

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025642.D
 Acq On : 02 Sep 2025 17:37
 Operator : CG/JU
 Sample : Q2989-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MSD

Quant Time: Sep 02 18:15:37 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	7.772	152	150511	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	590486	20.000	ng	-0.02
39) Acenaphthene-d10	14.383	164	380282	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	785697	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	824922	20.000	ng	0.00
86) Perylene-d12	25.006	264	951740	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	912469	100.679	ng	0.00
7) Phenol-d6	6.966	99	1166485	100.389	ng	0.00
23) Nitrobenzene-d5	8.913	82	739925	63.388	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	568596	111.084	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	1622254	58.302	ng	-0.02
79) Terphenyl-d14	19.913	244	2756690	61.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	160674	45.260	ng	97
3) Pyridine	3.713	79	450076	46.320	ng	94
4) n-Nitrosodimethylamine	3.625	42	220256	54.983	ng	92
6) Aniline	7.107	93	417181	26.647	ng	97
8) 2-Chlorophenol	7.349	128	530046	51.827	ng	96
9) Benzaldehyde	6.919	77	212857	26.147	ng	95
10) Phenol	6.990	94	633914	51.991	ng	97
11) bis(2-Chloroethyl)ether	7.201	93	467742	49.219	ng	97
12) 1,3-Dichlorobenzene	7.666	146	566147	50.202	ng	99
13) 1,4-Dichlorobenzene	7.807	146	571807	49.607	ng	99
14) 1,2-Dichlorobenzene	8.119	146	545518	48.891	ng	99
15) Benzyl Alcohol	8.007	79	466428	50.520	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.284	45	658583	51.732	ng	98
17) 2-Methylphenol	8.219	107	431924	51.006	ng	99
18) Hexachloroethane	8.837	117	217306	51.275	ng	99
19) n-Nitroso-di-n-propyla...	8.566	70	370511	48.139	ng	98
20) 3+4-Methylphenols	8.537	107	586247	49.944	ng	98
22) Acetophenone	8.584	105	760722	51.372	ng	# 98
24) Nitrobenzene	8.954	77	542261	51.979	ng	99
25) Isophorone	9.478	82	1041000	50.392	ng	98
26) 2-Nitrophenol	9.660	139	288917	53.963	ng	96
27) 2,4-Dimethylphenol	9.725	122	489749	53.192	ng	99
28) bis(2-Chloroethoxy)met...	9.948	93	625345	50.078	ng	99
29) 2,4-Dichlorophenol	10.201	162	486989	53.244	ng	98
30) 1,2,4-Trichlorobenzene	10.401	180	508562	50.722	ng	98
31) Naphthalene	10.595	128	1552751	50.593	ng	99
32) Benzoic acid	9.895	122	406137	59.748	ng	96
33) 4-Chloroaniline	10.695	127	240277	17.724	ng	98
34) Hexachlorobutadiene	10.878	225	327520	52.452	ng	98
35) Caprolactam	11.501	113	178963	53.361	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	564938	53.828	ng	96
37) 2-Methylnaphthalene	12.195	142	997978	49.967	ng	98
38) 1-Methylnaphthalene	12.419	142	1038091	48.874	ng	100
40) 1,2,4,5-Tetrachloroben...	12.566	216	583346	53.114	ng	99
41) Hexachlorocyclopentadiene	12.548	237	647230	97.560	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	410652	55.383	ng	99

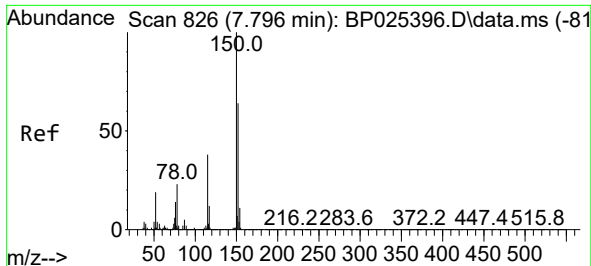
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	455356	56.035	ng	99
46) 1,1'-Biphenyl	13.213	154	1438478	52.084	ng	99
47) 2-Chloronaphthalene	13.254	162	1093886	50.877	ng	99
48) 2-Nitroaniline	13.460	65	361791	57.750	ng	97
49) Acenaphthylene	14.107	152	1861693	52.328	ng	99
50) Dimethylphthalate	13.842	163	1487417	53.413	ng	100
51) 2,6-Dinitrotoluene	13.960	165	322726	54.984	ng	96
52) Acenaphthene	14.454	154	1049445	50.253	ng	99
53) 3-Nitroaniline	14.295	138	190576	28.859	ng	93
54) 2,4-Dinitrophenol	14.513	184	391406	124.872	ng	97
55) Dibenzofuran	14.795	168	1693213	51.284	ng	99
56) 4-Nitrophenol	14.642	139	565850	104.275	ng	96
57) 2,4-Dinitrotoluene	14.754	165	475557	56.788	ng	95
58) Fluorene	15.448	166	1340672	51.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.030	232	396720	55.289	ng	99
60) Diethylphthalate	15.225	149	1565509	55.326	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	670418	51.743	ng	96
62) 4-Nitroaniline	15.478	138	346415	51.170	ng	98
63) Azobenzene	15.748	77	1478425	61.019	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	277946	56.751	ng	96
66) n-Nitrosodiphenylamine	15.672	169	1241513	51.818	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	450417	52.124	ng	96
68) Hexachlorobenzene	16.483	284	534029	53.313	ng	98
69) Atrazine	16.654	200	491276	54.752	ng	98
70) Pentachlorophenol	16.842	266	709330	112.179	ng	98
71) Phenanthrene	17.230	178	2215919	51.341	ng	99
72) Anthracene	17.330	178	2301659	52.220	ng	100
73) Carbazole	17.607	167	2183170	52.586	ng	99
74) Di-n-butylphthalate	18.195	149	2842640	55.653	ng	100
75) Fluoranthene	19.318	202	2678119	52.019	ng	99
77) Benzidine	19.518	184	1086334	38.587	ng	98
78) Pyrene	19.695	202	2747023	51.234	ng	99
80) Butylbenzylphthalate	20.648	149	1361147	56.014	ng	98
81) Benzo(a)anthracene	21.624	228	2817469	51.788	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	581383	28.352	ng	99
83) Chrysene	21.695	228	2635410	51.726	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1995975	55.799	ng	99
85) Di-n-octyl phthalate	22.836	149	3509362	57.037	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3714994	53.226	ng	99
88) Benzo(b)fluoranthene	23.936	252	2887889	51.458	ng	99
89) Benzo(k)fluoranthene	24.001	252	3004552	53.500	ng	99
90) Benzo(a)pyrene	24.842	252	2827051	51.749	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3039360	53.286	ng	98
92) Benzo(g,h,i)perylene	30.006	276	2953428	52.676	ng	99

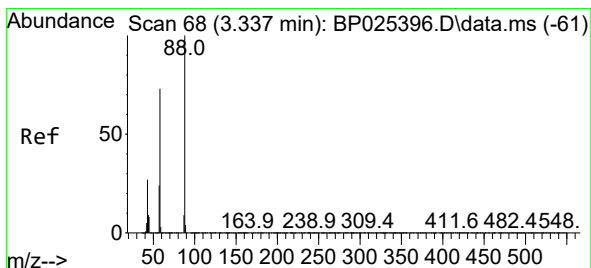
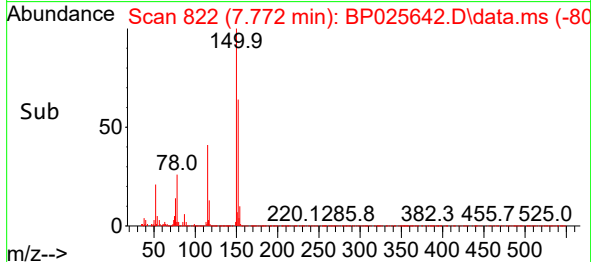
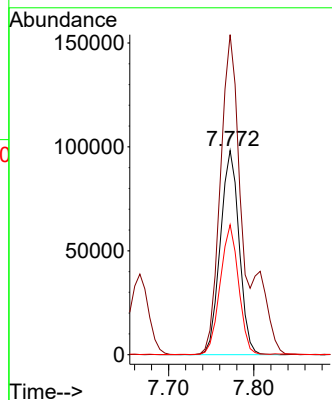
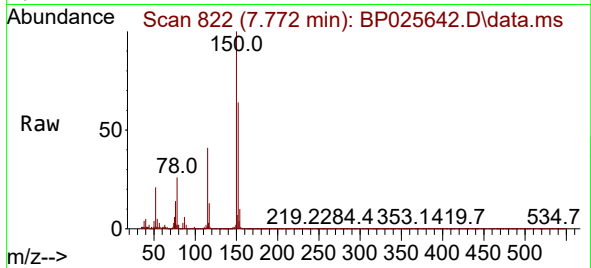
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025642.D
 Acq: 02 Sep 2025 17:37

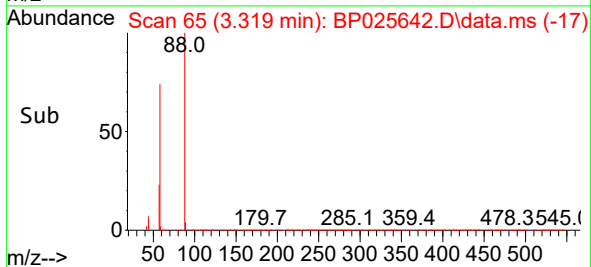
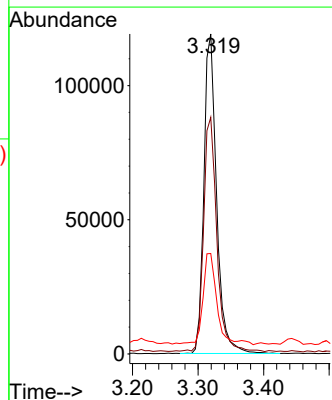
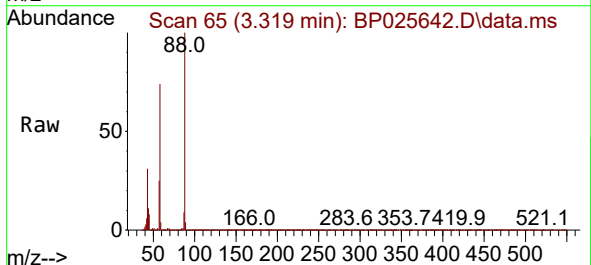
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 SOUTH-TP-5MSD

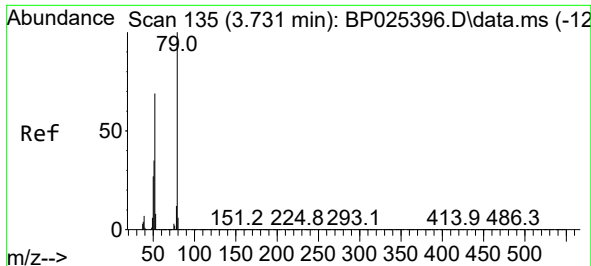
Tgt Ion:152 Resp: 150511
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.9 188.9
 115 63.7 48.5 72.7



#2
 1,4-Dioxane
 Concen: 45.260 ng
 RT: 3.319 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025642.D
 Acq: 02 Sep 2025 17:37

Tgt Ion: 88 Resp: 160674
 Ion Ratio Lower Upper
 88 100
 58 76.4 59.2 88.8
 43 29.4 21.7 32.5

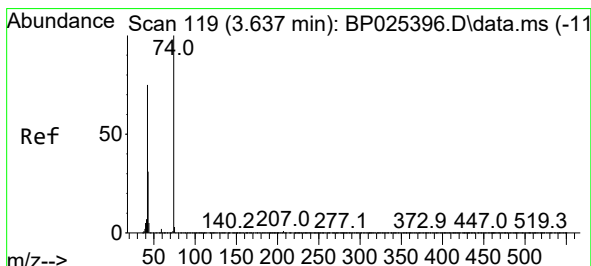
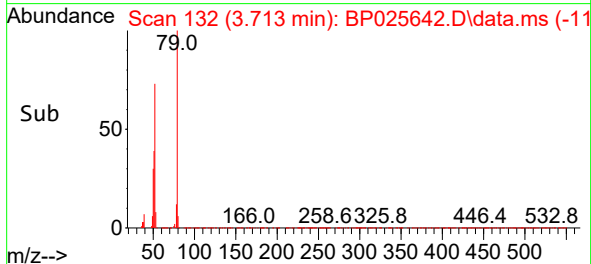
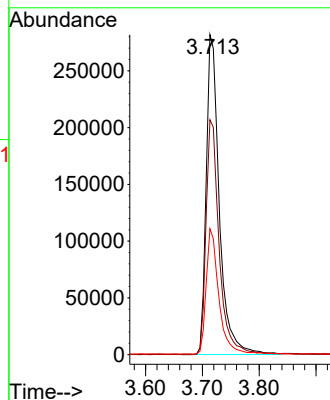
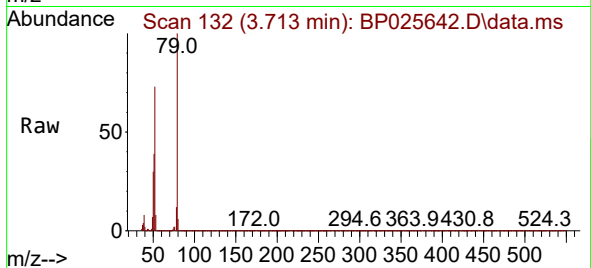




#3
Pyridine
Concen: 46.320 ng
RT: 3.713 min Scan# 117
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

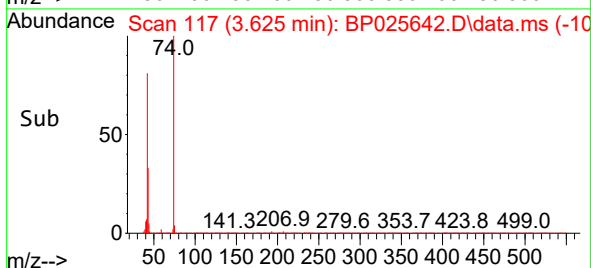
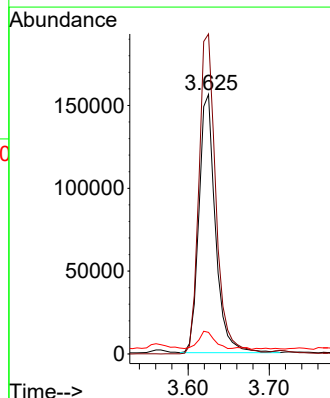
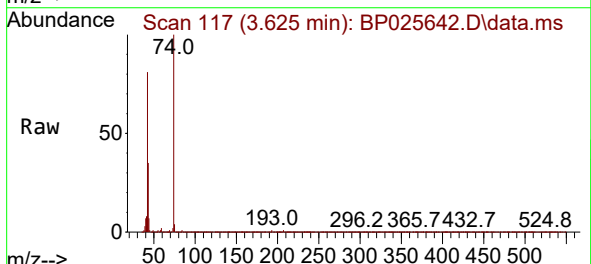
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BNA_P
ClientSampleId :
SOUTH-TP-5MSD

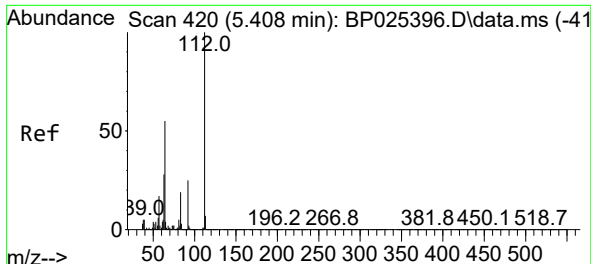
Tgt Ion: 79 Resp: 450076
Ion Ratio Lower Upper
79 100
52 73.4 55.5 83.3
51 39.3 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 54.983 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 42 Resp: 220256
Ion Ratio Lower Upper
42 100
74 123.3 107.0 160.4
44 8.3 6.2 9.4

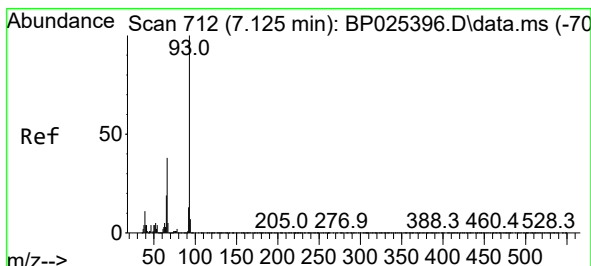
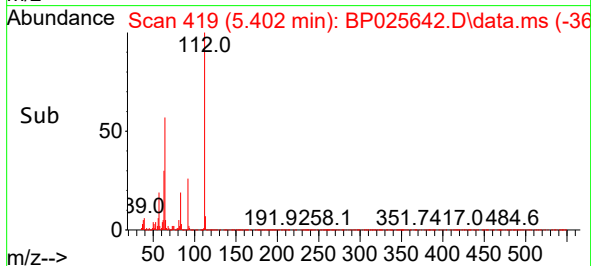
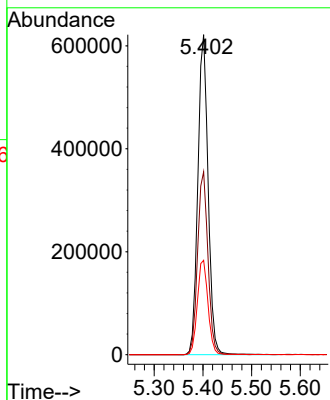
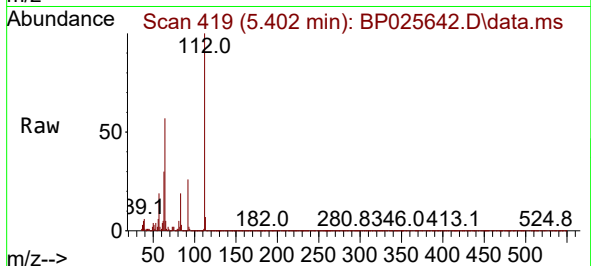




#5
2-Fluorophenol
Concen: 100.679 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

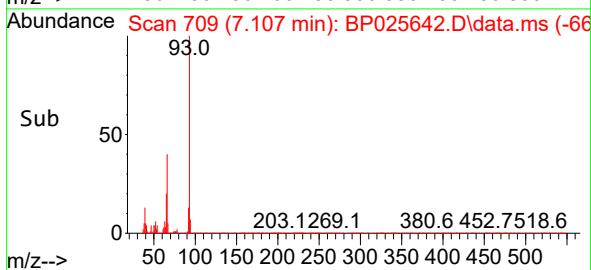
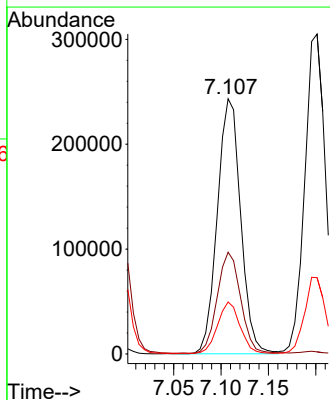
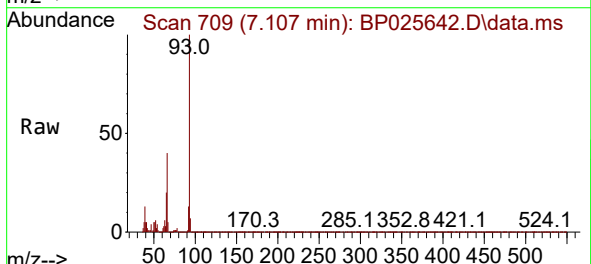
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ClientSampleId :
SOUTH-TP-5MSD

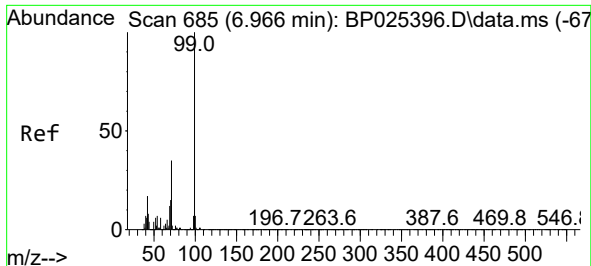
Tgt Ion:112 Resp: 912469
Ion Ratio Lower Upper
112 100
64 57.1 43.8 65.8
63 29.5 22.7 34.1



#6
Aniline
Concen: 26.647 ng
RT: 7.107 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 93 Resp: 417181
Ion Ratio Lower Upper
93 100
66 39.9 30.4 45.6
65 20.4 15.3 22.9



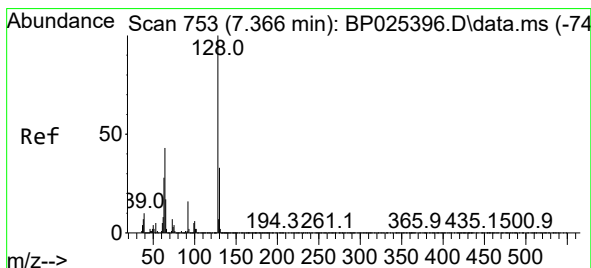
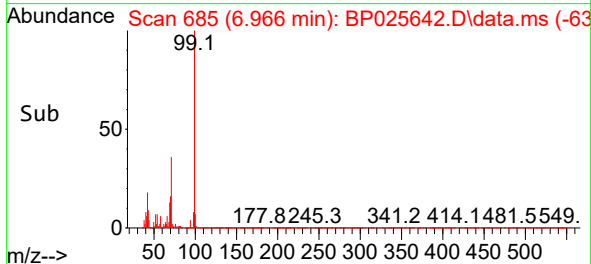
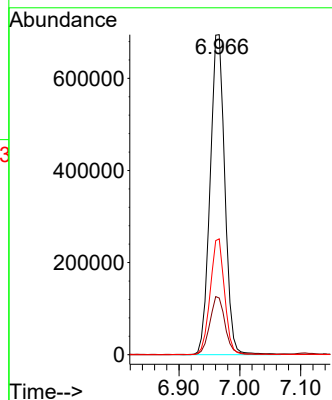
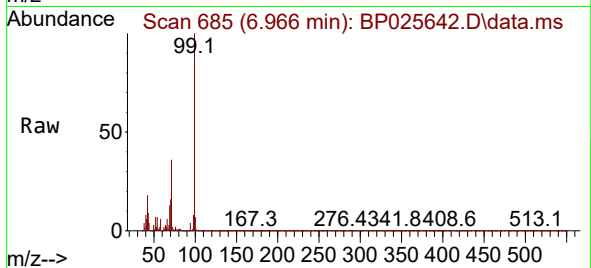


#7
Phenol-d6
Concen: 100.389 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 99 Resp: 1166485

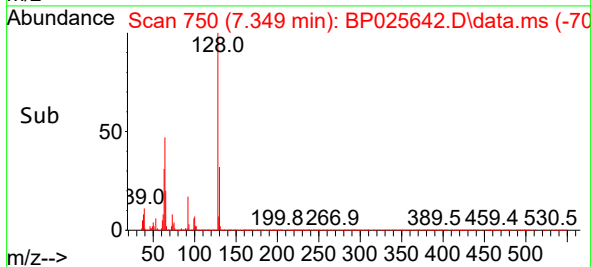
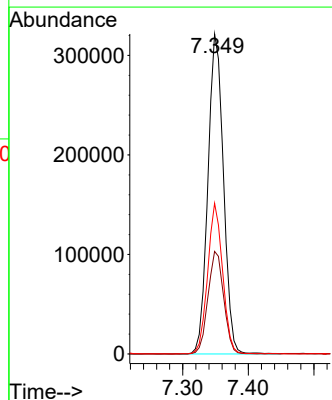
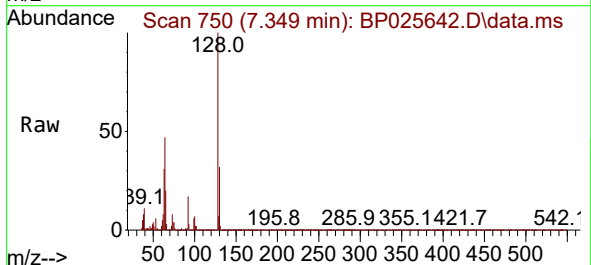
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	36.2	28.2	42.4

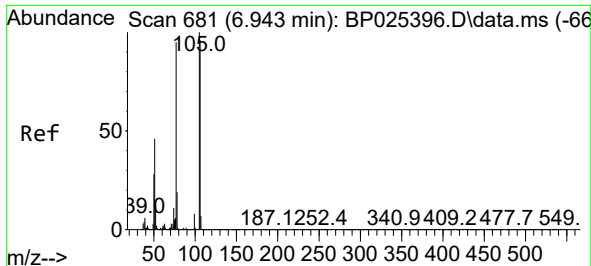


#8
2-Chlorophenol
Concen: 51.827 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 128 Resp: 530046

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.6	52.6
64	47.1	23.4	63.4

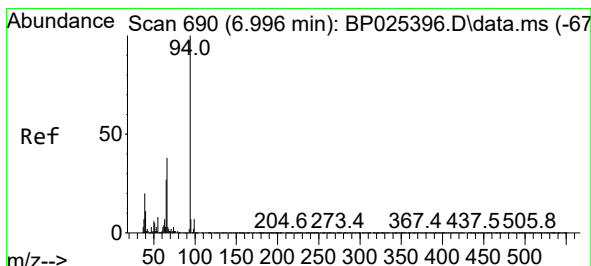
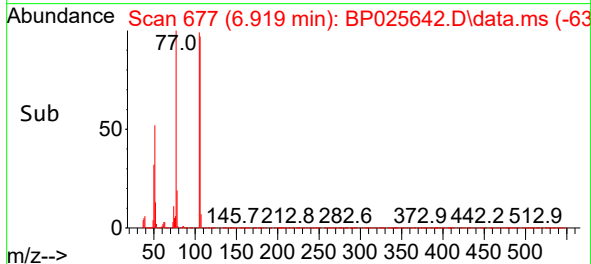
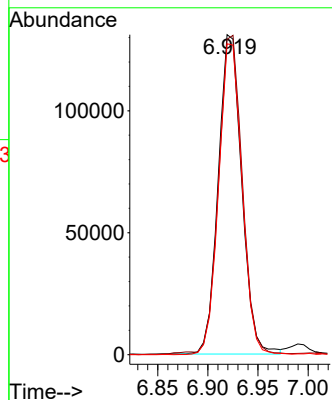
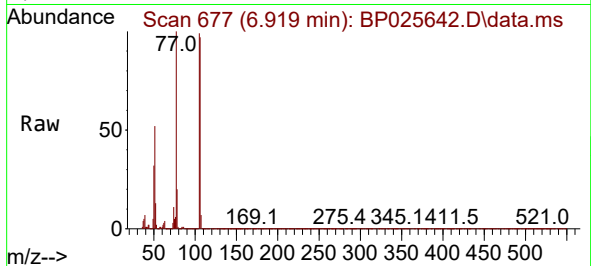




