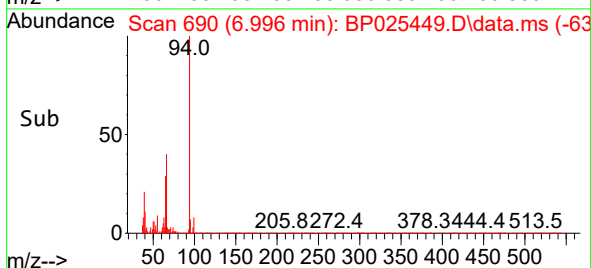
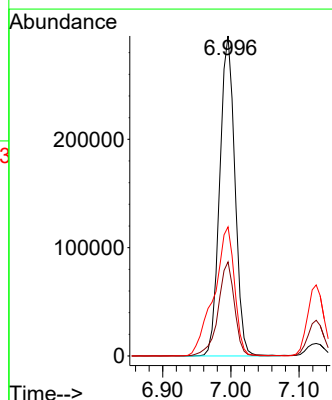
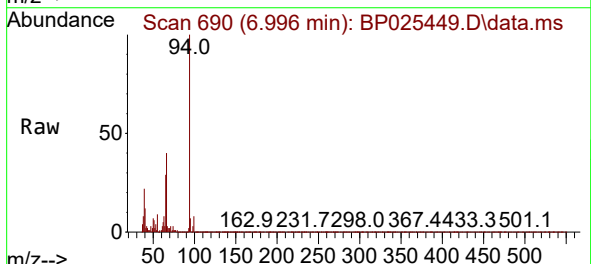
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

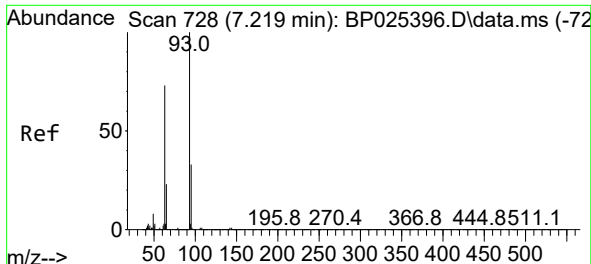
Tgt Ion: 77 Resp: 116924
Ion Ratio Lower Upper
77 100
105 104.2 84.8 124.8
106 97.6 80.5 120.5



#10
Phenol
Concen: 34.239 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion: 94 Resp: 457199
Ion Ratio Lower Upper
94 100
65 29.4 6.8 46.8
66 40.3 18.2 58.2

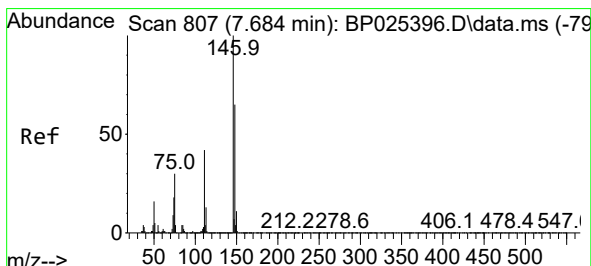
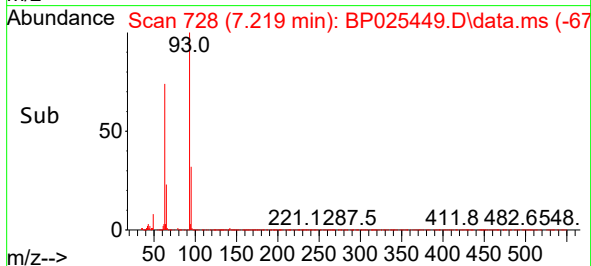
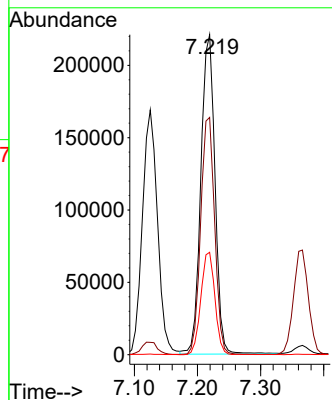
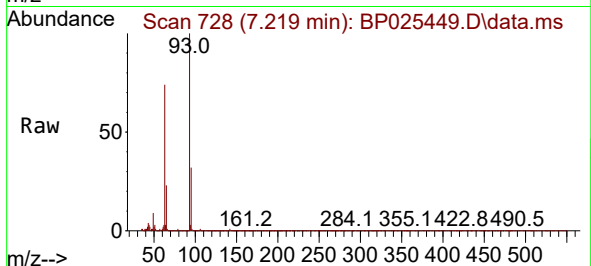




#11
bis(2-Chloroethyl)ether
Concen: 33.044 ng
RT: 7.219 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

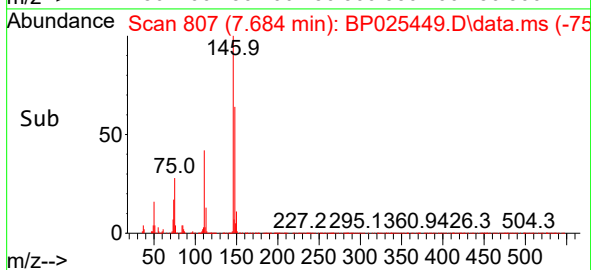
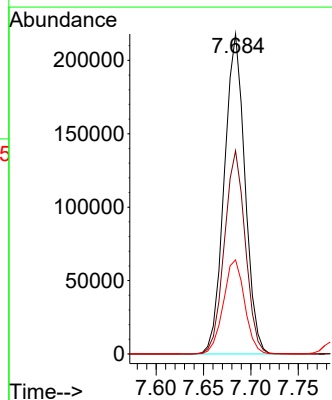
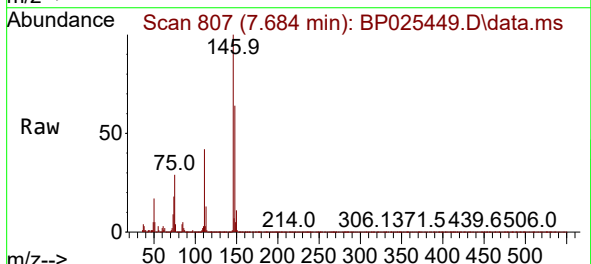
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

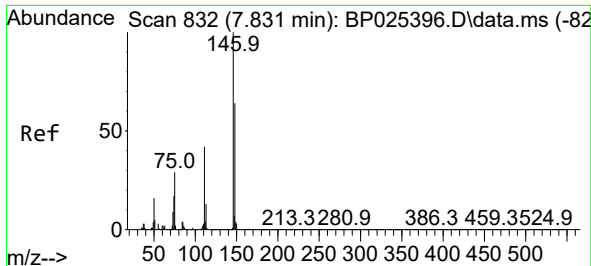
Tgt Ion: 93 Resp: 343909
Ion Ratio Lower Upper
93 100
63 74.2 52.6 92.6
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 26.797 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion: 146 Resp: 330957
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 29.4 23.7 35.5

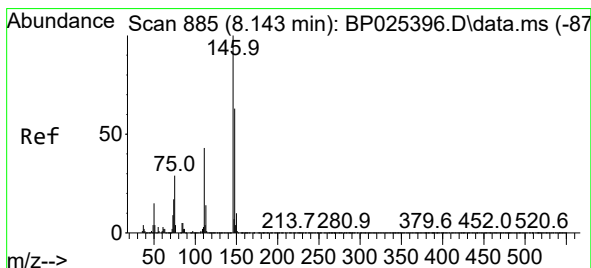
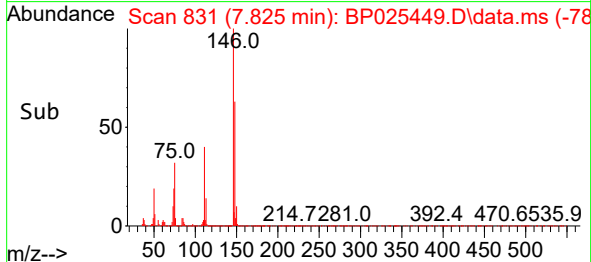
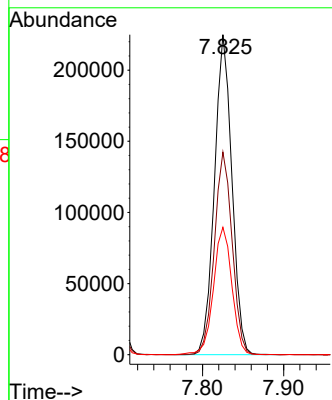
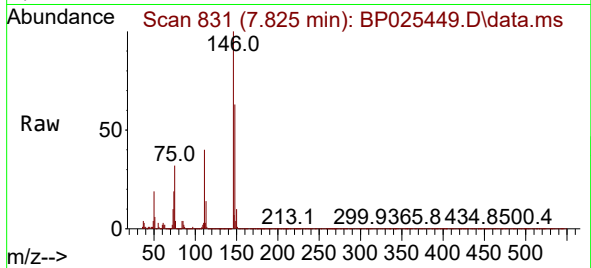




#13
1,4-Dichlorobenzene
Concen: 26.634 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

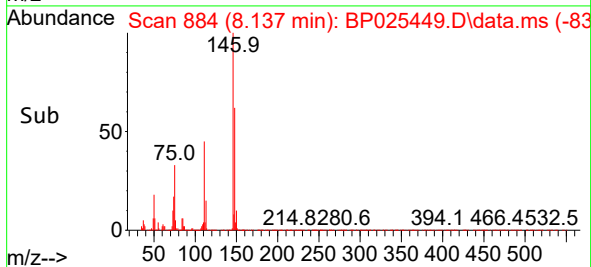
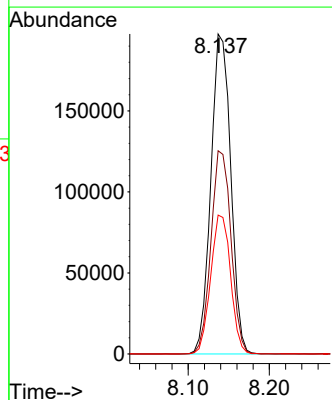
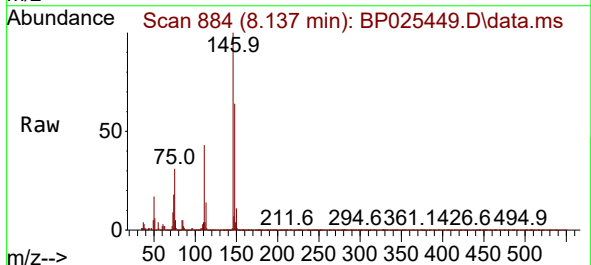
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

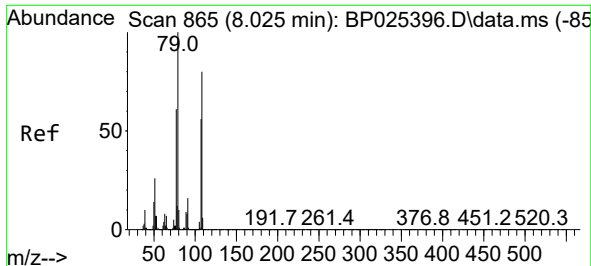
Tgt Ion:146 Resp: 336224
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 39.8 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 27.494 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:146 Resp: 335974
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 43.4 34.5 51.7

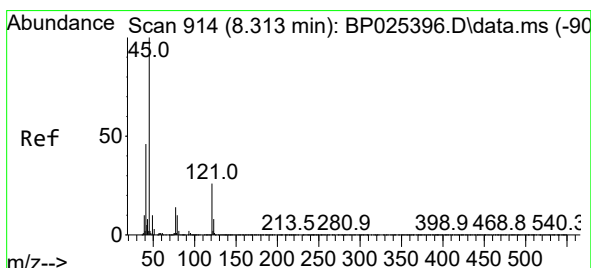
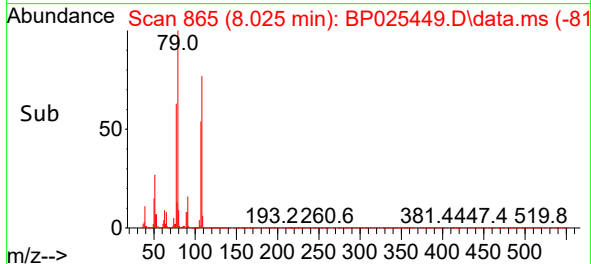
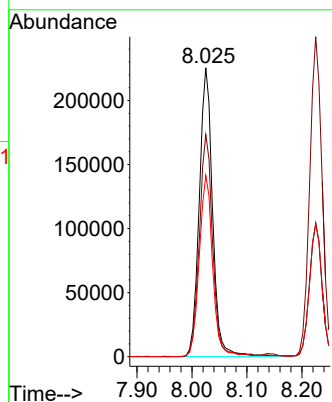
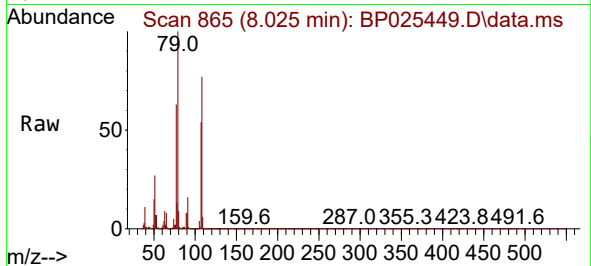




#15
Benzyl Alcohol
Concen: 37.597 ng
RT: 8.025 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

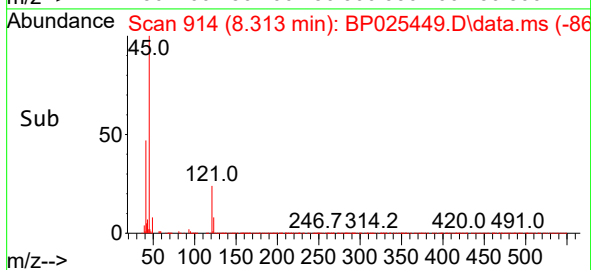
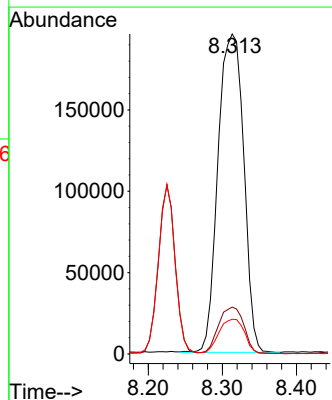
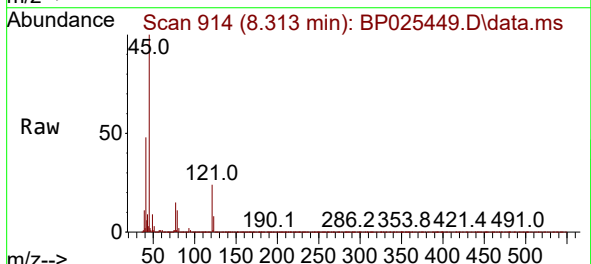
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

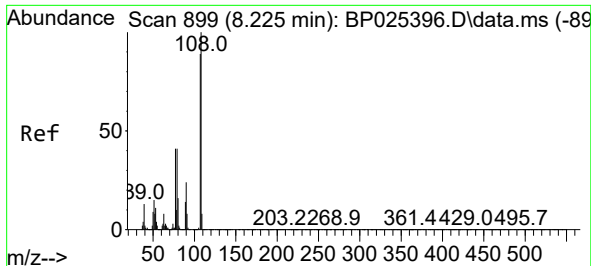
Tgt Ion: 79 Resp: 380155
Ion Ratio Lower Upper
79 100
108 76.9 63.8 95.6
77 62.8 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.806 ng
RT: 8.313 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion: 45 Resp: 471338
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.3
79 10.9 0.0 31.8

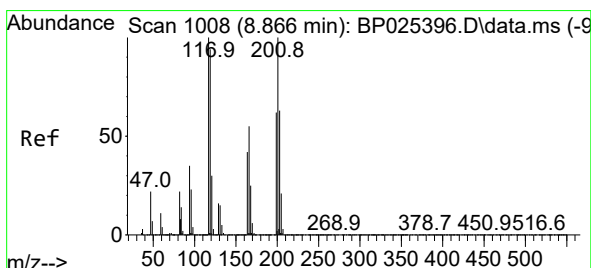
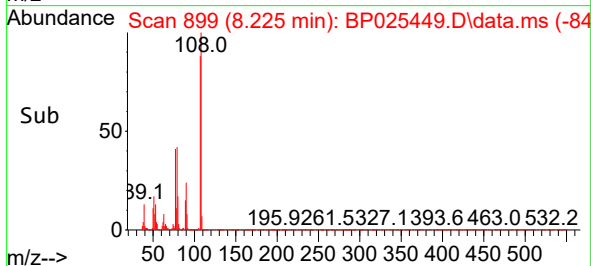
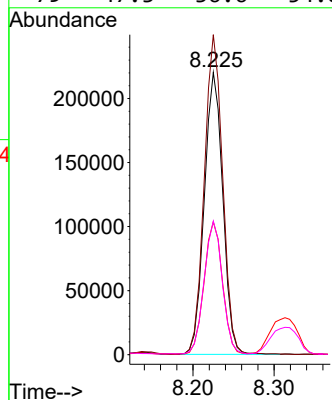
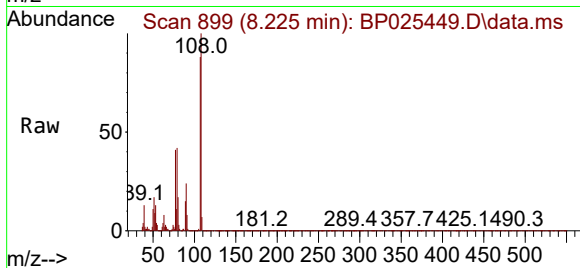




#17
2-Methylphenol
Concen: 37.483 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

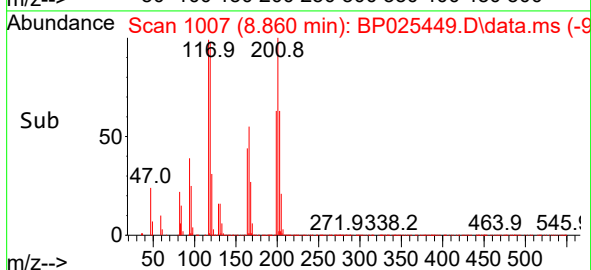
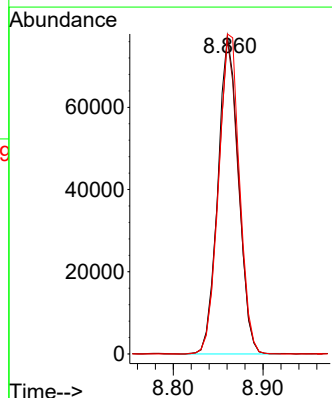
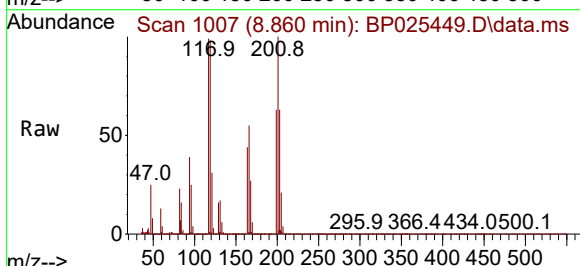
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

Tgt Ion:	107	Resp:	347618
Ion	Ratio	Lower	Upper
107	100		
108	113.4	89.4	134.0
77	47.0	36.3	54.5
79	47.3	36.6	54.8



#18
Hexachloroethane
Concen: 26.582 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:	117	Resp:	123377
Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.1	112.7
201	100.6	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 34.646 ng

RT: 8.584 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

Tgt Ion: 70 Resp: 292037

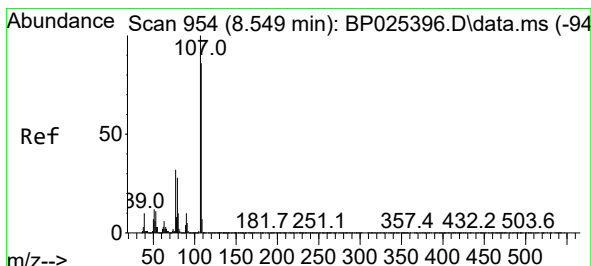
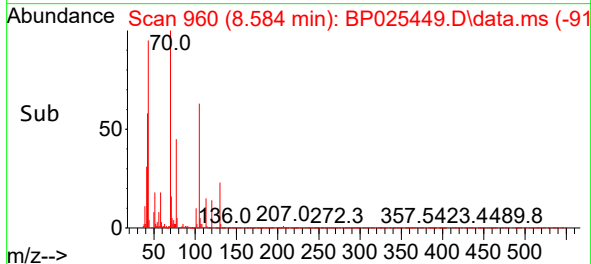
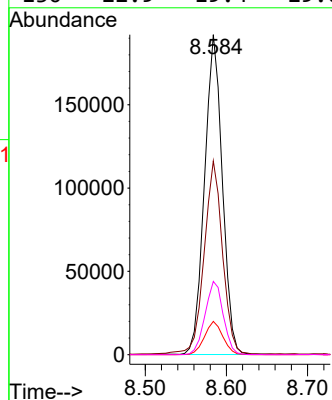
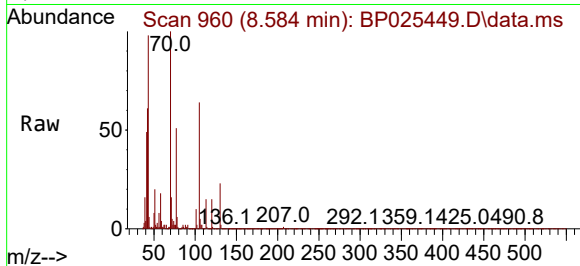
Ion Ratio Lower Upper

