

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025646.D
 Acq On : 02 Sep 2025 20:22
 Operator : CG/JU
 Sample : Q2995-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT5427MSD

Quant Time: Sep 03 01:04:51 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	145693	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	581441	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	368807	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	753771	20.000	ng	#-0.02
76) Chrysene-d12	21.624	240	811548	20.000	ng	-0.02
86) Perylene-d12	24.971	264	906350	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	1252215	142.735	ng	0.00
7) Phenol-d6	6.966	99	1473243	130.981	ng	0.00
23) Nitrobenzene-d5	8.913	82	1095843	95.339	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	828412	166.878	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	2457106	91.053	ng	-0.02
79) Terphenyl-d14	19.901	244	4313281	97.240	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	143163	41.661	ng	# 73
3) Pyridine	3.731	79	350731	37.289	ng	95
4) n-Nitrosodimethylamine	3.625	42	210186	54.204	ng	92
6) Aniline	7.107	93	425901	28.104	ng	97
8) 2-Chlorophenol	7.348	128	508165	51.330	ng	96
9) Benzaldehyde	6.925	77	185119	23.491	ng	96
10) Phenol	6.990	94	544789	46.159	ng	96
11) bis(2-Chloroethyl)ether	7.201	93	467705	50.843	ng	97
12) 1,3-Dichlorobenzene	7.660	146	527498	48.322	ng	98
13) 1,4-Dichlorobenzene	7.807	146	538144	48.231	ng	99
14) 1,2-Dichlorobenzene	8.119	146	519276	48.078	ng	98
15) Benzyl Alcohol	8.013	79	460938	51.576	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.284	45	641937	52.092	ng	97
17) 2-Methylphenol	8.219	107	419218	51.143	ng	100
18) Hexachloroethane	8.842	117	204070	49.744	ng	97
19) n-Nitroso-di-n-propyla...	8.566	70	366283	49.164	ng	95
20) 3+4-Methylphenols	8.542	107	556524	48.980	ng	96
22) Acetophenone	8.584	105	755746	51.830	ng	# 98
24) Nitrobenzene	8.954	77	535086	52.089	ng	99
25) Isophorone	9.484	82	1067443	52.475	ng	98
26) 2-Nitrophenol	9.654	139	284069	53.883	ng	98
27) 2,4-Dimethylphenol	9.725	122	490572	54.110	ng	99
28) bis(2-Chloroethoxy)met...	9.948	93	627064	50.997	ng	99
29) 2,4-Dichlorophenol	10.201	162	485850	53.946	ng	97
30) 1,2,4-Trichlorobenzene	10.401	180	497239	50.364	ng	99
31) Naphthalene	10.589	128	1519126	50.268	ng	99
32) Benzoic acid	9.895	122	350553	52.373	ng	96
33) 4-Chloroaniline	10.701	127	144518	10.826	ng	98
34) Hexachlorobutadiene	10.878	225	311400	50.646	ng	97
35) Caprolactam	11.501	113	155809	47.180	ng	96
36) 4-Chloro-3-methylphenol	11.836	107	562680	54.447	ng	96
37) 2-Methylnaphthalene	12.201	142	1002232	50.961	ng	99
38) 1-Methylnaphthalene	12.419	142	1053038	50.349	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	576647	54.137	ng	99
41) Hexachlorocyclopentadiene	12.548	237	605281	94.076	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	407964	56.733	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	456973	57.983	ng	98
46) 1,1'-Biphenyl	13.213	154	1440686	53.787	ng	98
47) 2-Chloronaphthalene	13.254	162	1115529	53.498	ng	99
48) 2-Nitroaniline	13.460	65	367474	60.483	ng	97
49) Acenaphthylene	14.113	152	1889551	54.763	ng	100
50) Dimethylphthalate	13.848	163	1539662	57.009	ng	100
51) 2,6-Dinitrotoluene	13.960	165	334747	58.806	ng	94
52) Acenaphthene	14.454	154	1066216	52.645	ng	100
53) 3-Nitroaniline	14.289	138	209683	32.740	ng	95
54) 2,4-Dinitrophenol	14.519	184	421386	138.619	ng	98
55) Dibenzofuran	14.789	168	1742364	54.414	ng	100
56) 4-Nitrophenol	14.630	139	531804	101.050	ng	94
57) 2,4-Dinitrotoluene	14.766	165	488410	60.137	ng	96
58) Fluorene	15.454	166	1405422	55.625	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.024	232	413588	59.433	ng	99
60) Diethylphthalate	15.219	149	1602763	58.405	ng	100
61) 4-Chlorophenyl-phenyle...	15.448	204	705090	56.112	ng	98
62) 4-Nitroaniline	15.472	138	359426	54.743	ng	94
63) Azobenzene	15.748	77	1386925	59.024	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	293157	62.392	ng	93
66) n-Nitrosodiphenylamine	15.666	169	1276758	55.546	ng	98
67) 4-Bromophenyl-phenylether	16.360	248	468799	56.549	ng	99
68) Hexachlorobenzene	16.477	284	539964	56.188	ng	99
69) Atrazine	16.636	200	498851	57.951	ng	98
70) Pentachlorophenol	16.836	266	747835	123.277	ng	99
71) Phenanthrene	17.230	178	2265145	54.704	ng	100
72) Anthracene	17.324	178	2354403	55.679	ng	100
73) Carbazole	17.601	167	2233656	56.081	ng	99
74) Di-n-butylphthalate	18.195	149	3007130	61.367	ng	99
75) Fluoranthene	19.312	202	2774470	56.173	ng	99
77) Benzidine	19.507	184	547185	19.757	ng	99
78) Pyrene	19.689	202	2898500	54.950	ng	99
80) Butylbenzylphthalate	20.630	149	1418811	59.349	ng	99
81) Benzo(a)anthracene	21.601	228	2972995	55.547	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	698012	34.600	ng	100
83) Chrysene	21.671	228	2791132	55.686	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	2133598	60.629	ng	99
85) Di-n-octyl phthalate	22.806	149	3689306	60.950	ng	98
87) Indeno(1,2,3-cd)pyrene	28.812	276	3712998	55.861	ng	# 94
88) Benzo(b)fluoranthene	23.918	252	3018548	56.480	ng	99
89) Benzo(k)fluoranthene	23.995	252	3016274	56.399	ng	99
90) Benzo(a)pyrene	24.812	252	2926426	56.251	ng	99
91) Dibenzo(a,h)anthracene	28.888	278	3044768	56.054	ng	98
92) Benzo(g,h,i)perylene	30.006	276	2962937	55.492	ng	98