#9
Benzaldehyde
Concen: 26.147 ng
RT: 6.919 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

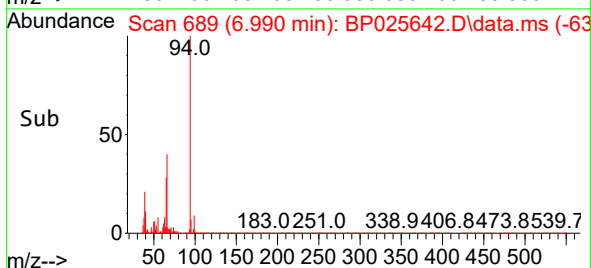
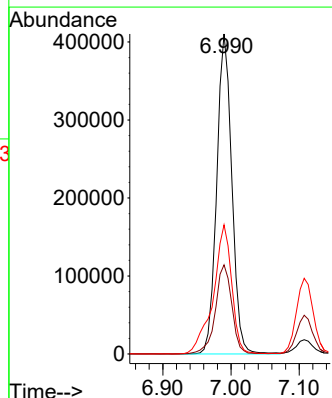
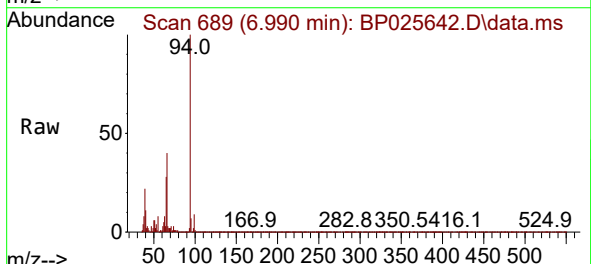
Instrument :
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ClientSampleId :
SOUTH-TP-5MSD

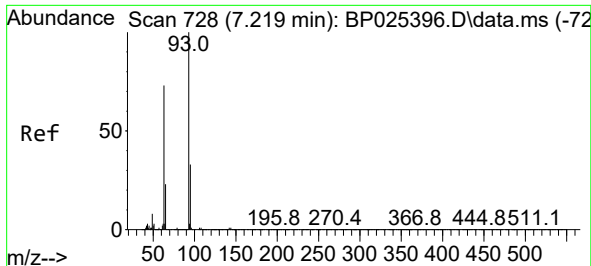
Tgt Ion: 77 Resp: 212857
Ion Ratio Lower Upper
77 100
105 98.6 84.8 124.8
106 97.1 80.5 120.5



#10
Phenol
Concen: 51.991 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 94 Resp: 633914
Ion Ratio Lower Upper
94 100
65 27.8 6.8 46.8
66 40.4 18.2 58.2

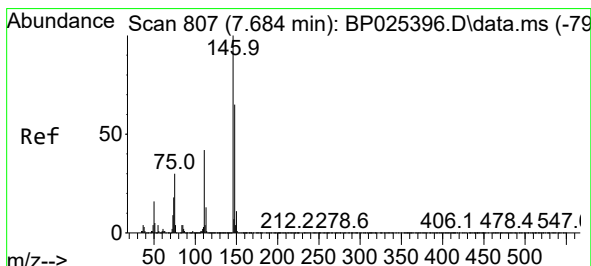
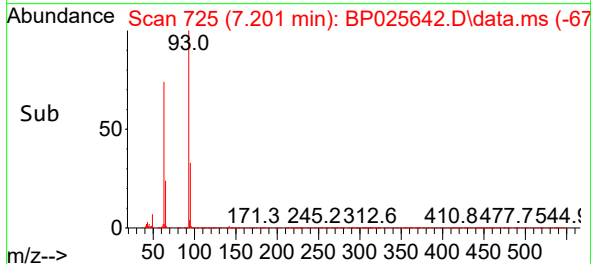
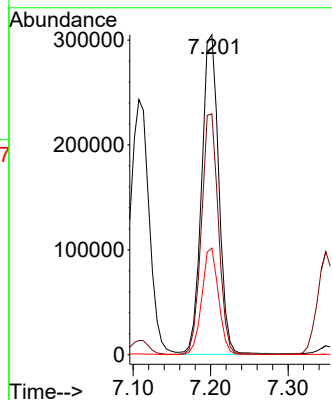
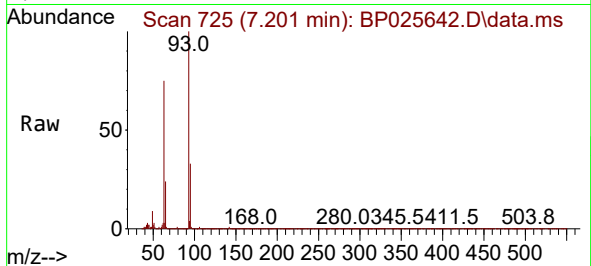




#11
bis(2-Chloroethyl)ether
Concen: 49.219 ng
RT: 7.201 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

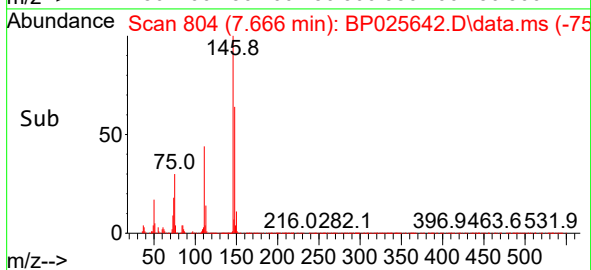
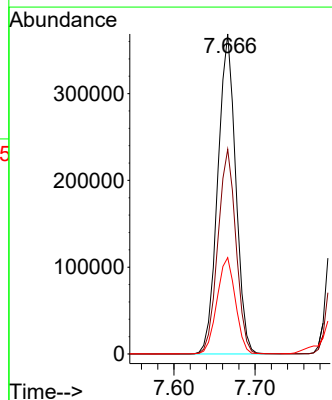
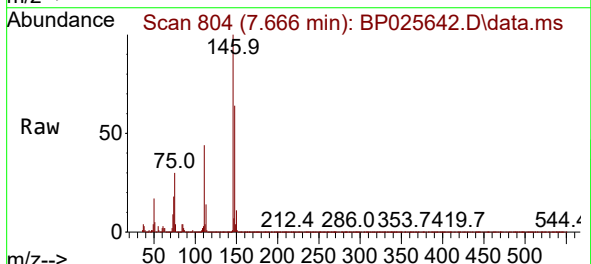
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

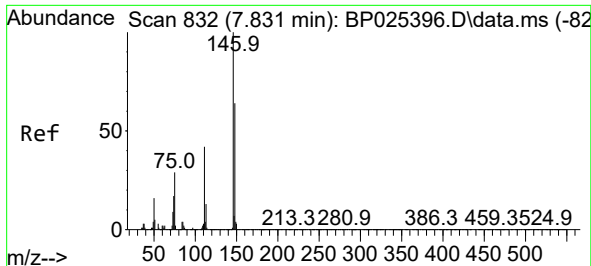
Tgt Ion: 93 Resp: 467742
Ion Ratio Lower Upper
93 100
63 75.3 52.6 92.6
95 33.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.202 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 146 Resp: 566147
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 30.1 23.7 35.5

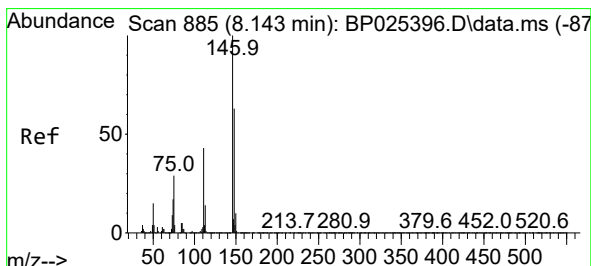
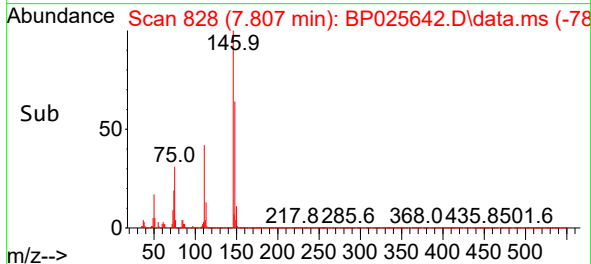
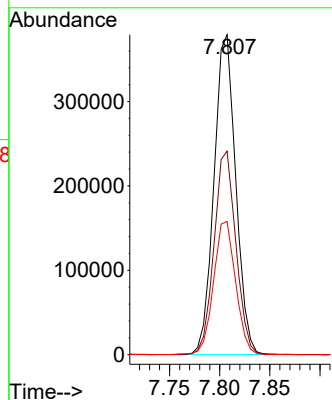
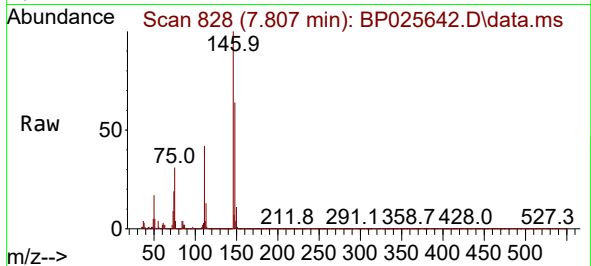




#13
1,4-Dichlorobenzene
Concen: 49.607 ng
RT: 7.807 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

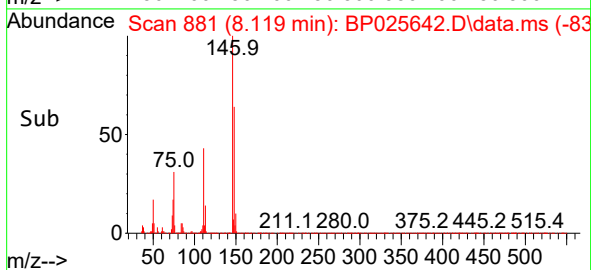
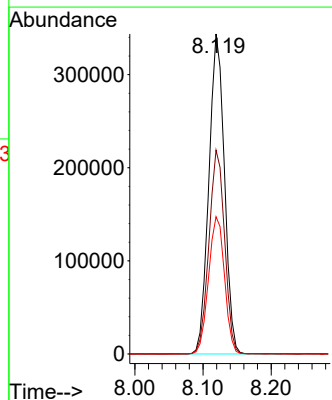
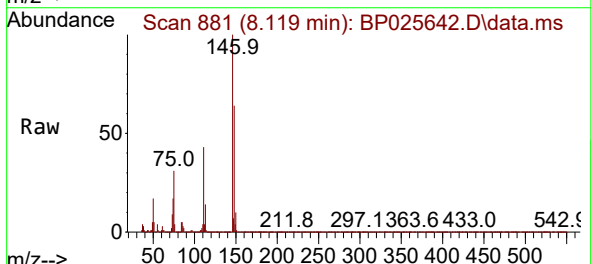
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:146 Resp: 571807
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 41.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 48.891 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:146 Resp: 545518
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
111 42.9 34.5 51.7

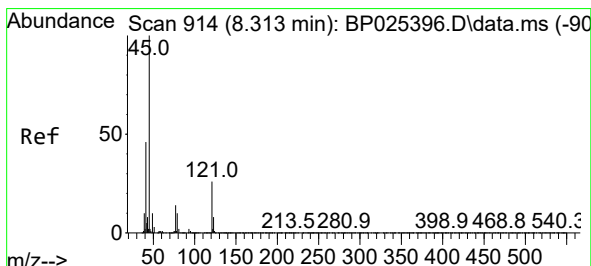
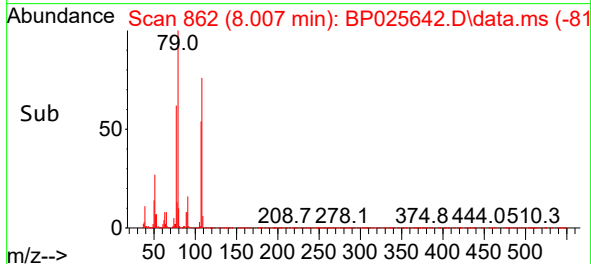
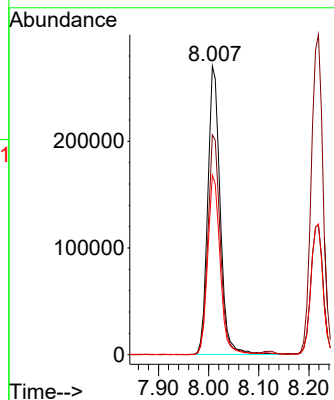
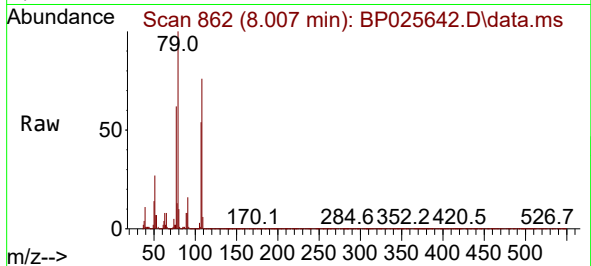




#15
Benzyl Alcohol
Concen: 50.520 ng
RT: 8.007 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

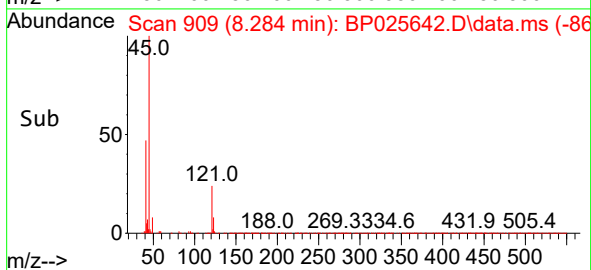
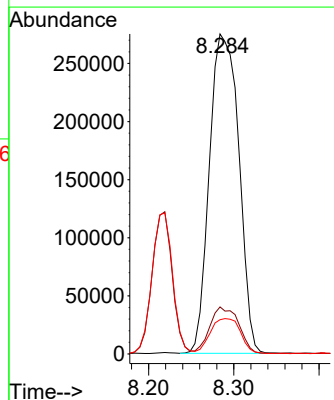
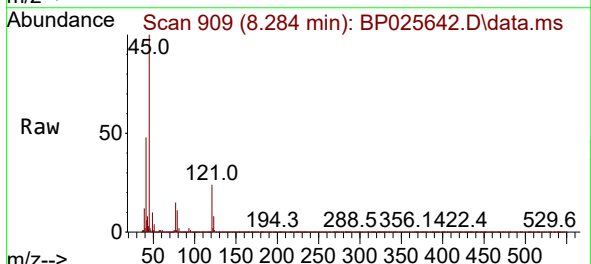
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

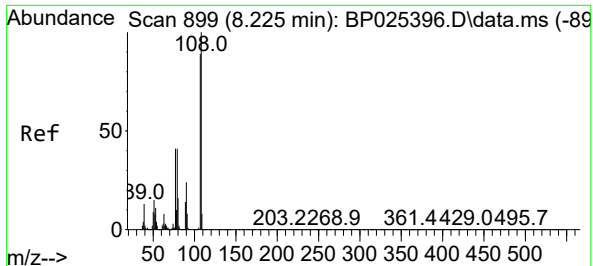
Tgt Ion: 79 Resp: 466428
Ion Ratio Lower Upper
79 100
108 76.2 63.8 95.6
77 62.2 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.732 ng
RT: 8.284 min Scan# 909
Delta R.T. -0.030 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 45 Resp: 658583
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.3
79 10.7 0.0 31.8





#17

2-Methylphenol

Concen: 51.006 ng

RT: 8.219 min Scan# 899

Delta R.T. -0.006 min

Lab File: BP025642.D

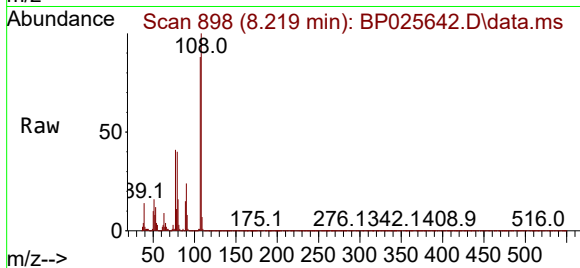
Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD



Tgt Ion:107 Resp: 431924

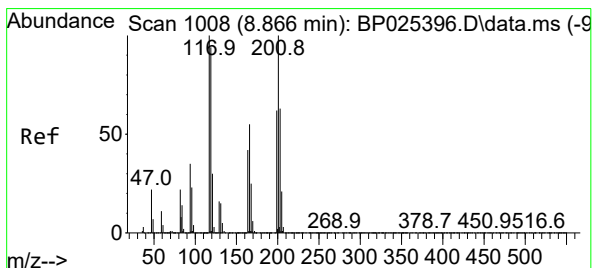
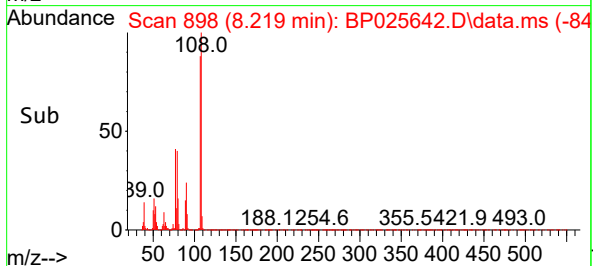
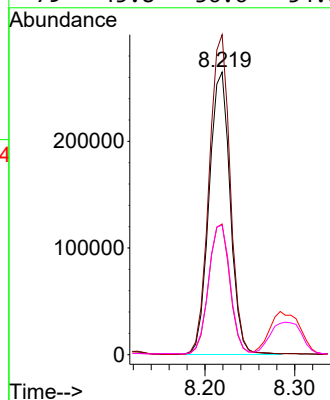
Ion Ratio Lower Upper

107 100

108 113.2 89.4 134.0

77 46.2 36.3 54.5

79 45.8 36.6 54.8



#18

Hexachloroethane

Concen: 51.275 ng

RT: 8.837 min Scan# 1003

Delta R.T. -0.030 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

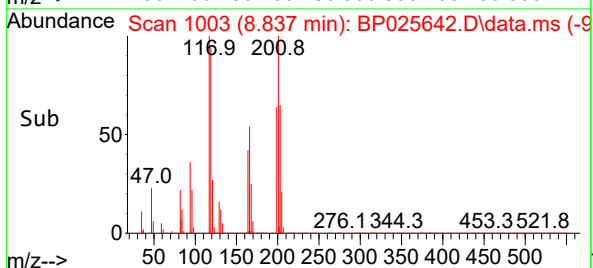
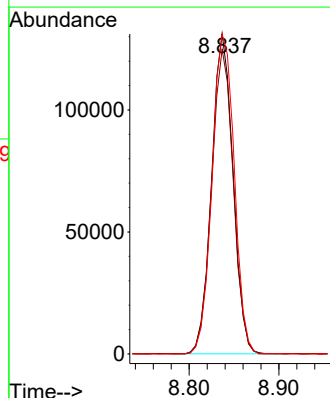
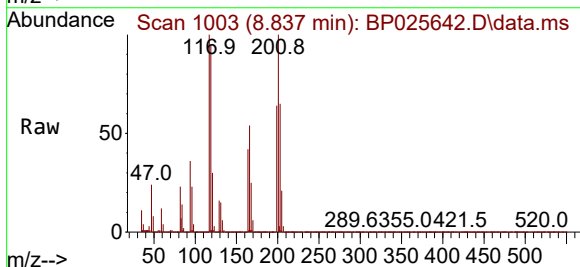
Tgt Ion:117 Resp: 217306

Ion Ratio Lower Upper

117 100

119 95.2 75.1 112.7

201 100.0 80.1 120.1



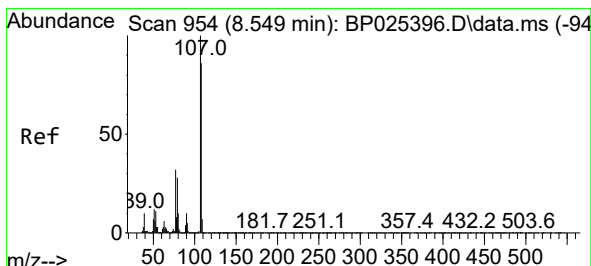
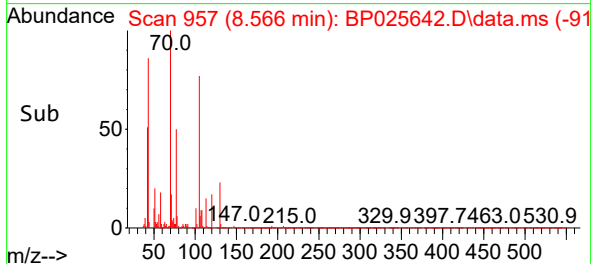
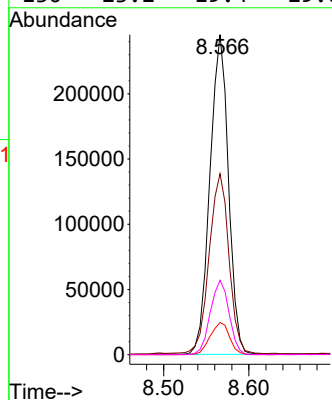
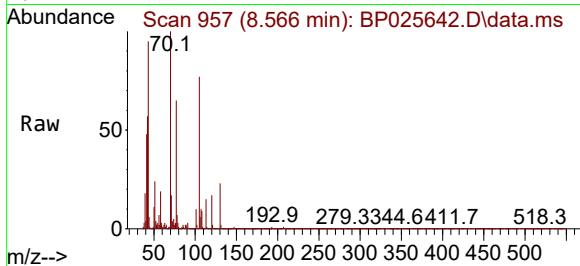


#19
n-Nitroso-di-n-propylamine
Concen: 48.139 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 70 Resp: 370511

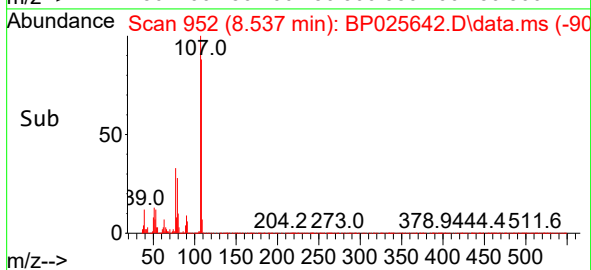
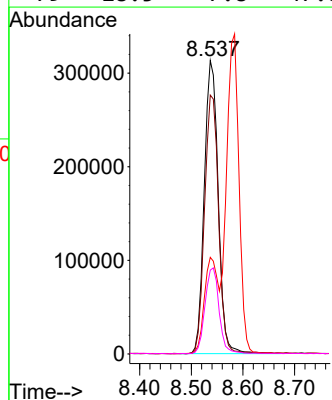
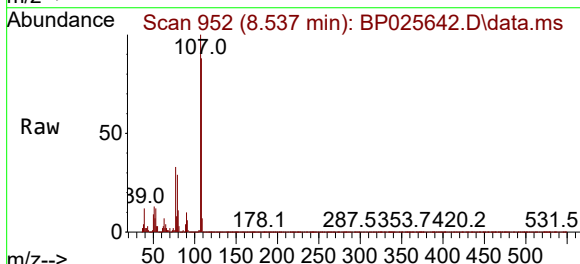
Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.8	65.6
101	10.0	8.5	12.7
130	23.2	19.4	29.0

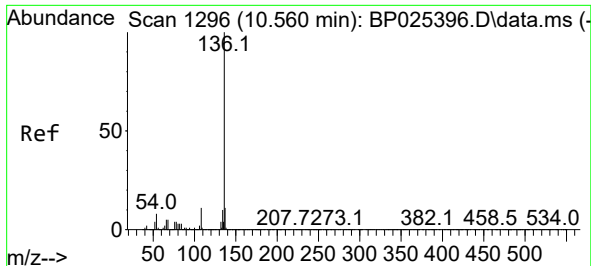


#20
3+4-Methylphenols
Concen: 49.944 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 107 Resp: 586247

Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.3	106.3
77	33.0	12.3	52.3
79	28.5	7.8	47.8