70 100

42 60.6 43.8 65.6

101 10.4 8.5 12.7

130 22.9 19.4 29.0



#20

3+4-Methylphenols

Concen: 37.708 ng

RT: 8.549 min Scan# 954

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Tgt Ion: 107 Resp: 484739

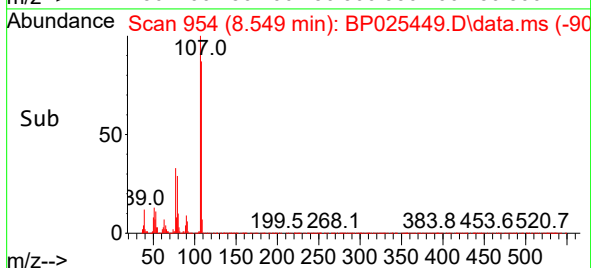
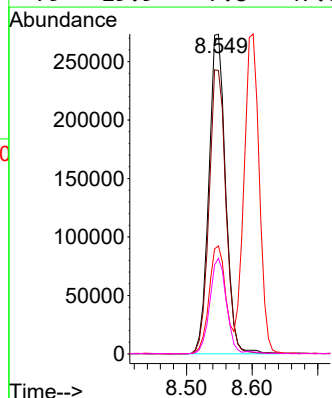
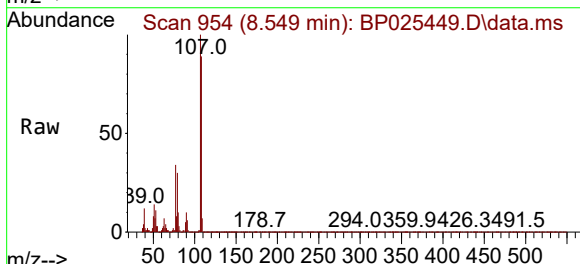
Ion Ratio Lower Upper

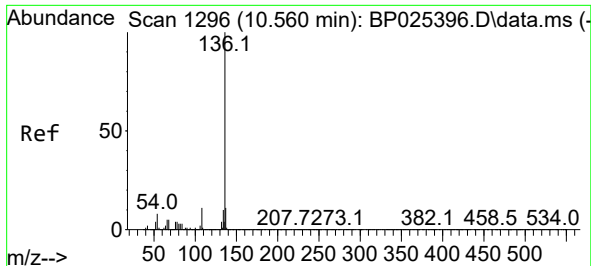
107 100

108 88.7 66.3 106.3

77 33.8 12.3 52.3

79 29.9 7.8 47.8

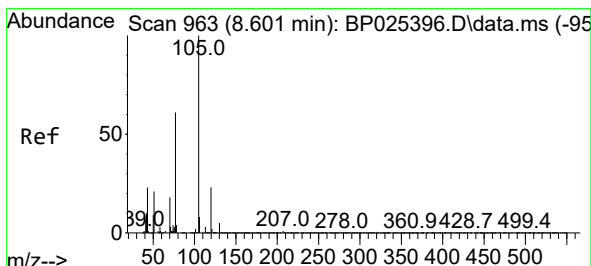
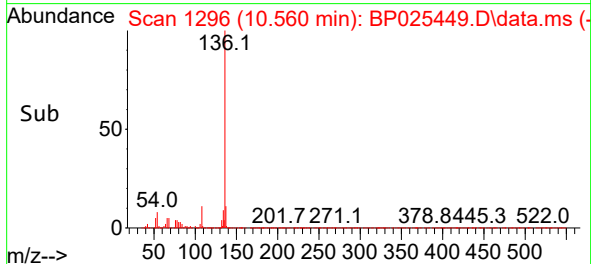
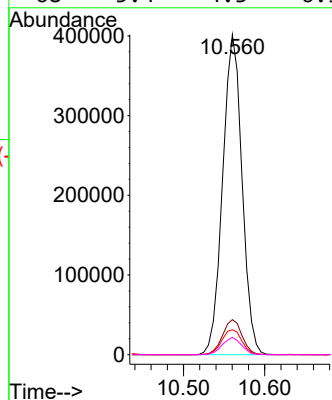
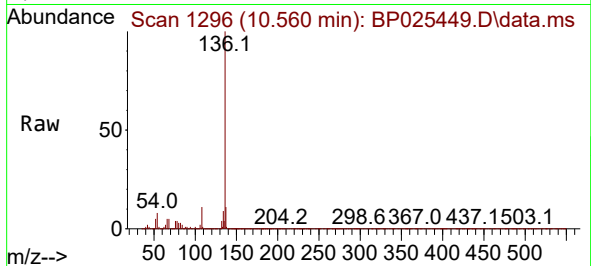




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

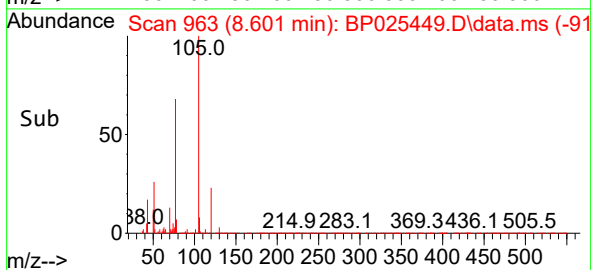
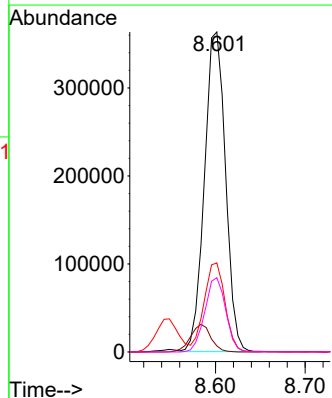
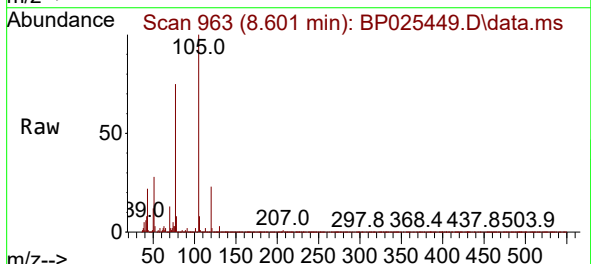
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

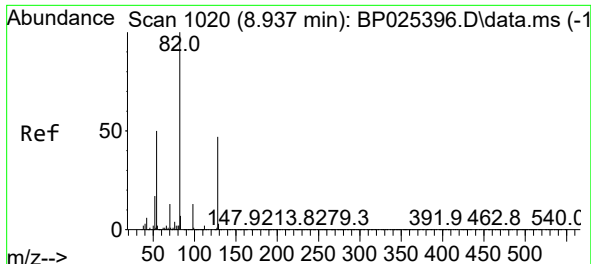
Tgt Ion:	136	Resp:	666618
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	7.8	6.0	9.0
68	5.4	4.3	6.5



#22
Acetophenone
Concen: 35.469 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:	105	Resp:	592958
Ion Ratio	Lower	Upper	
105	100		
71	1.9	2.6	4.0#
51	27.8	20.6	30.8
120	23.2	18.6	27.8





#23

Nitrobenzene-d5

Concen: 73.316 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

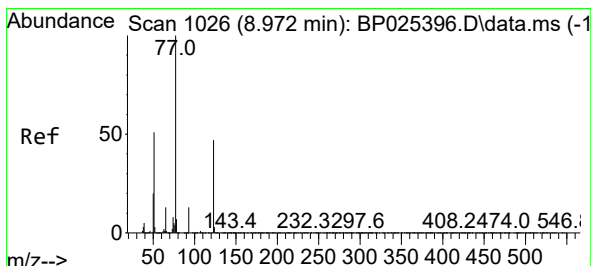
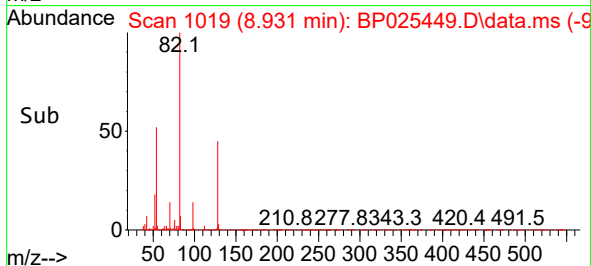
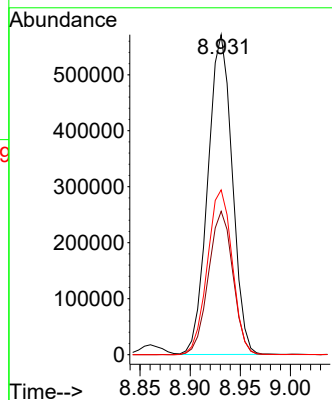
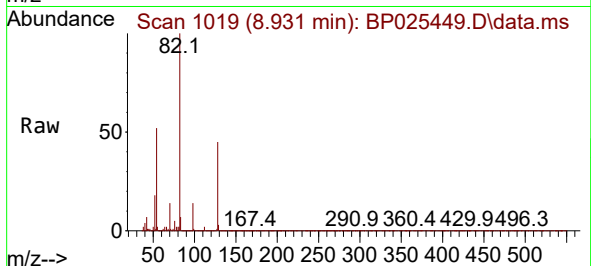
Tgt Ion: 82 Resp: 966155

Ion Ratio Lower Upper

82 100

128 44.8 37.7 56.5

54 51.5 39.8 59.6



#24

Nitrobenzene

Concen: 35.679 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

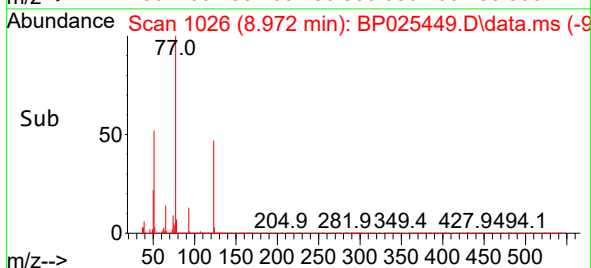
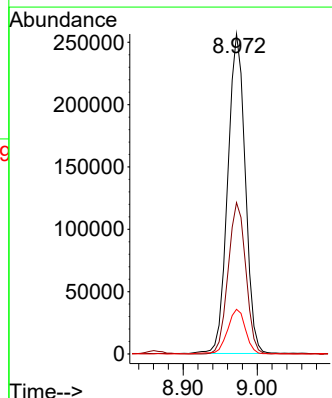
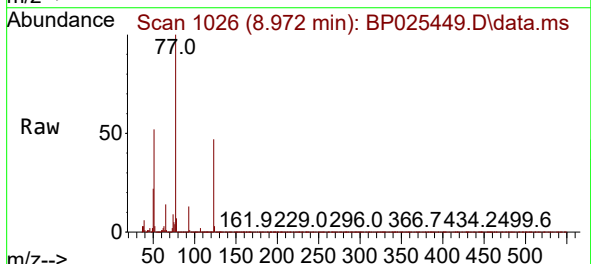
Tgt Ion: 77 Resp: 420207

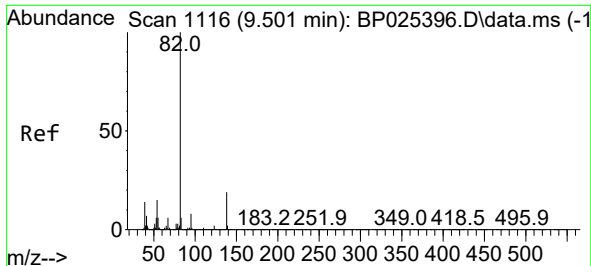
Ion Ratio Lower Upper

77 100

123 47.3 38.6 58.0

65 14.0 10.6 15.8

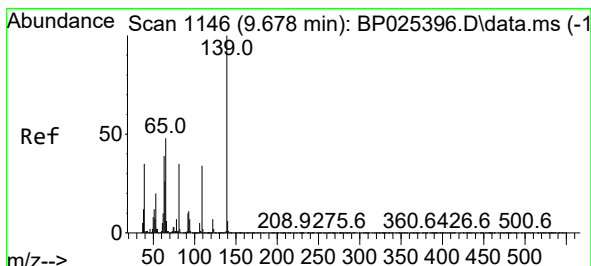
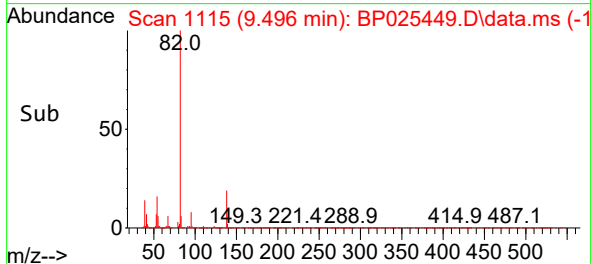
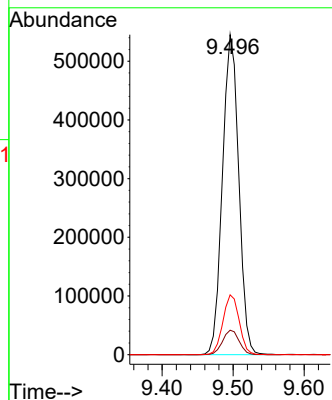
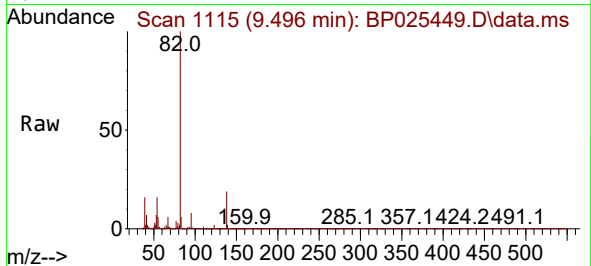




#25
Isophorone
Concen: 37.139 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

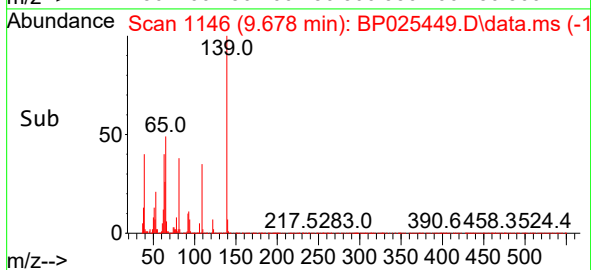
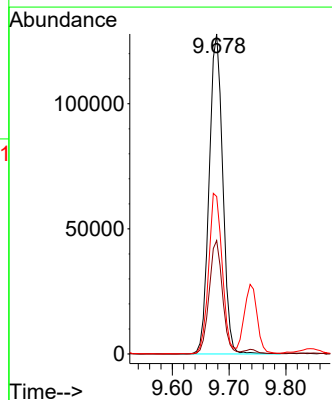
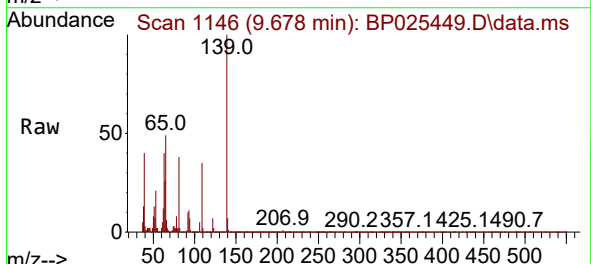
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

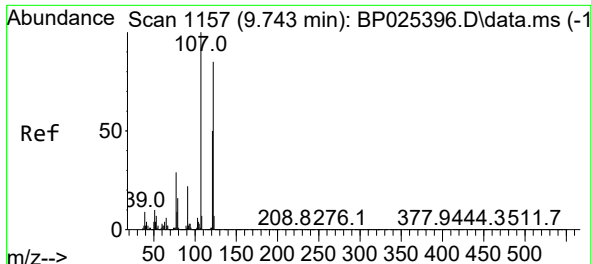
Tgt Ion: 82 Resp: 866135
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.7 15.4 23.0



#26
2-Nitrophenol
Concen: 35.012 ng
RT: 9.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:139 Resp: 211619
Ion Ratio Lower Upper
139 100
109 35.5 26.9 40.3
65 49.2 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.585 ng

RT: 9.737 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

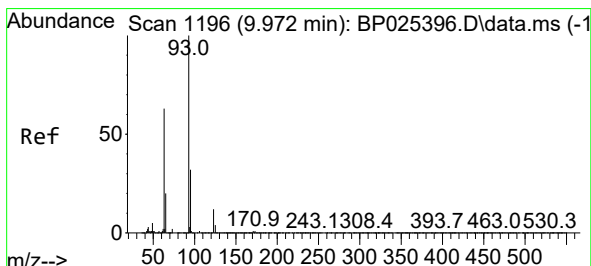
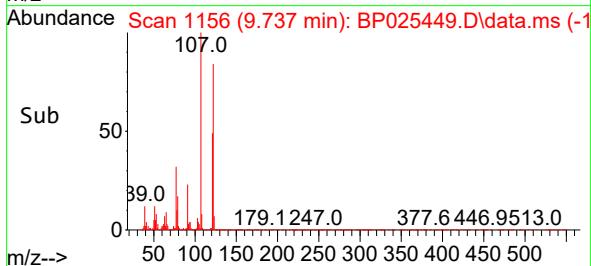
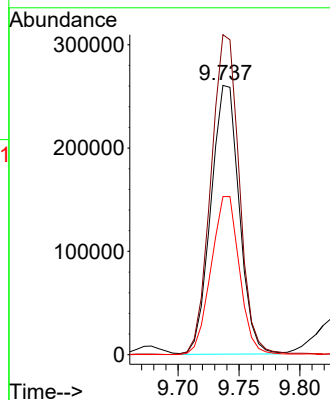
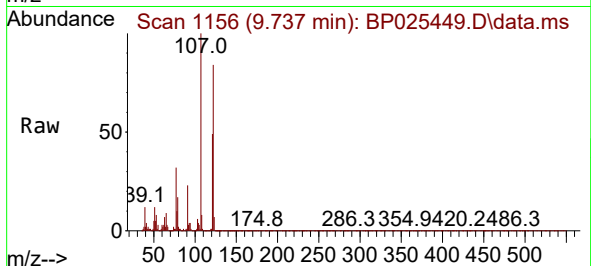
Tgt Ion:122 Resp: 421857

Ion Ratio Lower Upper

122 100

107 118.8 93.7 140.5

121 58.7 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.344 ng

RT: 9.972 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

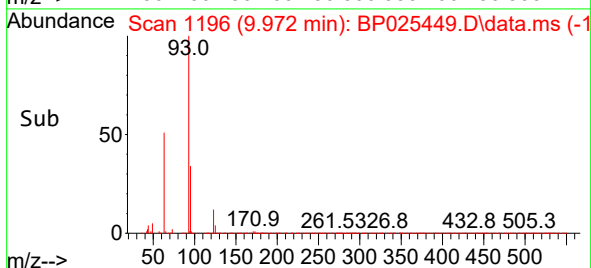
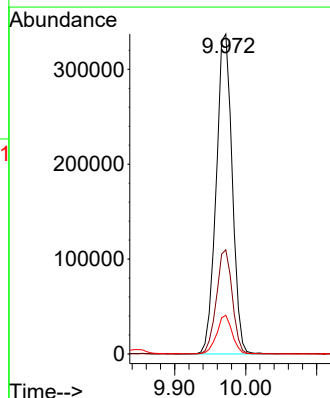
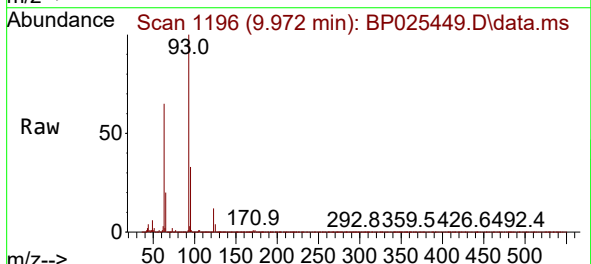
Tgt Ion: 93 Resp: 526459

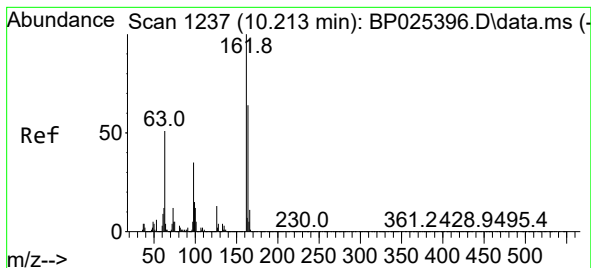
Ion Ratio Lower Upper

93 100

95 32.6 25.4 38.0

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.839 ng

RT: 10.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

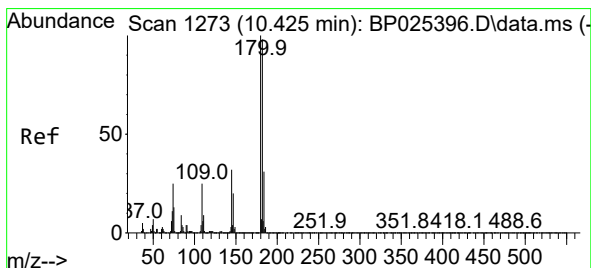
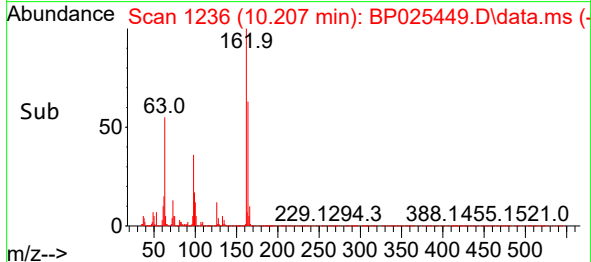
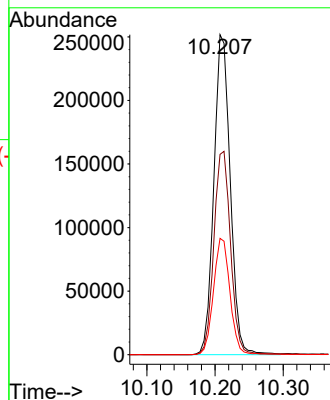
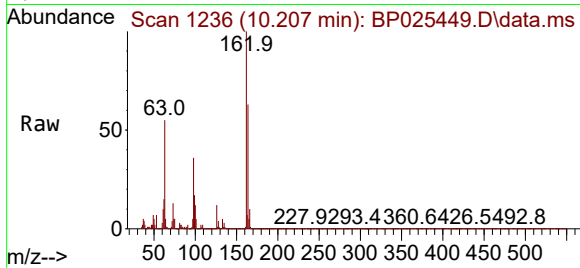
Tgt Ion:162 Resp: 421682