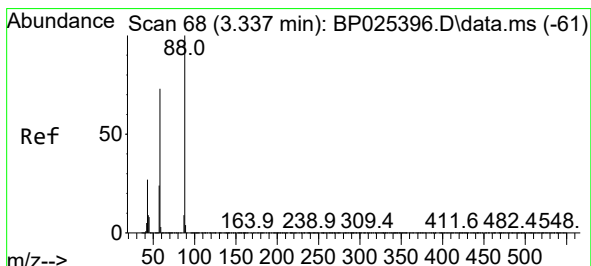
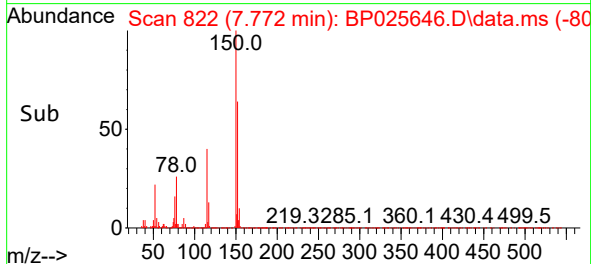
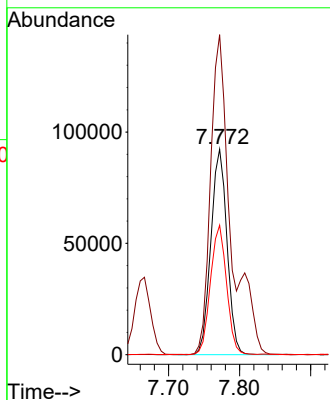
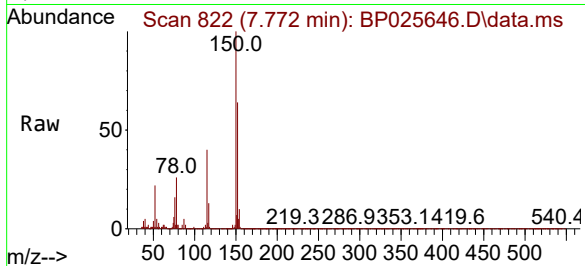
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025646.D
 Acq: 02 Sep 2025 20:22

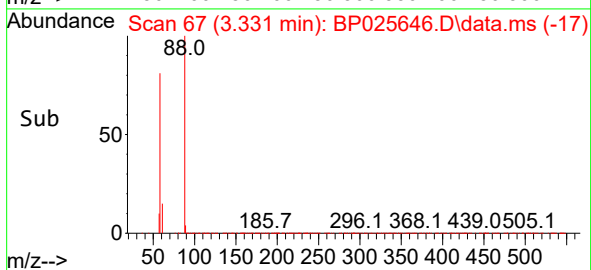
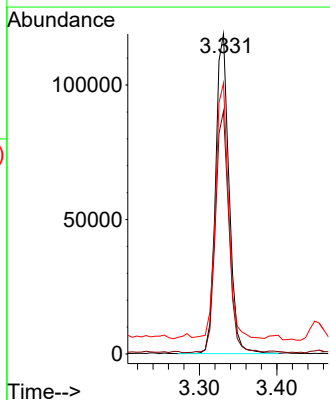
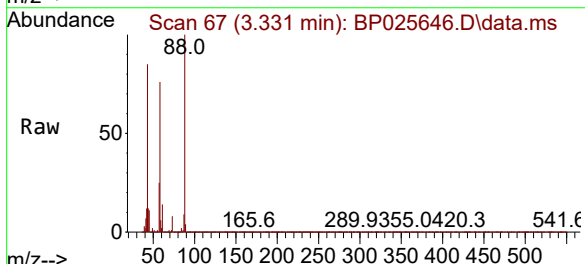
Instrument :
 BNA_P
 ClientSampleId :
 RT5427MSD

Tgt Ion:152 Resp: 145693
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.9 188.9
 115 63.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 41.661 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025646.D
 Acq: 02 Sep 2025 20:22

Tgt Ion: 88 Resp: 143163
 Ion Ratio Lower Upper
 88 100
 58 75.5 59.2 88.8
 43 76.9 21.7 32.5

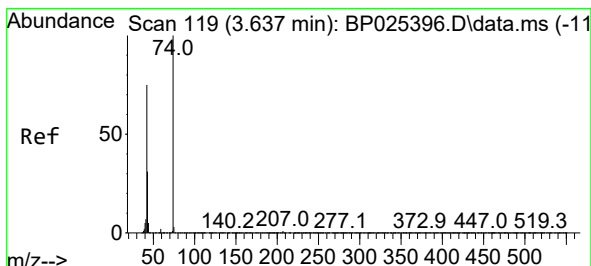
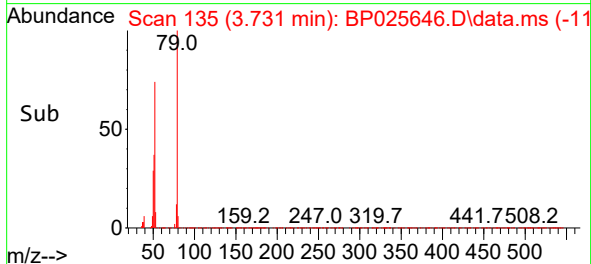
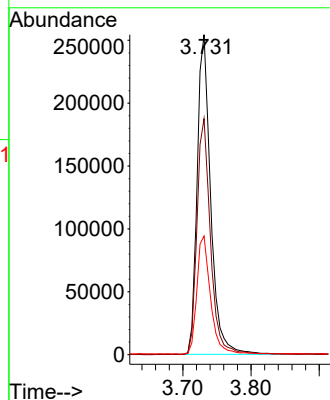
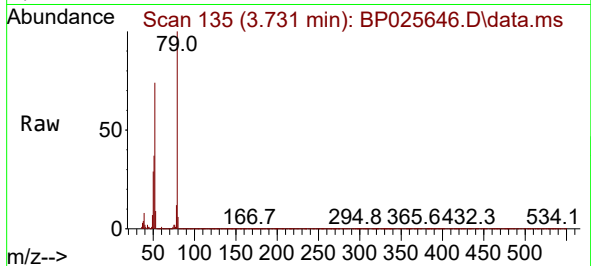




#3
Pyridine
Concen: 37.289 ng
RT: 3.731 min Scan# 117
Delta R.T. -0.000 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

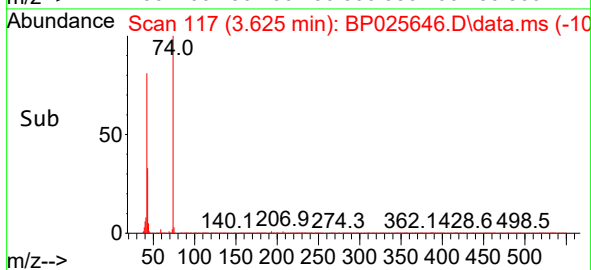
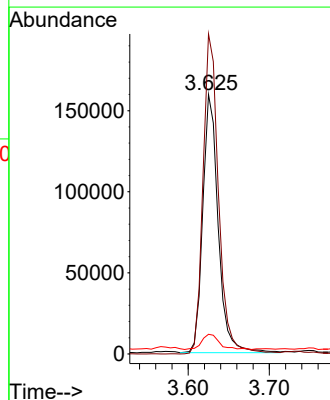
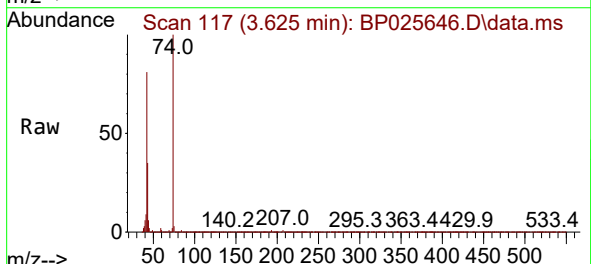
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