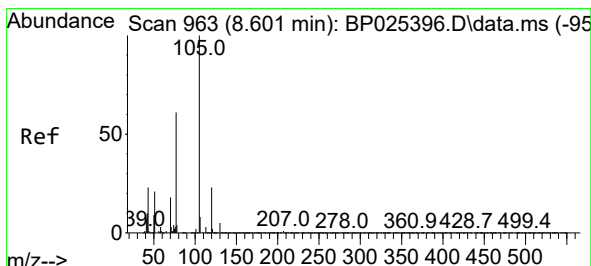
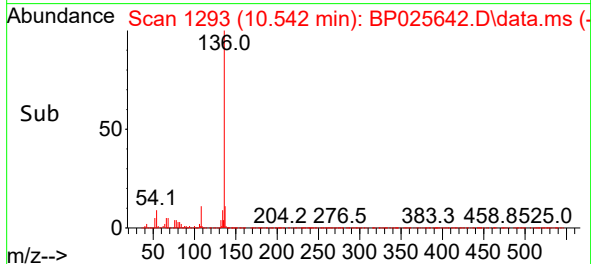
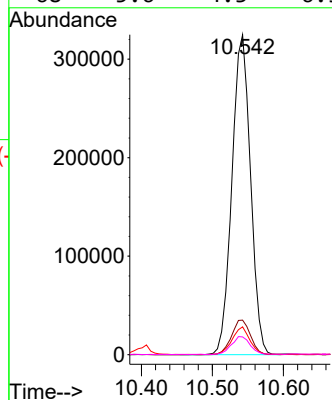
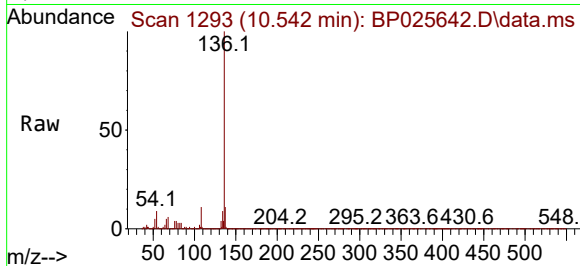




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

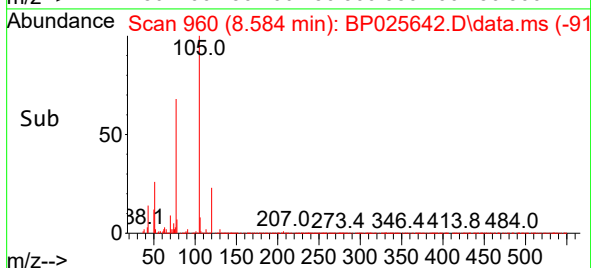
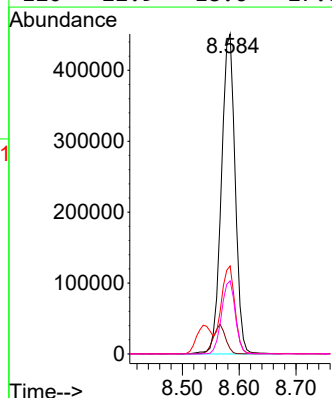
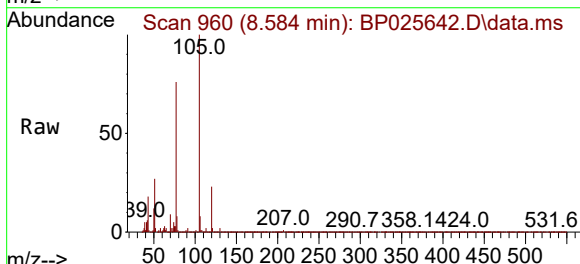
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

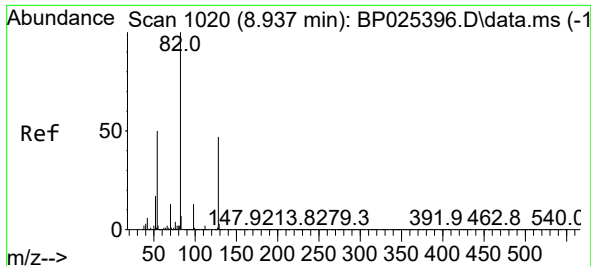
Tgt Ion:136 Resp: 590486
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.7 6.0 9.0
68 5.6 4.3 6.5



#22
Acetophenone
Concen: 51.372 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:105 Resp: 760722
Ion Ratio Lower Upper
105 100
71 1.7 2.6 4.0#
51 27.5 20.6 30.8
120 22.9 18.6 27.8

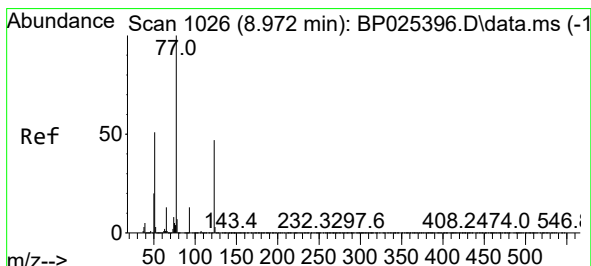
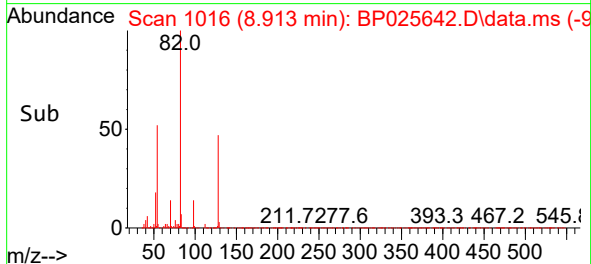
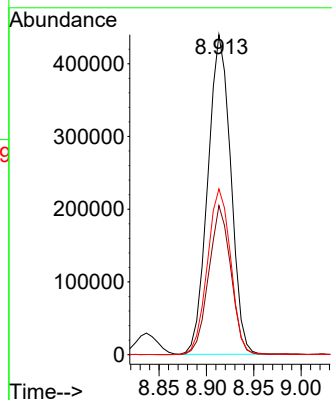
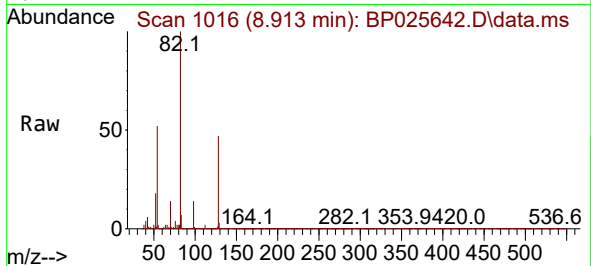




#23
Nitrobenzene-d5
Concen: 63.388 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

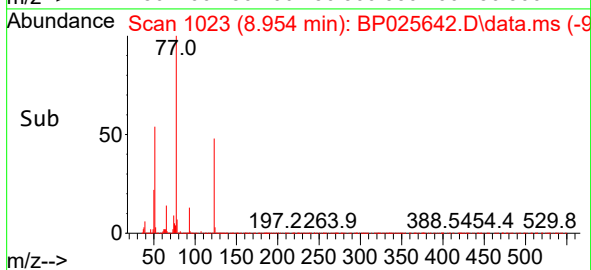
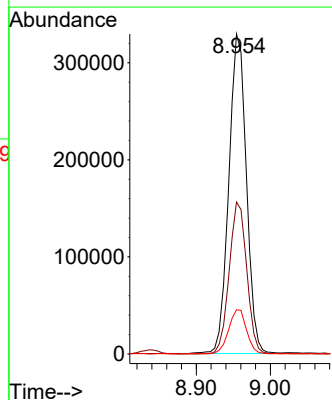
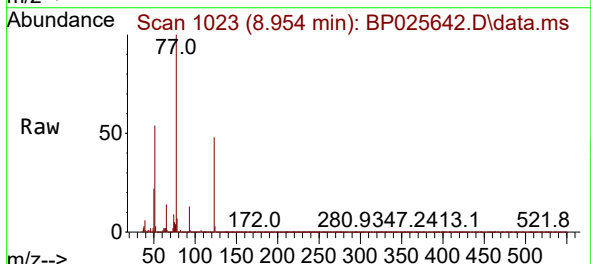
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

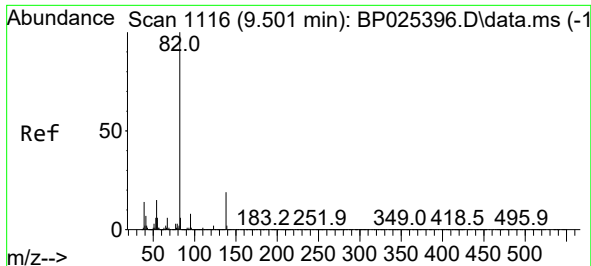
Tgt Ion: 82 Resp: 739925
Ion Ratio Lower Upper
82 100
128 46.6 37.7 56.5
54 51.8 39.8 59.6



#24
Nitrobenzene
Concen: 51.979 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 77 Resp: 542261
Ion Ratio Lower Upper
77 100
123 47.5 38.6 58.0
65 13.8 10.6 15.8

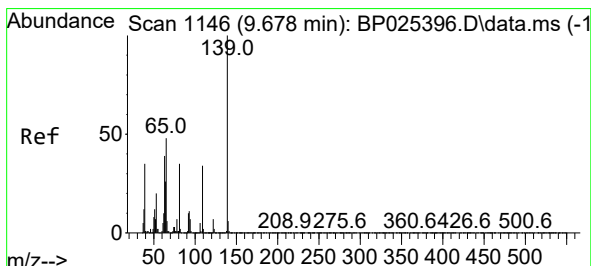
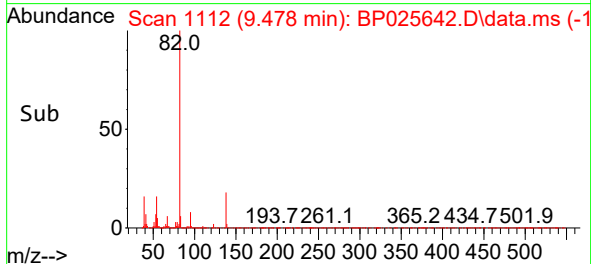
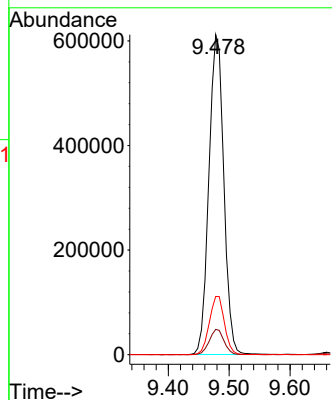
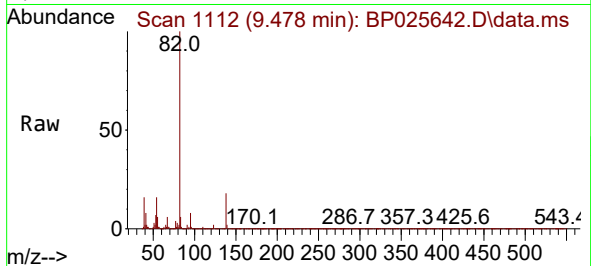




#25
Isophorone
Concen: 50.392 ng
RT: 9.478 min Scan# 1116
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

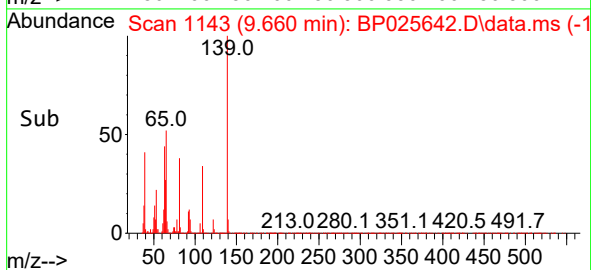
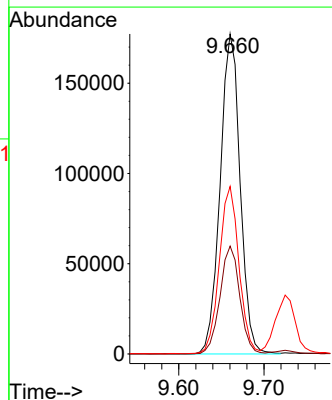
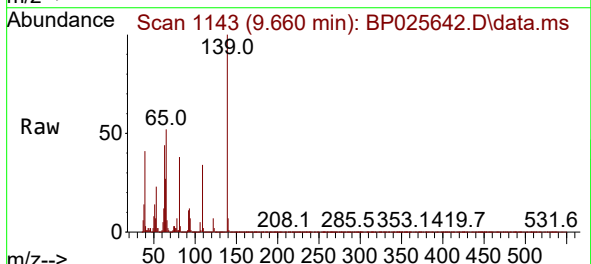
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 82 Resp: 1041000
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.2 15.4 23.0



#26
2-Nitrophenol
Concen: 53.963 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:139 Resp: 288917
Ion Ratio Lower Upper
139 100
109 33.7 26.9 40.3
65 52.3 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 53.192 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

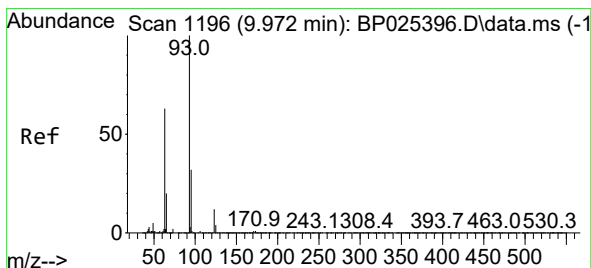
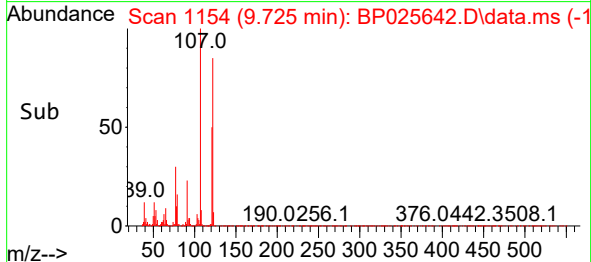
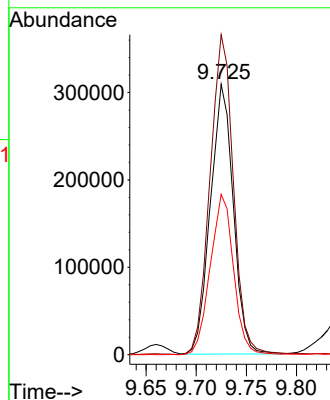
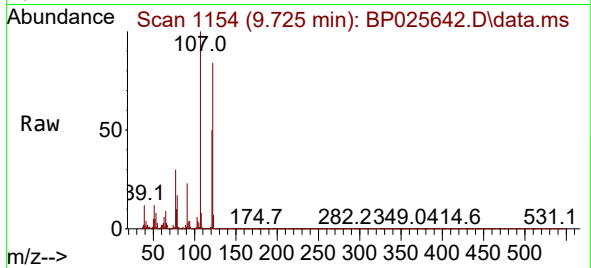
Tgt Ion:122 Resp: 489749

Ion Ratio Lower Upper

122 100

107 118.4 93.7 140.5

121 59.3 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.078 ng

RT: 9.948 min Scan# 1192

Delta R.T. -0.024 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

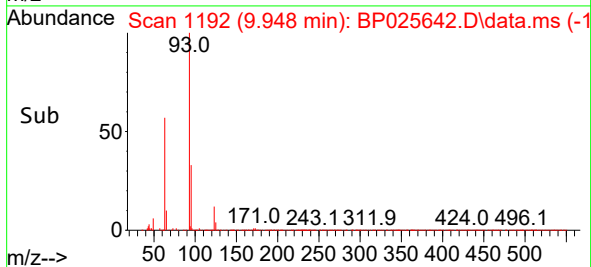
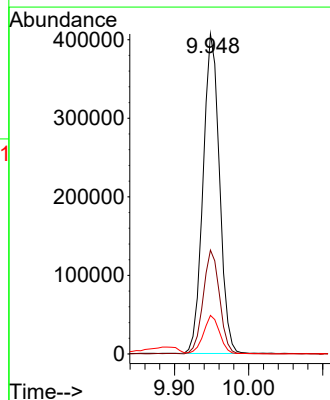
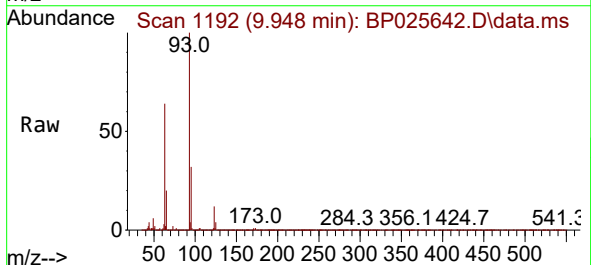
Tgt Ion: 93 Resp: 625345

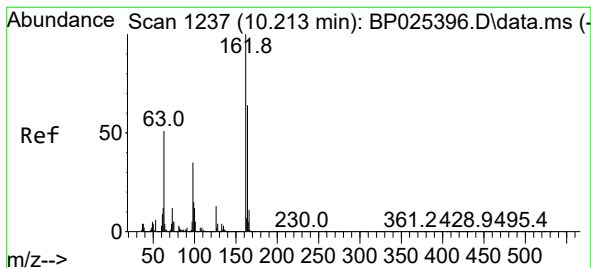
Ion Ratio Lower Upper

93 100

95 32.4 25.4 38.0

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.244 ng

RT: 10.201 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

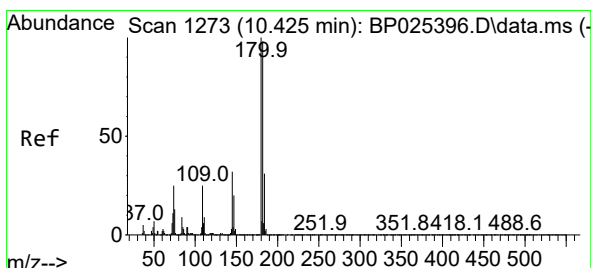
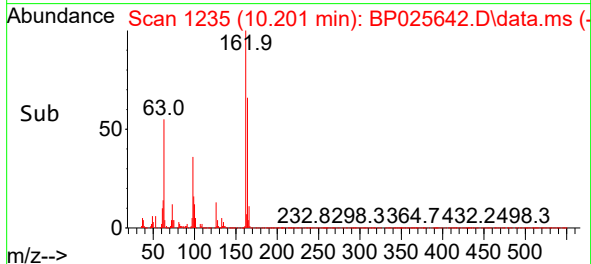
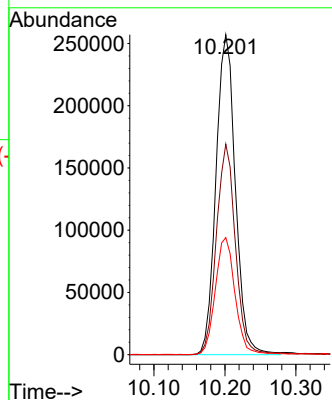
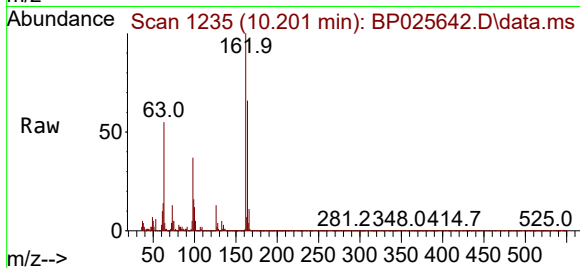
Tgt Ion:162 Resp: 486989

Ion Ratio Lower Upper

162 100

164 65.8 44.4 84.4

98 36.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 50.722 ng

RT: 10.401 min Scan# 1269

Delta R.T. -0.024 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

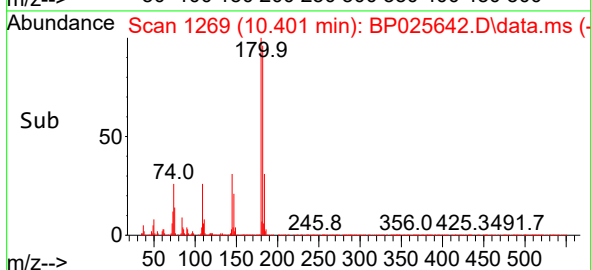
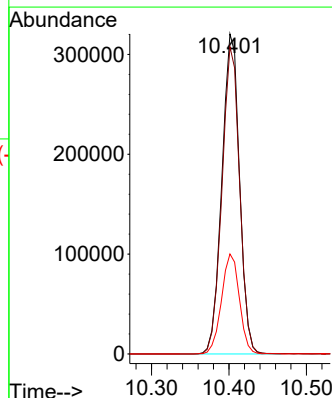
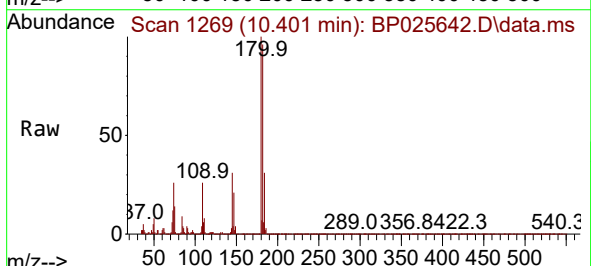
Tgt Ion:180 Resp: 508562

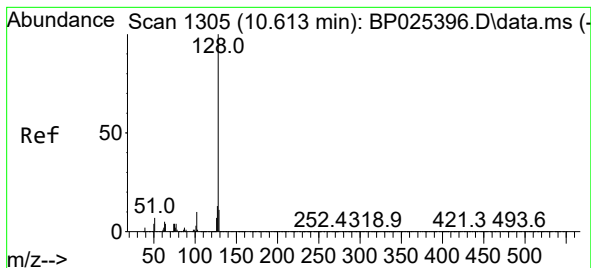
Ion Ratio Lower Upper

180 100

182 96.0 78.0 117.0

145 31.3 25.9 38.9





#31

Naphthalene

Concen: 50.593 ng

RT: 10.595 min Scan# 1183

Delta R.T. -0.018 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

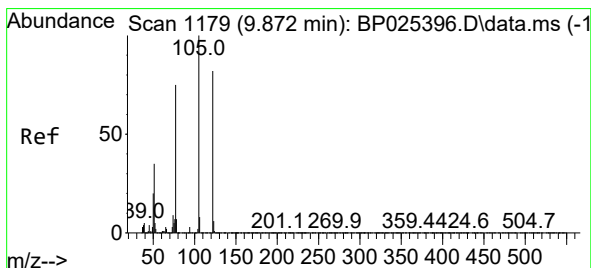
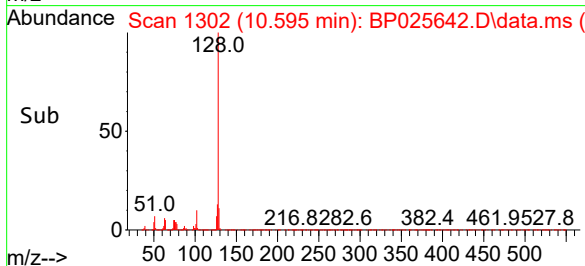
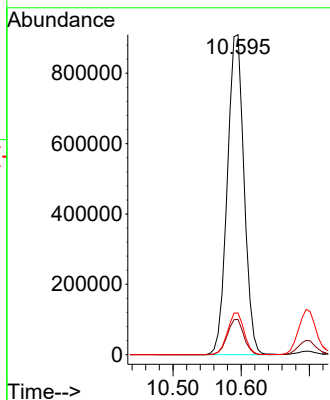
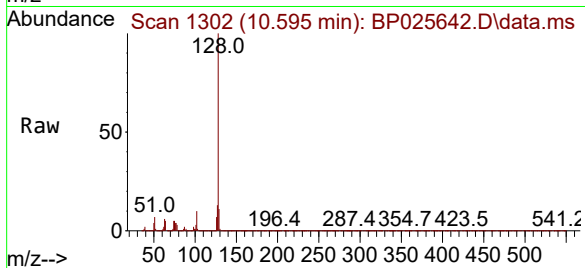
Tgt Ion:128 Resp: 1552751

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 59.748 ng

RT: 9.895 min Scan# 1183

Delta R.T. 0.023 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

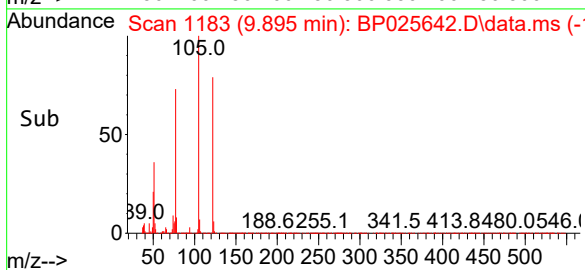
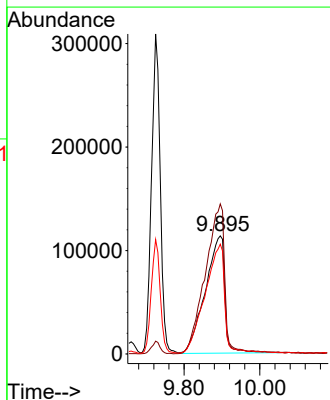
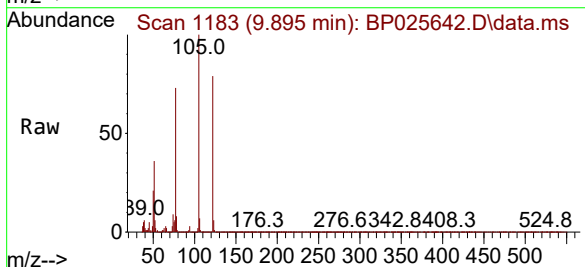
Tgt Ion:122 Resp: 406137