Ion Ratio Lower Upper

162 100

164 62.6 44.4 84.4

98 36.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 32.795 ng

RT: 10.425 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

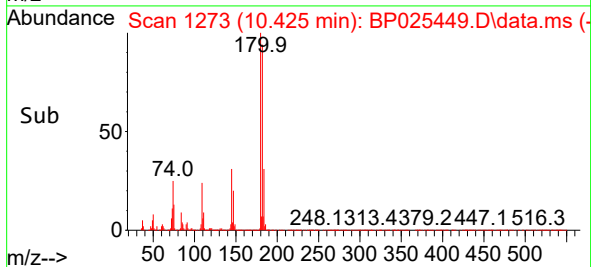
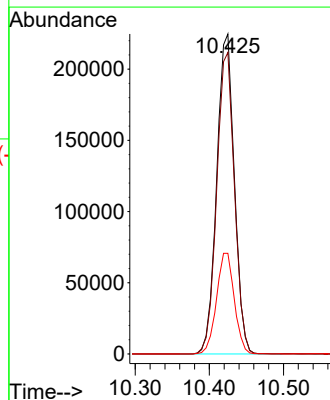
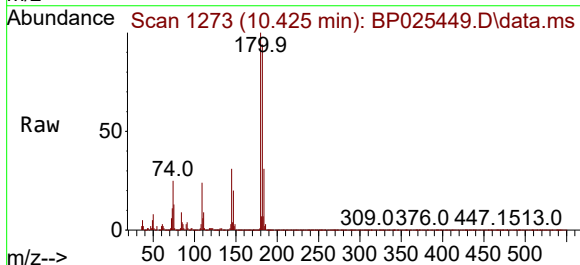
Tgt Ion:180 Resp: 371209

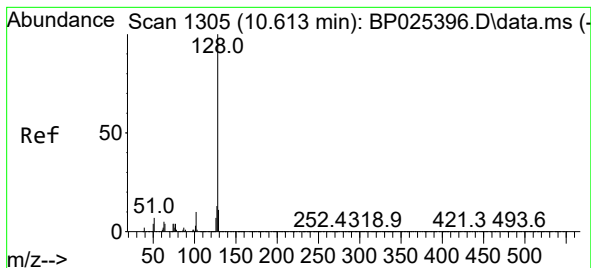
Ion Ratio Lower Upper

180 100

182 94.2 78.0 117.0

145 31.4 25.9 38.9





#31

Naphthalene

Concen: 34.069 ng

RT: 10.613 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

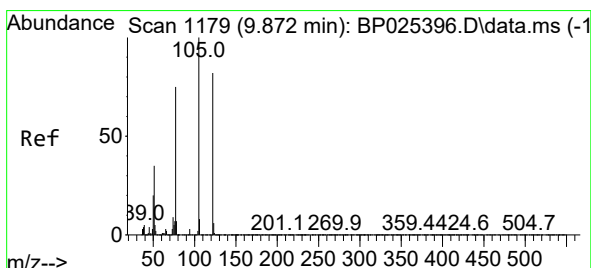
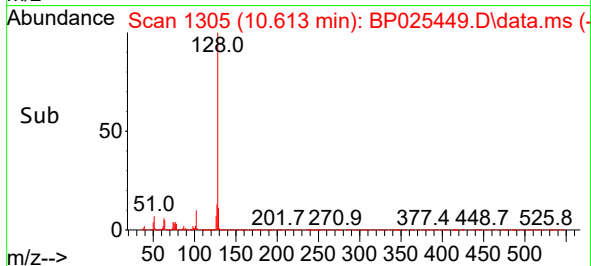
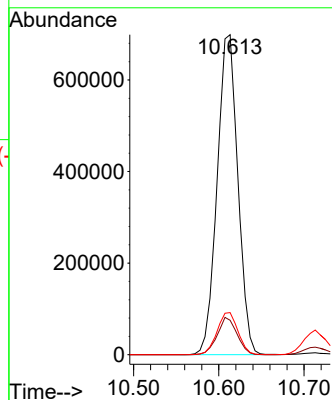
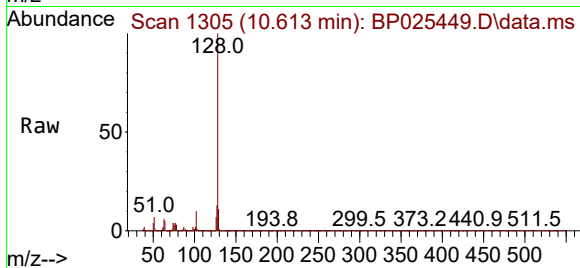
Tgt Ion:128 Resp: 1180434

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 19.612 ng

RT: 9.848 min Scan# 1175

Delta R.T. -0.024 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

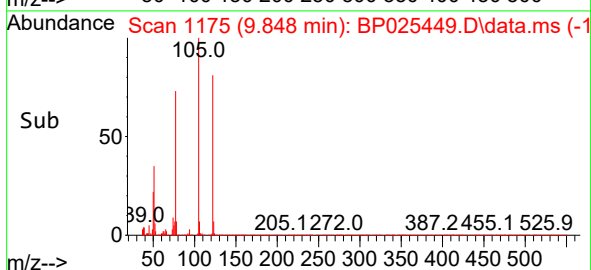
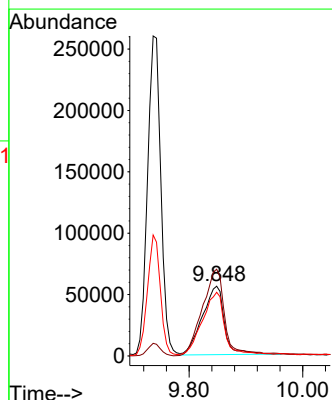
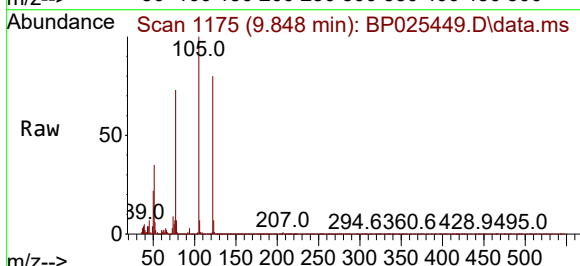
Tgt Ion:122 Resp: 150498

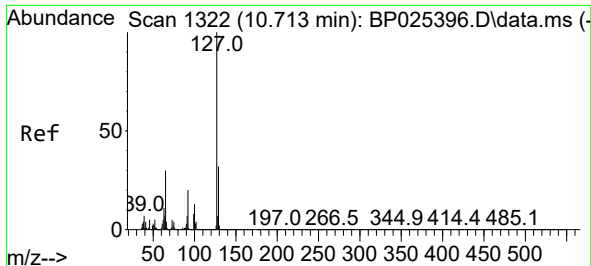
Ion Ratio Lower Upper

122 100

105 124.3 100.6 140.6

77 91.3 71.5 111.5

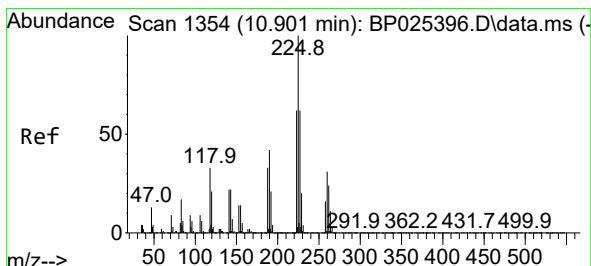
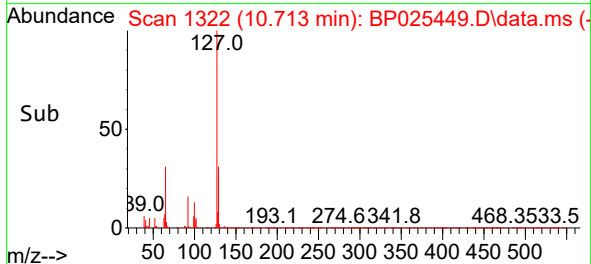
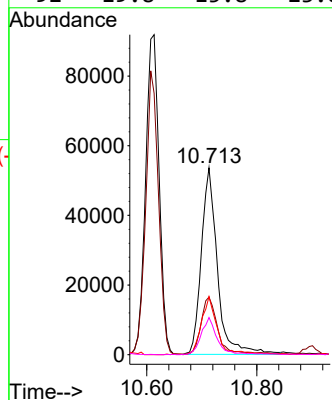
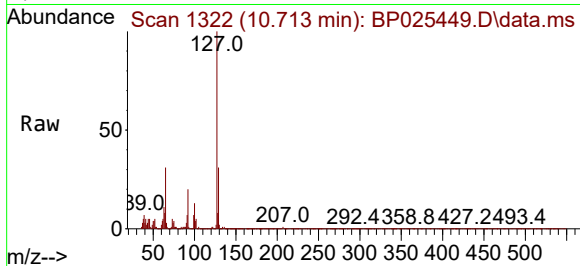




#33
4-Chloroaniline
Concen: 7.132 ng
RT: 10.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

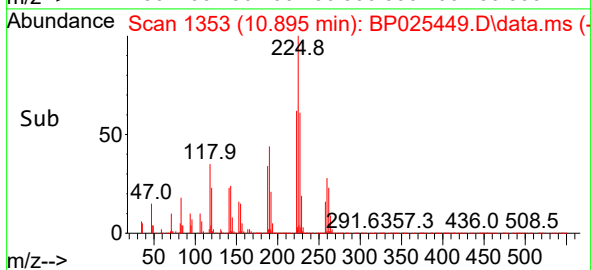
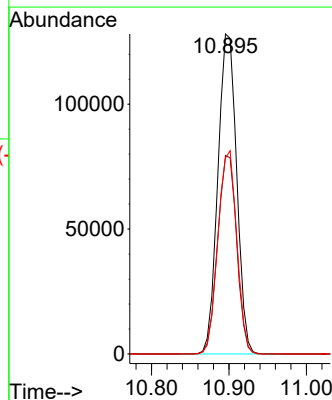
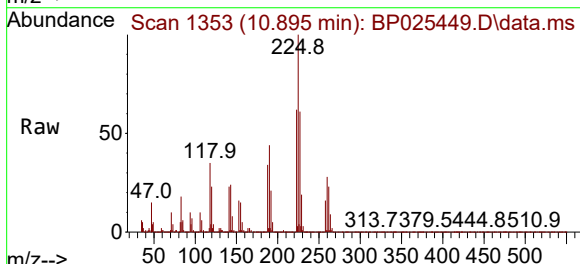
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

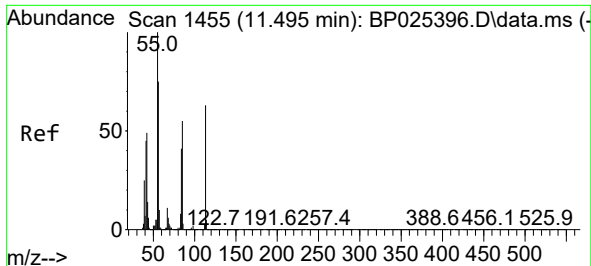
Tgt Ion:	127	Resp:	109156
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.4	38.2
65	31.1	23.8	35.6
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 30.599 ng
RT: 10.895 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:	225	Resp:	215704
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	61.3	49.7	74.5

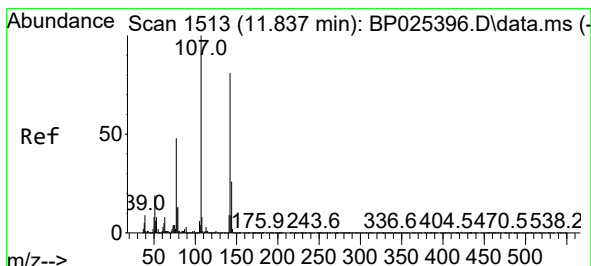
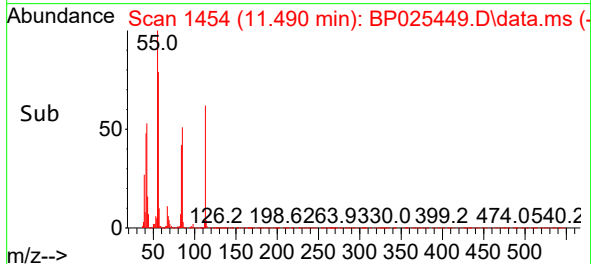
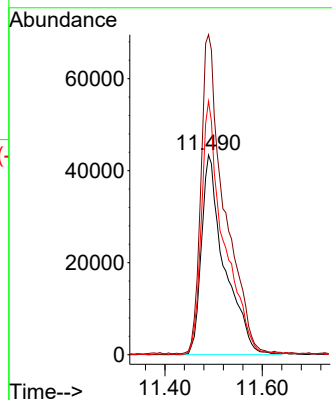
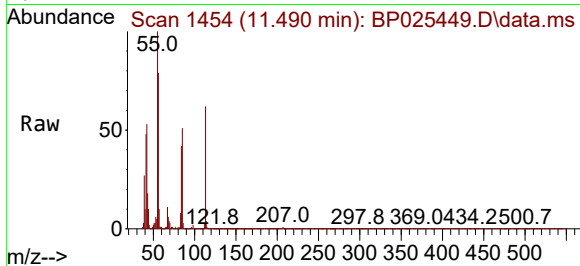




#35
Caprolactam
Concen: 37.518 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

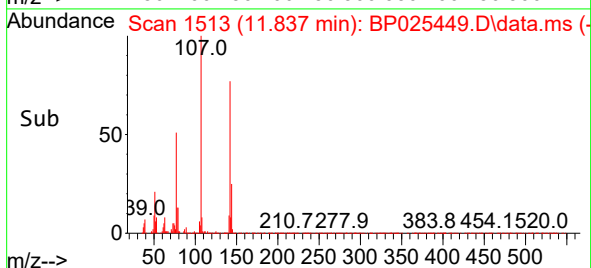
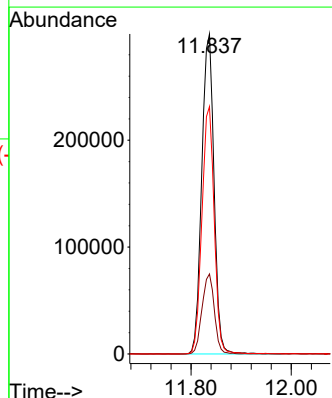
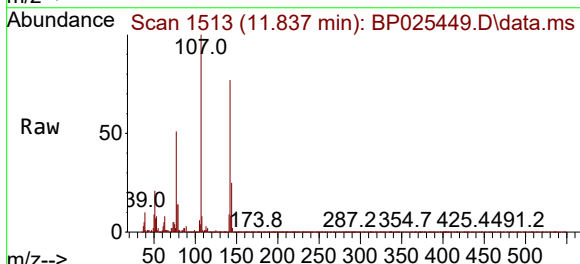
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

Tgt Ion:113 Resp: 142050
Ion Ratio Lower Upper
113 100
55 160.3 140.0 180.0
56 126.9 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 42.954 ng
RT: 11.837 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:107 Resp: 508938
Ion Ratio Lower Upper
107 100
144 25.0 21.0 31.4
142 77.3 64.6 97.0

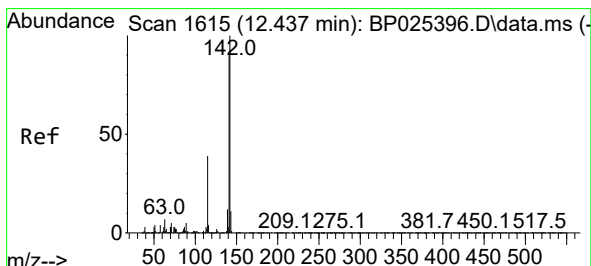
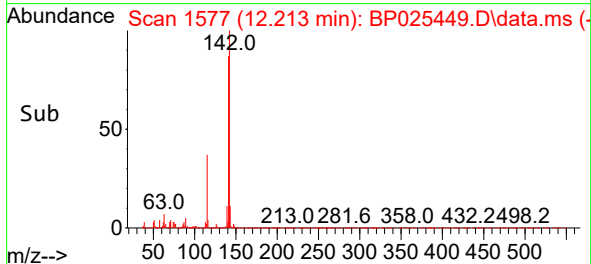
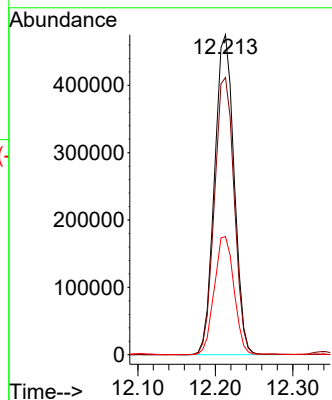
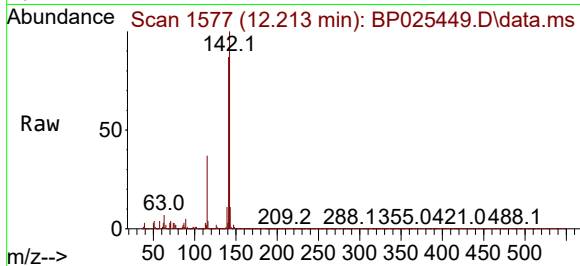




#37
2-Methylnaphthalene
Concen: 36.906 ng
RT: 12.213 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

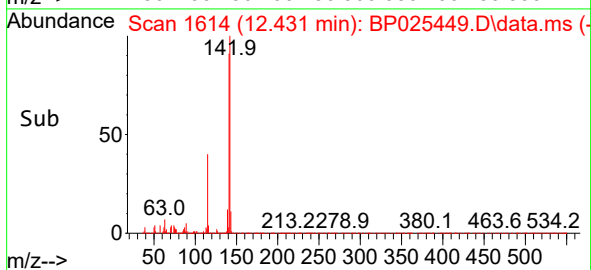
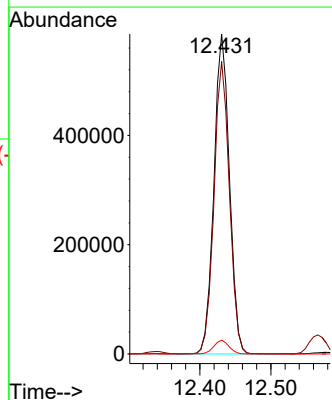
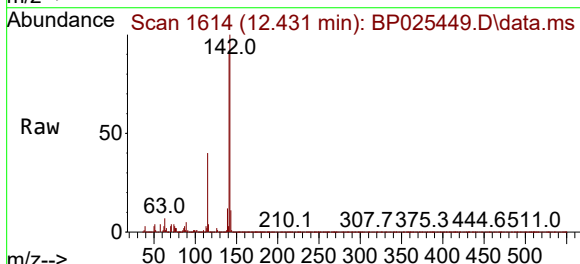
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

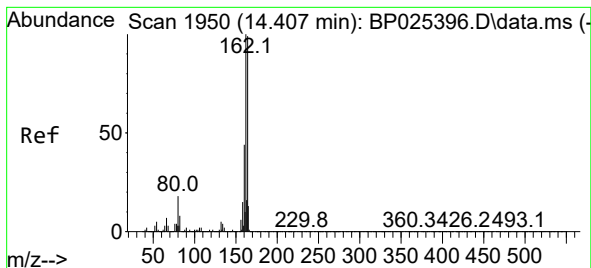
Tgt Ion:142 Resp: 832146
Ion Ratio Lower Upper
142 100
141 86.6 70.3 105.5
115 36.9 28.9 43.3



#38
1-Methylnaphthalene
Concen: 36.858 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:142 Resp: 883807
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 4.3 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: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

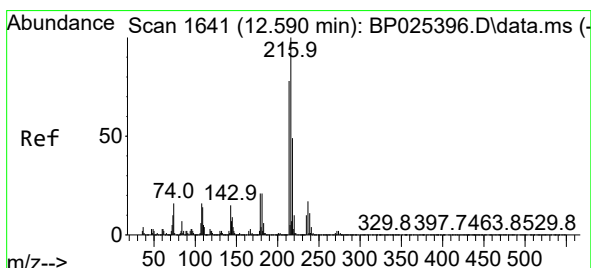
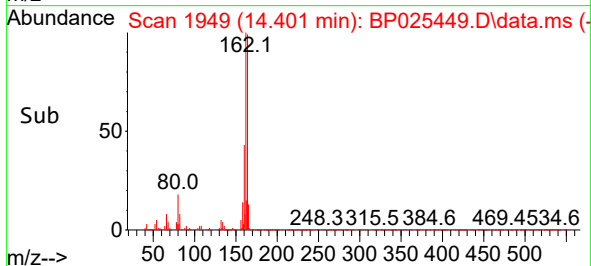
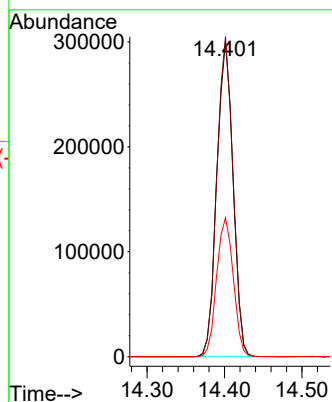
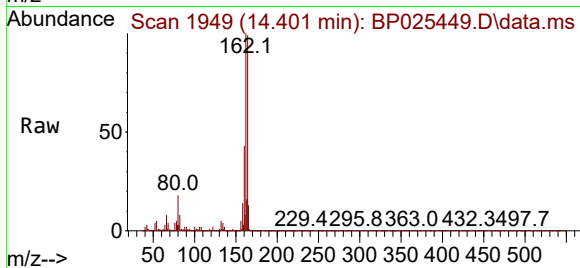
Tgt Ion:164 Resp: 437299

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.6

160 44.1 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.451 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Tgt Ion:216 Resp: 472998

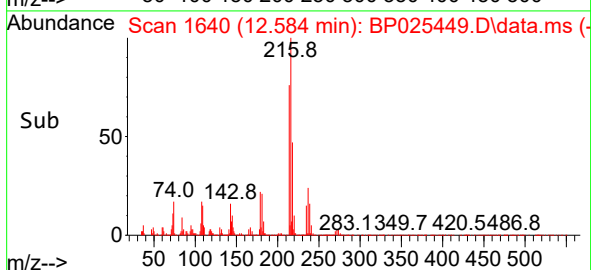
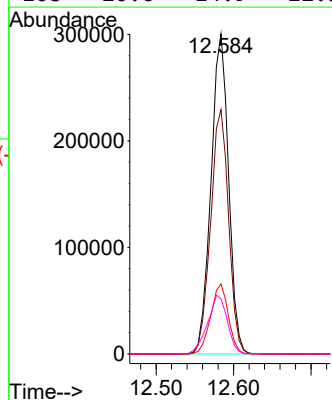
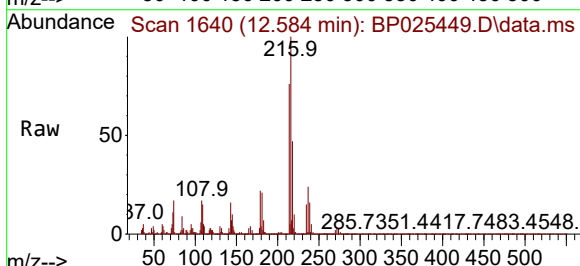
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 22.0 17.1 25.7