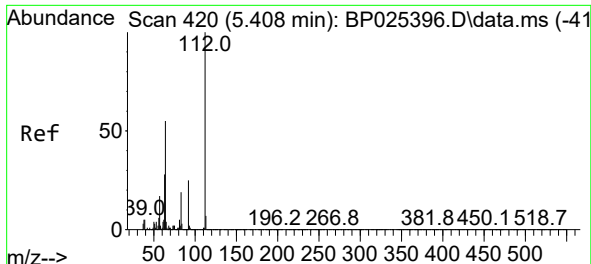
Tgt Ion: 79 Resp: 350731
Ion Ratio Lower Upper
79 100
52 73.7 55.5 83.3
51 37.1 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 54.204 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 42 Resp: 210186
Ion Ratio Lower Upper
42 100
74 123.3 107.0 160.4
44 7.6 6.2 9.4

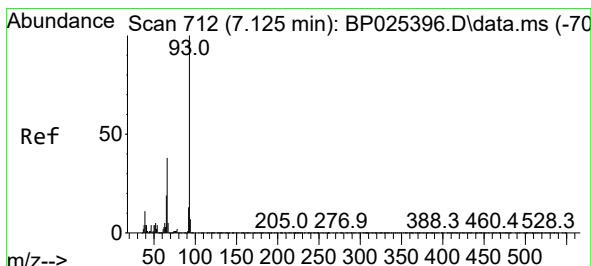
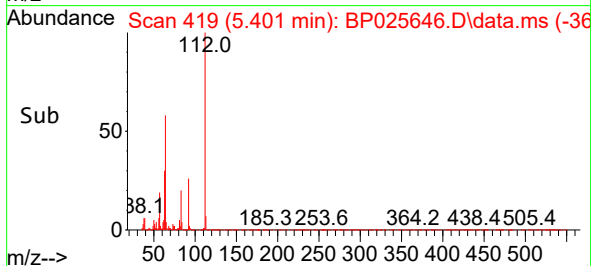
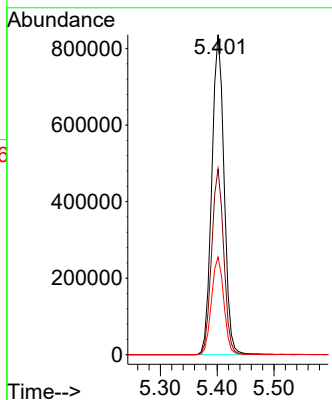
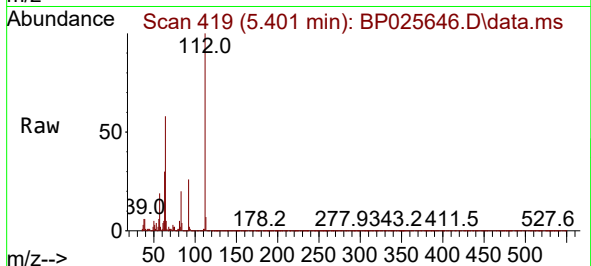




#5
2-Fluorophenol
Concen: 142.735 ng
RT: 5.401 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

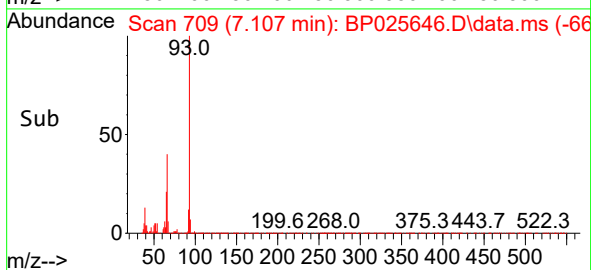
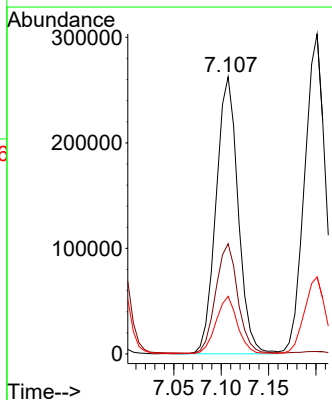
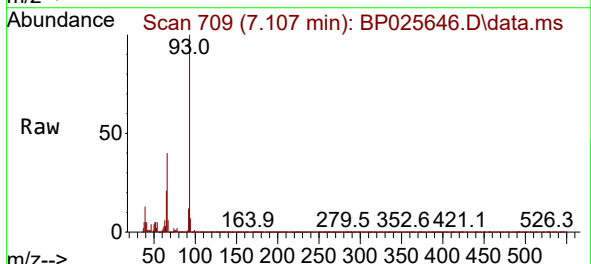
Instrument :
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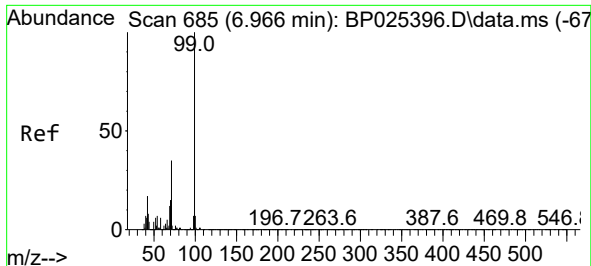
Tgt Ion:112 Resp: 1252215
Ion Ratio Lower Upper
112 100
64 58.1 43.8 65.8
63 30.5 22.7 34.1



#6
Aniline
Concen: 28.104 ng
RT: 7.107 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 93 Resp: 425901
Ion Ratio Lower Upper
93 100
66 39.8 30.4 45.6
65 20.8 15.3 22.9

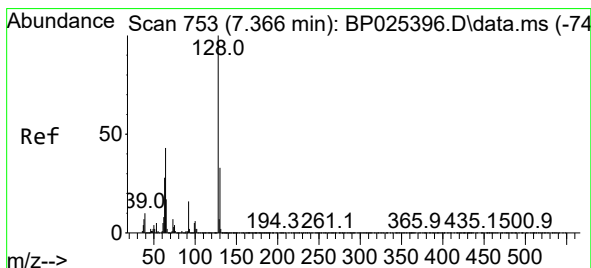
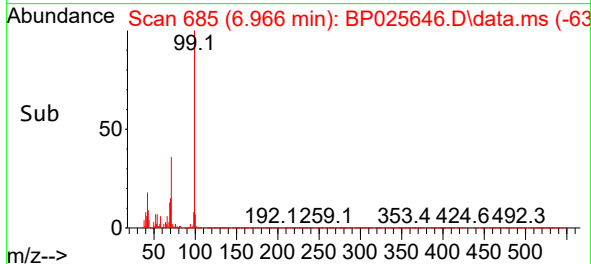
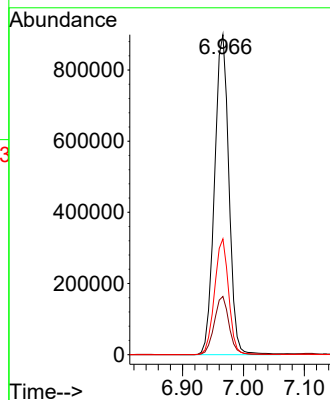
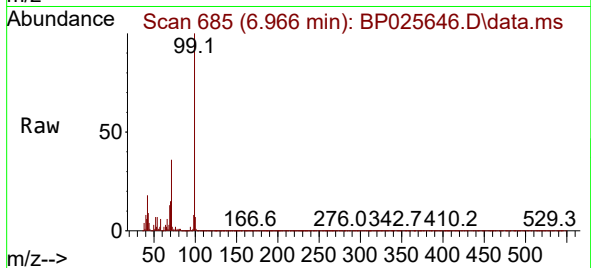