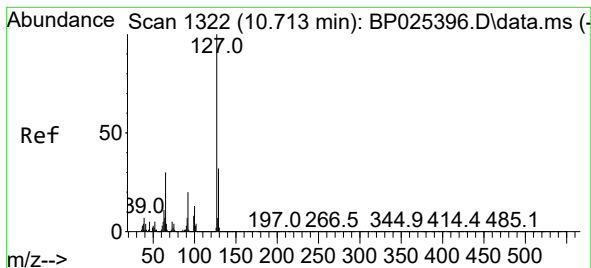
Ion Ratio Lower Upper

122 100

105 127.0 100.6 140.6

77 92.9 71.5 111.5

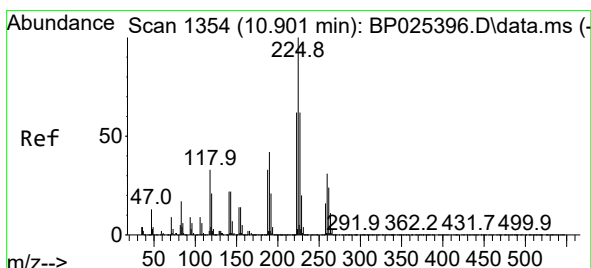
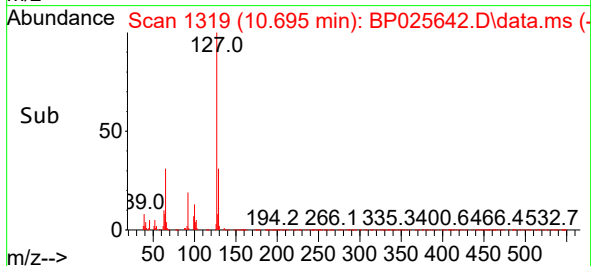
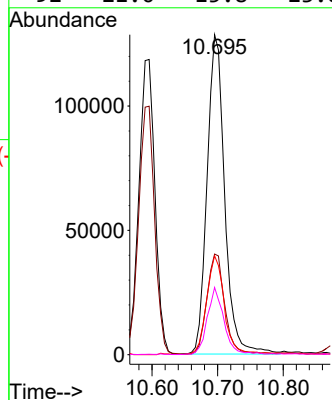
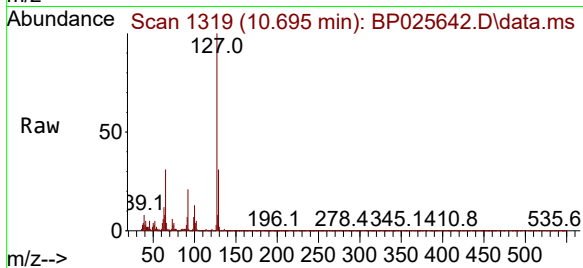




#33
4-Chloroaniline
Concen: 17.724 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

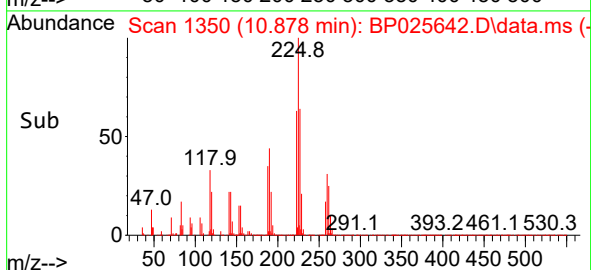
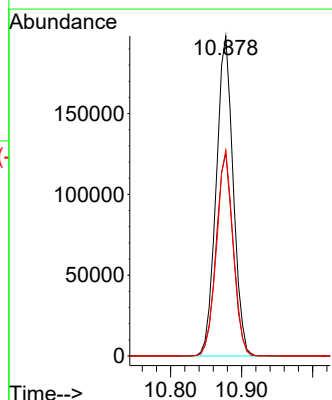
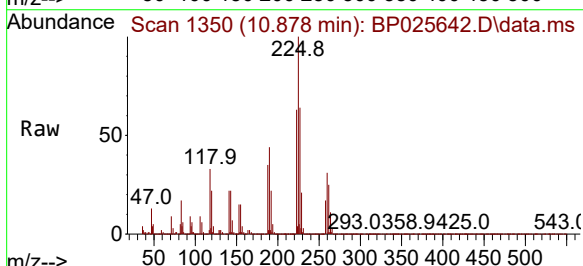
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

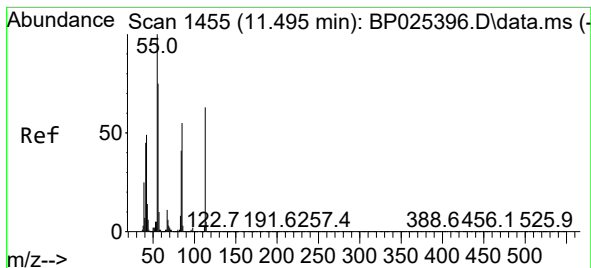
Tgt Ion:127	Resp: 240277
Ion Ratio	Lower Upper
127 100	
129 31.5	25.4 38.2
65 30.9	23.8 35.6
92 21.0	15.8 23.8



#34
Hexachlorobutadiene
Concen: 52.452 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:225	Resp: 327520
Ion Ratio	Lower Upper
225 100	
223 63.4	50.0 75.0
227 64.2	49.7 74.5

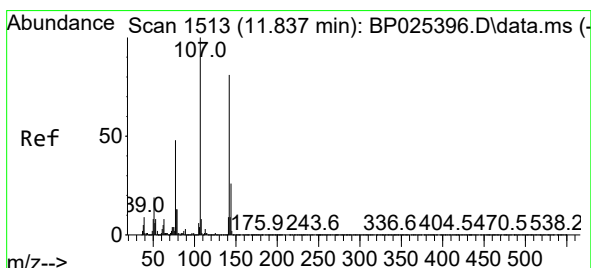
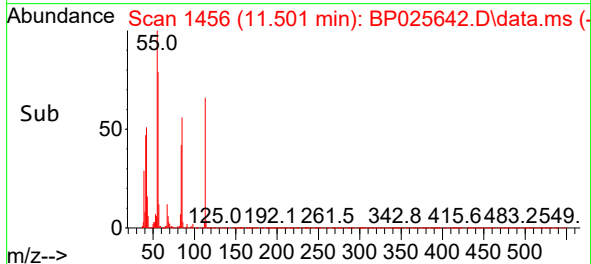
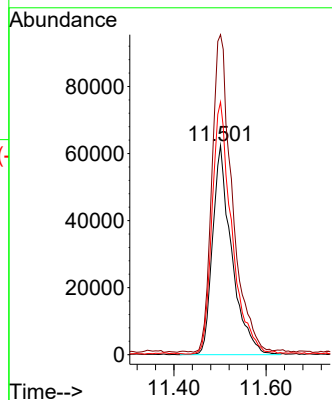
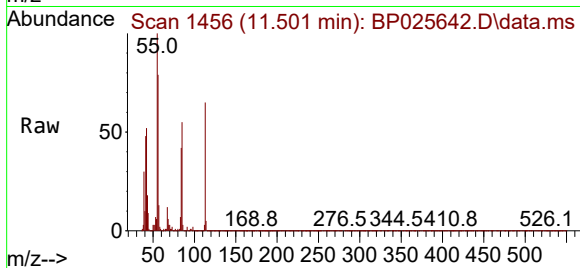




#35
Caprolactam
Concen: 53.361 ng
RT: 11.501 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

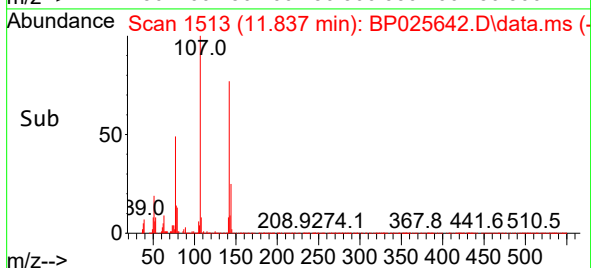
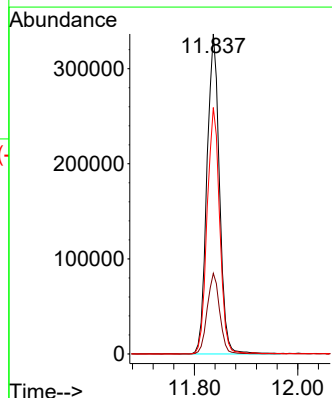
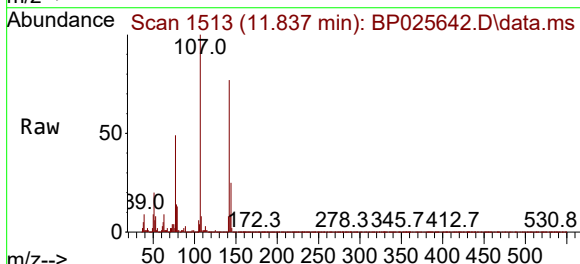
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

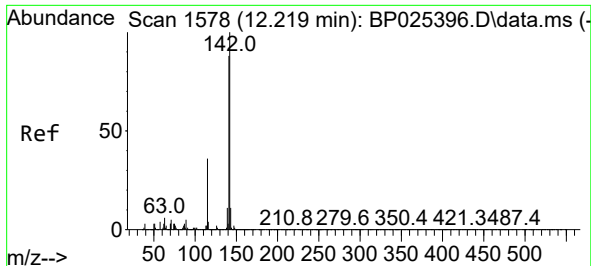
Tgt Ion:113 Resp: 178963
Ion Ratio Lower Upper
113 100
55 153.0 140.0 180.0
56 120.8 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 53.828 ng
RT: 11.837 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:107 Resp: 564938
Ion Ratio Lower Upper
107 100
144 25.2 21.0 31.4
142 77.0 64.6 97.0

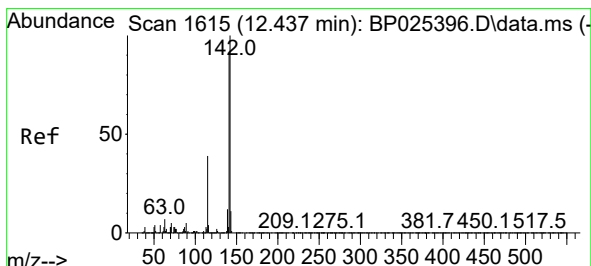
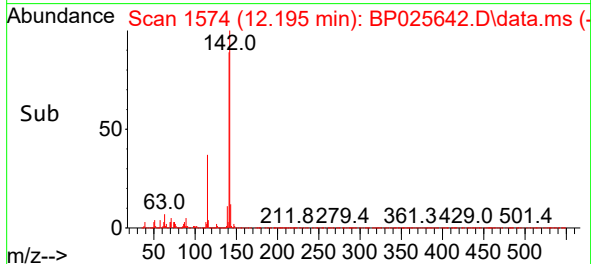
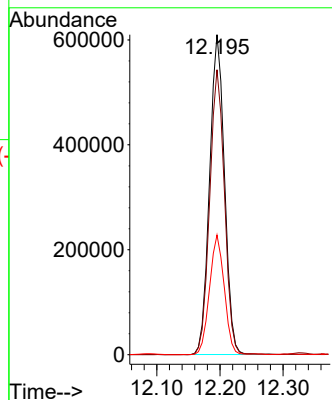
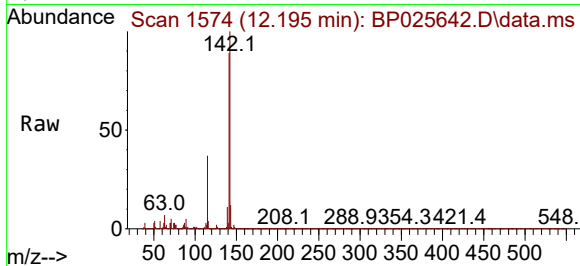




#37
2-Methylnaphthalene
Concen: 49.967 ng
RT: 12.195 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

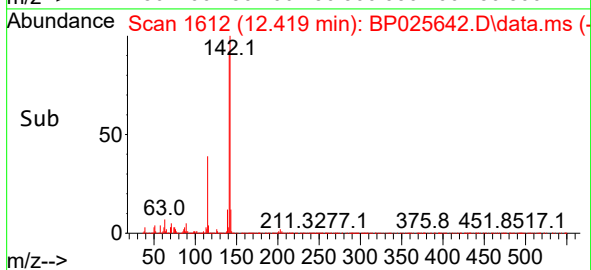
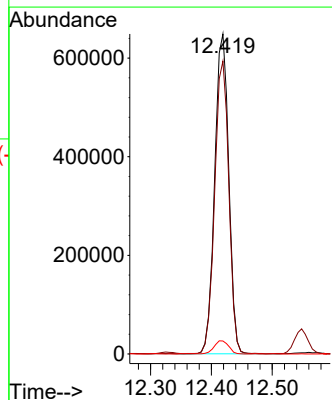
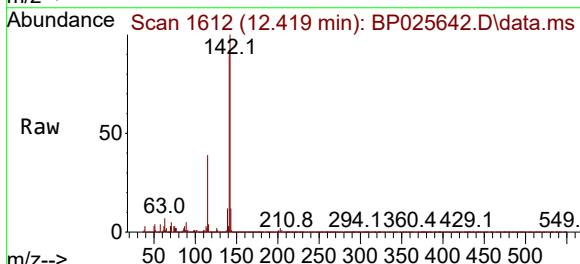
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

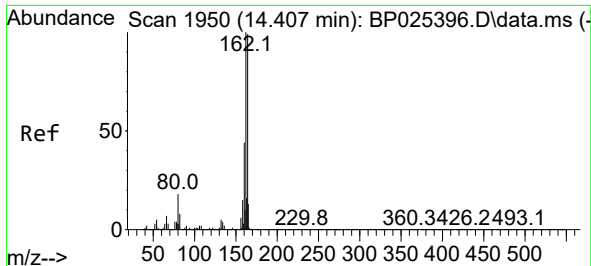
Tgt Ion:142 Resp: 997978
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 37.4 28.9 43.3



#38
1-Methylnaphthalene
Concen: 48.874 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:142 Resp: 1038091
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7
116 4.0 3.2 4.8

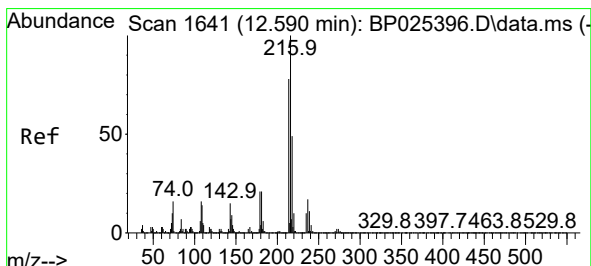
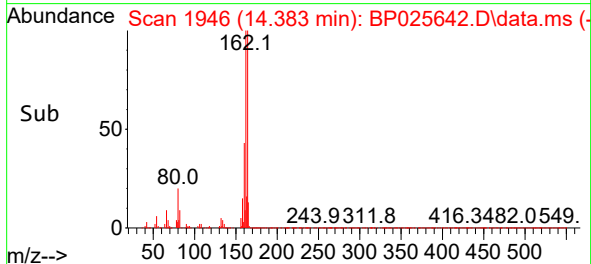
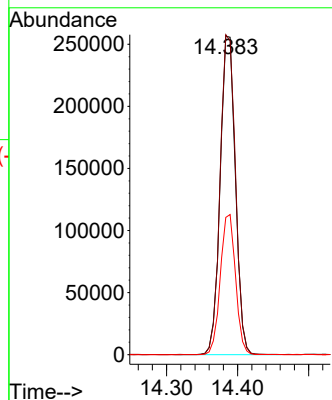
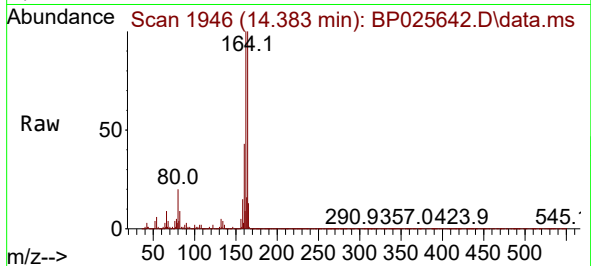




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.383 min Scan# 1946
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

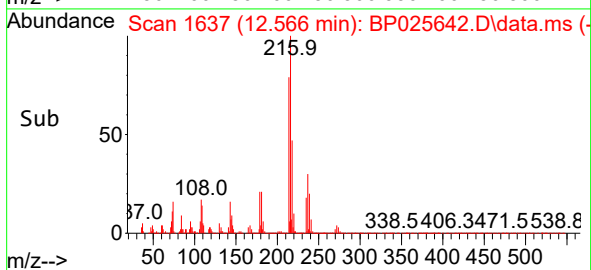
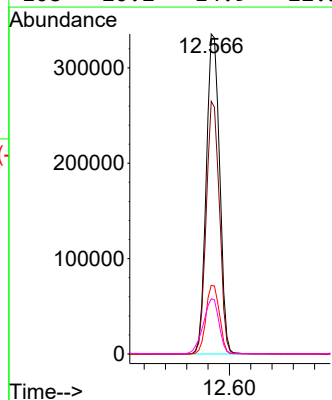
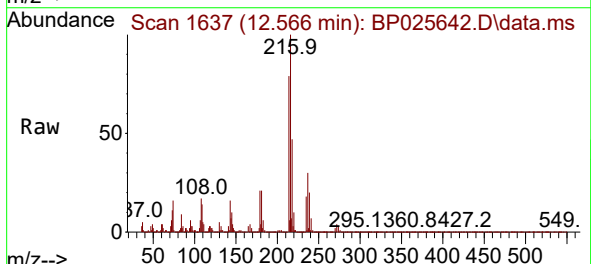
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:164 Resp: 380282
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 43.1 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.114 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:216 Resp: 583346
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 21.6 17.1 25.7
108 20.2 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 97.560 ng

RT: 12.548 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

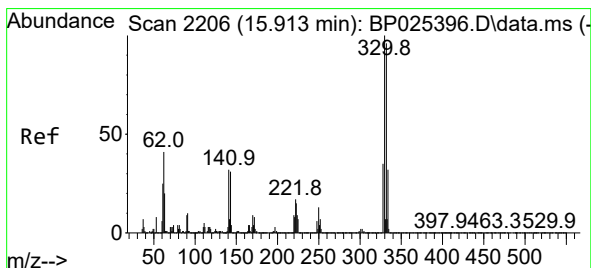
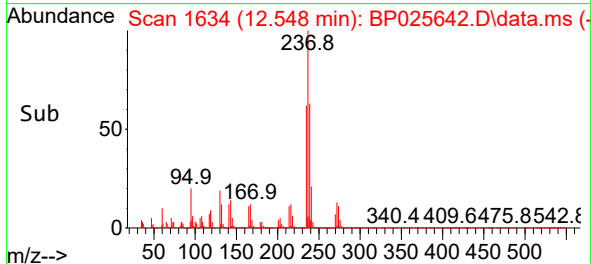
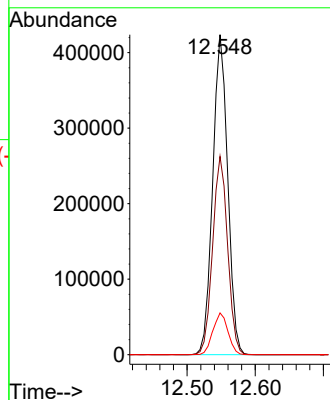
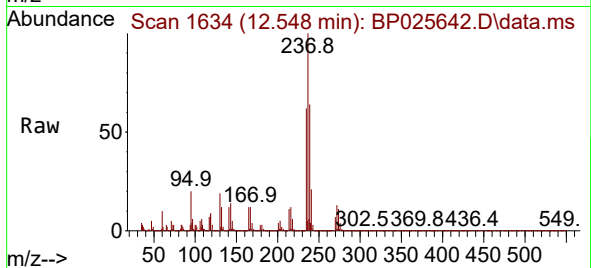
Tgt Ion:237 Resp: 647230

Ion Ratio Lower Upper

237 100

235 62.0 42.7 82.7

272 13.0 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 111.084 ng

RT: 15.913 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

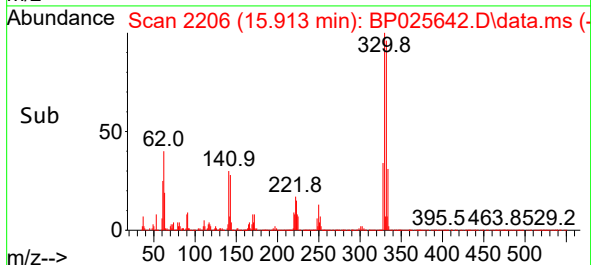
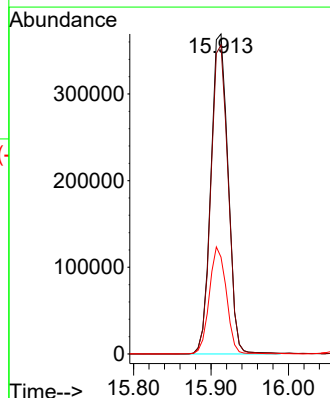
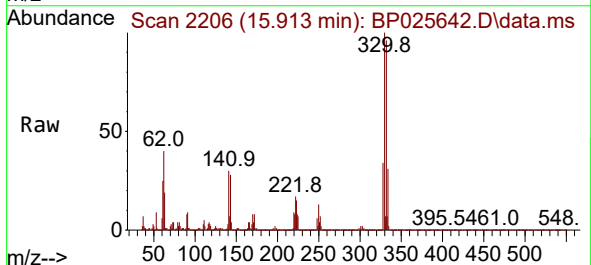
Tgt Ion:330 Resp: 568596

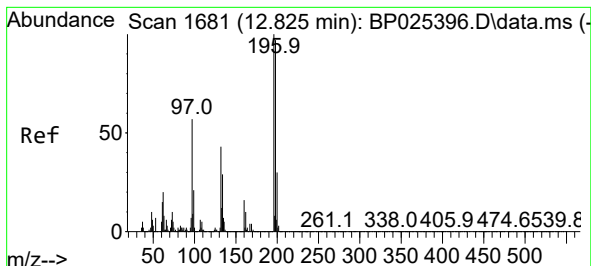
Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 33.0 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 55.383 ng

RT: 12.813 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

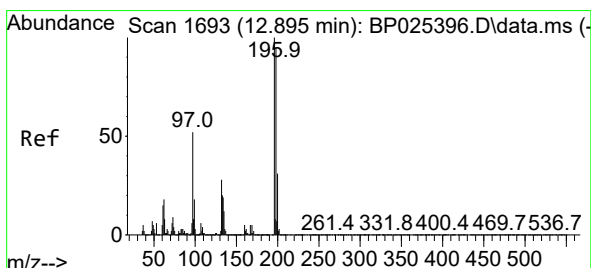
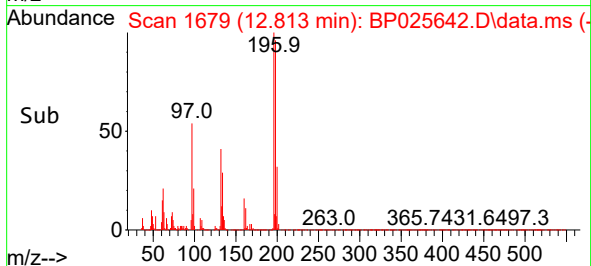
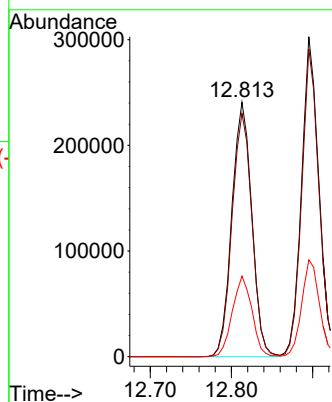
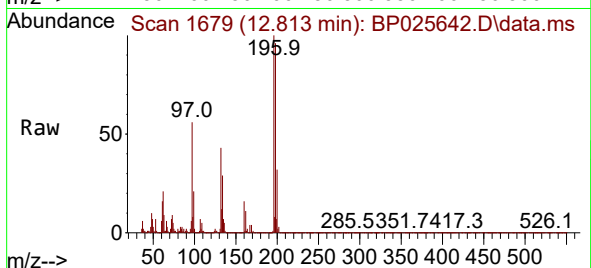
Tgt Ion:196 Resp: 410652

Ion Ratio Lower Upper

196 100

198 95.6 77.2 115.8

200 31.6 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 56.035 ng

RT: 12.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Tgt Ion:196 Resp: 455356

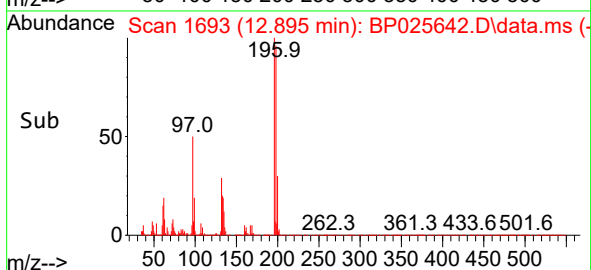
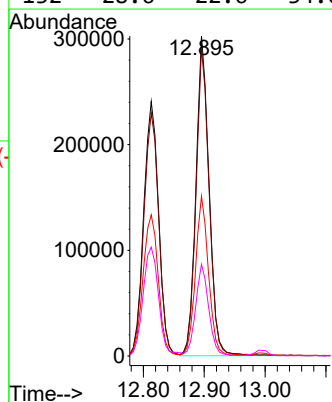
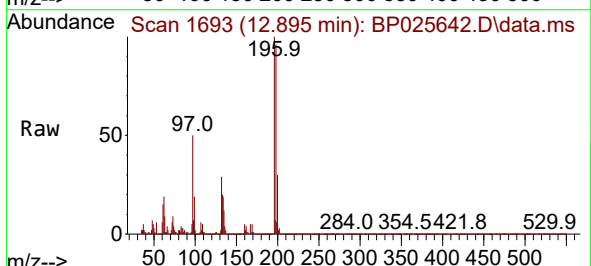
Ion Ratio Lower Upper