108 20.6 14.9 22.3

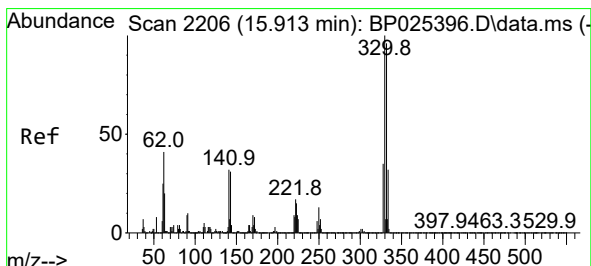
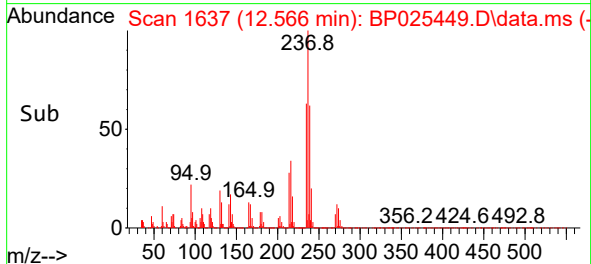
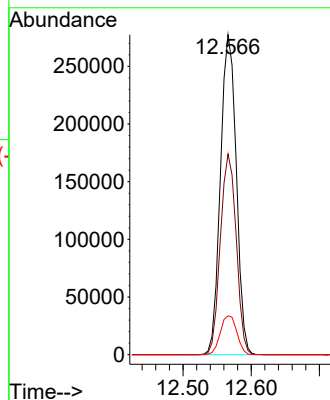
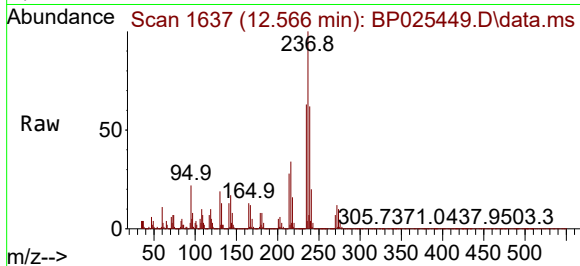




#41
Hexachlorocyclopentadiene
Concen: 58.713 ng
RT: 12.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

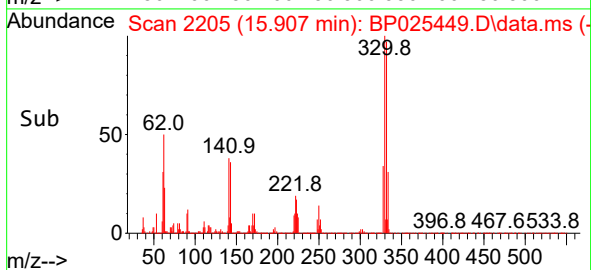
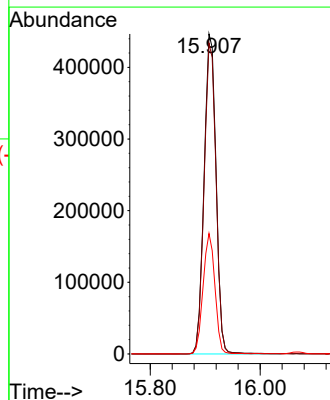
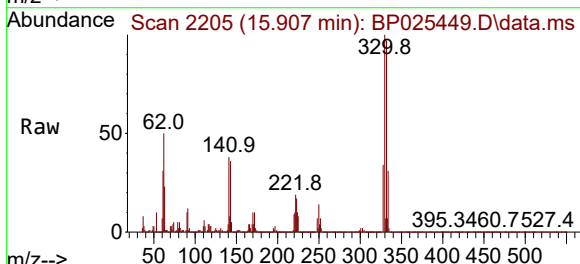
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

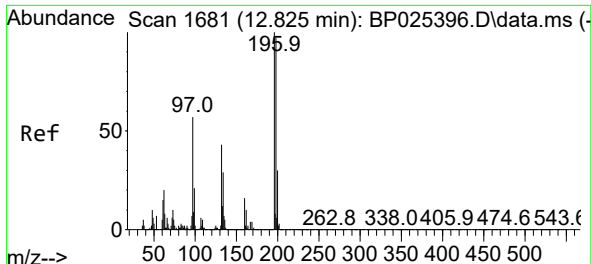
Tgt Ion:237 Resp: 447911
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 12.1 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 114.297 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:330 Resp: 672760
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 37.2 26.6 39.8

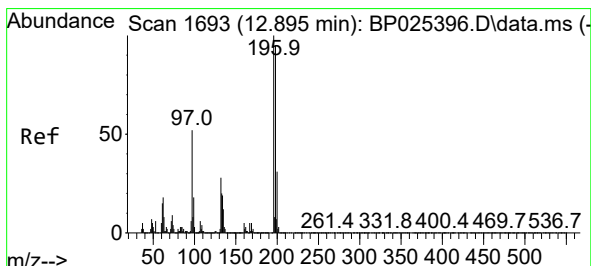
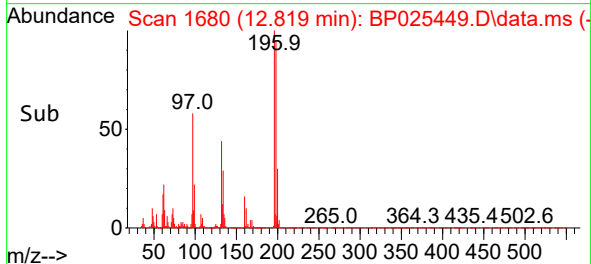
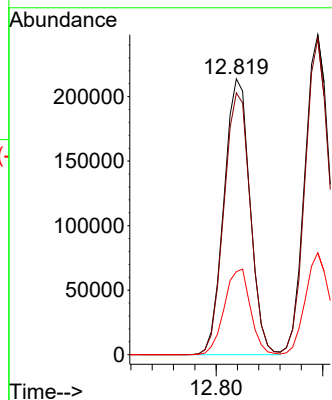
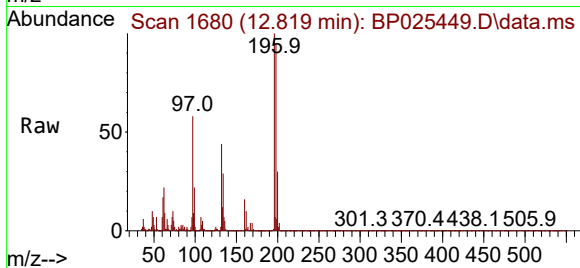




#43
2,4,6-Trichlorophenol
Concen: 42.624 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

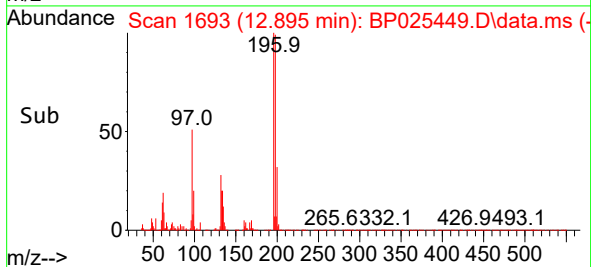
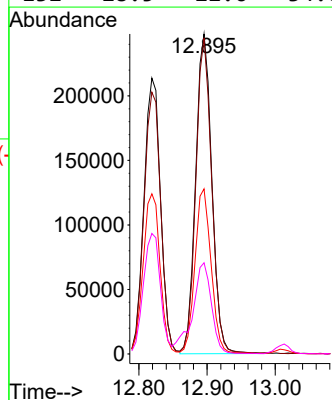
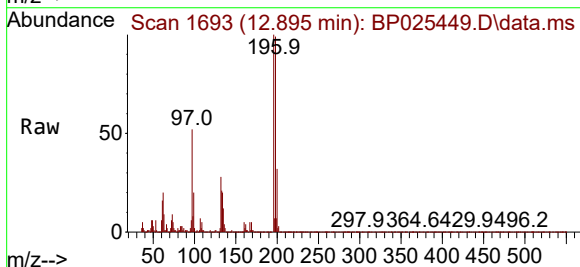
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

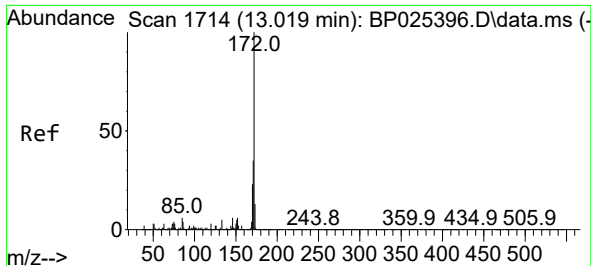
Tgt Ion:196 Resp: 363433
Ion Ratio Lower Upper
196 100
198 94.9 77.2 115.8
200 30.1 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 43.775 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:196 Resp: 409062
Ion Ratio Lower Upper
196 100
198 98.8 76.2 114.2
97 51.6 41.2 61.8
132 28.5 22.6 34.0

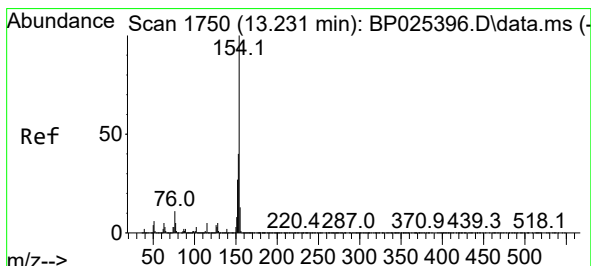
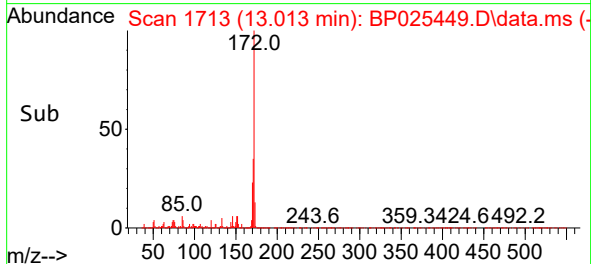
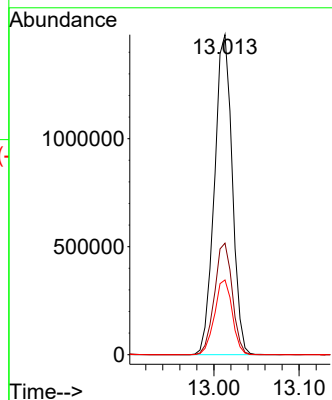
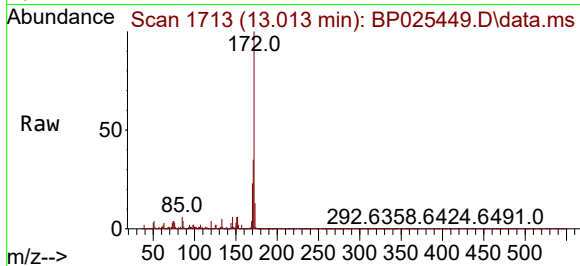




#45
2-Fluorobiphenyl
Concen: 67.162 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

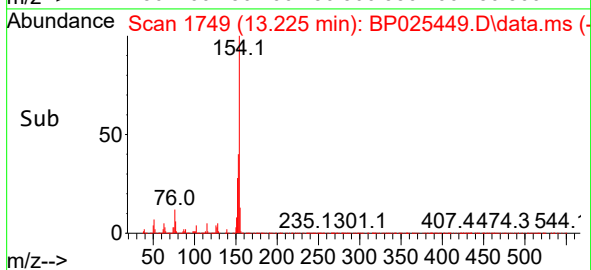
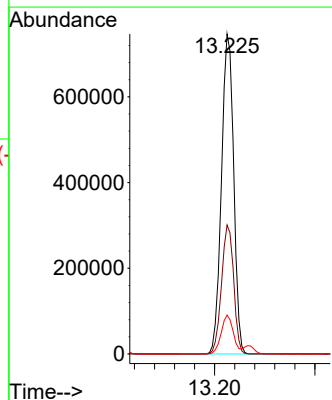
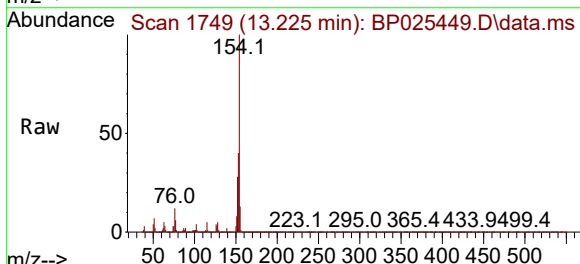
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

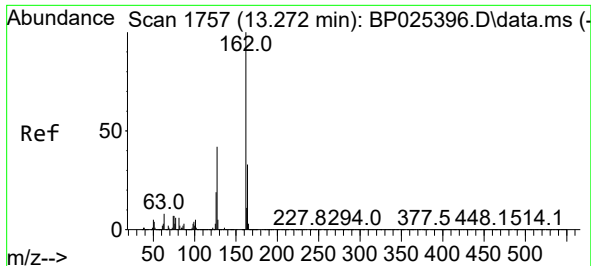
Tgt Ion:172 Resp: 2149000
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.753 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:154 Resp: 1262533
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 12.2 0.0 31.1

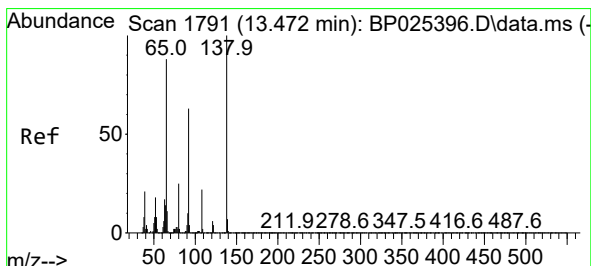
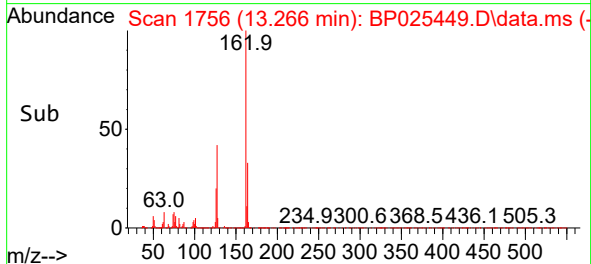
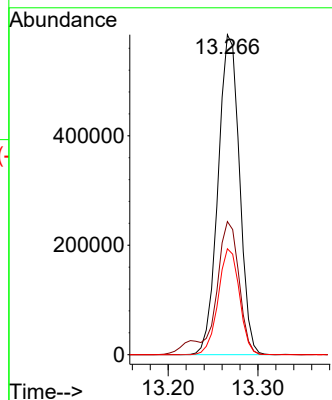
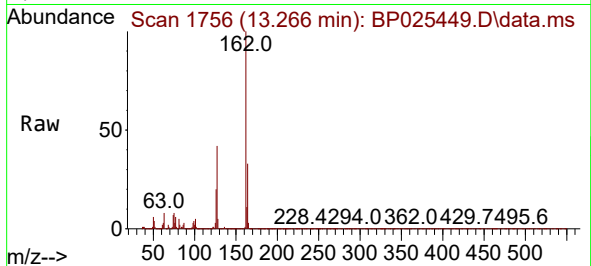




#47
2-Chloronaphthalene
Concen: 39.174 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

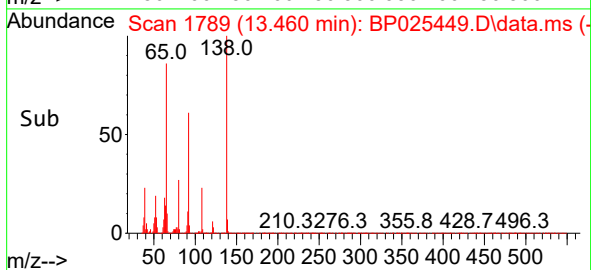
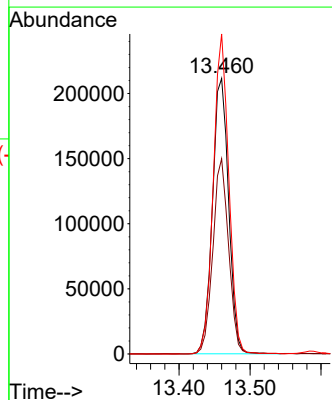
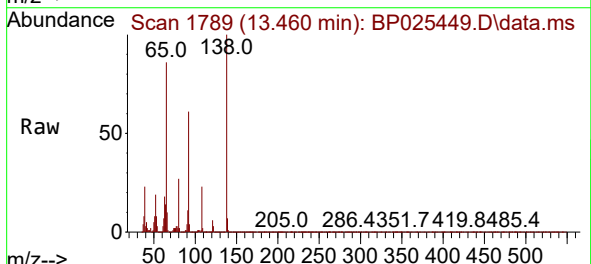
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

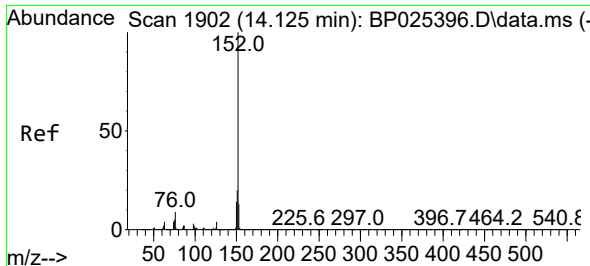
Tgt Ion:162 Resp: 968534
Ion Ratio Lower Upper
162 100
127 41.6 33.4 50.2
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 46.454 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion: 65 Resp: 334660
Ion Ratio Lower Upper
65 100
92 70.8 57.6 86.4
138 116.1 91.0 136.6

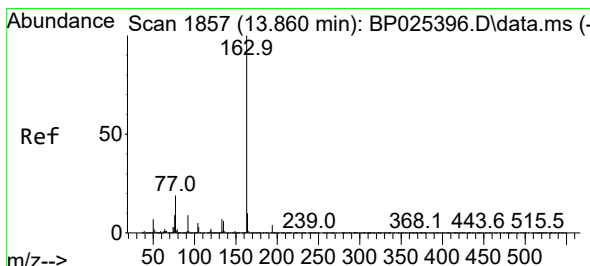
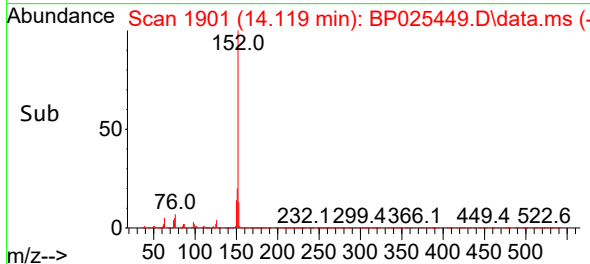
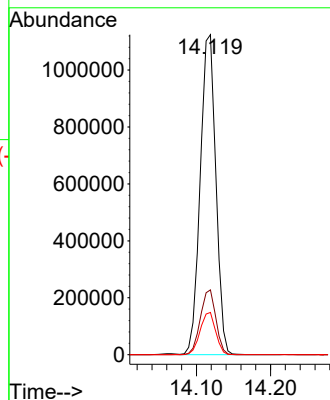
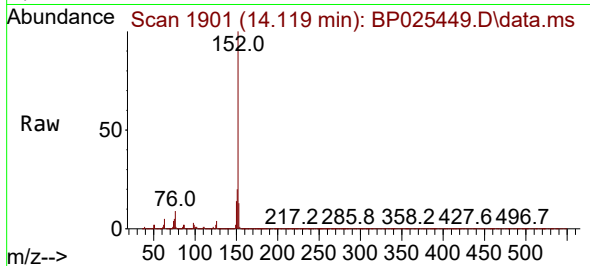




#49
Acenaphthylene
Concen: 40.190 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

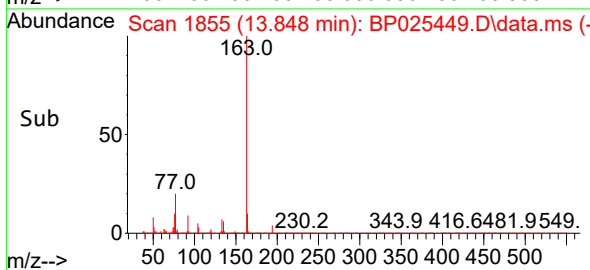
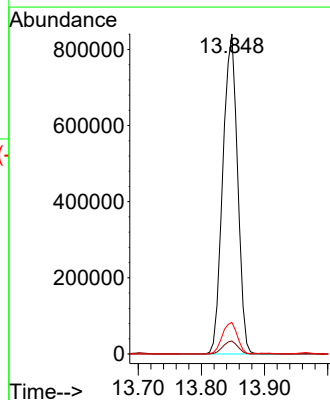
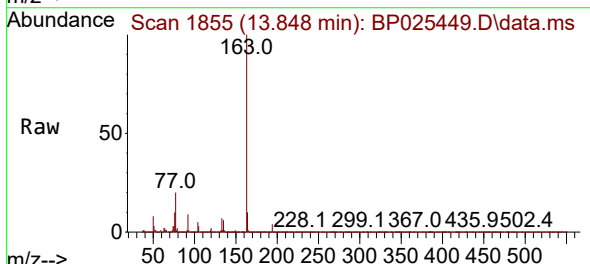
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

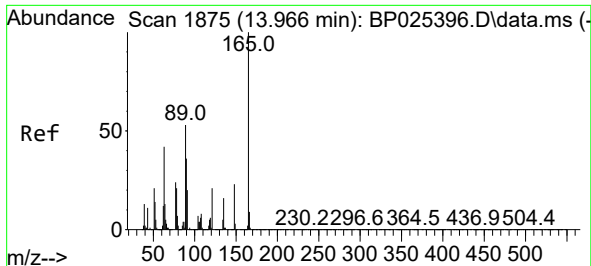
Tgt Ion:152 Resp: 1644219
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 42.558 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:163 Resp: 1362837
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 7.9 11.9