#7
Phenol-d6
Concen: 130.981 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

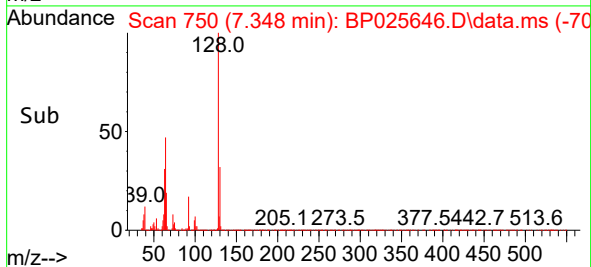
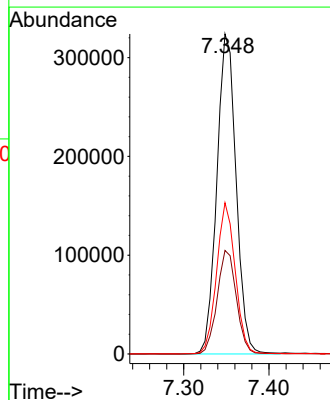
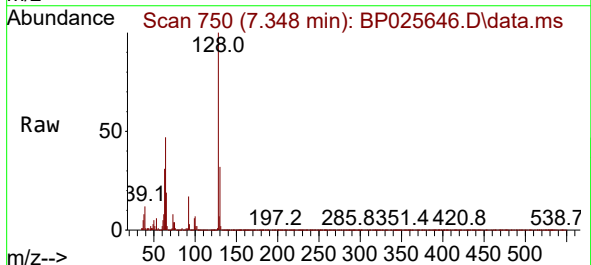
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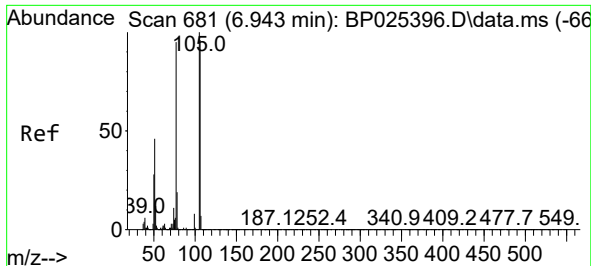
Tgt Ion: 99 Resp: 1473243
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 36.2 28.2 42.4



#8
2-Chlorophenol
Concen: 51.330 ng
RT: 7.348 min Scan# 750
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 128 Resp: 508165
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 47.2 23.4 63.4

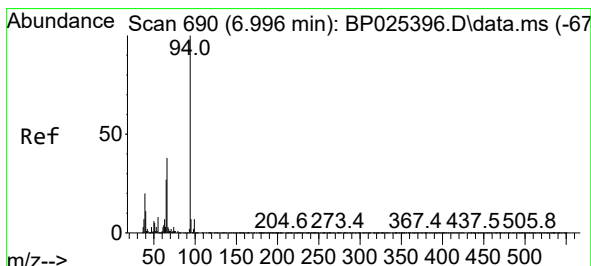
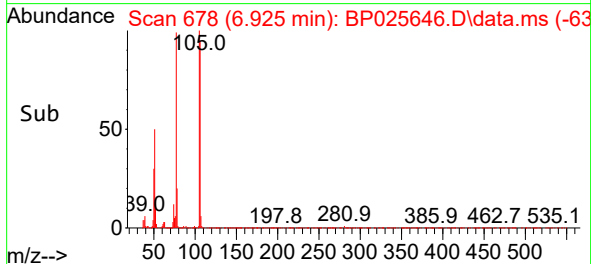
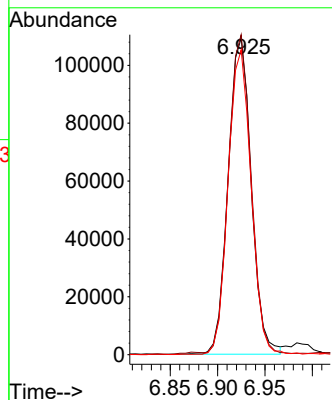
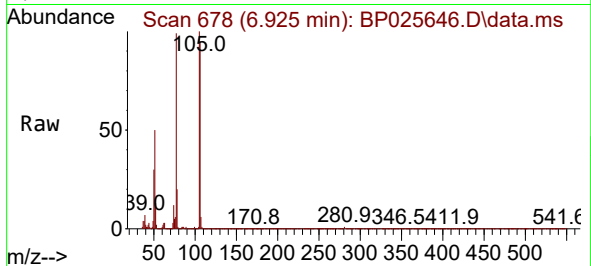




#9
Benzaldehyde
Concen: 23.491 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

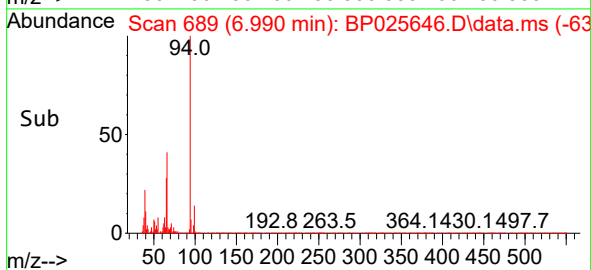
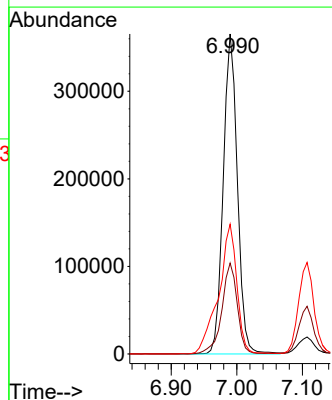
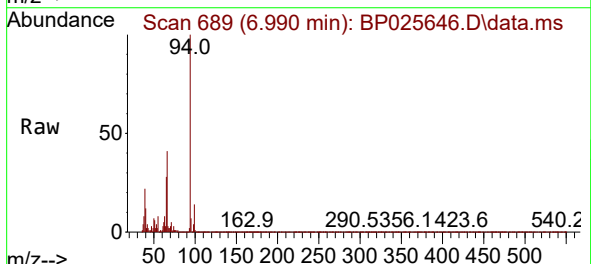
Instrument :
BNA_P
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RT5427MSD