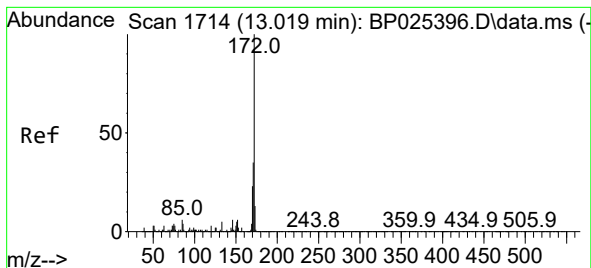
196 100

198 96.2 76.2 114.2

97 49.9 41.2 61.8

132 28.6 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 58.302 ng

RT: 12.995 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

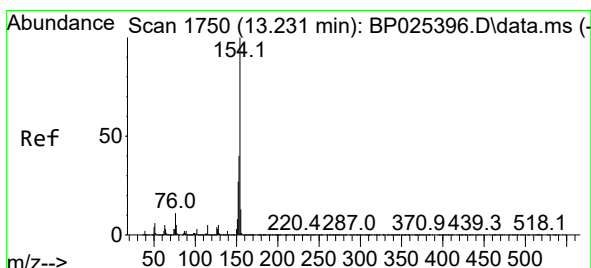
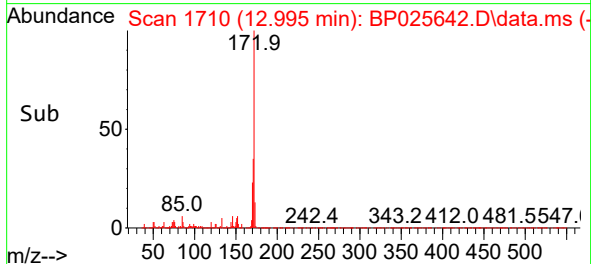
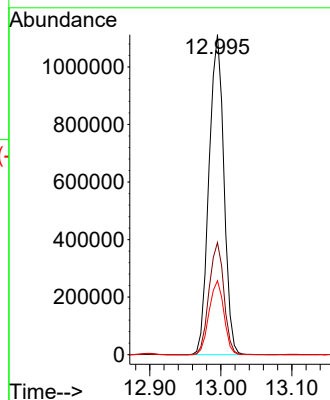
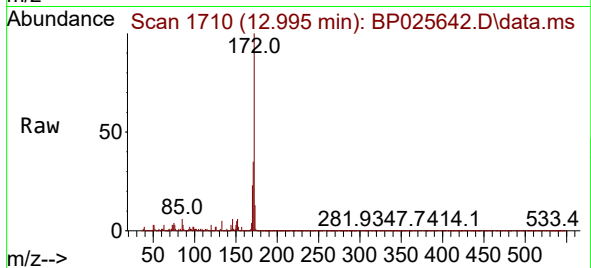
Tgt Ion:172 Resp: 1622254

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 52.084 ng

RT: 13.213 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

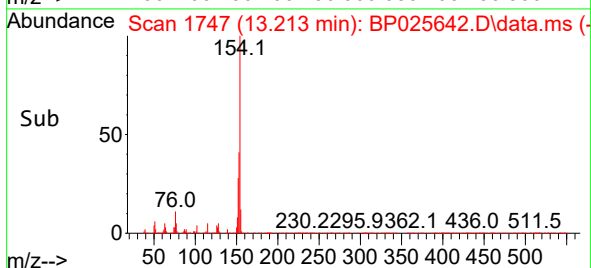
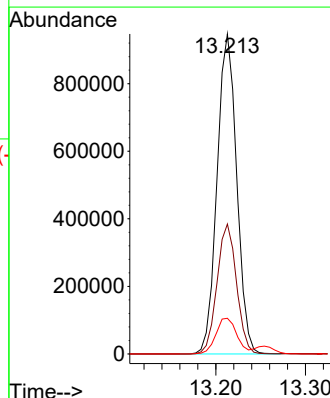
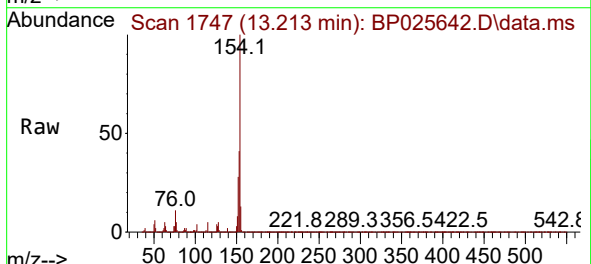
Tgt Ion:154 Resp: 1438478

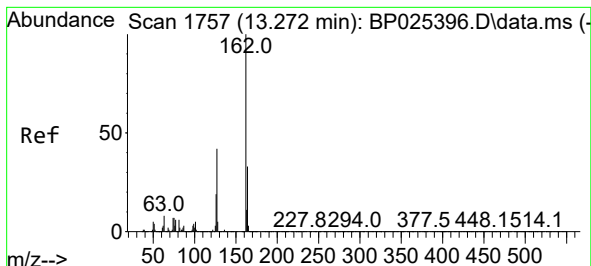
Ion Ratio Lower Upper

154 100

153 40.6 19.5 59.5

76 11.2 0.0 31.1

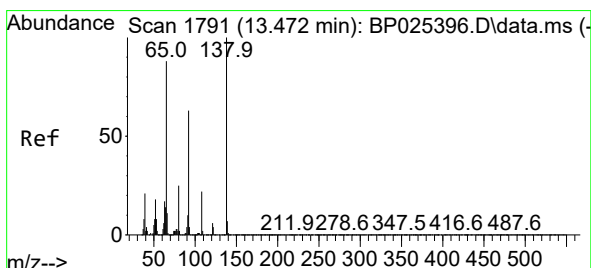
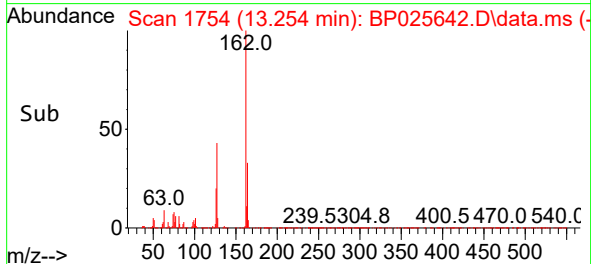
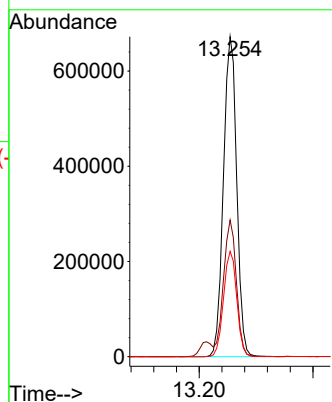
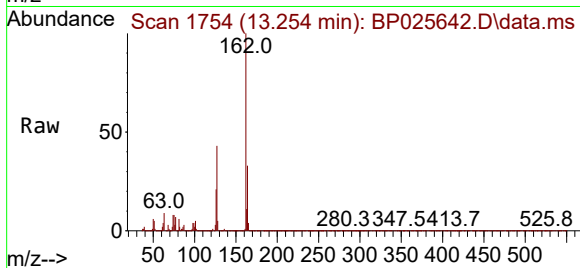




#47
2-Chloronaphthalene
Concen: 50.877 ng
RT: 13.254 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

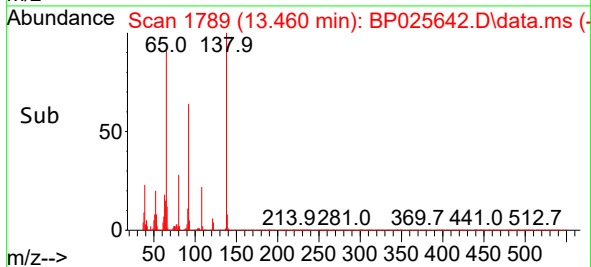
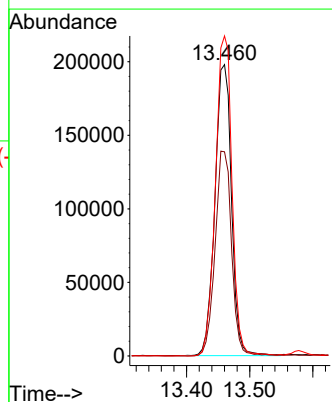
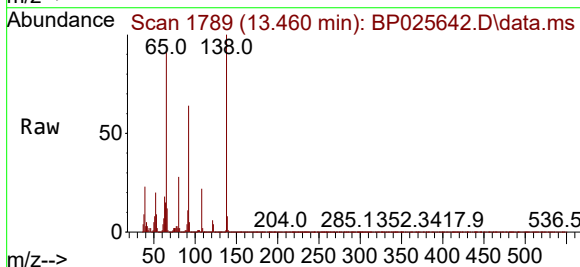
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

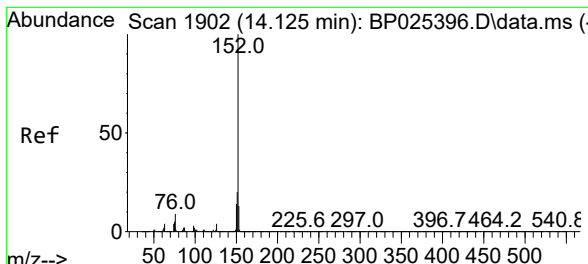
Tgt Ion:162 Resp: 1093886
Ion Ratio Lower Upper
162 100
127 42.7 33.4 50.2
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 57.750 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 65 Resp: 361791
Ion Ratio Lower Upper
65 100
92 70.1 57.6 86.4
138 109.8 91.0 136.6



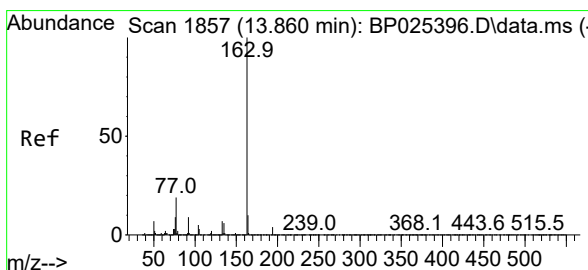
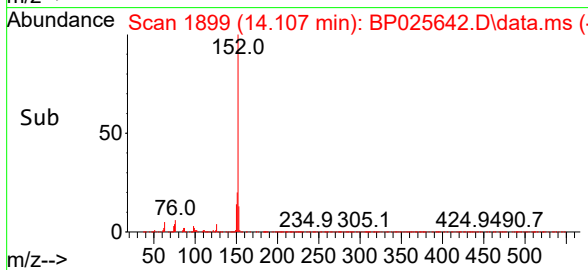
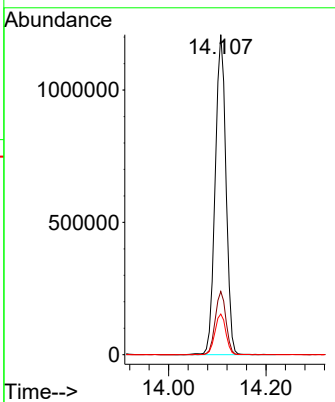
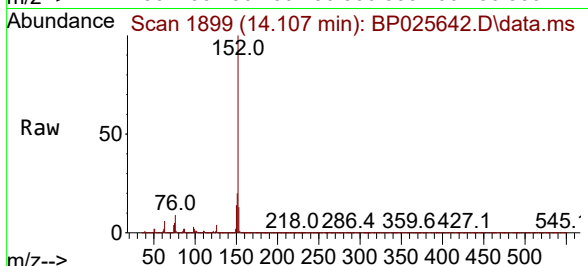


#49
 Acenaphthylene
 Concen: 52.328 ng
 RT: 14.107 min Scan# 1899
 Delta R.T. -0.018 min
 Lab File: BP025642.D
 Acq: 02 Sep 2025 17:37

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MSD

Tgt Ion:152 Resp: 1861693

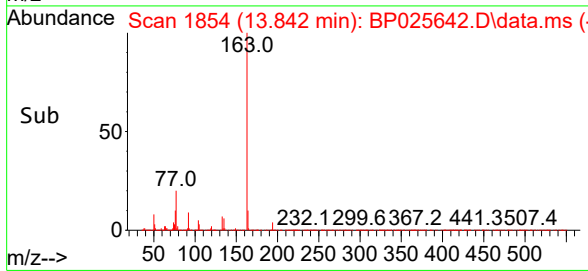
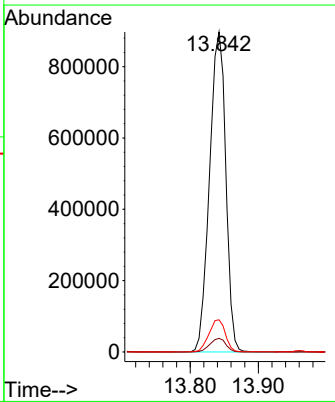
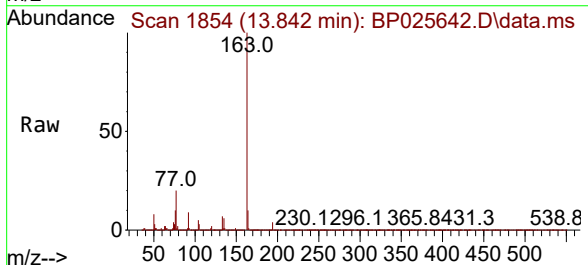
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.7	10.6	15.8

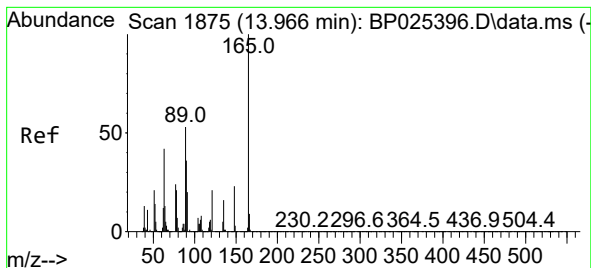


#50
 Dimethylphthalate
 Concen: 53.413 ng
 RT: 13.842 min Scan# 1854
 Delta R.T. -0.018 min
 Lab File: BP025642.D
 Acq: 02 Sep 2025 17:37

Tgt Ion:163 Resp: 1487417

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9

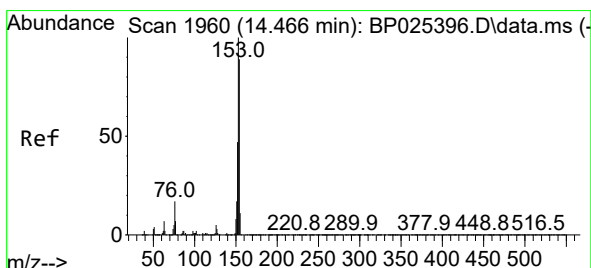
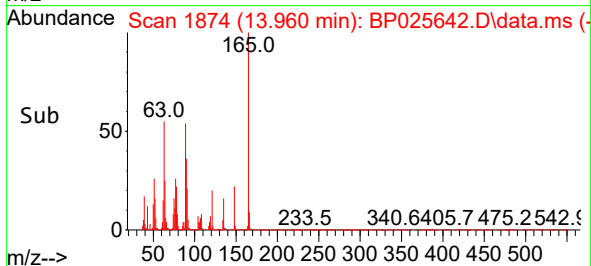
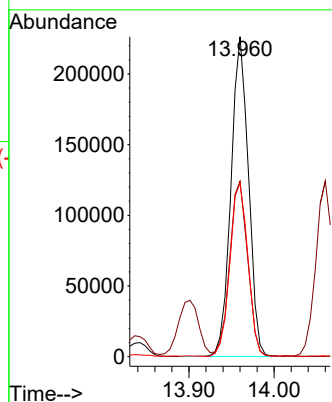
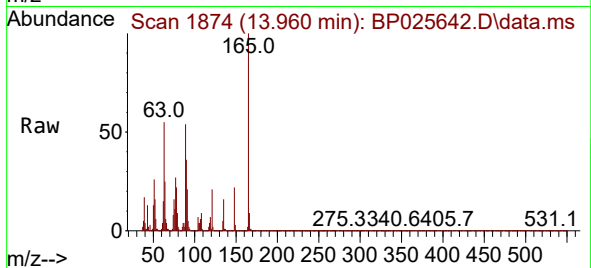




#51
2,6-Dinitrotoluene
Concen: 54.984 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

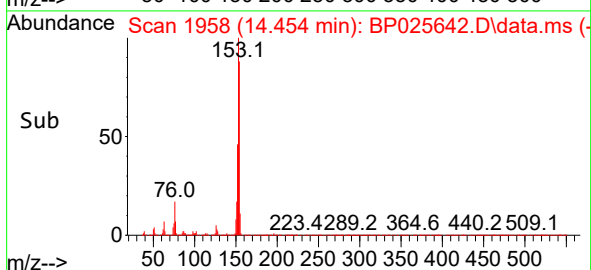
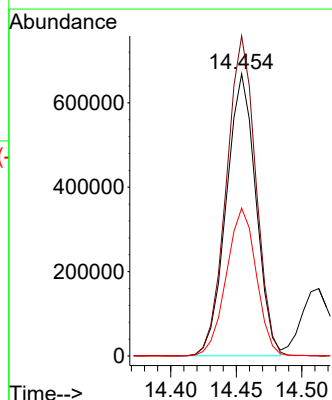
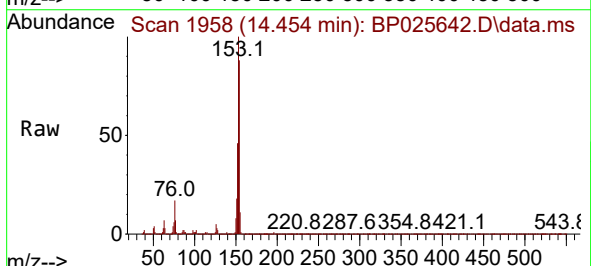
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

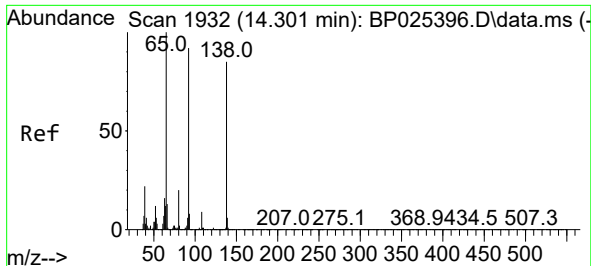
Tgt Ion:165 Resp: 322726
Ion Ratio Lower Upper
165 100
63 54.9 40.9 61.3
89 54.2 42.1 63.1



#52
Acenaphthene
Concen: 50.253 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:154 Resp: 1049445
Ion Ratio Lower Upper
154 100
153 113.4 90.2 135.2
152 52.4 42.1 63.1

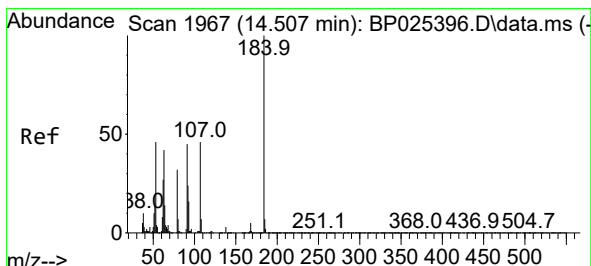
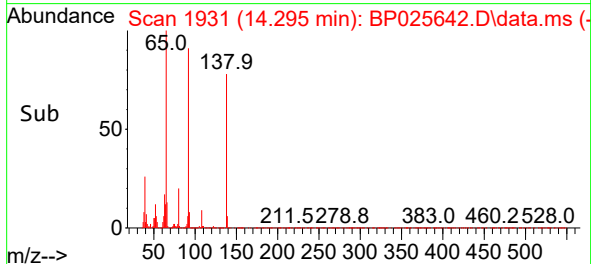
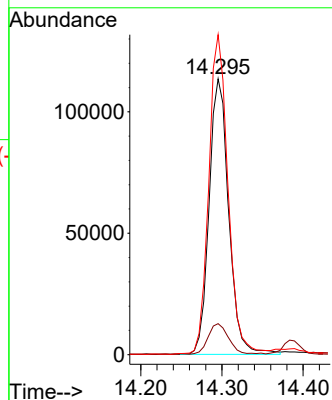
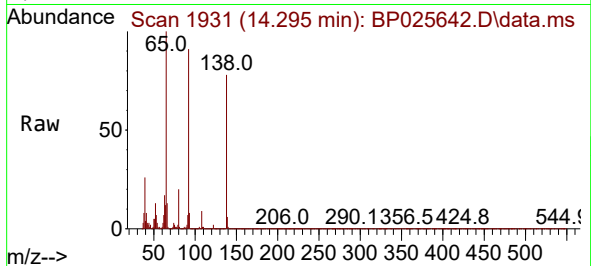




#53
3-Nitroaniline
Concen: 28.859 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

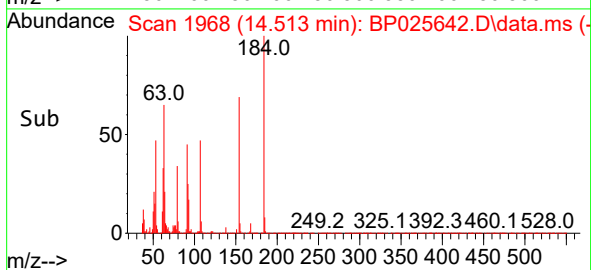
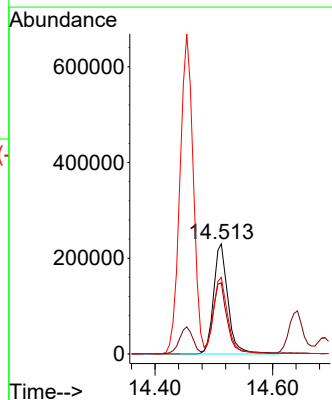
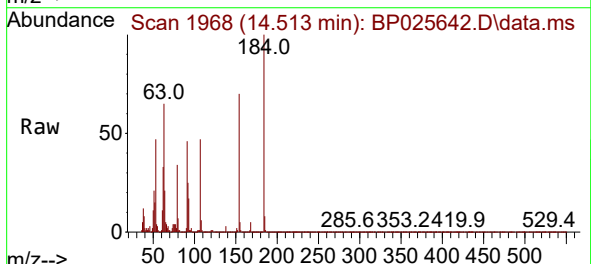
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

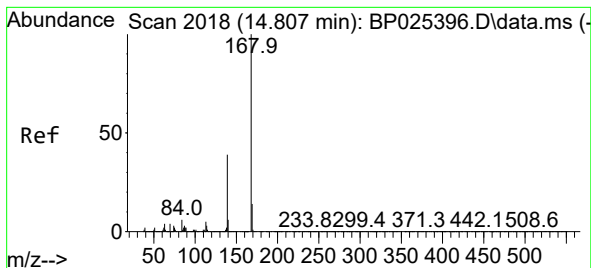
Tgt Ion:138 Resp: 190576
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 116.0 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 124.872 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:184 Resp: 391406
Ion Ratio Lower Upper
184 100
63 64.7 49.4 74.2
154 69.5 54.6 82.0





#55

Dibenzenofuran

Concen: 51.284 ng

RT: 14.795 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

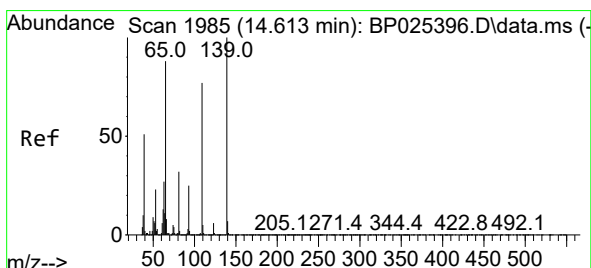
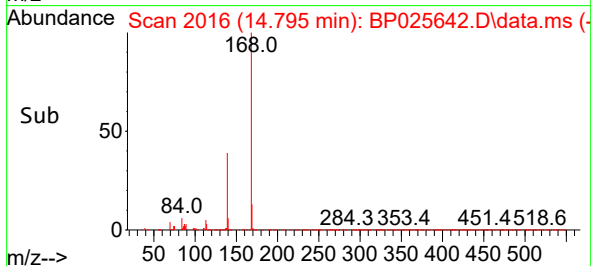
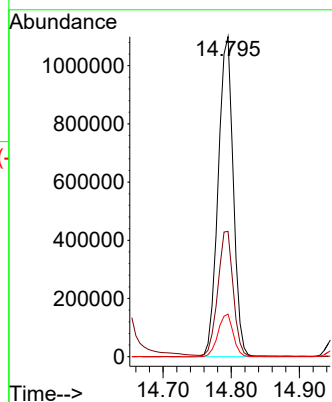
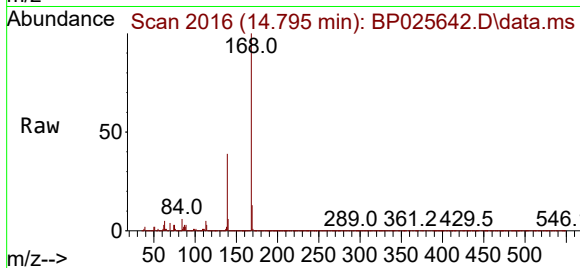
Tgt Ion:168 Resp: 1693213

Ion Ratio Lower Upper

168 100

139 39.1 31.5 47.3

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 104.275 ng

RT: 14.642 min Scan# 1990

Delta R.T. 0.029 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

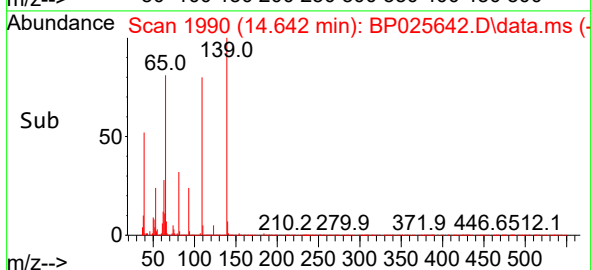
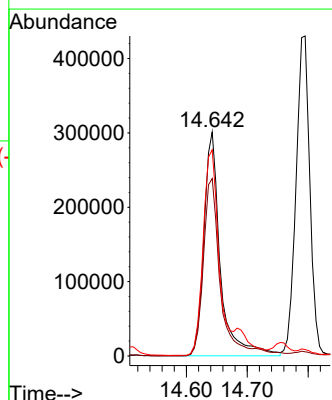
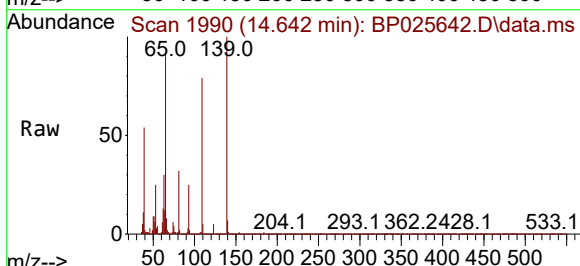
Tgt Ion:139 Resp: 565850