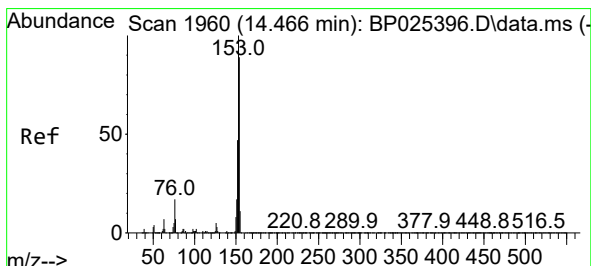
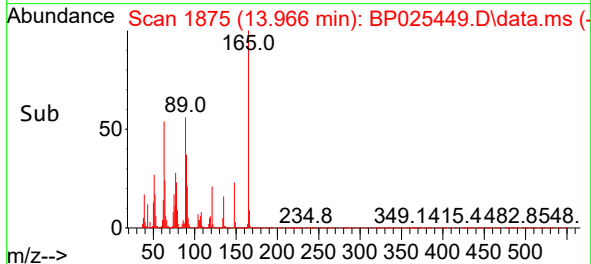
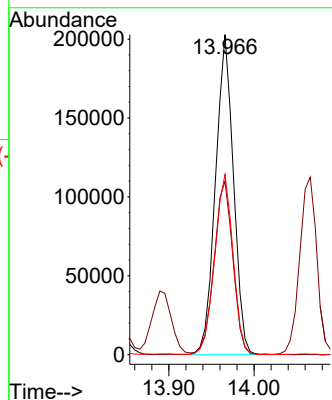
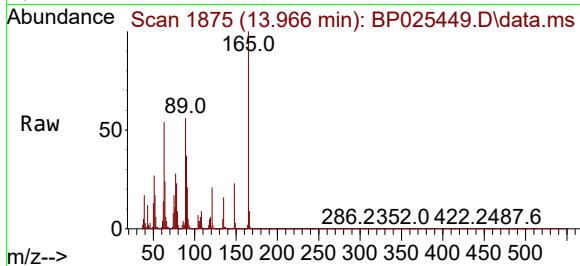




#51
2,6-Dinitrotoluene
Concen: 43.987 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

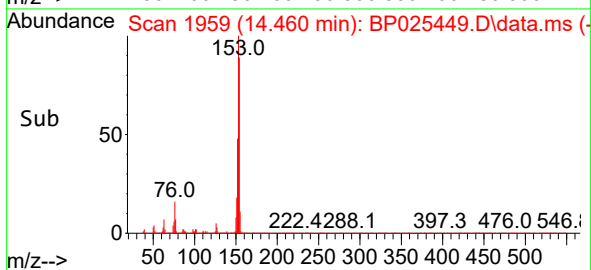
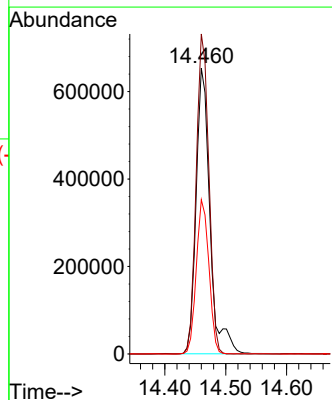
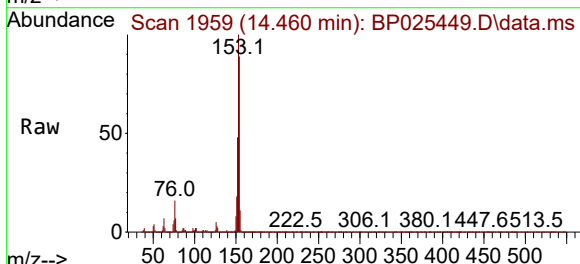
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

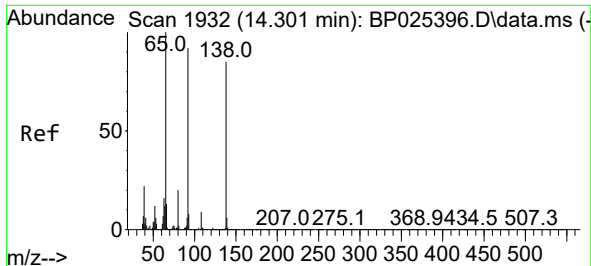
Tgt Ion:165 Resp: 296891
Ion Ratio Lower Upper
165 100
63 54.2 40.9 61.3
89 56.3 42.1 63.1



#52
Acenaphthene
Concen: 42.797 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:154 Resp: 1027728
Ion Ratio Lower Upper
154 100
153 112.0 90.2 135.2
152 54.0 42.1 63.1

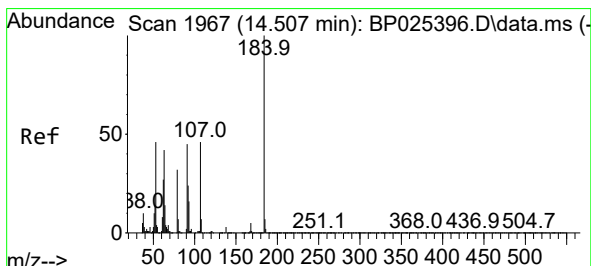
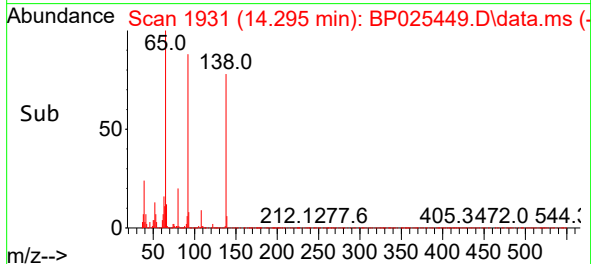
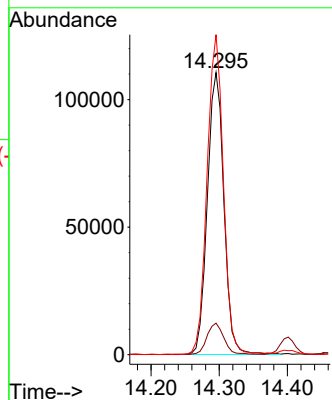
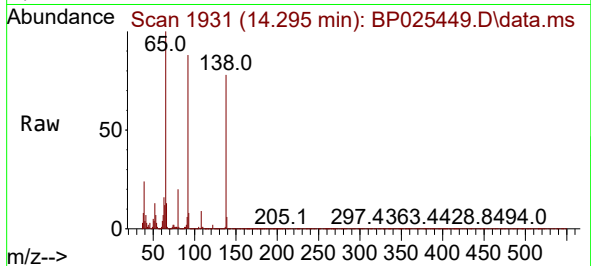




#53
3-Nitroaniline
Concen: 24.630 ng
RT: 14.295 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

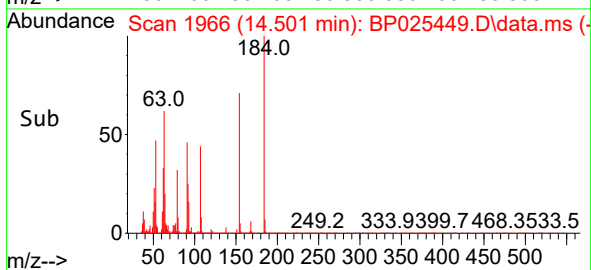
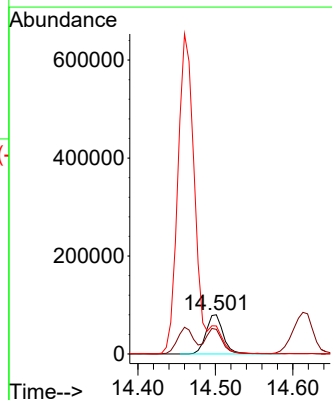
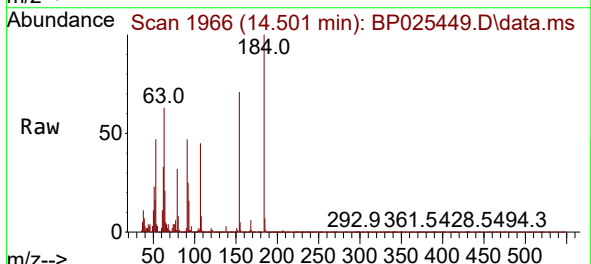
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

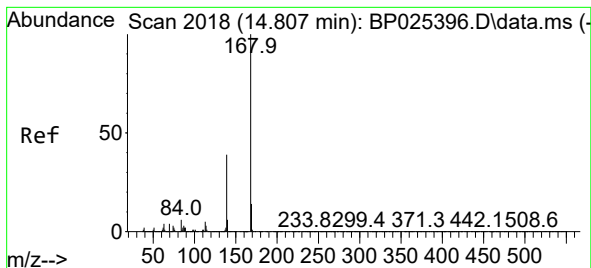
Tgt Ion:138 Resp: 187036
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 113.4 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 34.427 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:184 Resp: 124090
Ion Ratio Lower Upper
184 100
63 62.7 49.4 74.2
154 71.2 54.6 82.0





#55

Dibenzenofuran

Concen: 40.588 ng

RT: 14.801 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

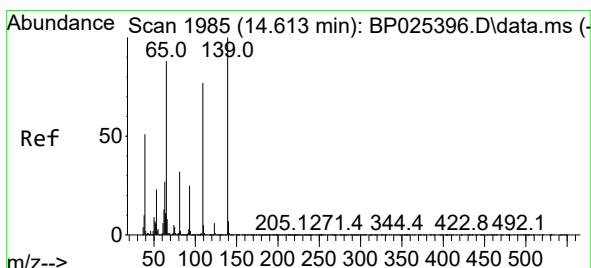
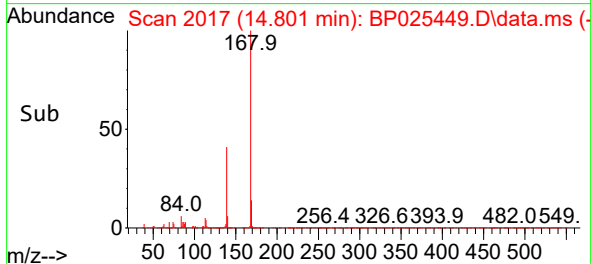
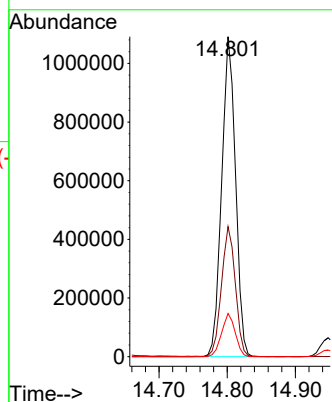
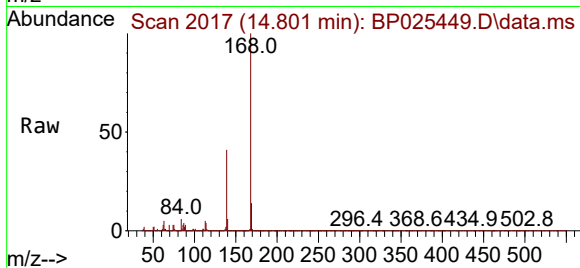
Tgt Ion:168 Resp: 1540998

Ion Ratio Lower Upper

168 100

139 40.6 31.5 47.3

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 83.470 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

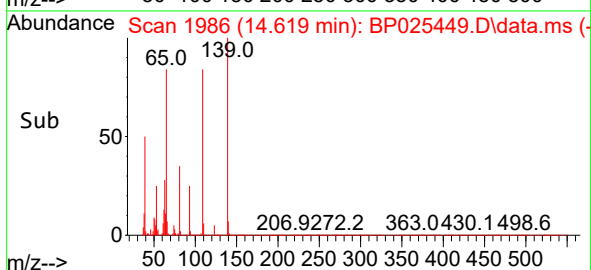
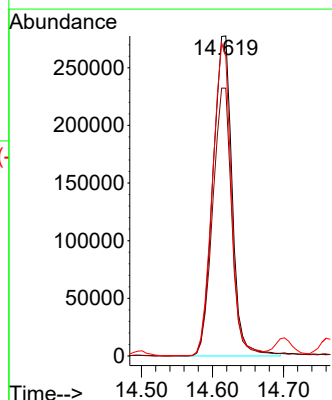
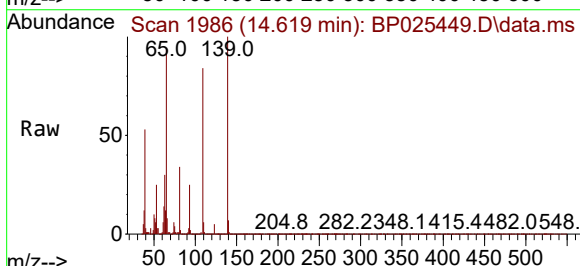
Tgt Ion:139 Resp: 520865

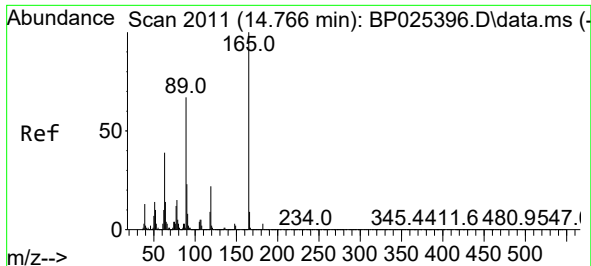
Ion Ratio Lower Upper

139 100

109 83.7 56.6 96.6

65 93.5 68.2 108.2



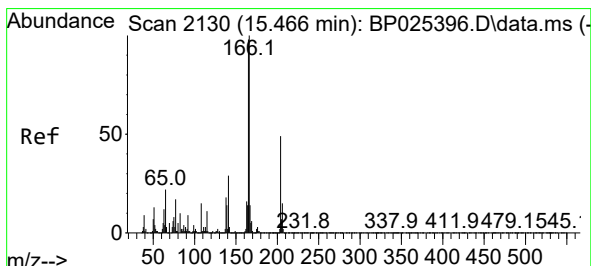
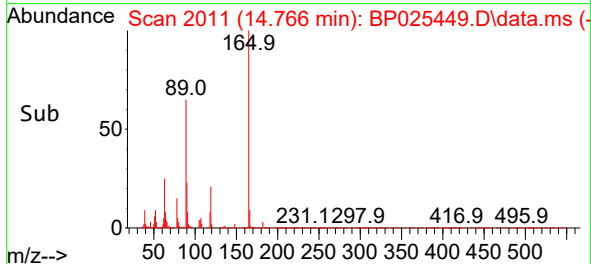
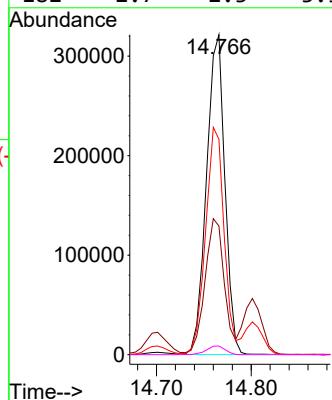
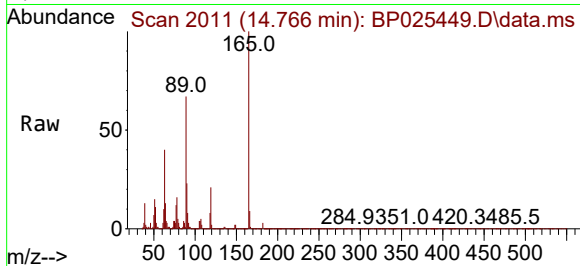


#57
2,4-Dinitrotoluene
Concen: 45.022 ng
RT: 14.766 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Instrument :
BNA_P
ClientSampleId :
TG-S01MS

Tgt Ion:165 Resp: 433554

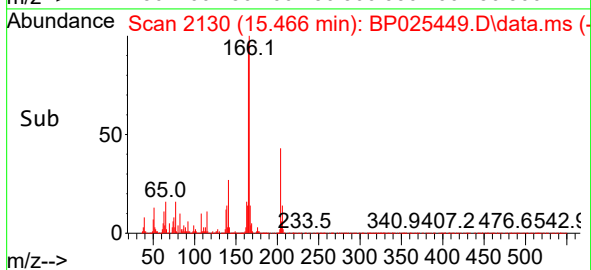
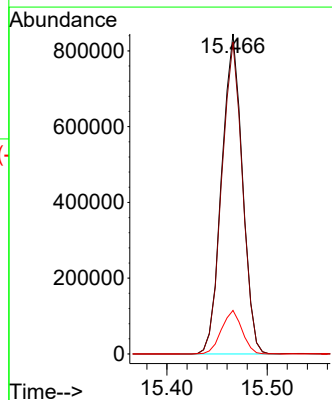
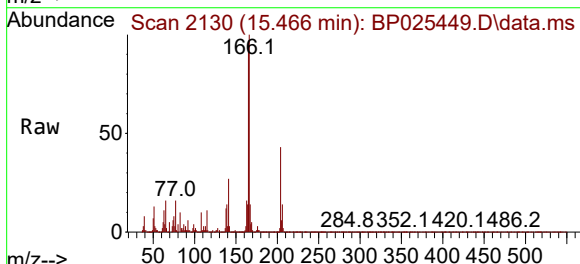
Ion	Ratio	Lower	Upper
165	100		
63	40.2	31.4	47.2
89	67.3	53.3	79.9
182	2.7	2.3	3.5

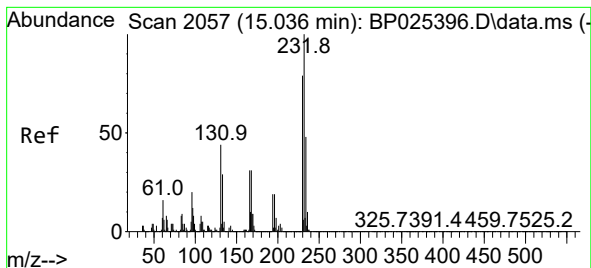


#58
Fluorene
Concen: 40.337 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:166 Resp: 1208443

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.8	118.2
167	13.6	11.0	16.4



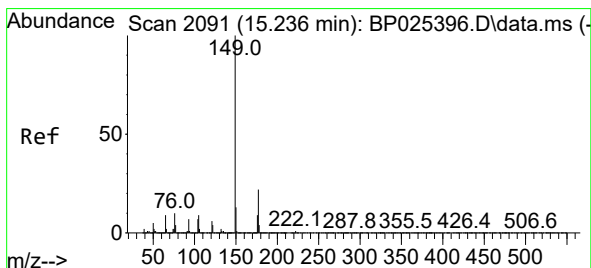
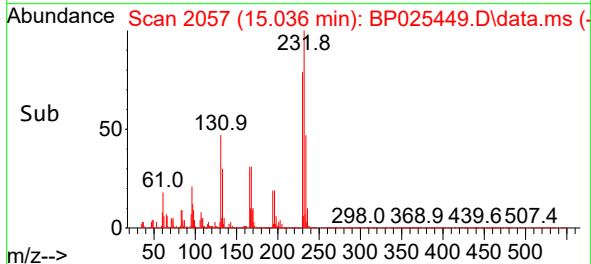
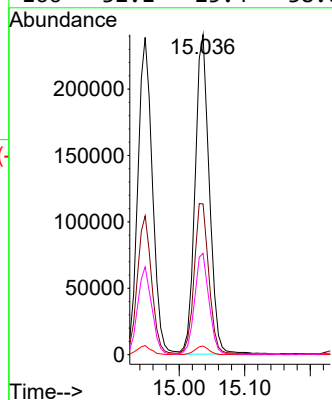
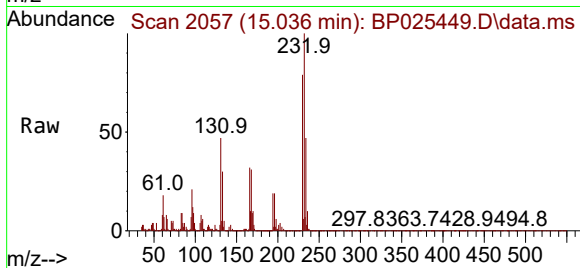


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.033 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Instrument :
BNA_P
ClientSampleId :
TG-S01MS

Tgt Ion:232 Resp: 363324

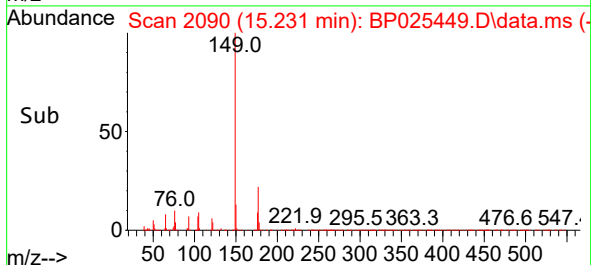
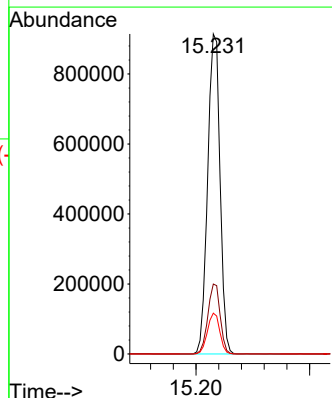
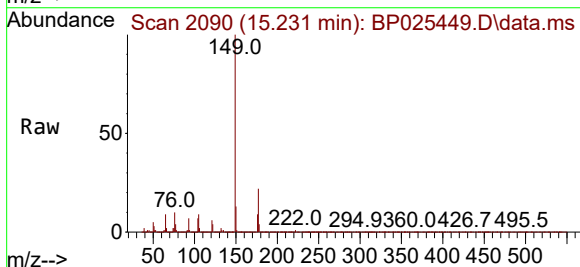
Ion	Ratio	Lower	Upper
232	100		
131	48.7	37.0	55.6
130	2.6	1.9	2.9
166	32.1	25.4	38.0

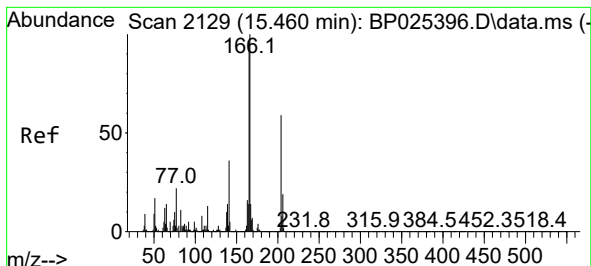


#60
Diethylphthalate
Concen: 42.250 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:149 Resp: 1374758