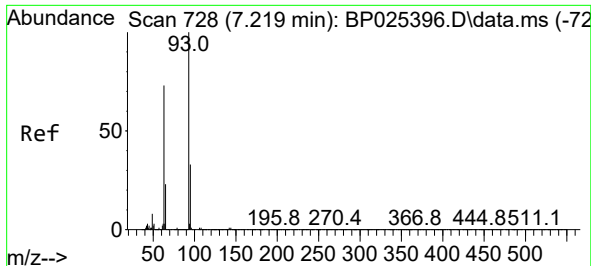
Tgt Ion: 77 Resp: 185119
Ion Ratio Lower Upper
77 100
105 101.1 84.8 124.8
106 96.4 80.5 120.5



#10
Phenol
Concen: 46.159 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 94 Resp: 544789
Ion Ratio Lower Upper
94 100
65 28.4 6.8 46.8
66 40.6 18.2 58.2

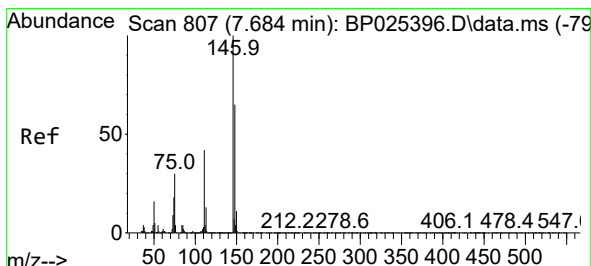
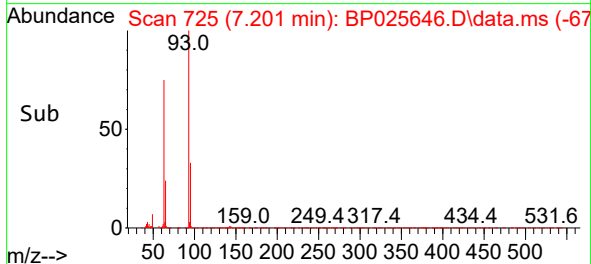
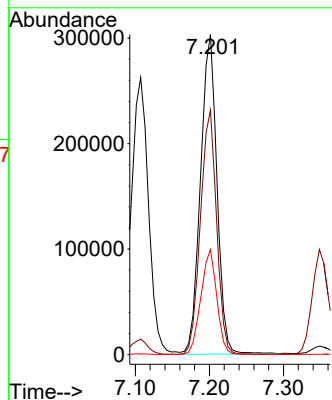
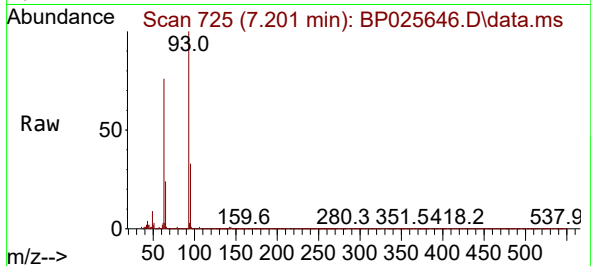




#11
bis(2-Chloroethyl)ether
Concen: 50.843 ng
RT: 7.201 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

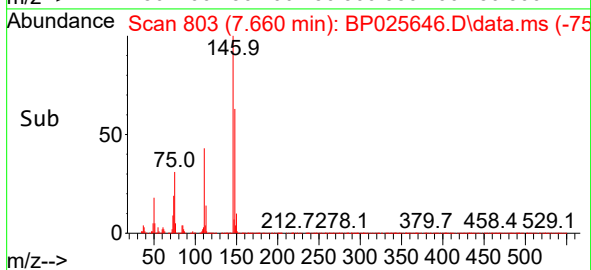
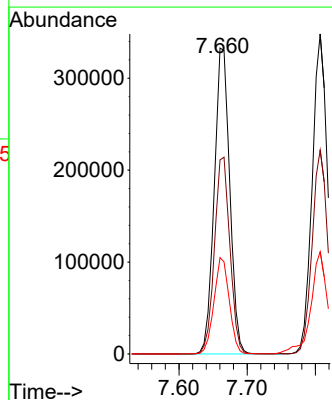
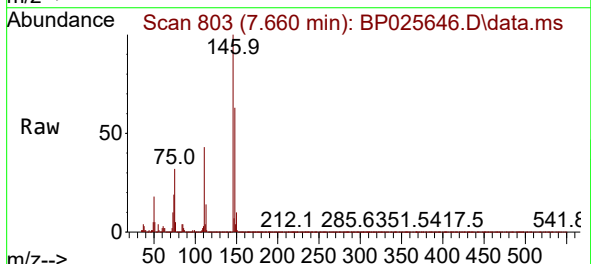
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

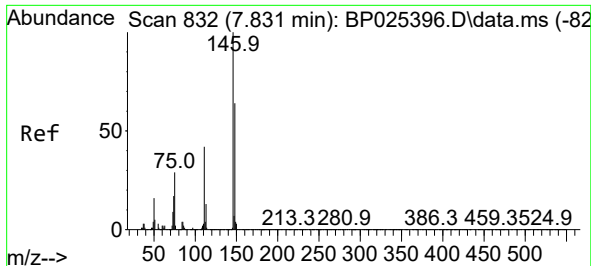
Tgt Ion: 93 Resp: 467705
Ion Ratio Lower Upper
93 100
63 76.5 52.6 92.6
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.322 ng
RT: 7.660 min Scan# 803
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:146 Resp: 527498
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 31.5 23.7 35.5

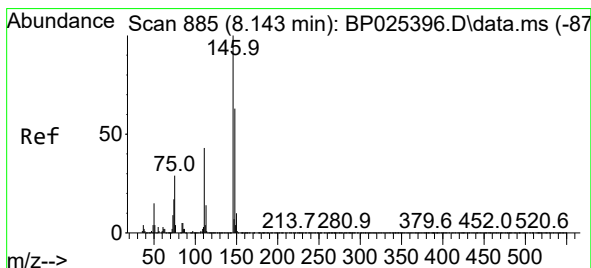
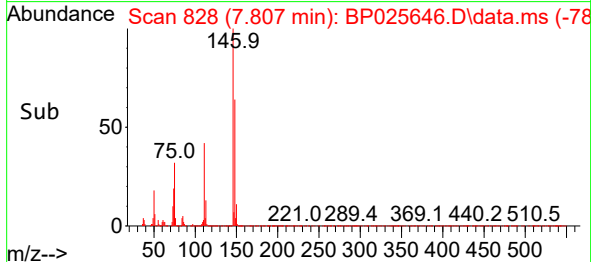
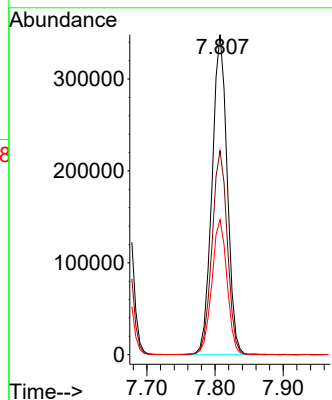
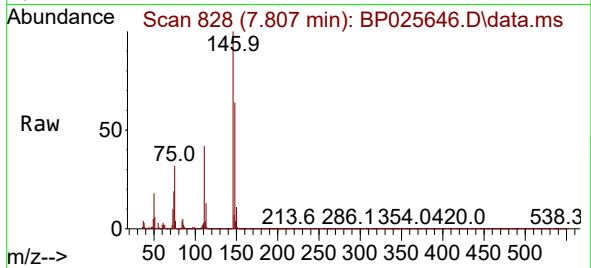