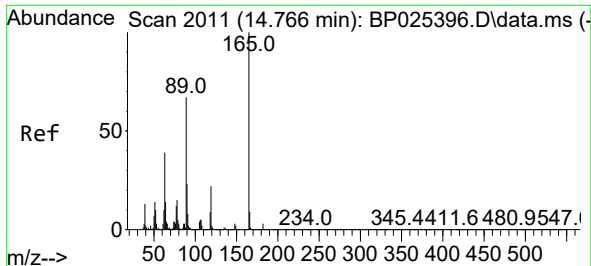
Ion Ratio Lower Upper

139 100

109 79.2 56.6 96.6

65 92.0 68.2 108.2

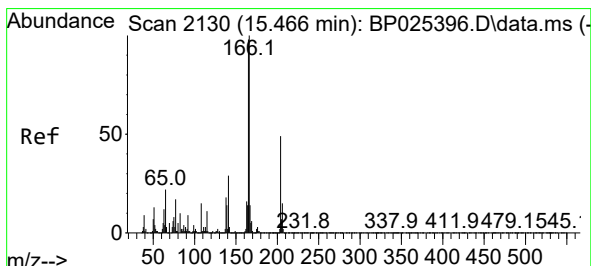
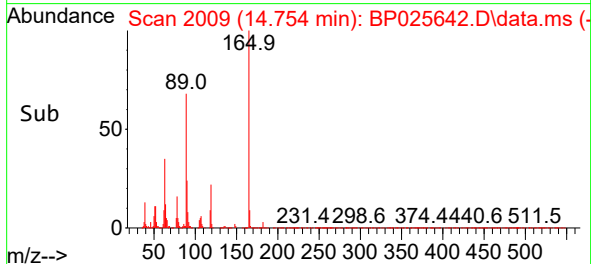
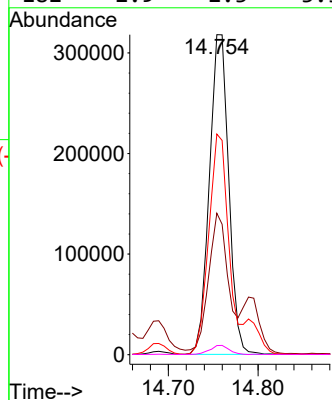
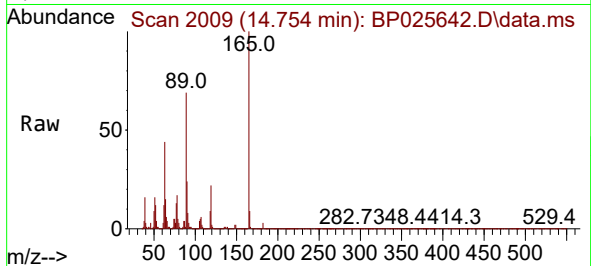




#57
2,4-Dinitrotoluene
Concen: 56.788 ng
RT: 14.754 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

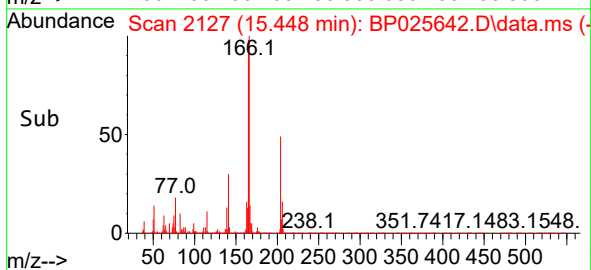
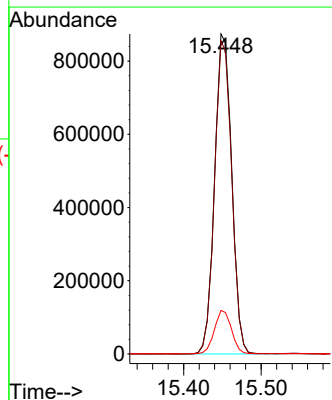
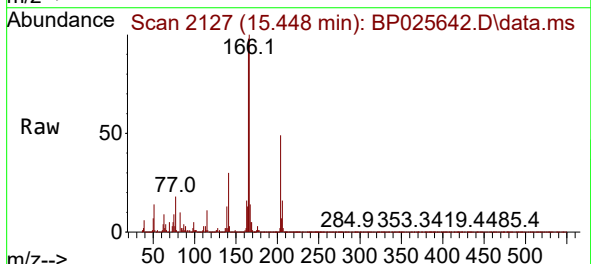
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

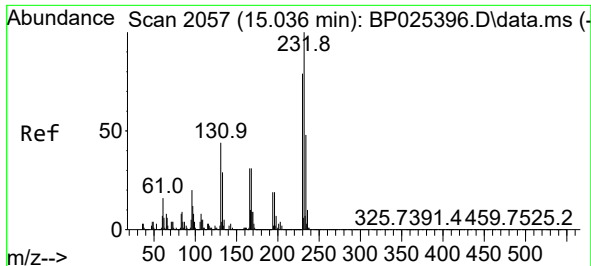
Tgt Ion:	165	Resp:	475557
Ion	Ratio	Lower	Upper
165	100		
63	44.2	31.4	47.2
89	69.0	53.3	79.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 51.461 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:	166	Resp:	1340672
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.6	11.0	16.4

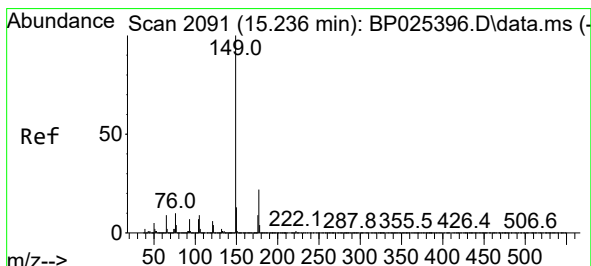
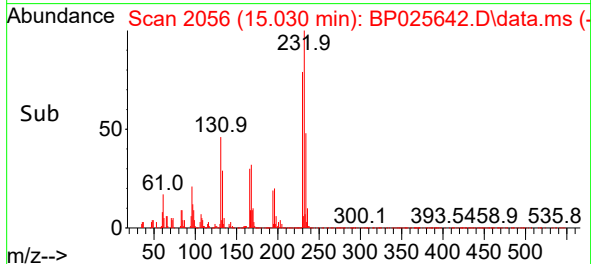
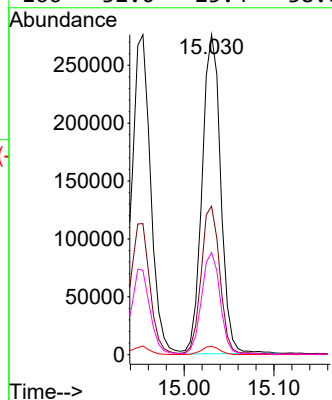
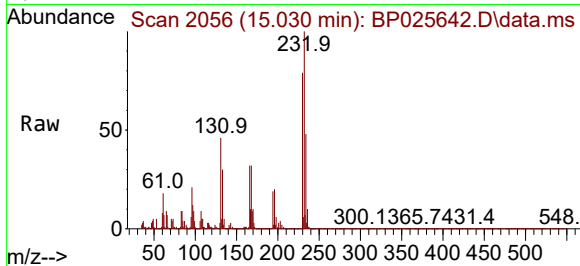




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.289 ng
RT: 15.030 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

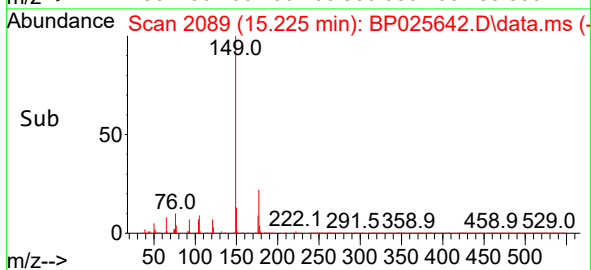
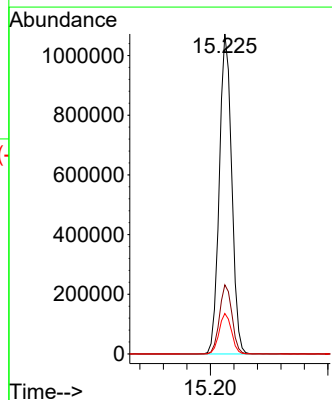
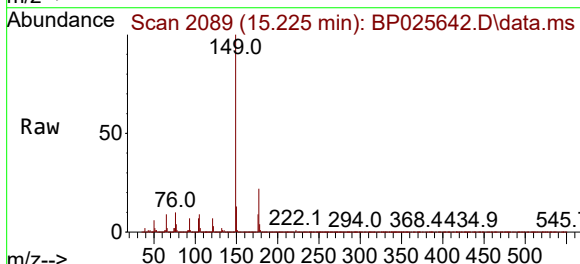
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

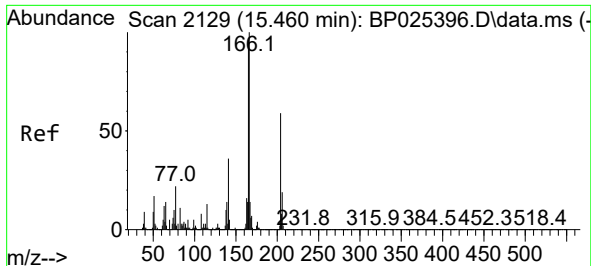
Tgt Ion:232 Resp: 396720
Ion Ratio Lower Upper
232 100
131 46.6 37.0 55.6
130 2.6 1.9 2.9
166 32.0 25.4 38.0



#60
Diethylphthalate
Concen: 55.326 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:149 Resp: 1565509
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.7 10.3 15.5

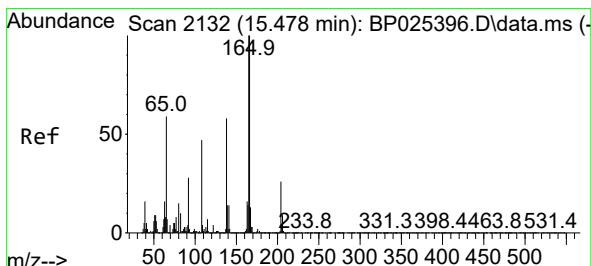
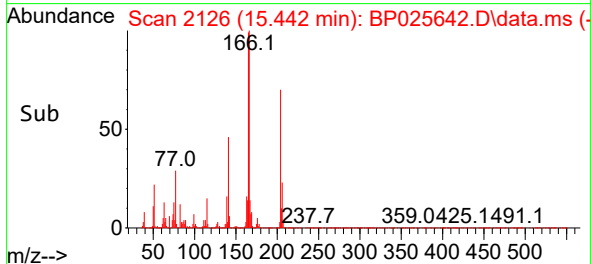
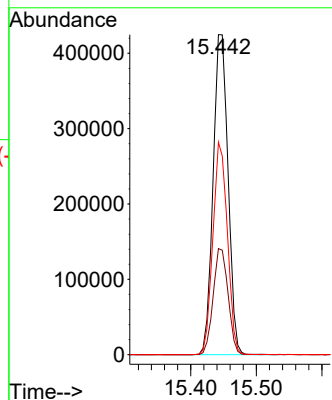
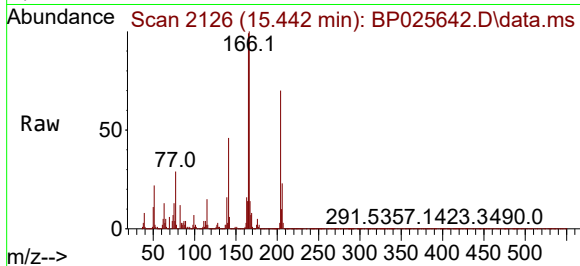




#61
4-Chlorophenyl-phenylether
Concen: 51.743 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

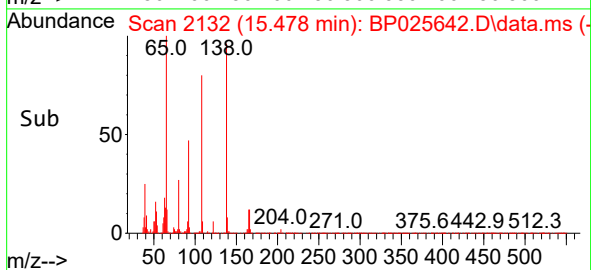
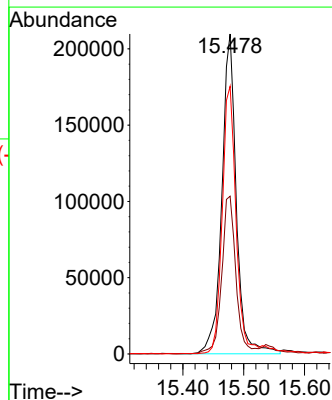
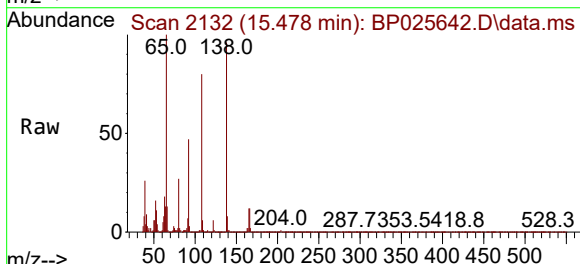
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

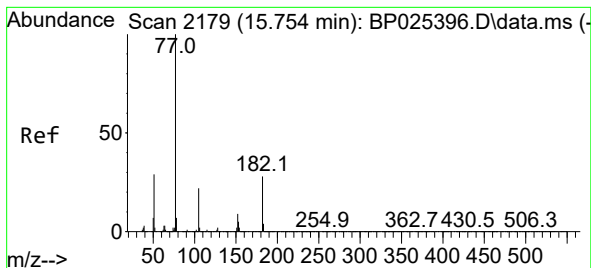
Tgt Ion:204 Resp: 670418
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 66.4 49.4 74.2



#62
4-Nitroaniline
Concen: 51.170 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:138 Resp: 346415
Ion Ratio Lower Upper
138 100
92 49.3 29.1 69.1
108 83.6 61.5 101.5





#63

Azobenzene

Concen: 61.019 ng

RT: 15.748 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

Tgt Ion: 77 Resp: 1478425

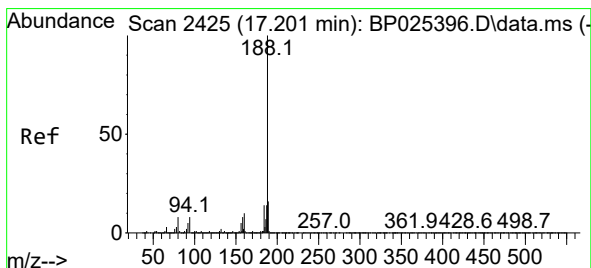
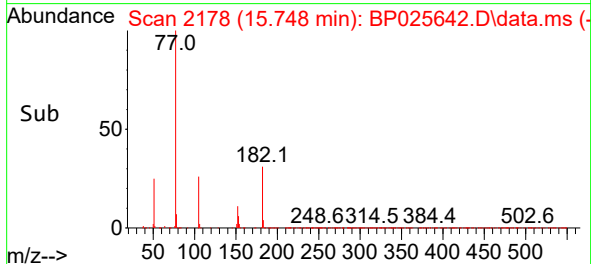
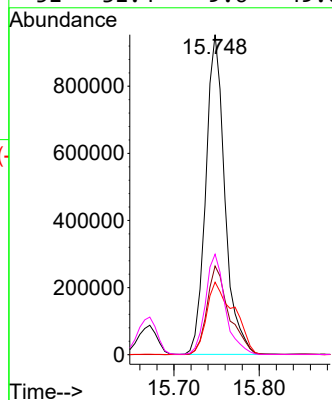
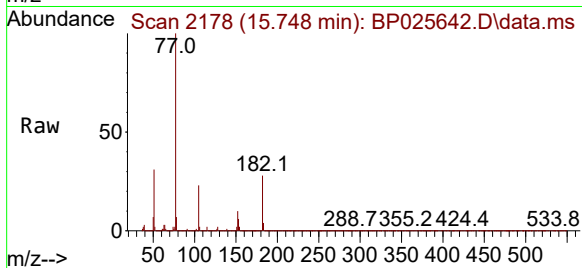
Ion Ratio Lower Upper

77 100

182 27.7 7.5 47.5

105 22.6 2.1 42.1

51 31.4 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

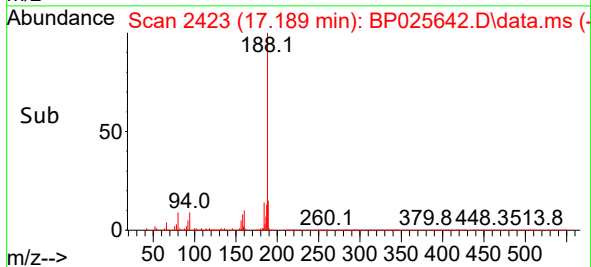
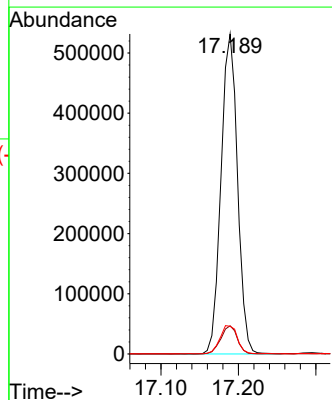
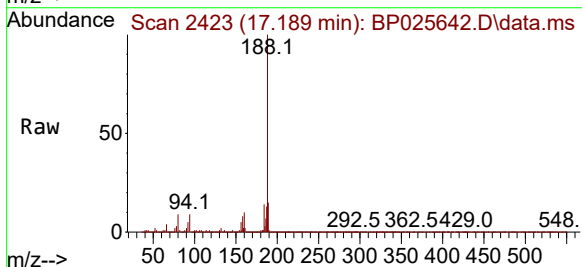
Tgt Ion:188 Resp: 785697

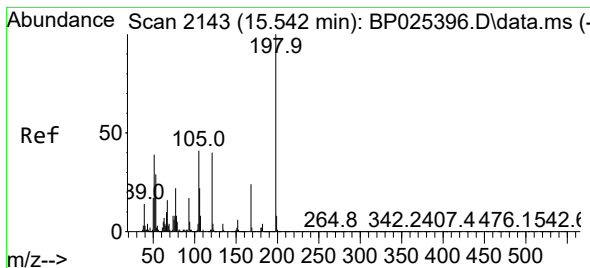
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 8.7 6.7 10.1

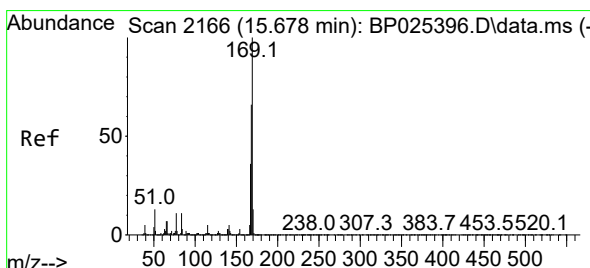
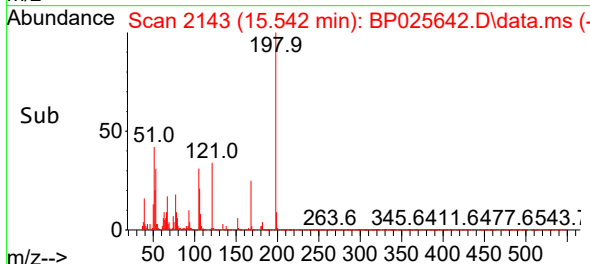
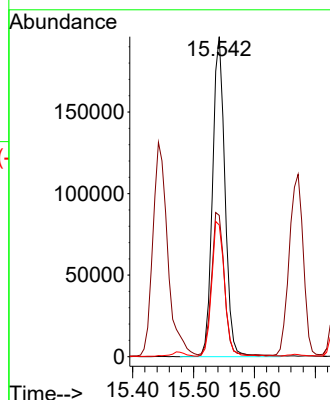
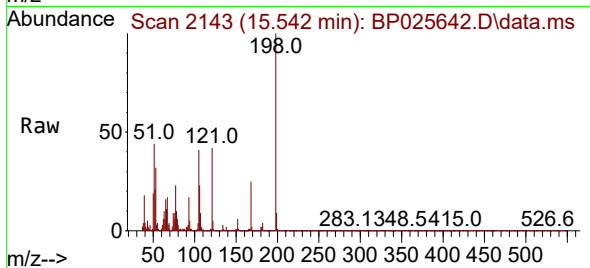




#65
4,6-Dinitro-2-methylphenol
Concen: 56.751 ng
RT: 15.542 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

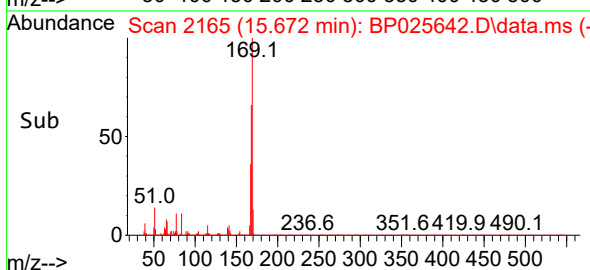
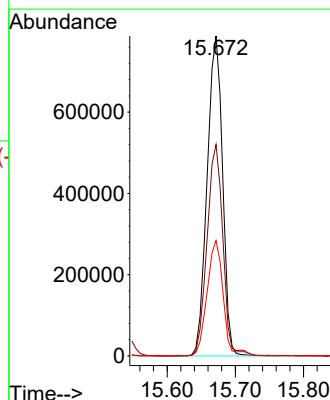
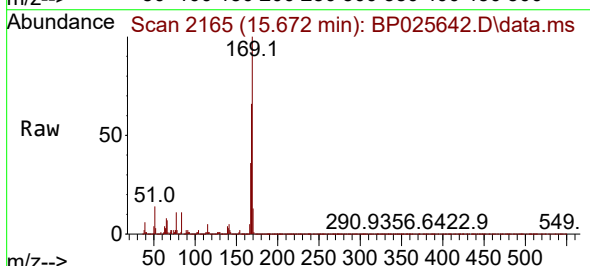
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

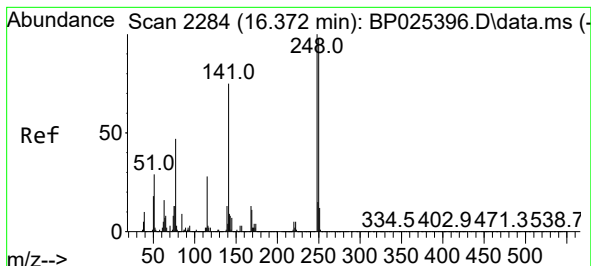
Tgt Ion:198 Resp: 277946
Ion Ratio Lower Upper
198 100
51 44.1 19.6 59.6
105 41.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 51.818 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:169 Resp: 1241513
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 36.1 28.7 43.1

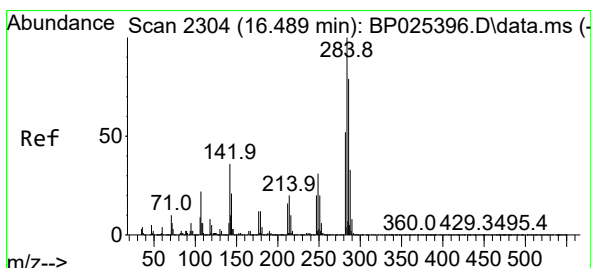
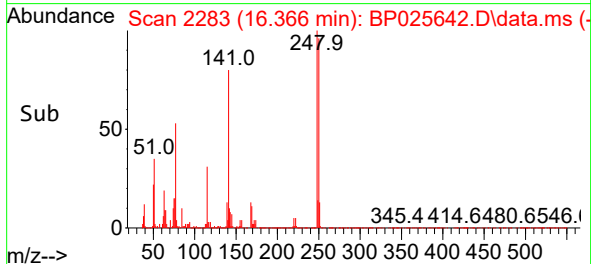
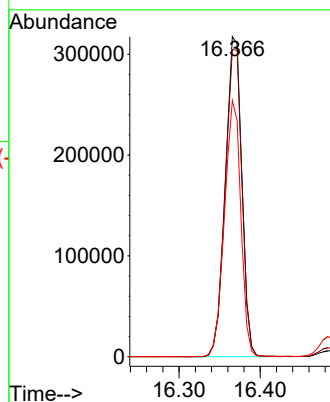
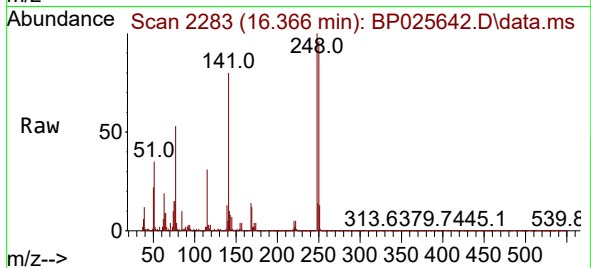




#67
4-Bromophenyl-phenylether
Concen: 52.124 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

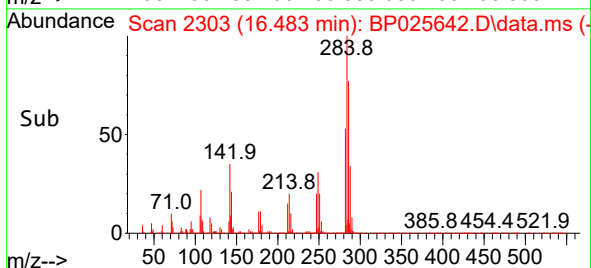
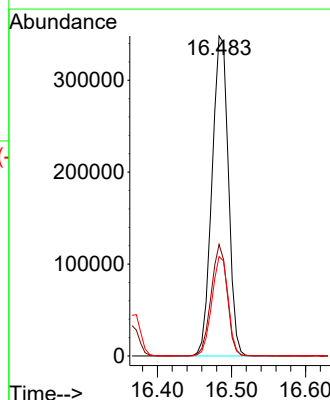
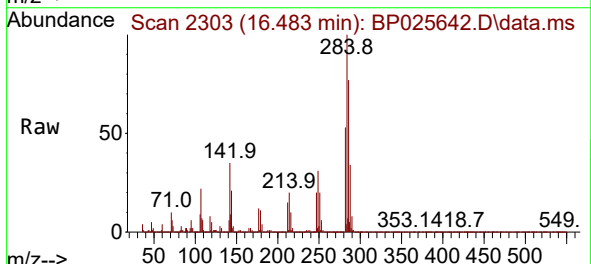
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