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.8	10.3	15.5

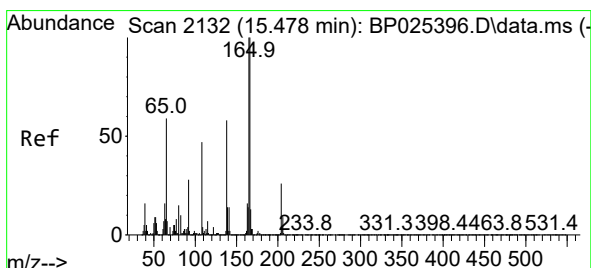
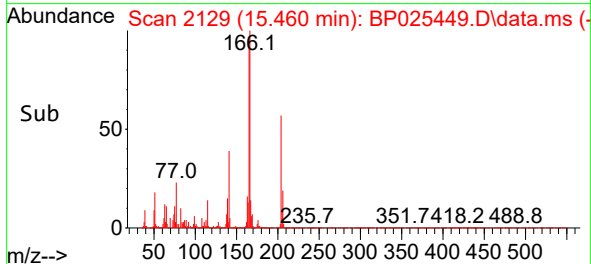
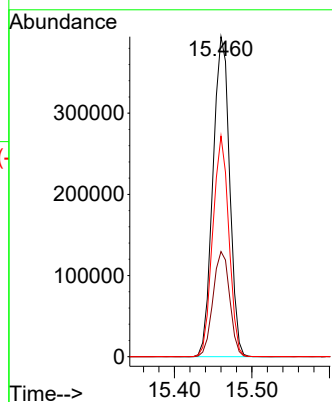
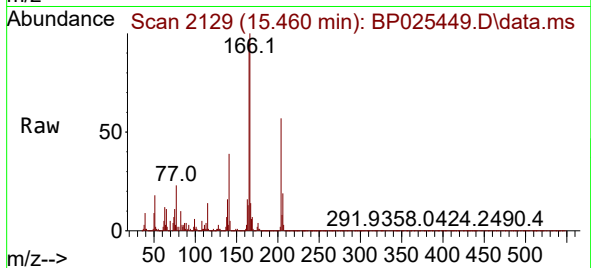




#61
4-Chlorophenyl-phenylether
Concen: 39.528 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

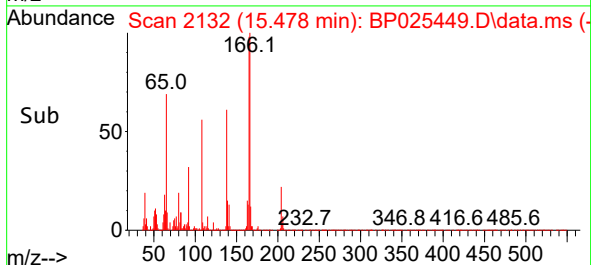
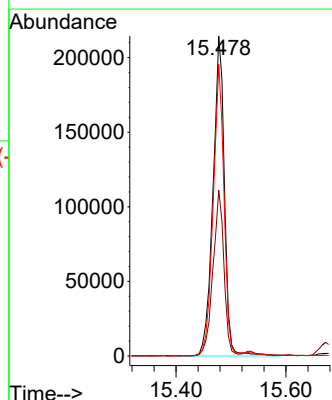
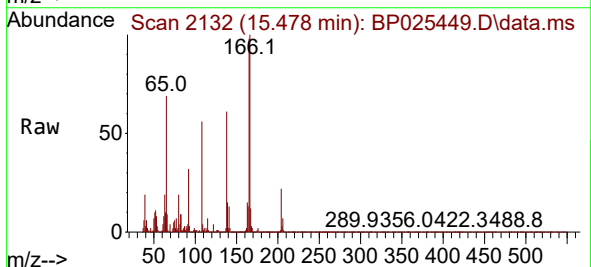
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

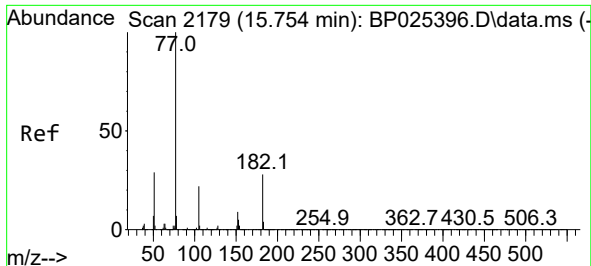
Tgt Ion:204 Resp: 588951
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 68.9 49.4 74.2



#62
4-Nitroaniline
Concen: 39.944 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:138 Resp: 310960
Ion Ratio Lower Upper
138 100
92 51.8 29.1 69.1
108 91.1 61.5 101.5



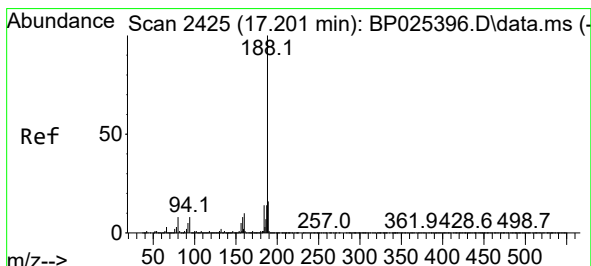
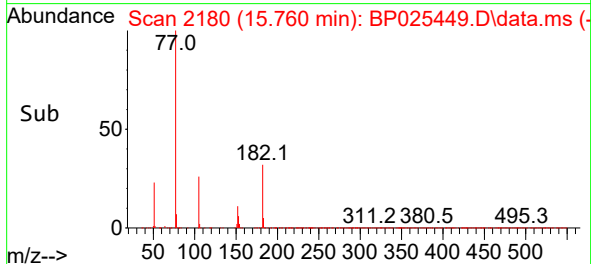
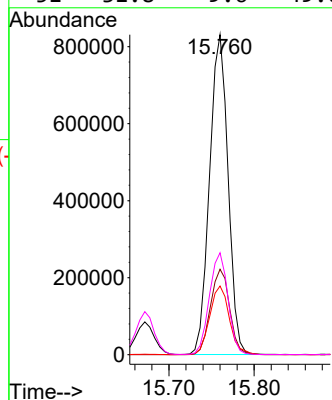
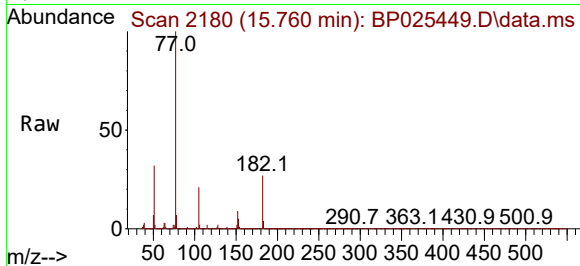


#63
Azobenzene
Concen: 44.926 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Instrument :
BNA_P
ClientSampleId :
TG-S01MS

Tgt Ion: 77 Resp: 1251718

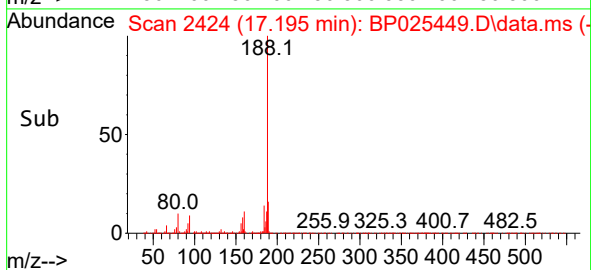
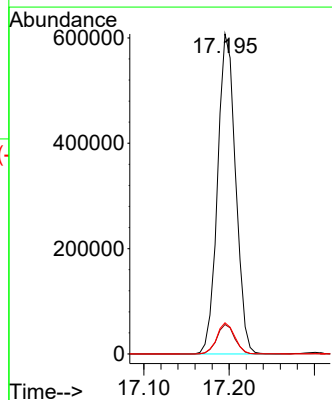
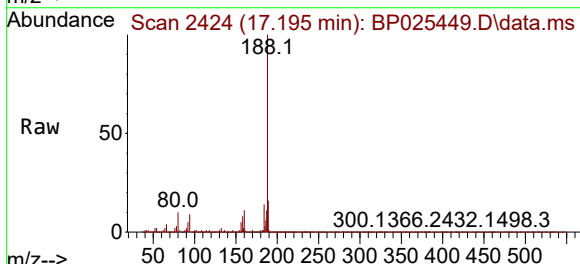
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.5	47.5
105	21.5	2.1	42.1
51	31.8	9.6	49.6

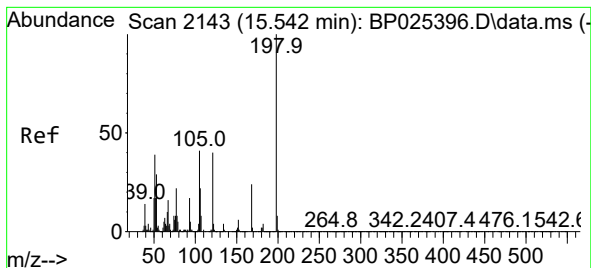


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion: 188 Resp: 894593

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.8	6.7	10.1

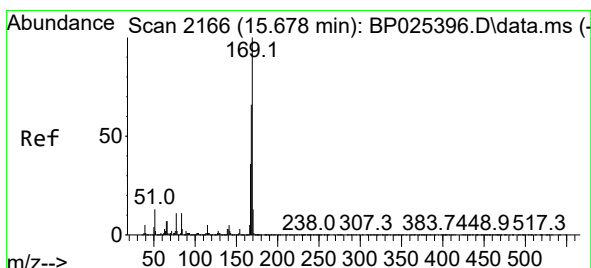
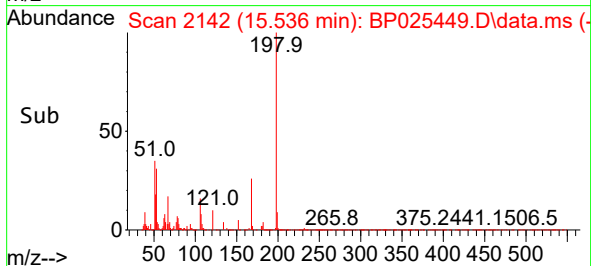
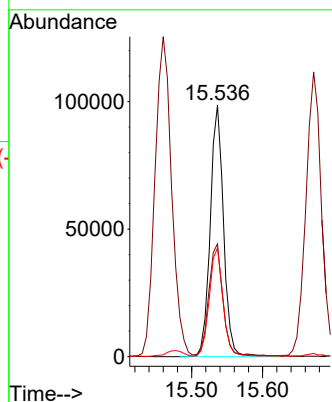
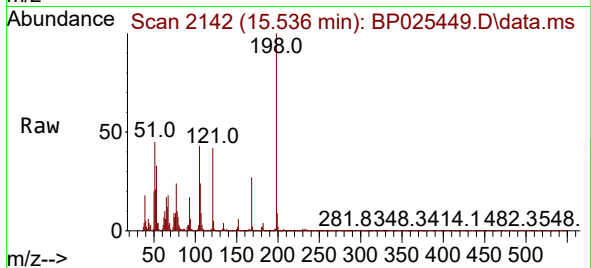




#65
4,6-Dinitro-2-methylphenol
Concen: 23.067 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

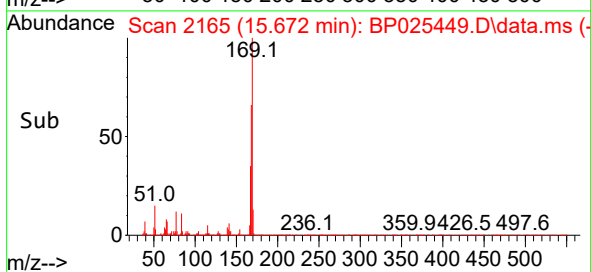
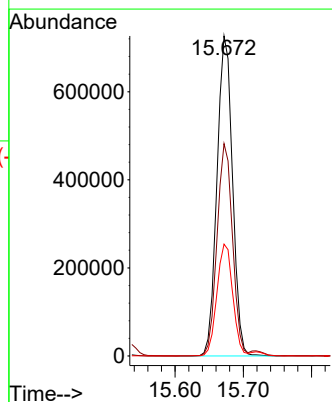
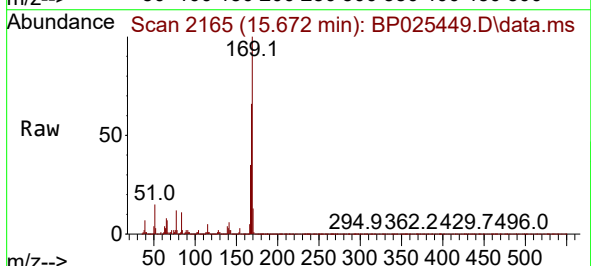
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

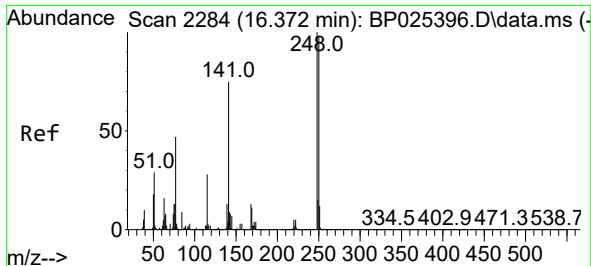
Tgt Ion:198 Resp: 128630
Ion Ratio Lower Upper
198 100
51 44.8 19.6 59.6
105 43.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 42.228 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:169 Resp: 1151971
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.0 28.7 43.1

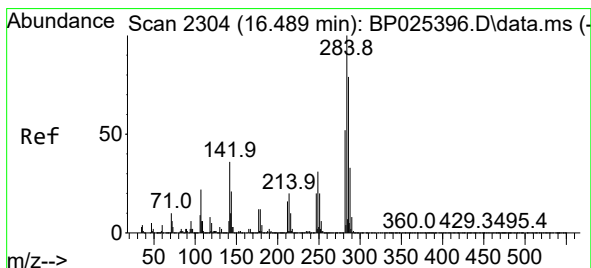
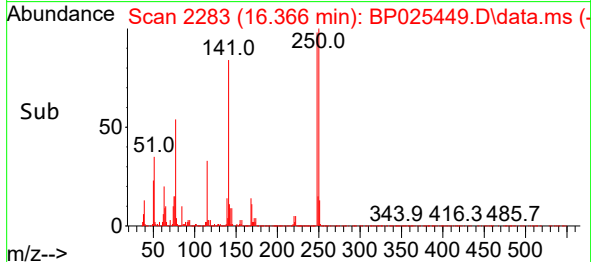
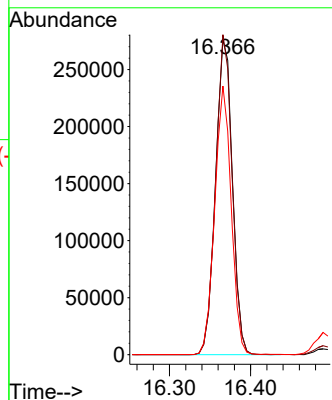
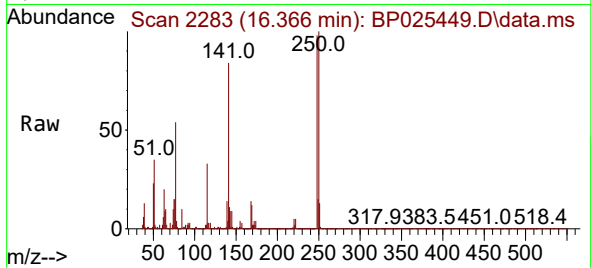




#67
4-Bromophenyl-phenylether
Concen: 40.674 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

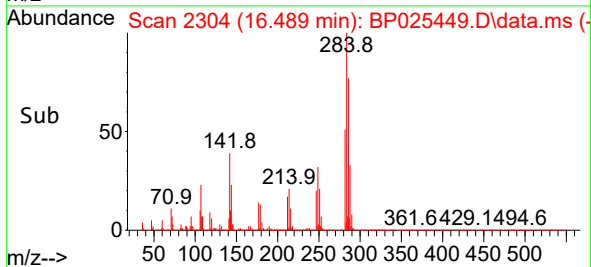
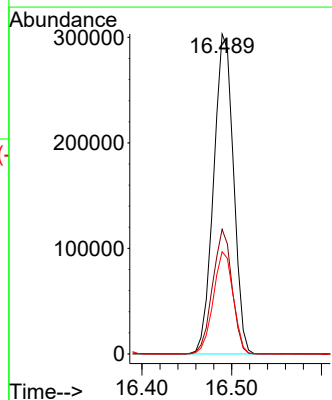
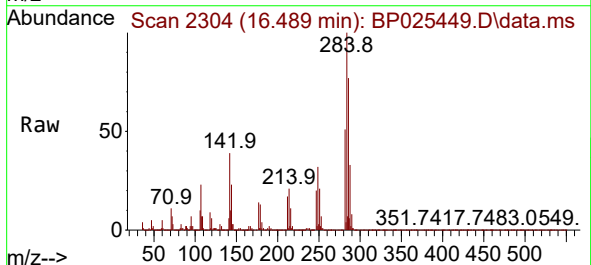
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

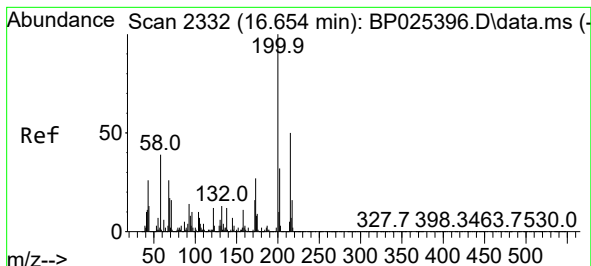
Tgt Ion:248 Resp: 400184
Ion Ratio Lower Upper
248 100
250 101.5 78.2 117.2
141 85.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 40.877 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:284 Resp: 466210
Ion Ratio Lower Upper
284 100
142 38.9 29.1 43.7
249 31.9 25.0 37.4





#69

Atrazine

Concen: 39.101 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

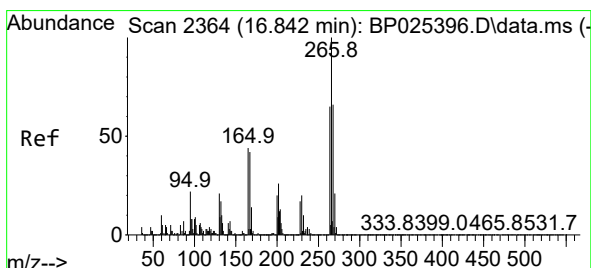
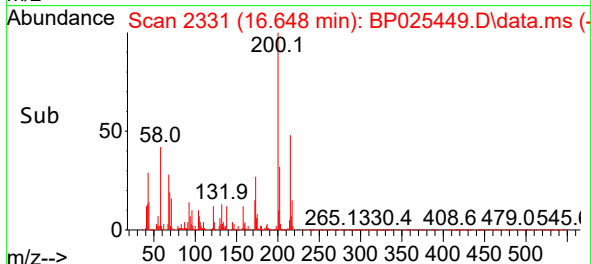
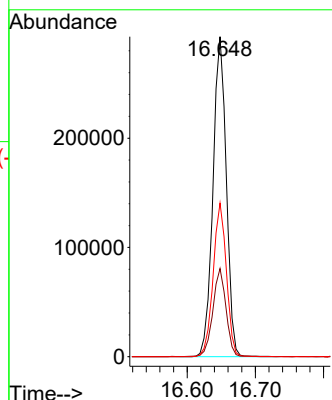
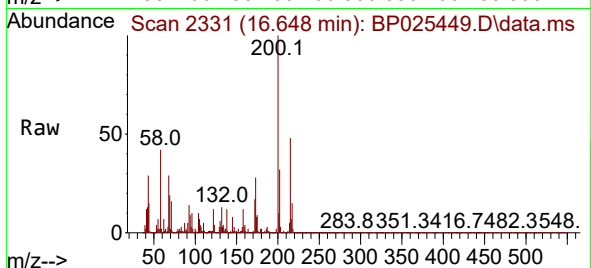
Tgt Ion:200 Resp: 399471

Ion Ratio Lower Upper

200 100

173 27.6 6.7 46.7

215 48.0 29.7 69.7



#70

Pentachlorophenol

Concen: 72.634 ng

RT: 16.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

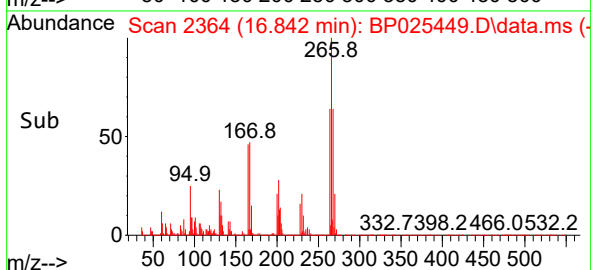
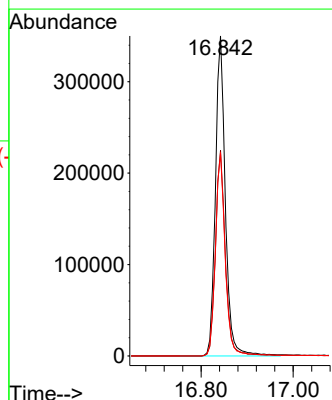
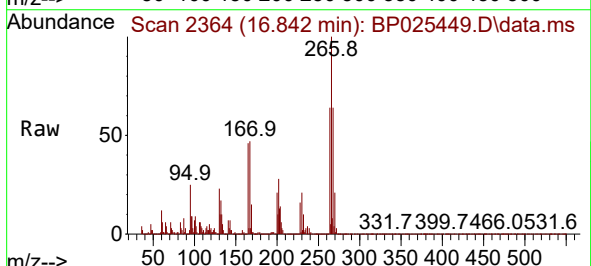
Tgt Ion:266 Resp: 522934

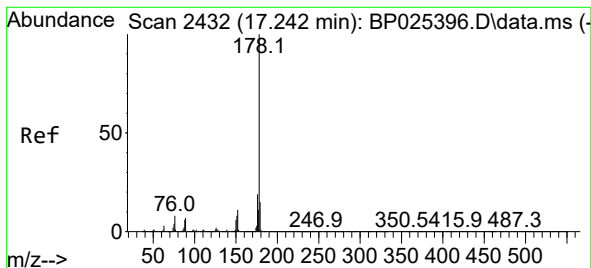
Ion Ratio Lower Upper

266 100

268 64.3 52.6 79.0

264 63.6 52.0 78.0





#71

Phenanthrene

Concen: 42.048 ng

RT: 17.242 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

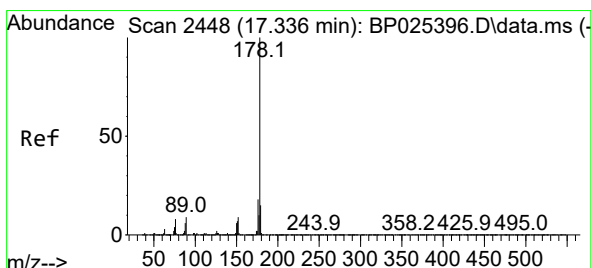
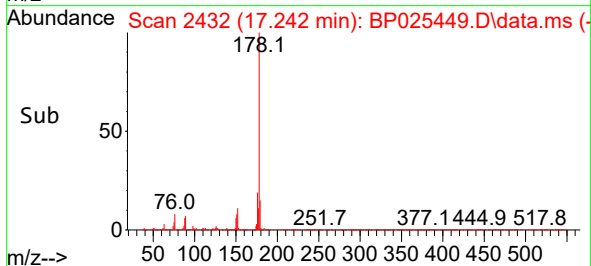
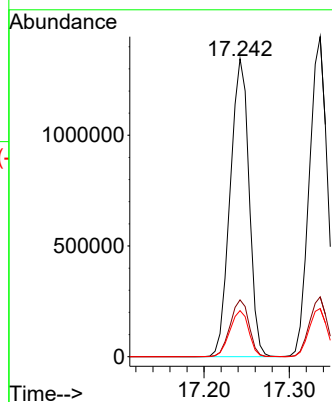
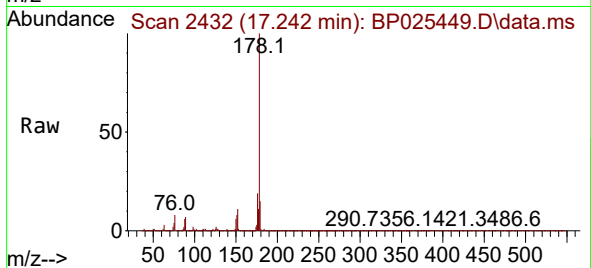
Tgt Ion:178 Resp: 2066337