#13
1,4-Dichlorobenzene
Concen: 48.231 ng
RT: 7.807 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

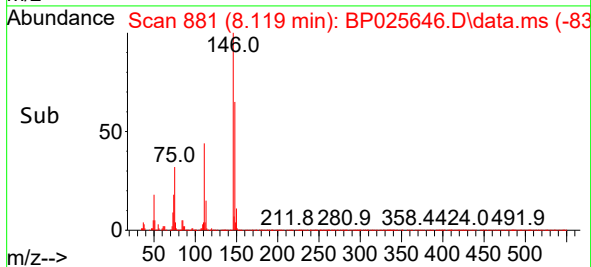
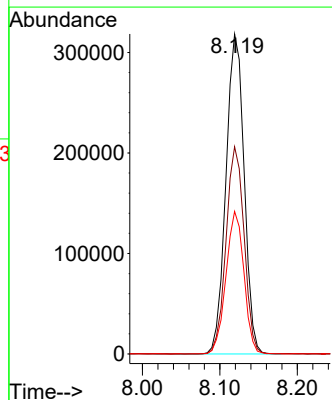
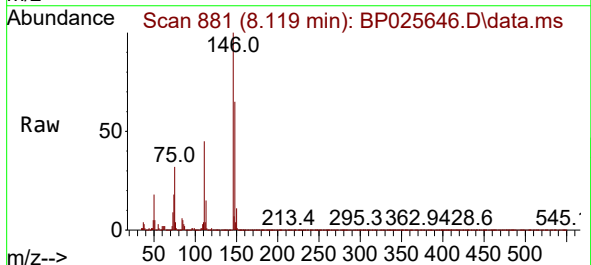
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

Tgt Ion:146 Resp: 538144
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
111 42.2 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 48.078 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:146 Resp: 519276
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
111 44.5 34.5 51.7

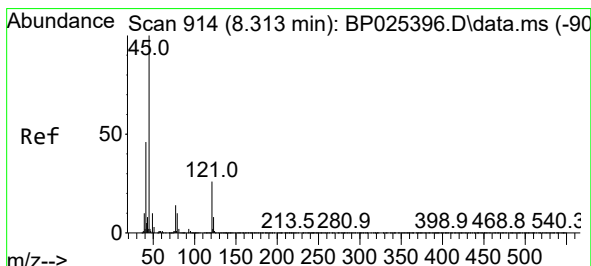
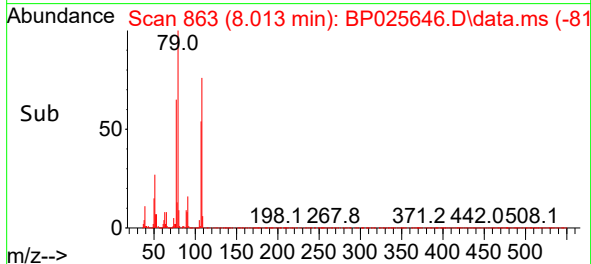
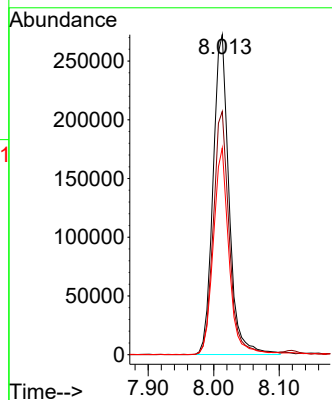
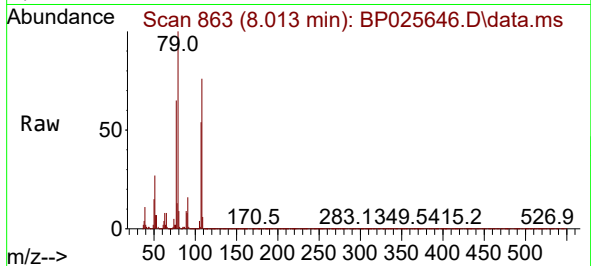




#15
Benzyl Alcohol
Concen: 51.576 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

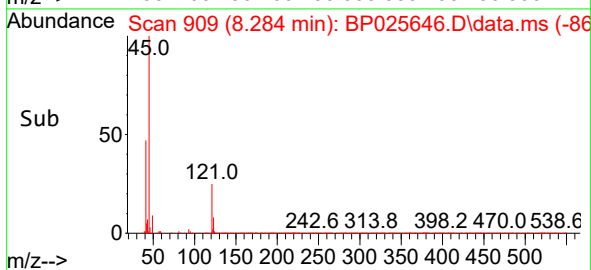
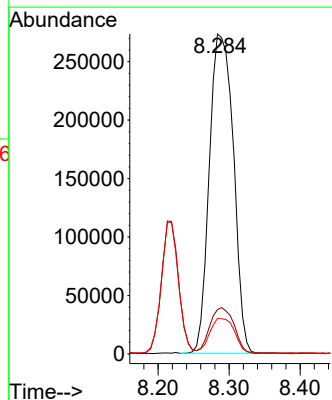
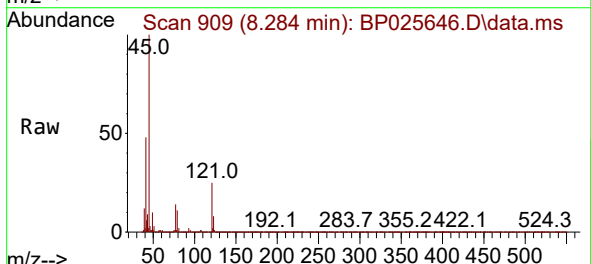
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

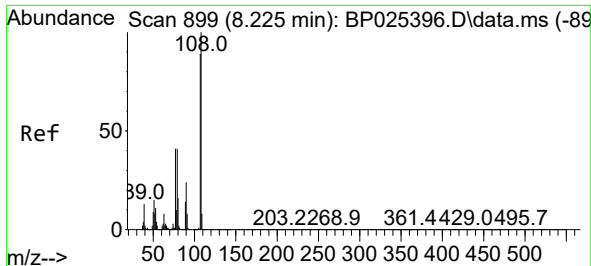
Tgt Ion: 79 Resp: 460938
Ion Ratio Lower Upper
79 100
108 76.0 63.8 95.6
77 64.6 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.092 ng
RT: 8.284 min Scan# 909
Delta R.T. -0.030 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 45 Resp: 641937
Ion Ratio Lower Upper
45 100
77 13.8 0.0 35.3
79 11.1 0.0 31.8