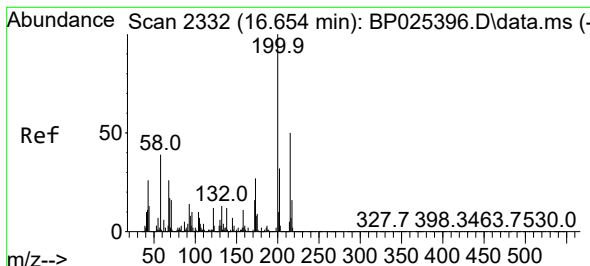
Tgt Ion:248 Resp: 450417
Ion Ratio Lower Upper
248 100
250 95.9 78.2 117.2
141 80.1 59.6 89.4



#68
Hexachlorobenzene
Concen: 53.313 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:284 Resp: 534029
Ion Ratio Lower Upper
284 100
142 34.9 29.1 43.7
249 31.0 25.0 37.4





#69

Atrazine

Concen: 54.752 ng

RT: 16.654 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

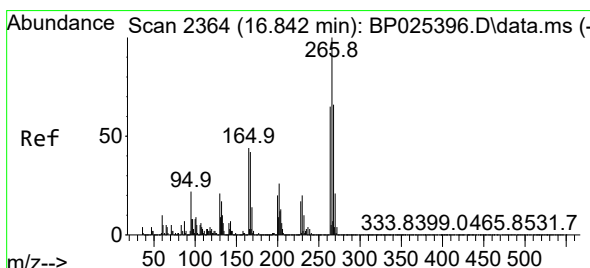
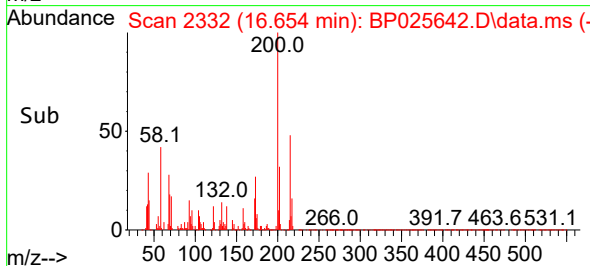
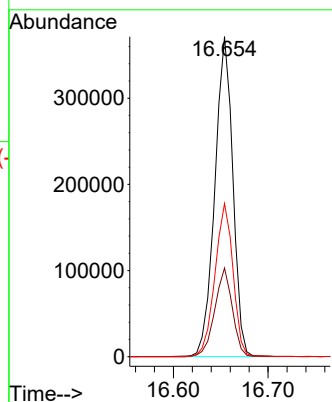
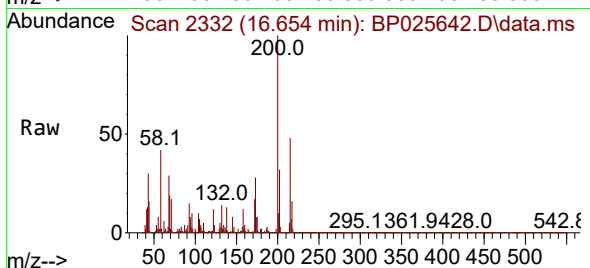
Tgt Ion:200 Resp: 491276

Ion Ratio Lower Upper

200 100

173 27.7 6.7 46.7

215 47.8 29.7 69.7



#70

Pentachlorophenol

Concen: 112.179 ng

RT: 16.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

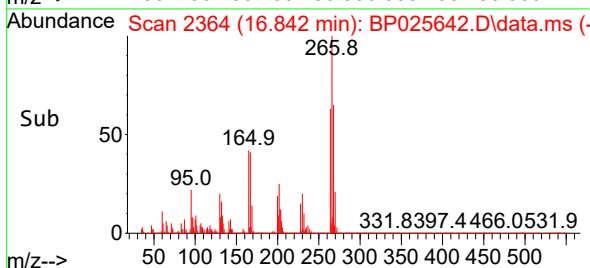
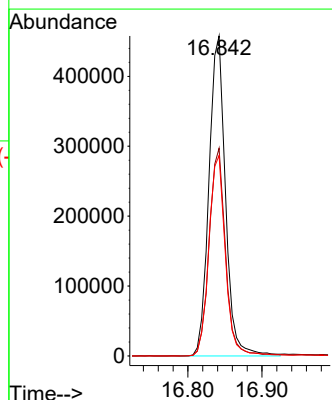
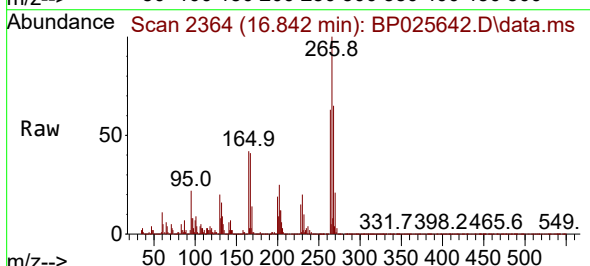
Tgt Ion:266 Resp: 709330

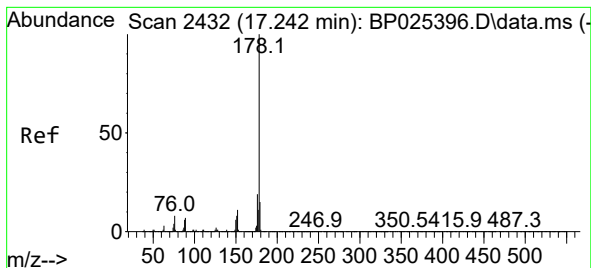
Ion Ratio Lower Upper

266 100

268 64.9 52.6 79.0

264 62.6 52.0 78.0





#71

Phenanthrene

Concen: 51.341 ng

RT: 17.230 min Scan# 2432

Delta R.T. -0.012 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

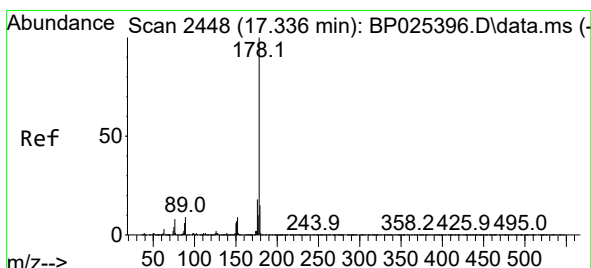
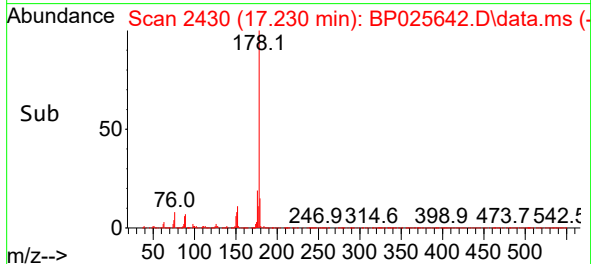
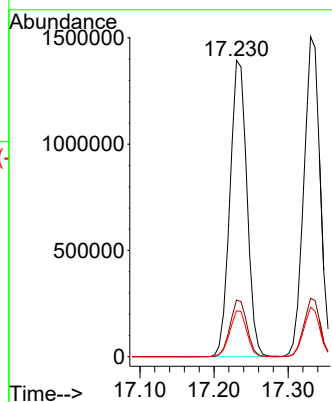
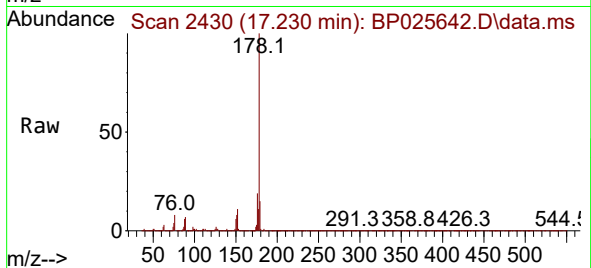
Tgt Ion:178 Resp: 2215919

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 52.220 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

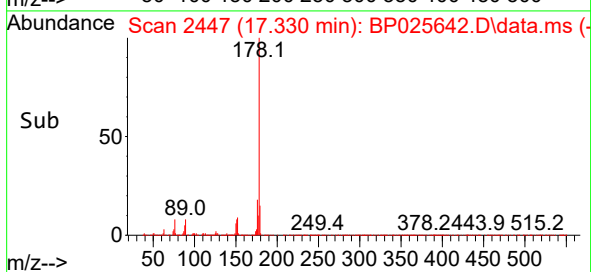
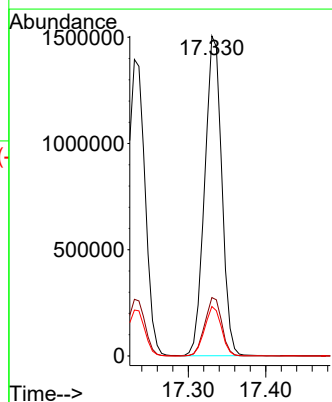
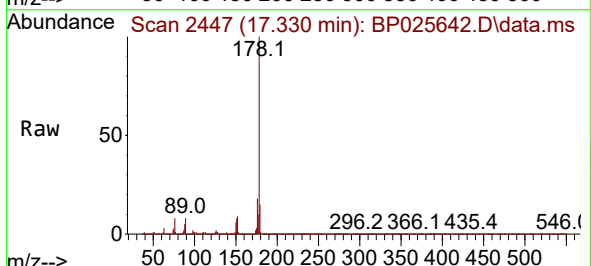
Tgt Ion:178 Resp: 2301659

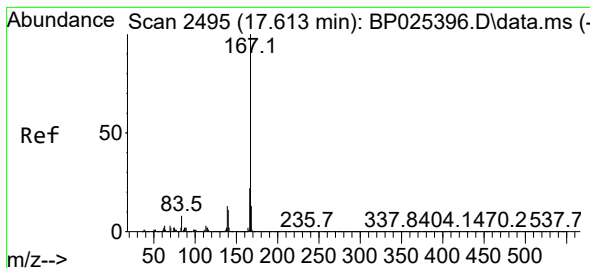
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 52.586 ng

RT: 17.607 min Scan# 2494

Delta R.T. -0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

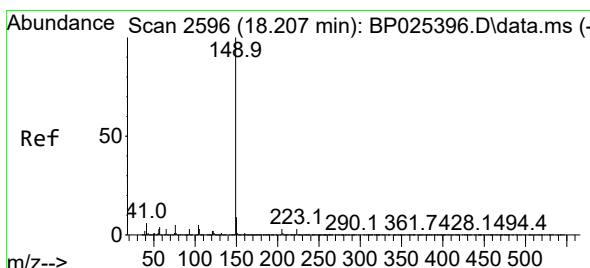
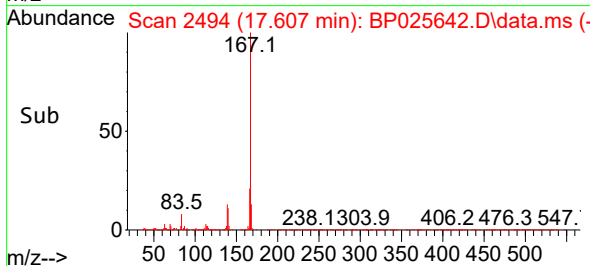
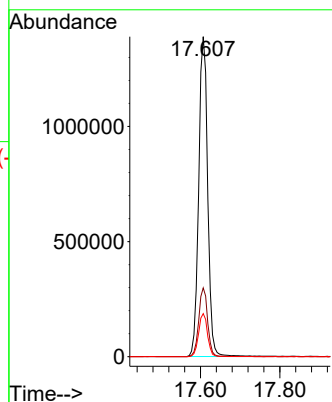
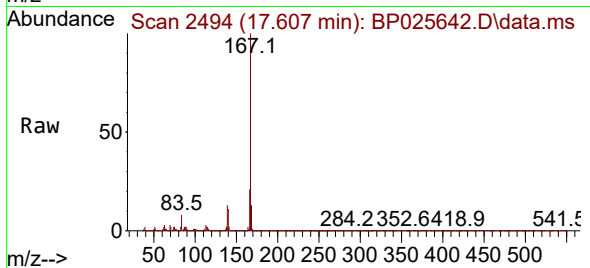
Tgt Ion:167 Resp: 2183170

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 55.653 ng

RT: 18.195 min Scan# 2594

Delta R.T. -0.012 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

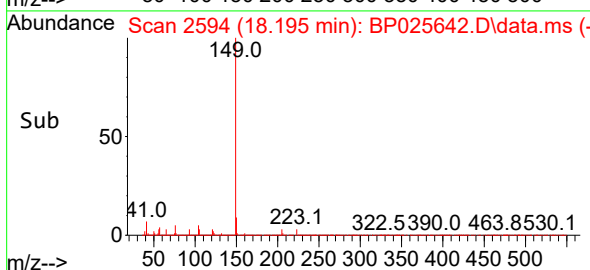
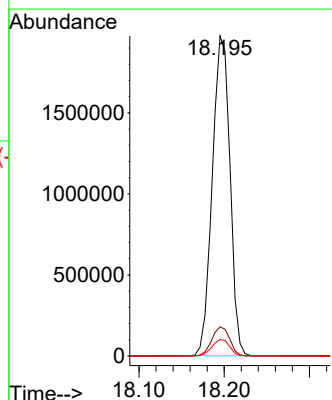
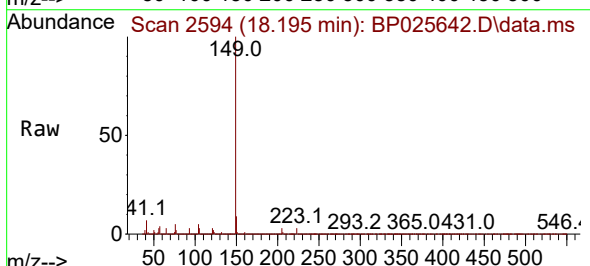
Tgt Ion:149 Resp: 2842640

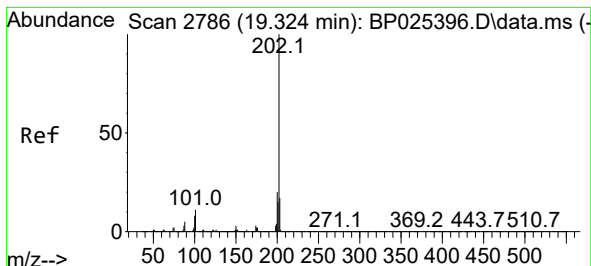
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 52.019 ng

RT: 19.318 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

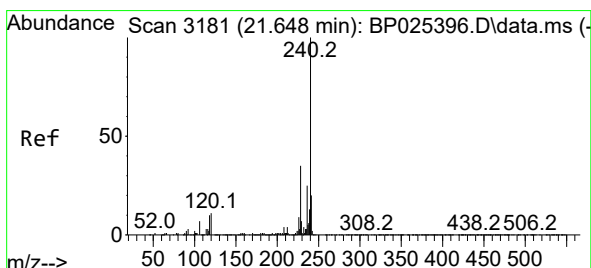
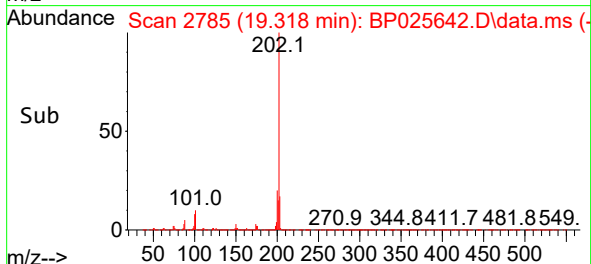
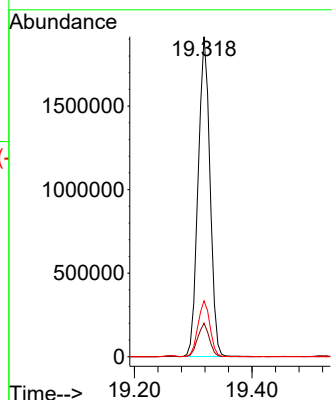
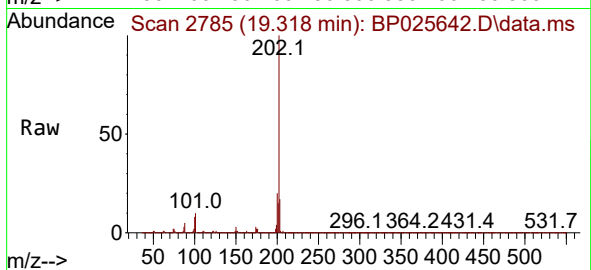
Tgt Ion:202 Resp: 2678119

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

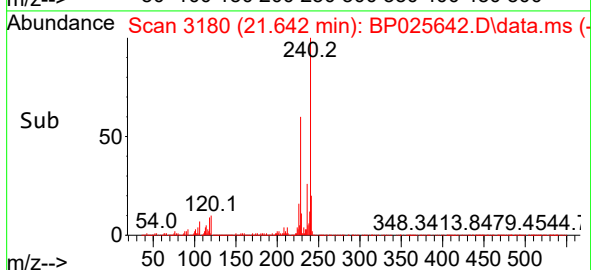
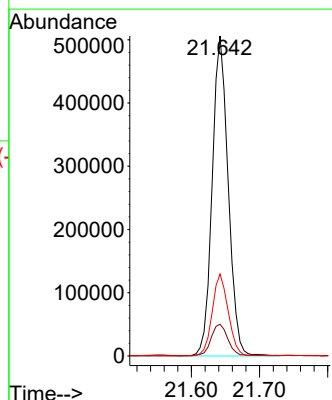
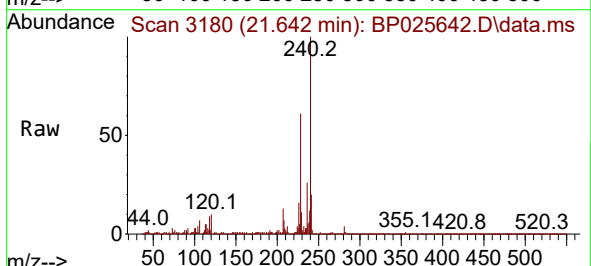
Tgt Ion:240 Resp: 824922

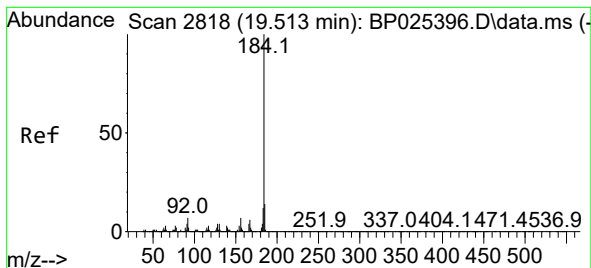
Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

236 25.6 19.8 29.8





#77

Benzidine

Concen: 38.587 ng

RT: 19.518 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

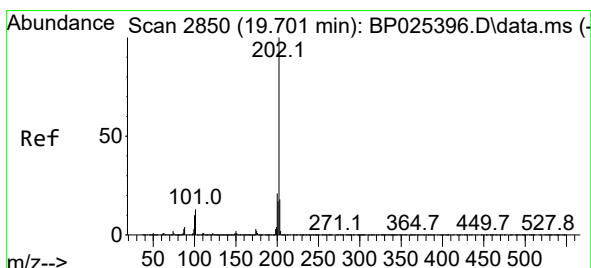
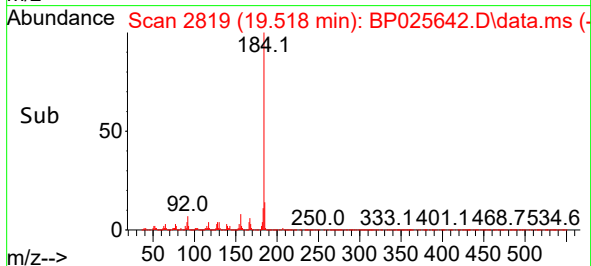
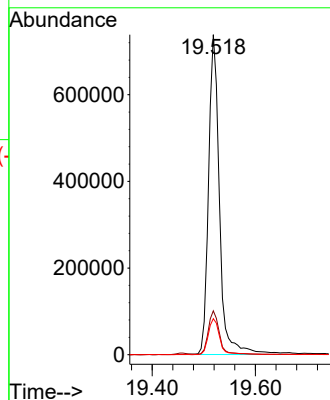
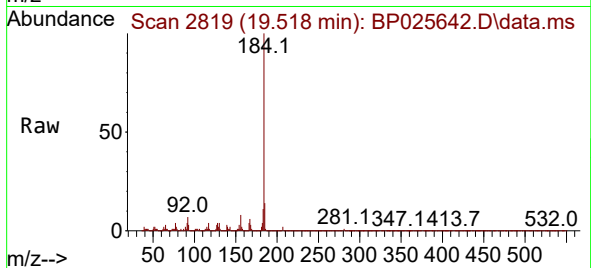
Tgt Ion:184 Resp: 1086334

Ion Ratio Lower Upper

184 100

185 13.7 11.5 17.3

183 11.2 9.4 14.2



#78

Pyrene

Concen: 51.234 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

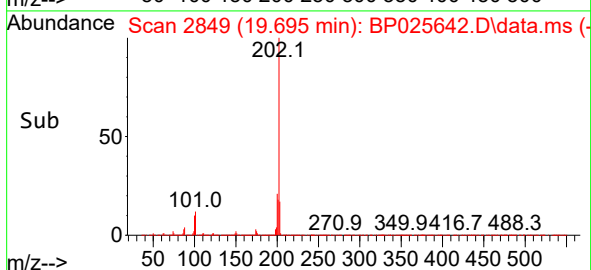
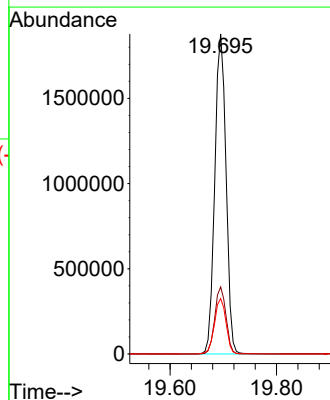
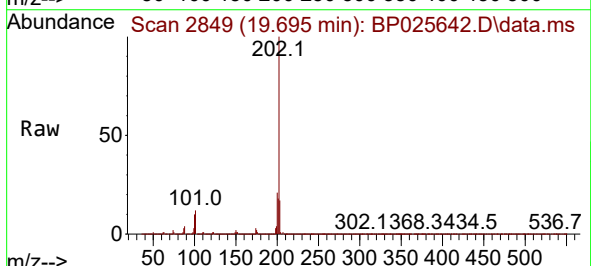
Tgt Ion:202 Resp: 2747023

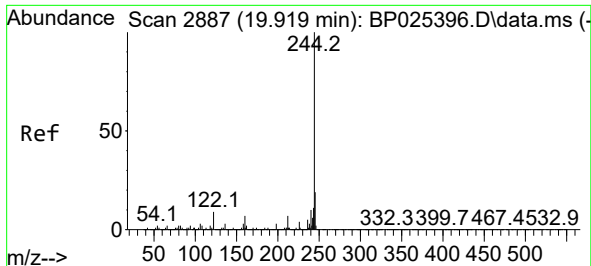
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.3 14.2 21.2

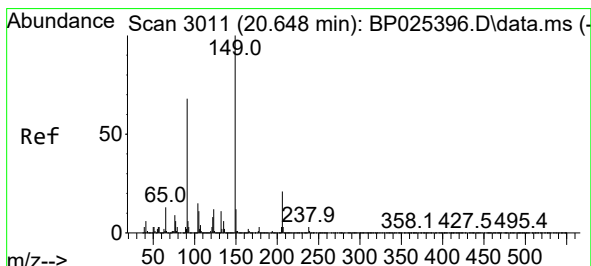
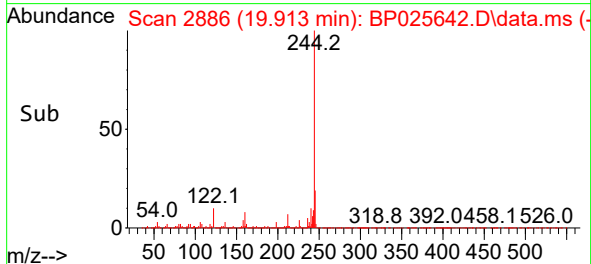
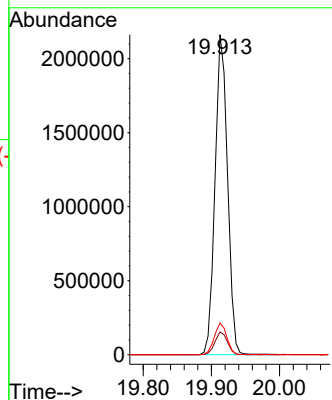
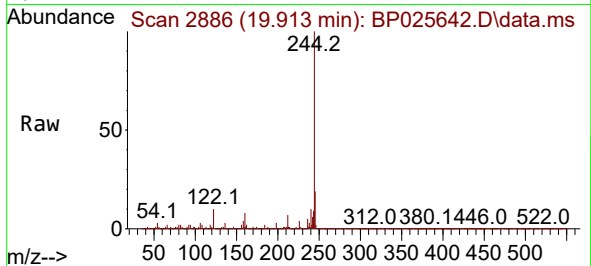




#79
 Terphenyl-d14
 Concen: 61.140 ng
 RT: 19.913 min Scan# 2886
 Delta R.T. -0.006 min
 Lab File: BP025642.D
 Acq: 02 Sep 2025 17:37