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 42.426 ng

RT: 17.336 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

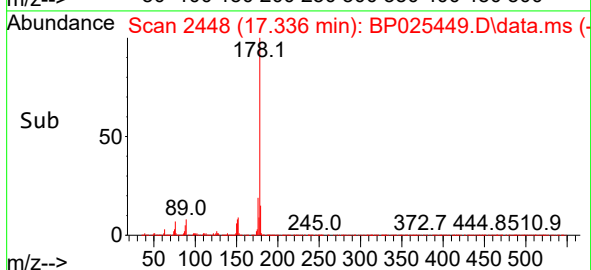
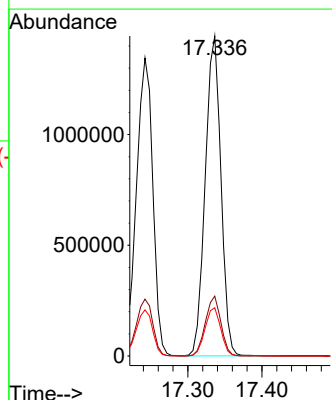
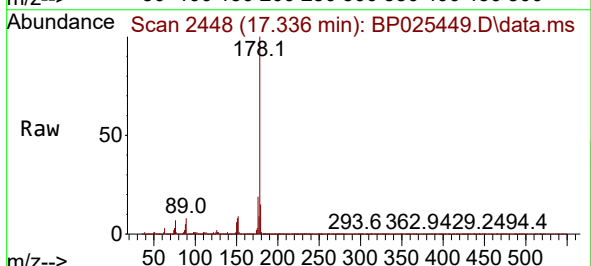
Tgt Ion:178 Resp: 2129148

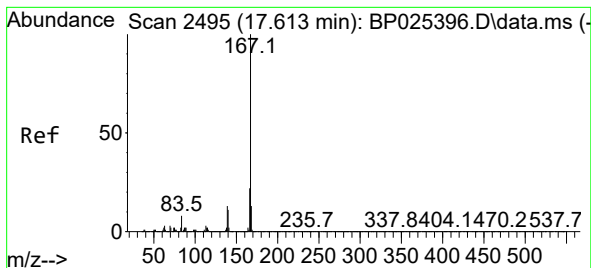
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.0 12.2 18.2





#73

Carbazole

Concen: 42.545 ng

RT: 17.613 min Scan# 2495

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

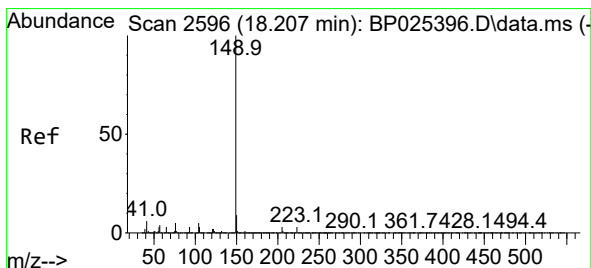
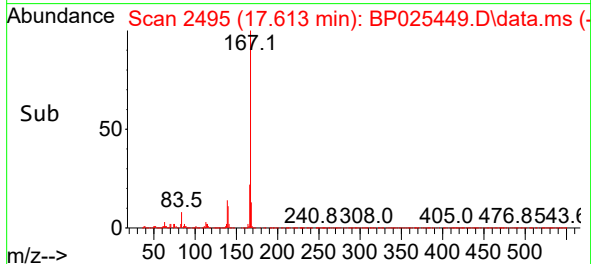
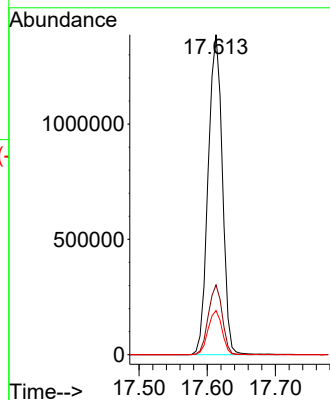
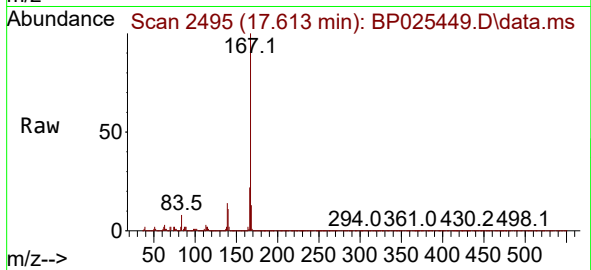
Tgt Ion:167 Resp: 2011095

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.195 ng

RT: 18.207 min Scan# 2596

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

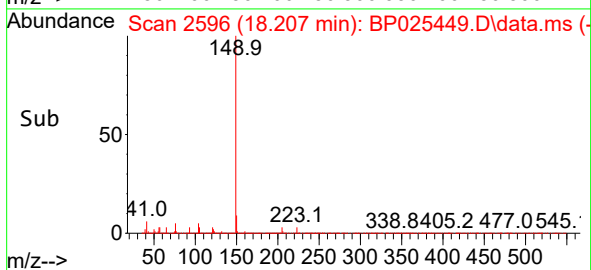
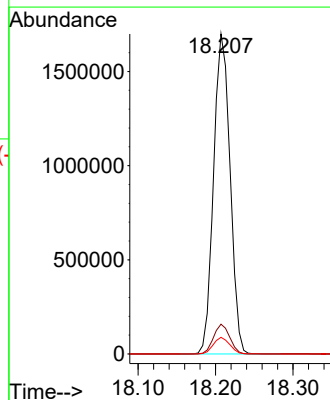
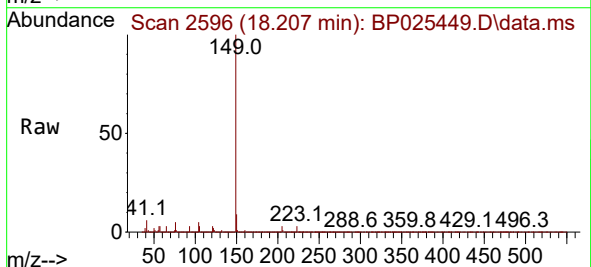
Tgt Ion:149 Resp: 2512101

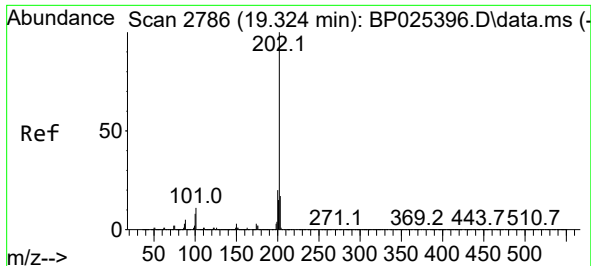
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.2 4.2 6.2

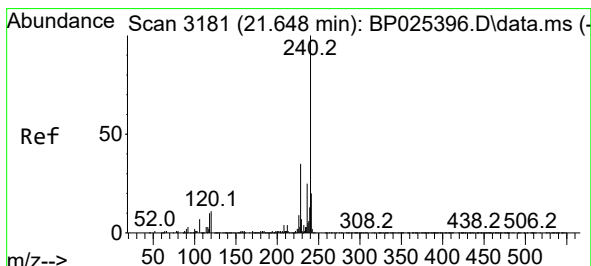
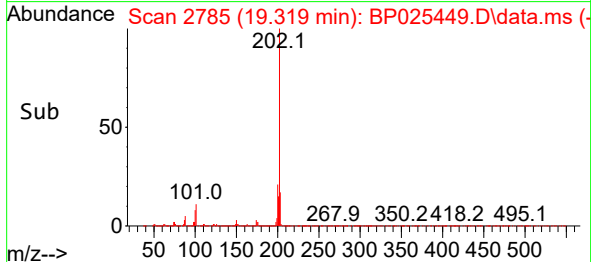
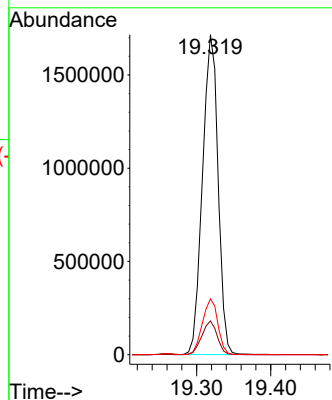
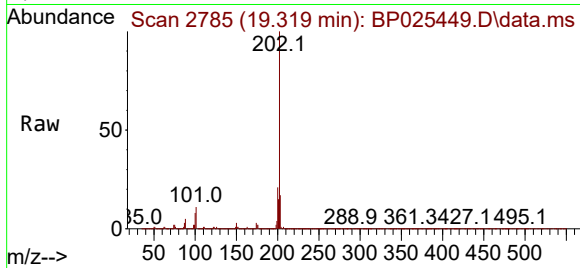




#75
Fluoranthene
Concen: 42.668 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

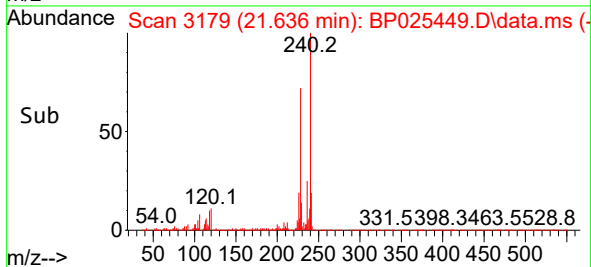
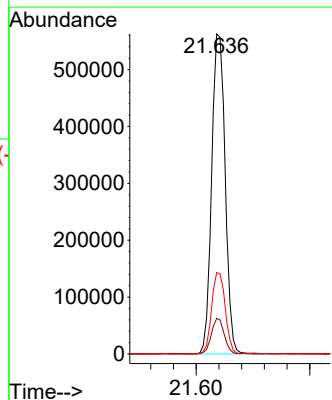
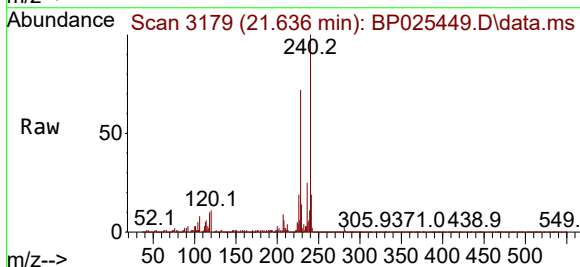
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

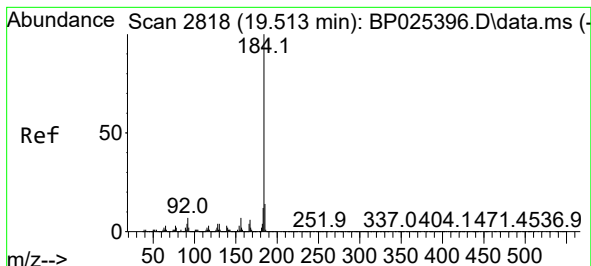
Tgt Ion:202 Resp: 2501162
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:240 Resp: 925169
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.4 19.8 29.8





#77

Benzidine

Concen: 11.015 ng

RT: 19.513 min Scan# 2818

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

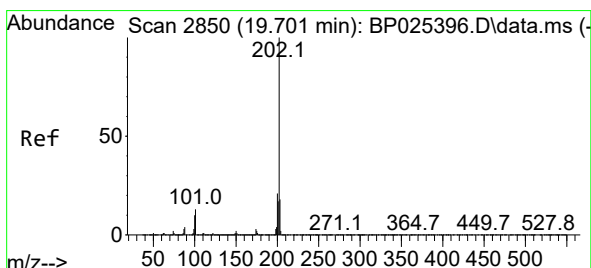
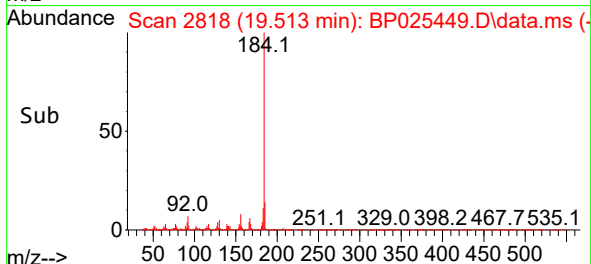
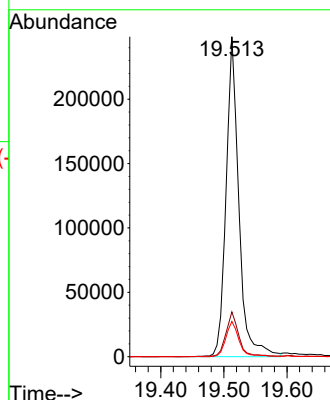
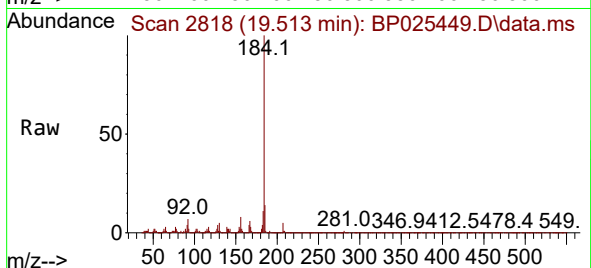
Tgt Ion:184 Resp: 347788

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.0 9.4 14.2



#78

Pyrene

Concen: 43.123 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

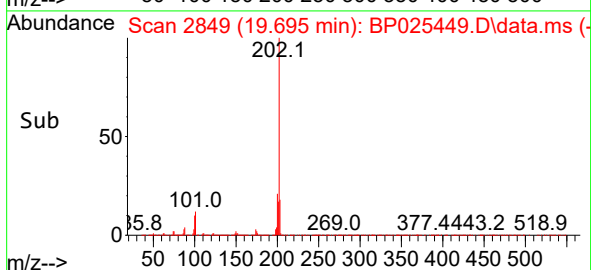
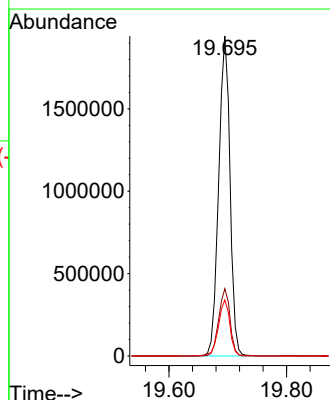
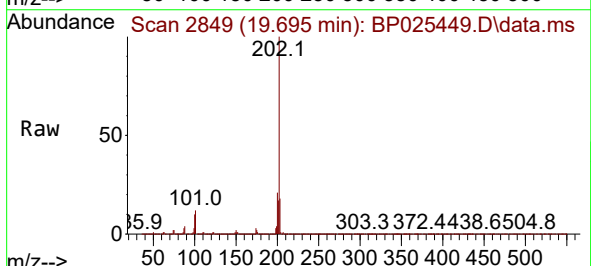
Tgt Ion:202 Resp: 2593116

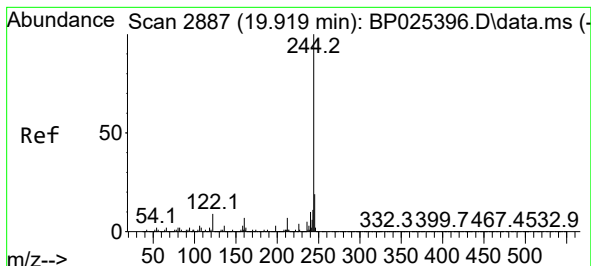
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 73.160 ng

RT: 19.919 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

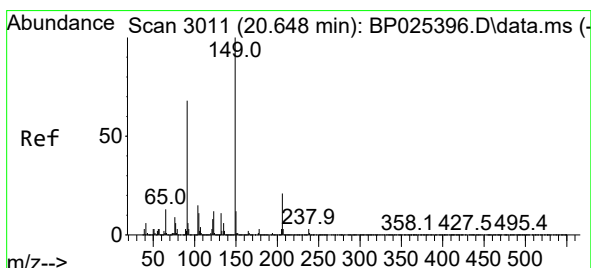
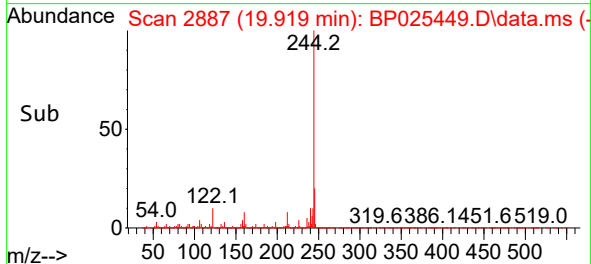
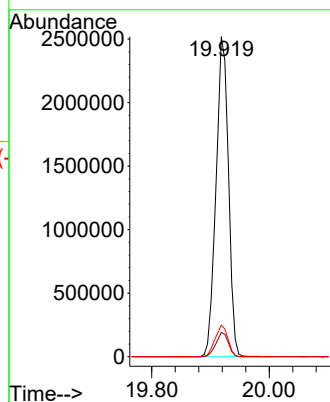
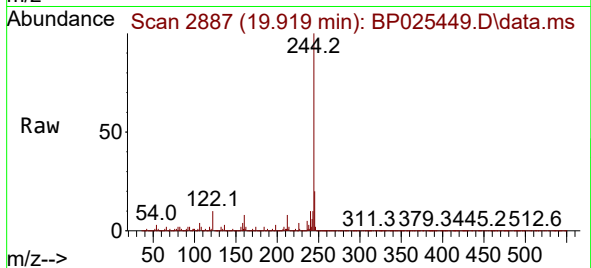
Tgt Ion:244 Resp: 3699534

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.9 7.4 11.2



#80

Butylbenzylphthalate

Concen: 43.505 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

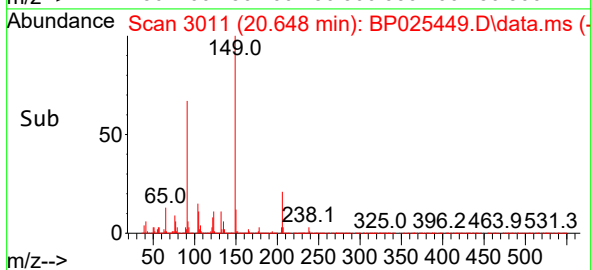
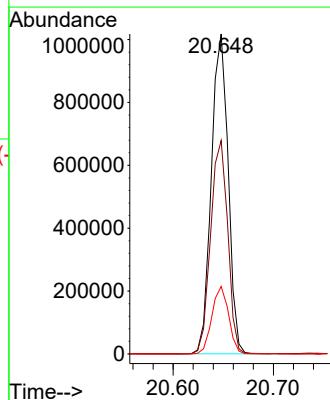
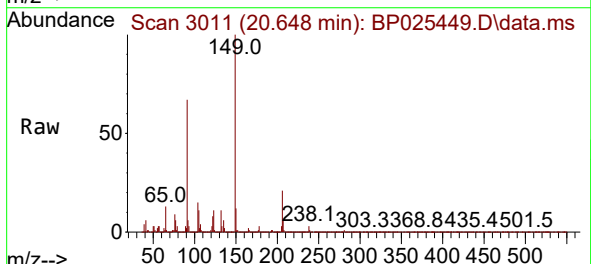
Tgt Ion:149 Resp: 1185643

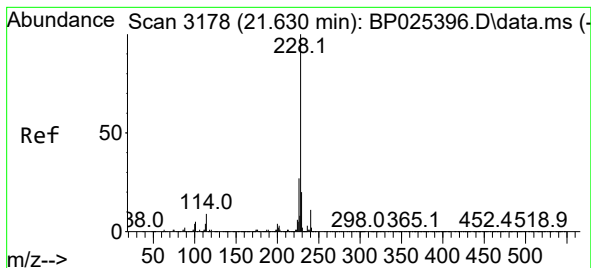
Ion Ratio Lower Upper

149 100

91 66.7 54.2 81.2

206 21.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 42.027 ng

RT: 21.618 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

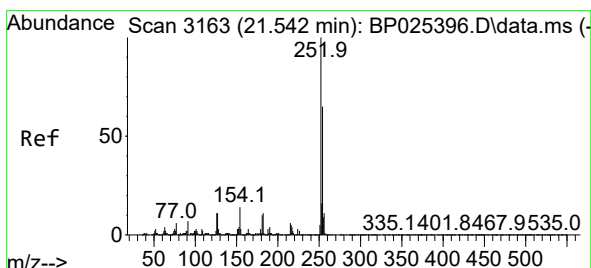
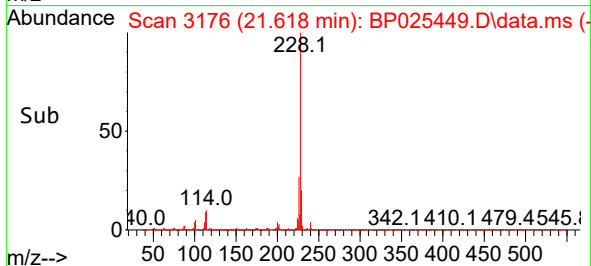
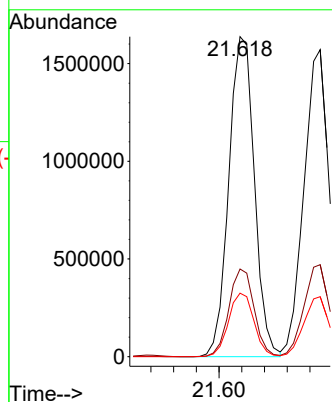
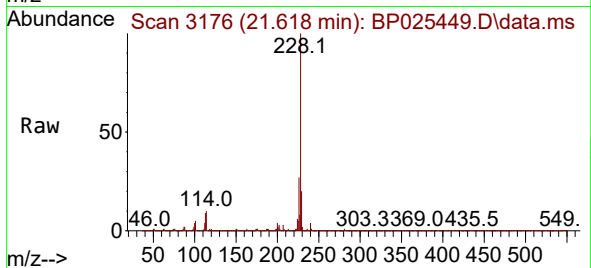
Tgt Ion:228 Resp: 2564265