#17

2-Methylphenol

Concen: 51.143 ng

RT: 8.219 min Scan# 899

Delta R.T. -0.006 min

Lab File: BP025646.D

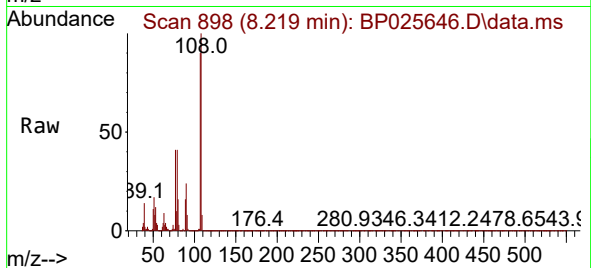
Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD



Tgt Ion:107 Resp: 419218

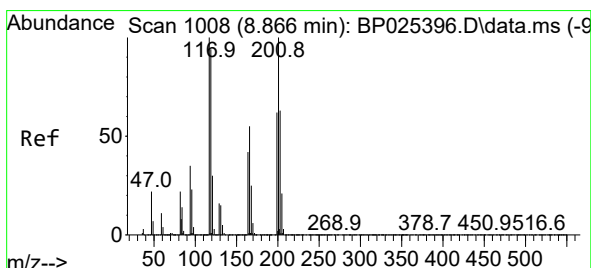
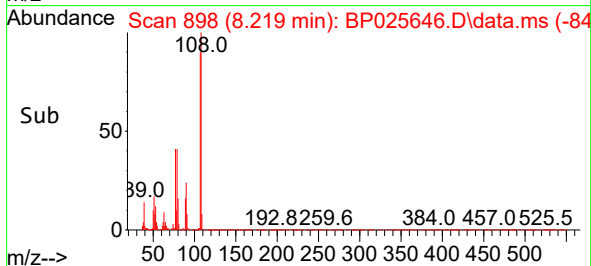
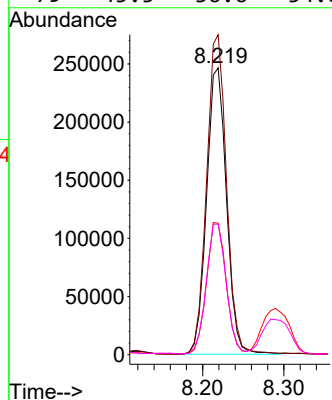
Ion Ratio Lower Upper

107 100

108 111.5 89.4 134.0

77 45.9 36.3 54.5

79 45.5 36.6 54.8



#18

Hexachloroethane

Concen: 49.744 ng

RT: 8.842 min Scan# 1004

Delta R.T. -0.024 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

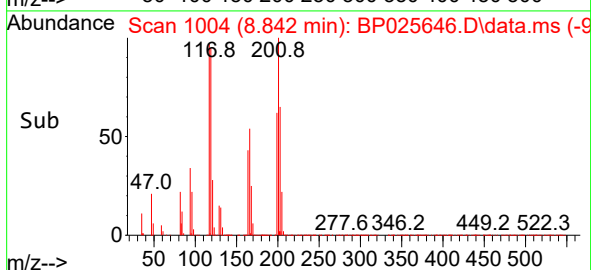
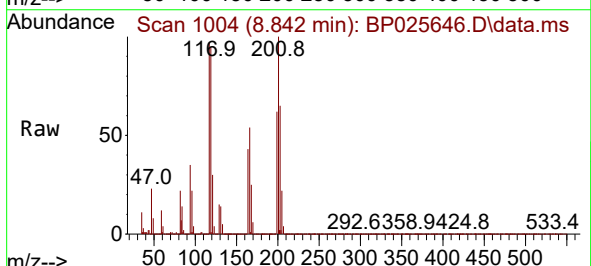
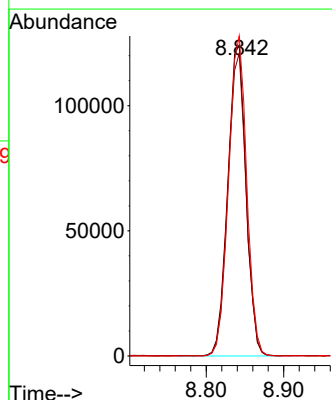
Tgt Ion:117 Resp: 204070

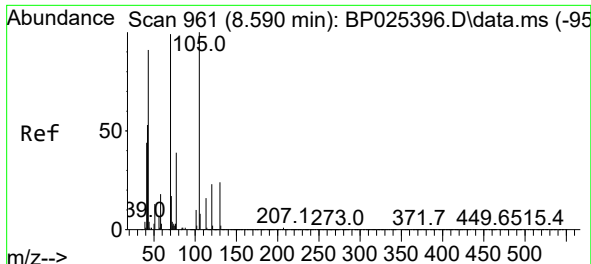
Ion Ratio Lower Upper

117 100

119 97.4 75.1 112.7

201 102.9 80.1 120.1

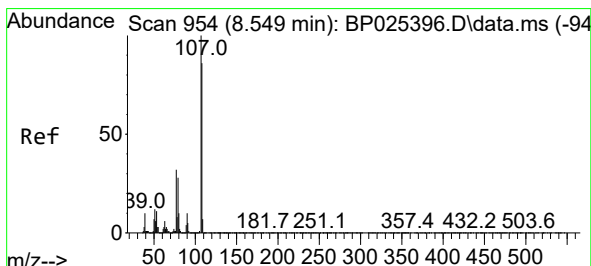
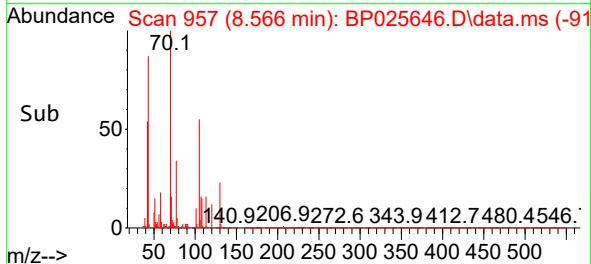
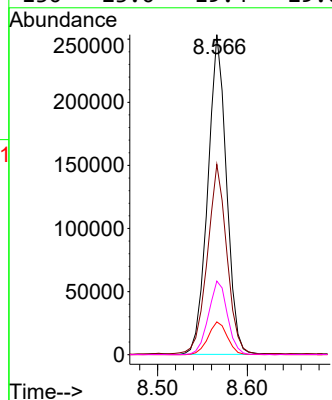
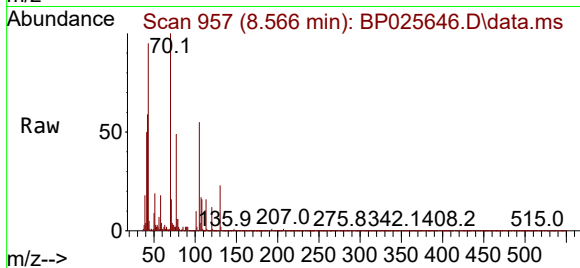