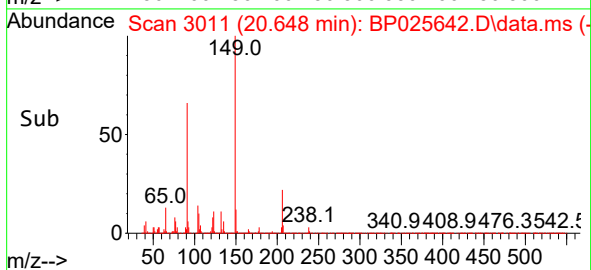
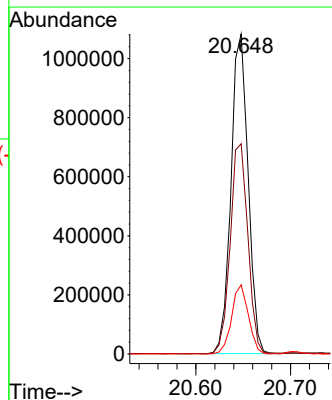
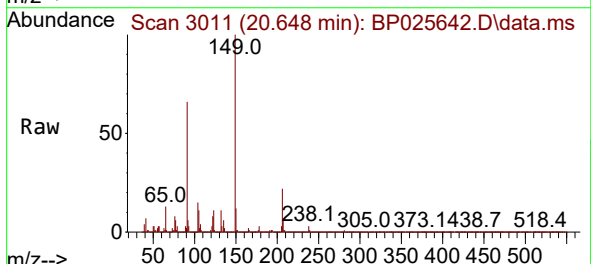
Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-5MSD

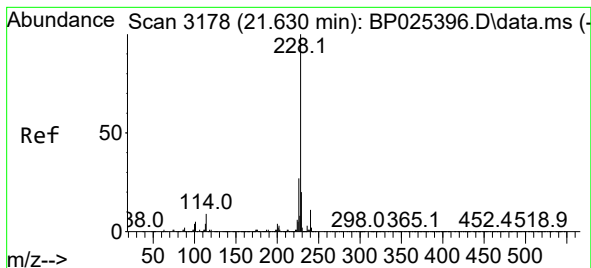
Tgt Ion:244 Resp: 2756690
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.9 7.4 11.2



#80
 Butylbenzylphthalate
 Concen: 56.014 ng
 RT: 20.648 min Scan# 3011
 Delta R.T. -0.000 min
 Lab File: BP025642.D
 Acq: 02 Sep 2025 17:37

Tgt Ion:149 Resp: 1361147
 Ion Ratio Lower Upper
 149 100
 91 65.7 54.2 81.2
 206 21.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 51.788 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

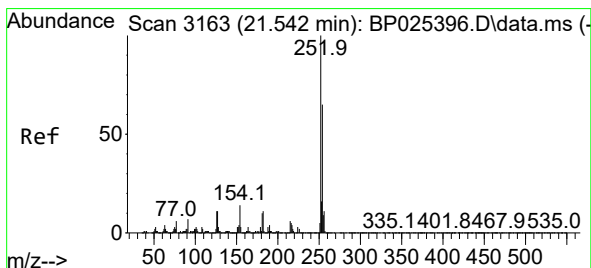
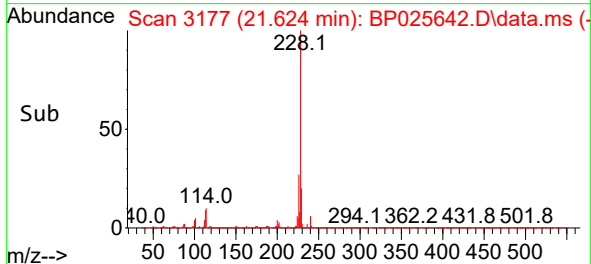
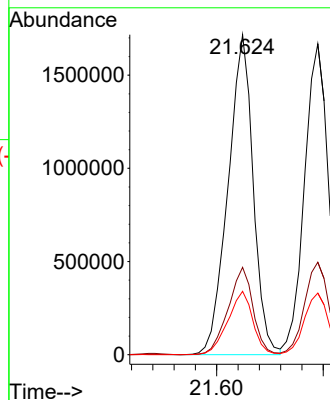
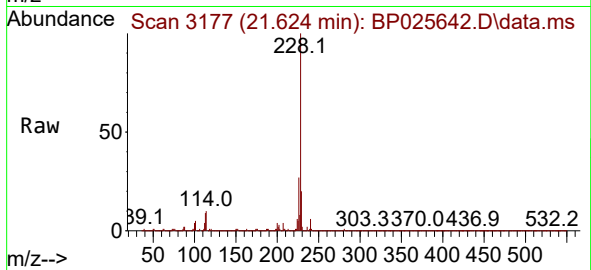
Tgt Ion:228 Resp: 2817469

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 28.352 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.000 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

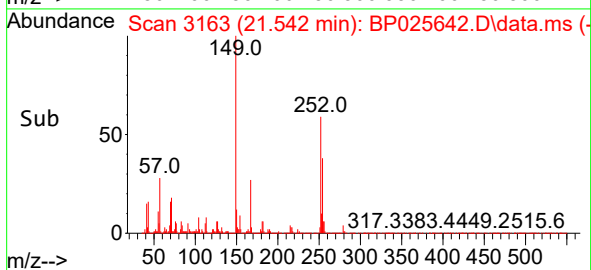
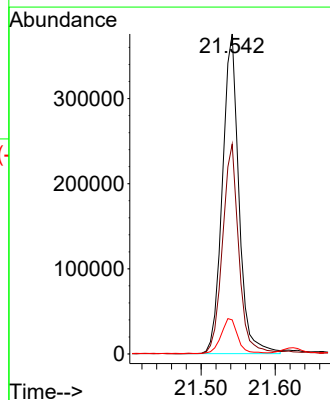
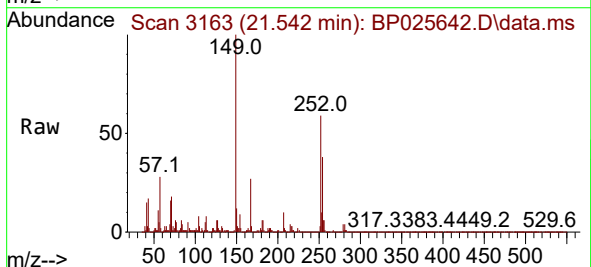
Tgt Ion:252 Resp: 581383

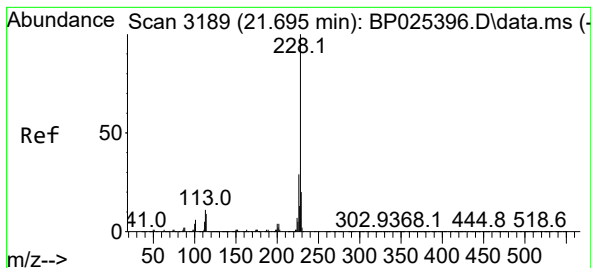
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 10.6 9.1 13.7





#83

Chrysene

Concen: 51.726 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

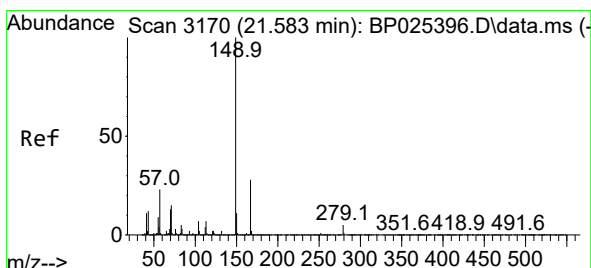
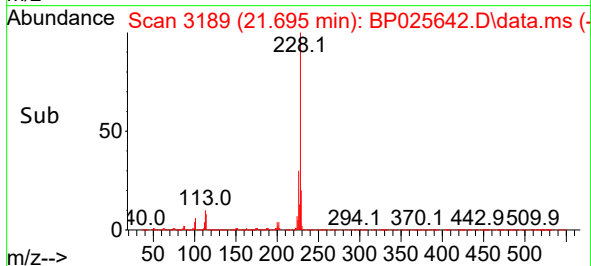
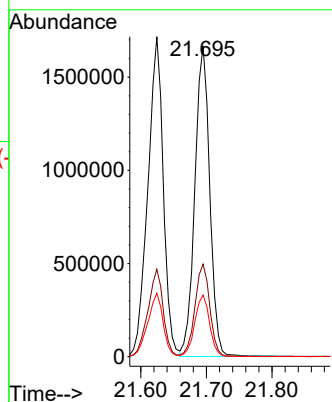
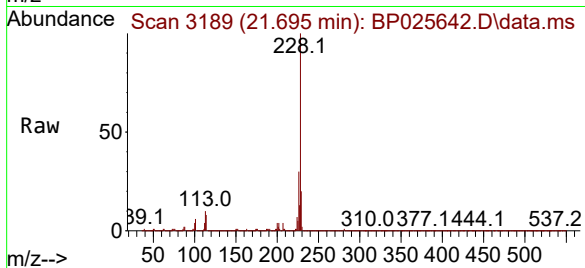
Tgt Ion:228 Resp: 2635410

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.799 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

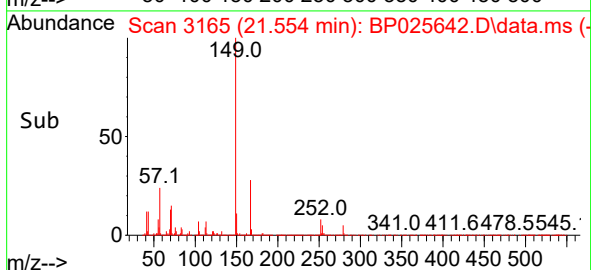
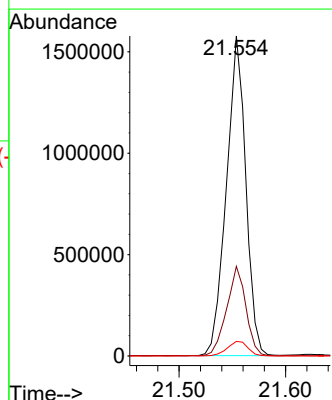
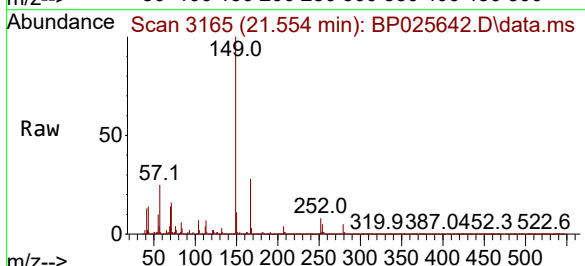
Tgt Ion:149 Resp: 1995975

Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 57.037 ng

RT: 22.836 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

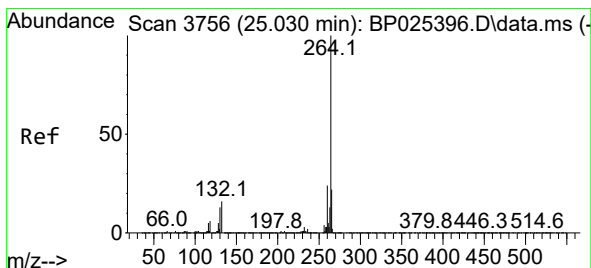
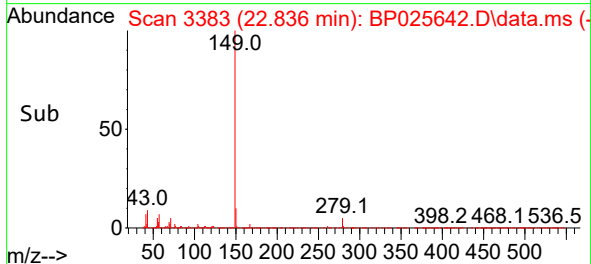
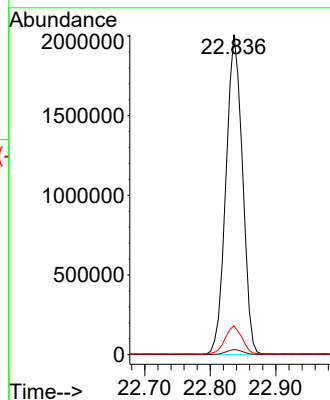
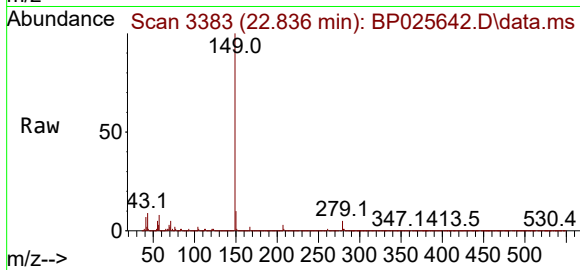
Tgt Ion:149 Resp: 3509362

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

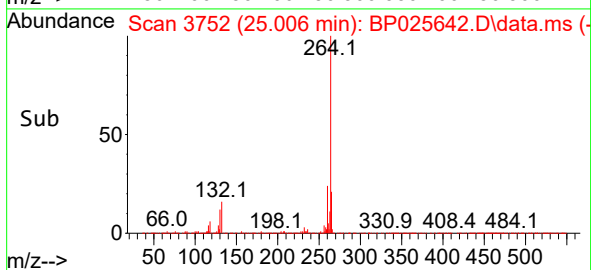
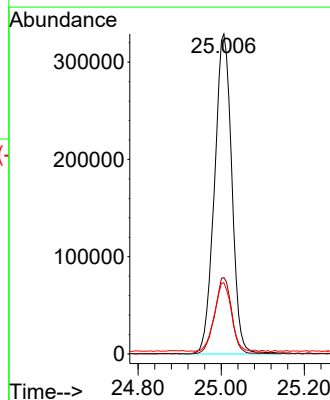
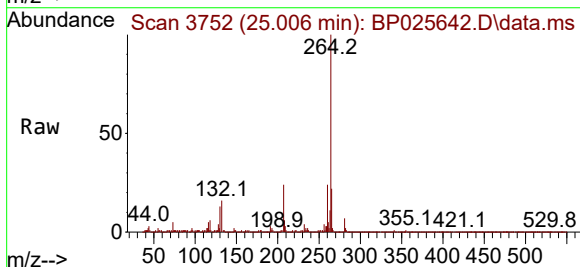
Tgt Ion:264 Resp: 951740

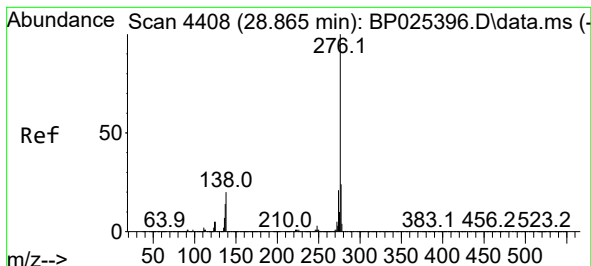
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.226 ng

RT: 28.842 min Scan# 4408

Delta R.T. -0.024 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

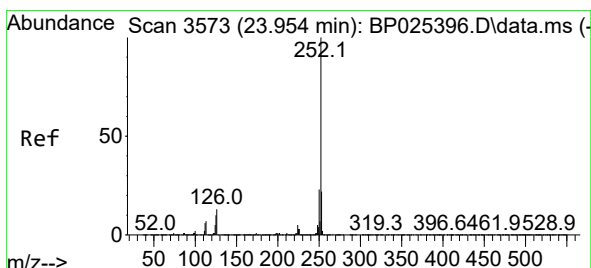
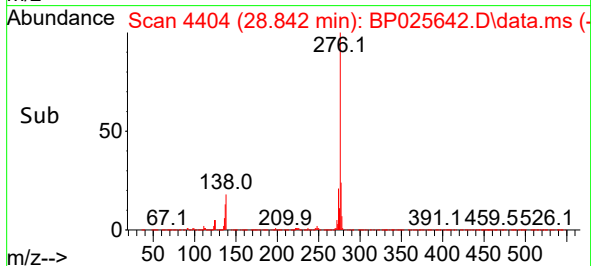
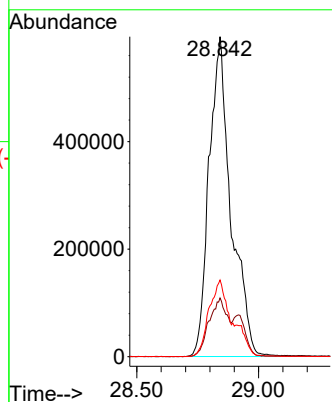
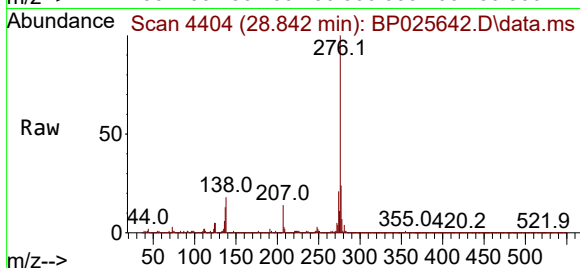
Tgt Ion:276 Resp: 3714994

Ion Ratio Lower Upper

276 100

138 15.5 12.9 19.3

277 21.7 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 51.458 ng

RT: 23.936 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

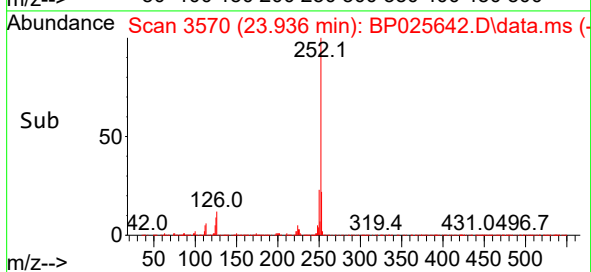
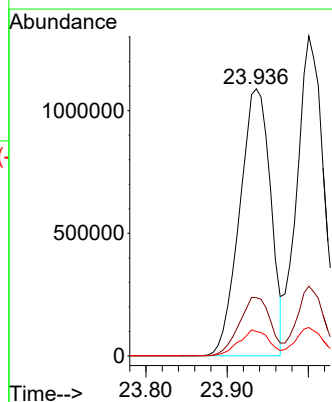
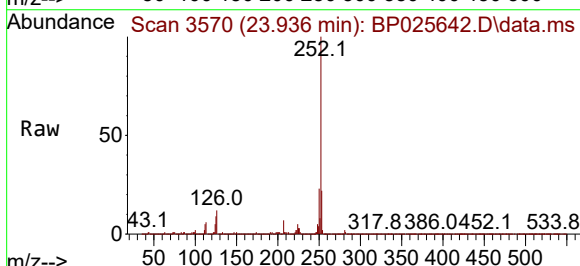
Tgt Ion:252 Resp: 2887889

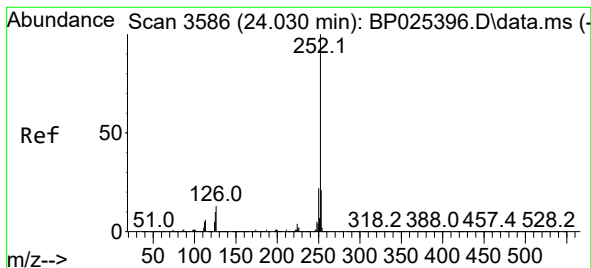
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 53.500 ng

RT: 24.001 min Scan# 3586

Delta R.T. -0.030 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

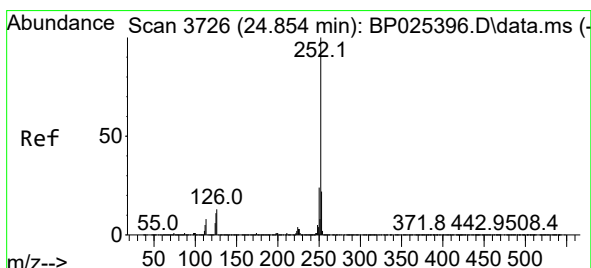
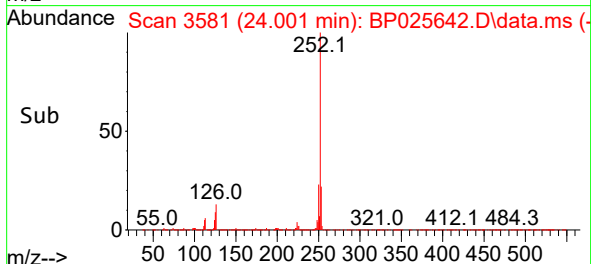
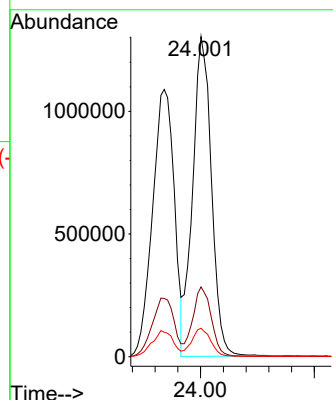
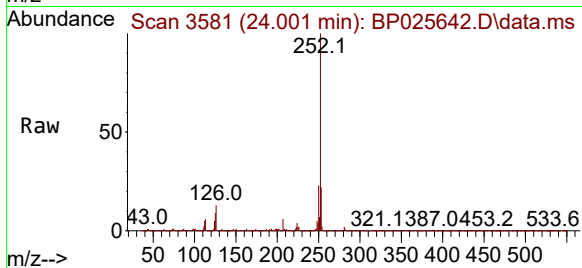
Tgt Ion:252 Resp: 3004552

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 8.9 7.8 11.6



#90

Benzo(a)pyrene

Concen: 51.749 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.012 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

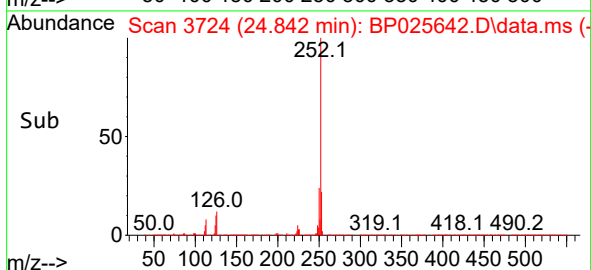
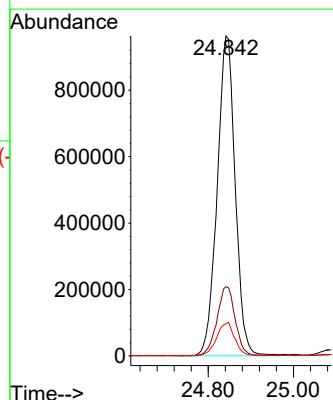
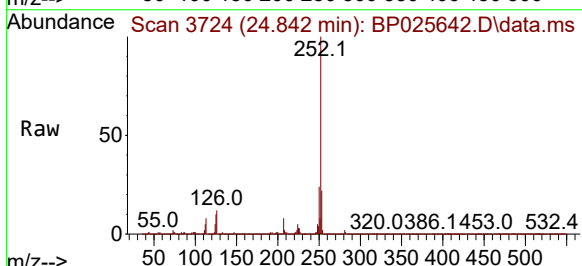
Tgt Ion:252 Resp: 2827051

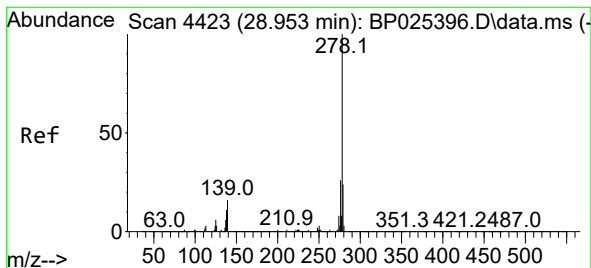
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 53.286 ng

RT: 28.924 min Scan# 4418

Delta R.T. -0.030 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-5MSD

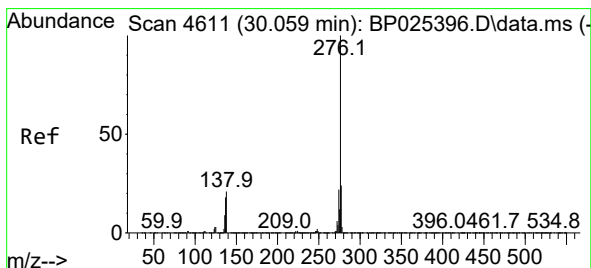
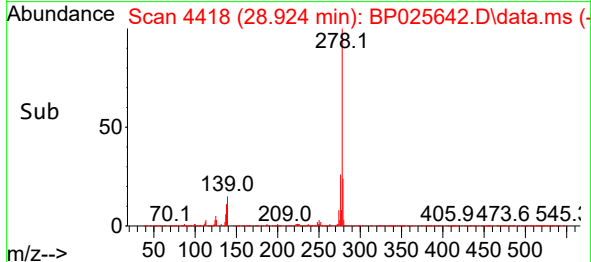
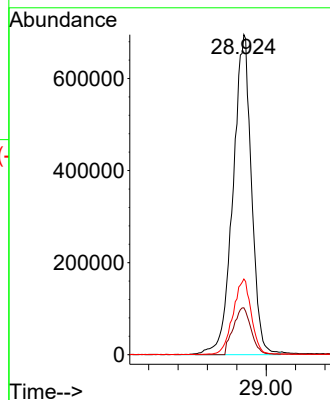
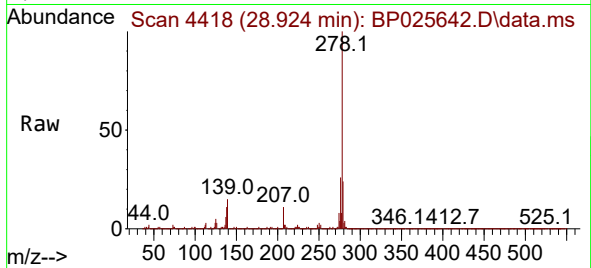
Tgt Ion:278 Resp: 3039360

Ion Ratio Lower Upper

278 100

139 14.6 13.0 19.4

279 23.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 52.676 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.053 min

Lab File: BP025642.D

Acq: 02 Sep 2025 17:37

Tgt Ion:276 Resp: 2953428

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 19.6 16.7 25.1