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 29.424 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

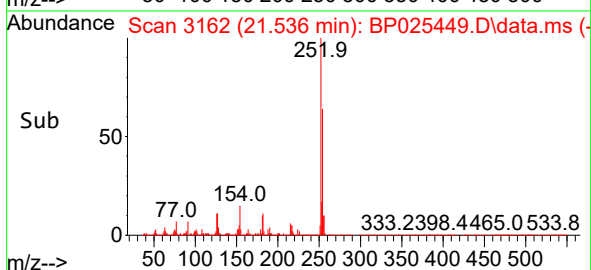
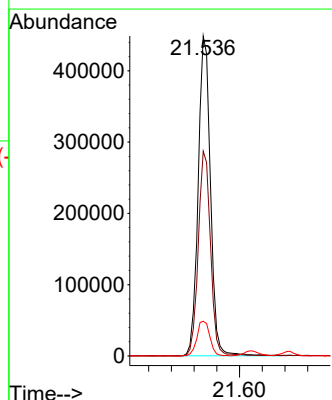
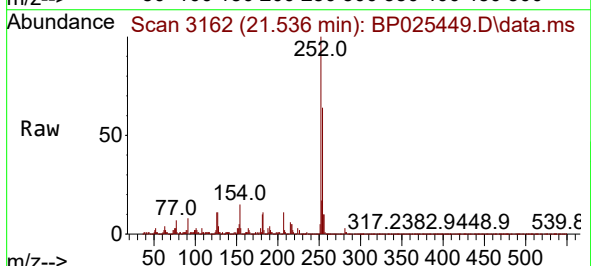
Tgt Ion:252 Resp: 676694

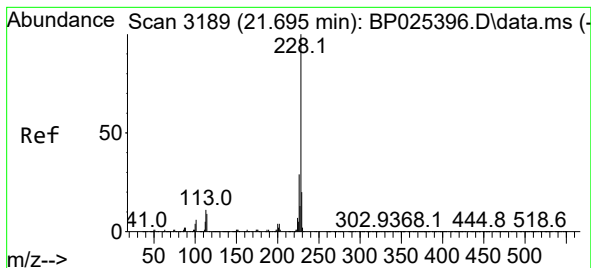
Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.6

126 10.8 9.1 13.7





#83

Chrysene

Concen: 42.717 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

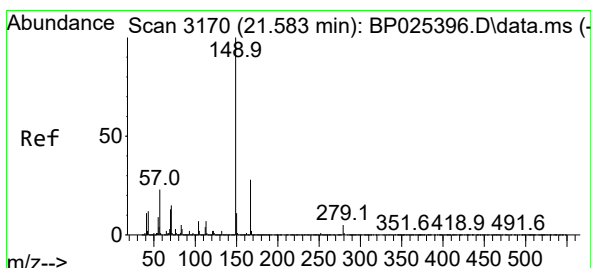
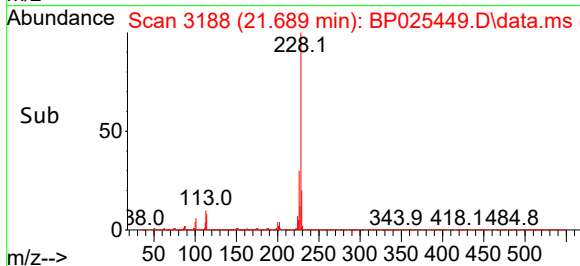
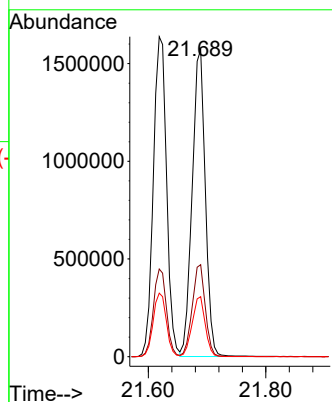
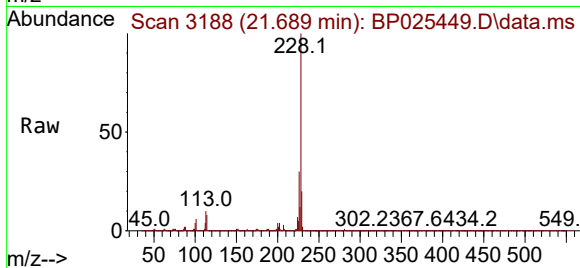
Tgt Ion:228 Resp: 2440850

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.550 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

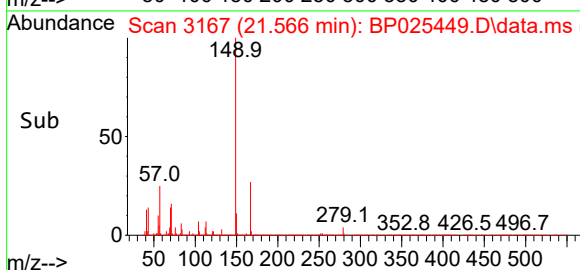
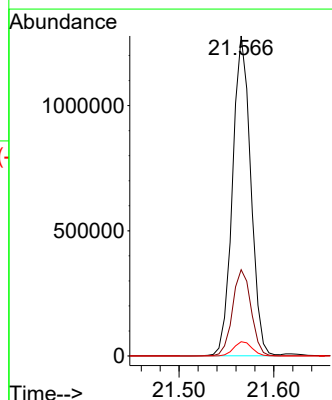
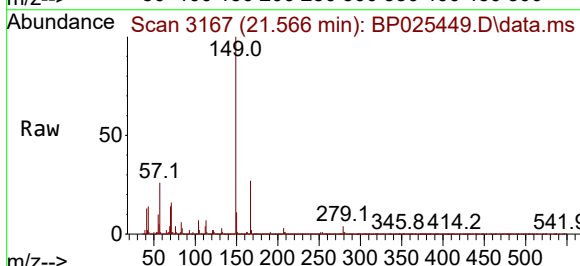
Tgt Ion:149 Resp: 1707026

Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 43.097 ng

RT: 22.848 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

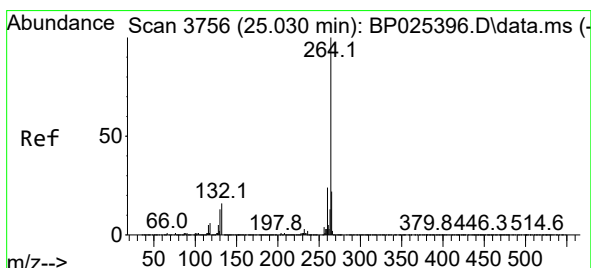
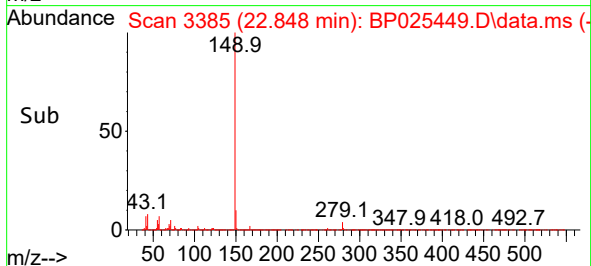
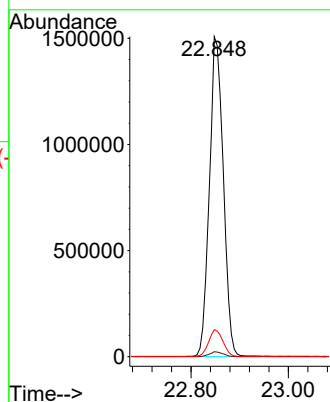
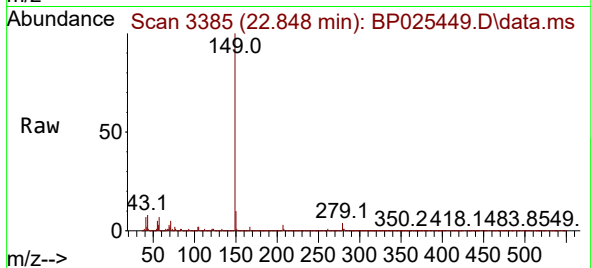
Tgt Ion:149 Resp: 2973906

Ion Ratio Lower Upper

149 100

167 1.5 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: BP025449.D

Acq: 16 Aug 2025 07:26

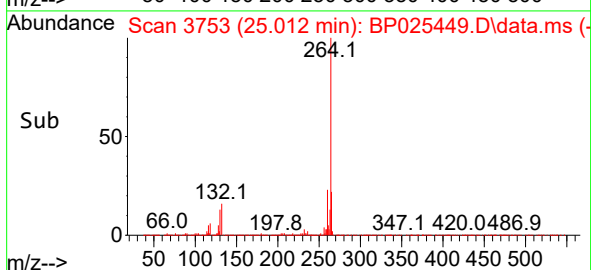
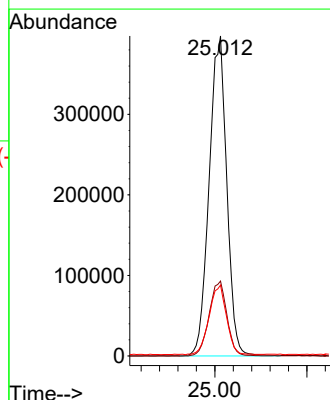
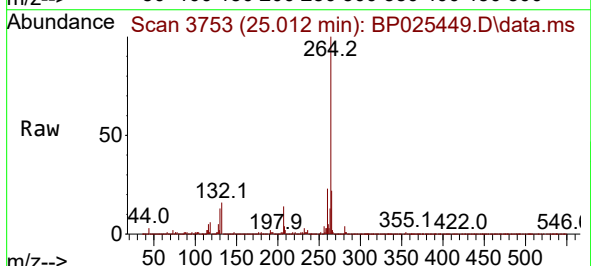
Tgt Ion:264 Resp: 1055241

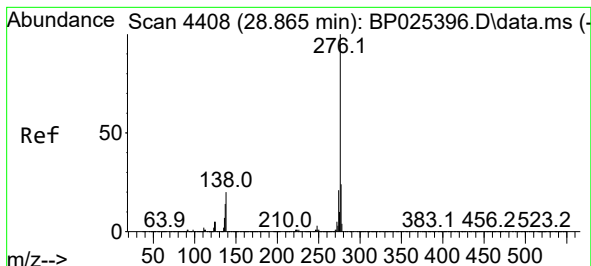
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.990 ng

RT: 28.824 min Scan# 4401

Delta R.T. -0.041 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

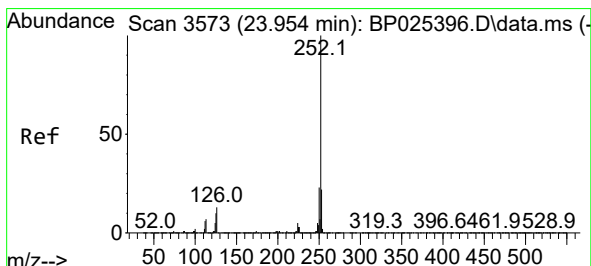
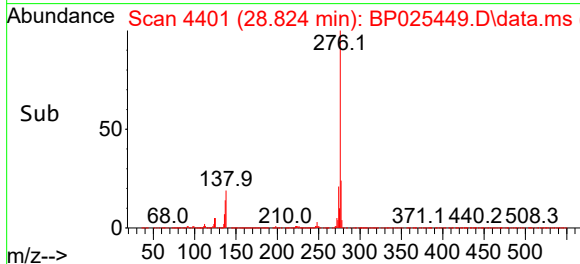
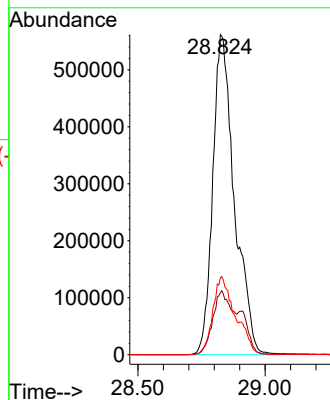
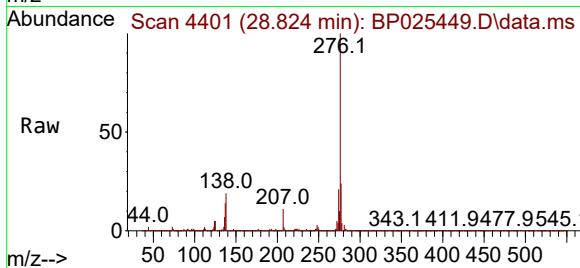
Tgt Ion:276 Resp: 3326865

Ion Ratio Lower Upper

276 100

138 18.0 12.9 19.3

277 25.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 43.253 ng

RT: 23.936 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

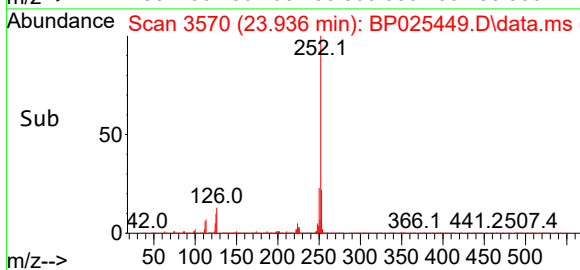
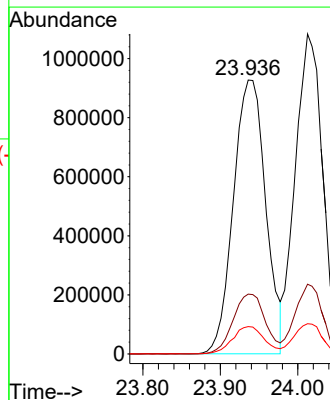
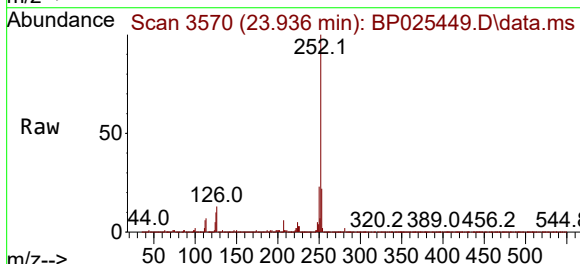
Tgt Ion:252 Resp: 2691417

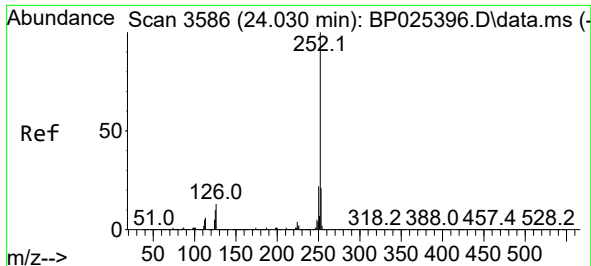
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.0 7.9 11.9

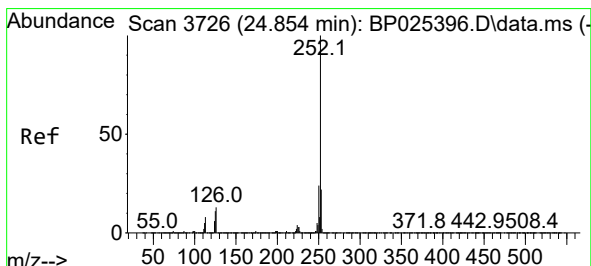
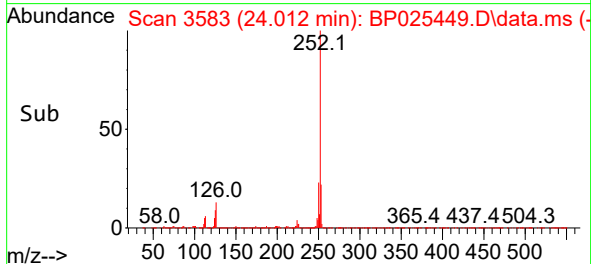
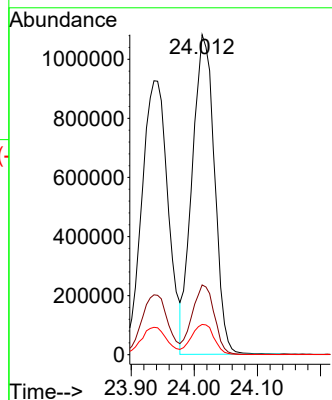
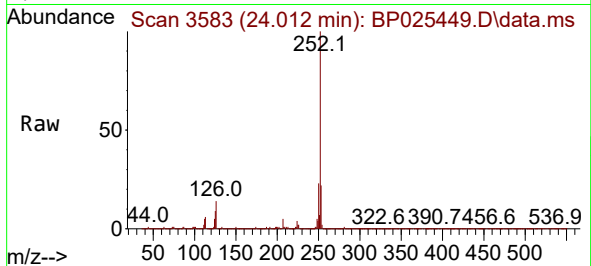




#89
Benzo(k)fluoranthene
Concen: 42.598 ng
RT: 24.012 min Scan# 3586
Delta R.T. -0.018 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

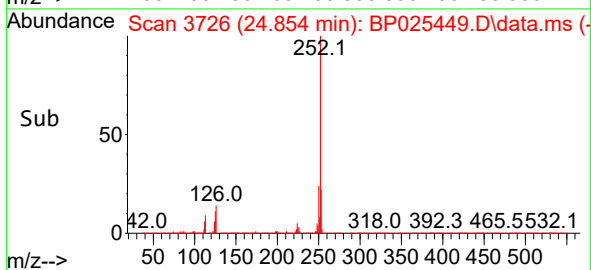
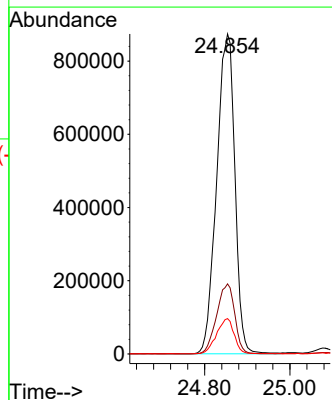
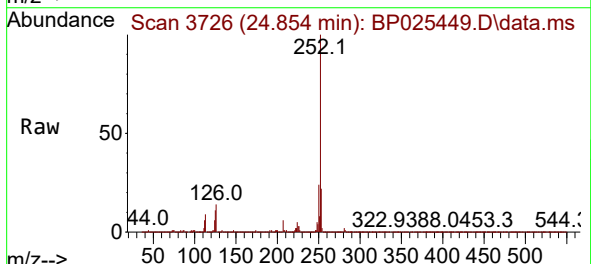
Instrument :
BNA_P
ClientSampleId :
TG-S01MS

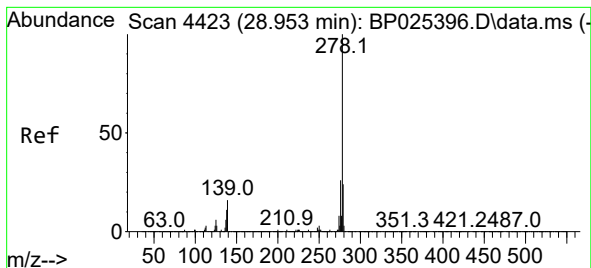
Tgt Ion:252 Resp: 2652463
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 42.808 ng
RT: 24.854 min Scan# 3726
Delta R.T. -0.000 min
Lab File: BP025449.D
Acq: 16 Aug 2025 07:26

Tgt Ion:252 Resp: 2592886
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 43.113 ng

RT: 28.912 min Scan# 4416

Delta R.T. -0.041 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Instrument :

BNA_P

ClientSampleId :

TG-S01MS

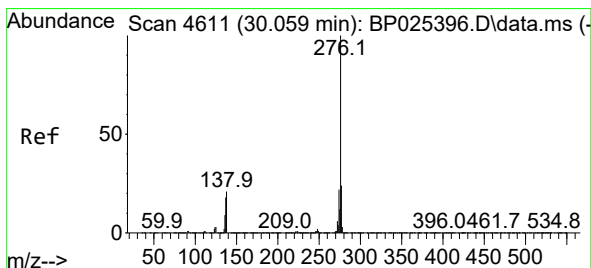
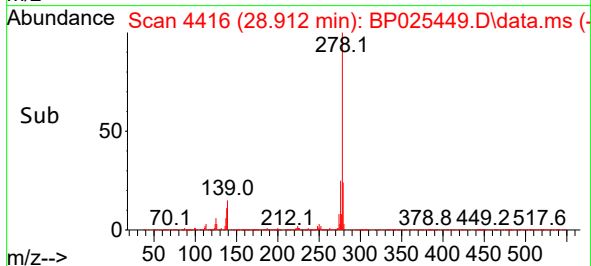
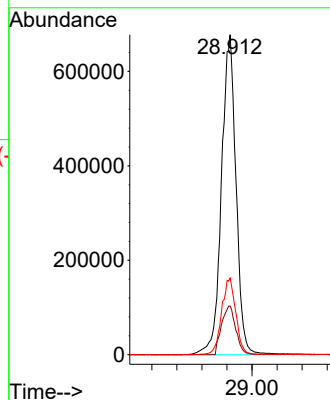
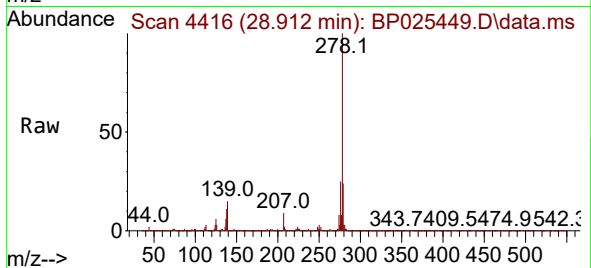
Tgt Ion:278 Resp: 2726506

Ion Ratio Lower Upper

278 100

139 15.2 13.0 19.4

279 24.0 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 43.082 ng

RT: 30.012 min Scan# 4603

Delta R.T. -0.047 min

Lab File: BP025449.D

Acq: 16 Aug 2025 07:26

Tgt Ion:276 Resp: 2678181

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 20.5 16.7 25.1