#19
n-Nitroso-di-n-propylamine
Concen: 49.164 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

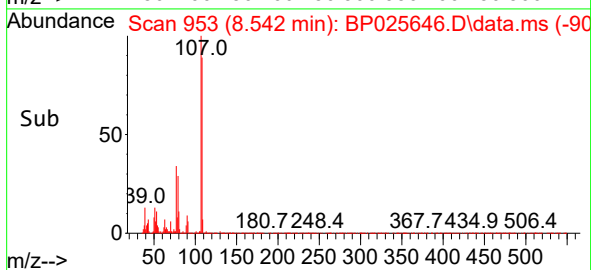
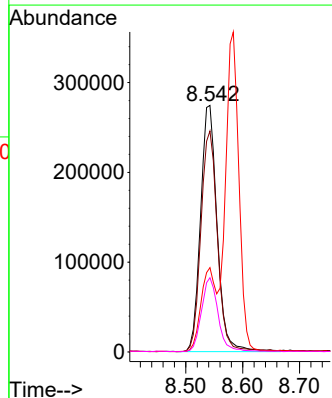
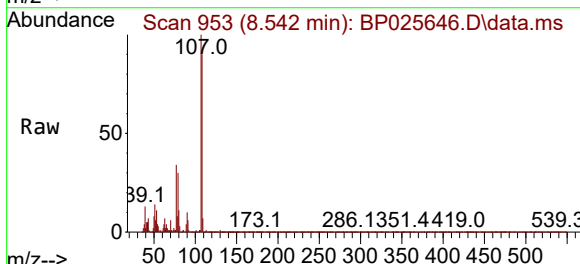
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

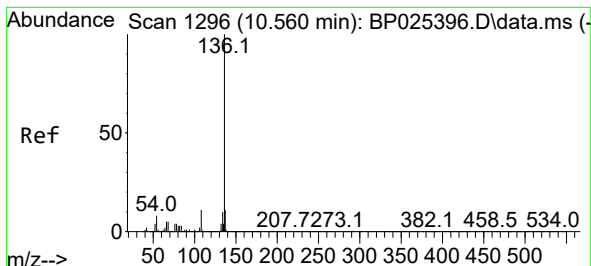
Tgt Ion: 70 Resp: 366283
Ion Ratio Lower Upper
70 100
42 59.5 43.8 65.6
101 10.2 8.5 12.7
130 23.0 19.4 29.0



#20
3+4-Methylphenols
Concen: 48.980 ng
RT: 8.542 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 107 Resp: 556524
Ion Ratio Lower Upper
107 100
108 89.6 66.3 106.3
77 34.2 12.3 52.3
79 30.2 7.8 47.8

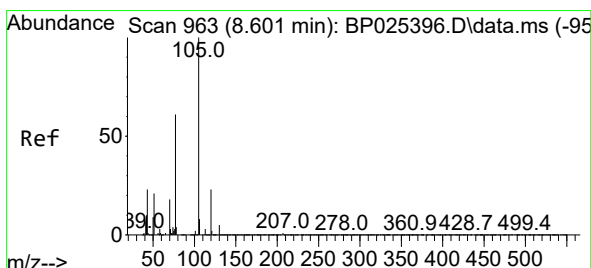
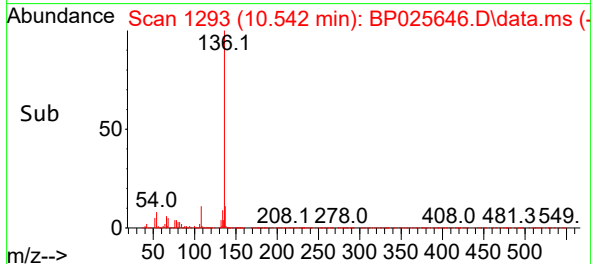
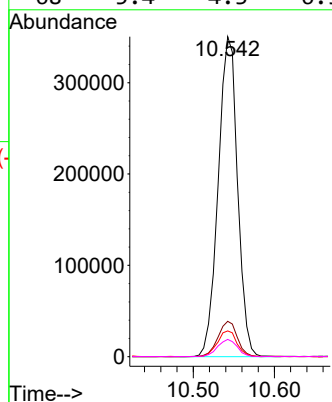
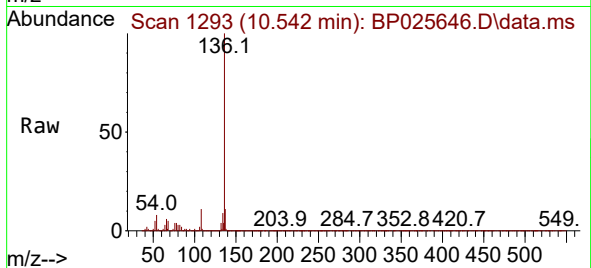




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

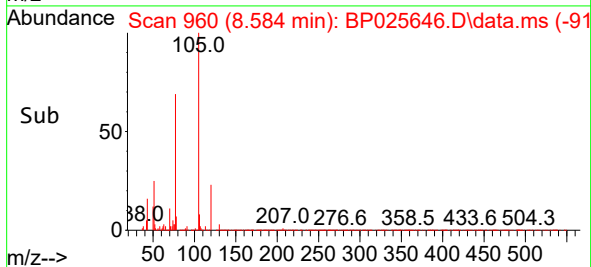
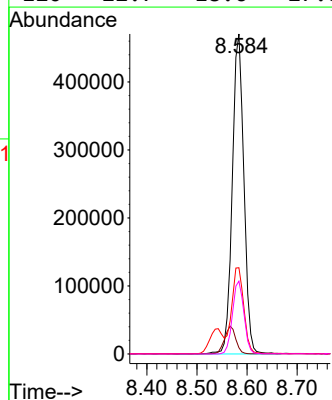
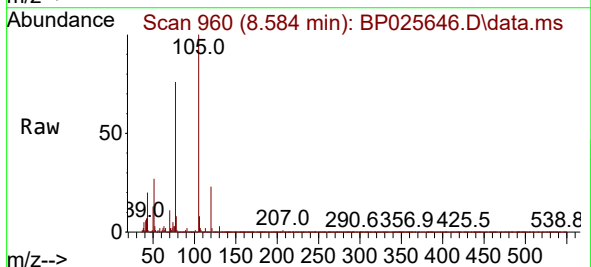
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

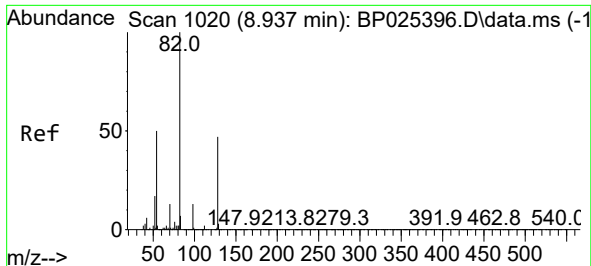
Tgt Ion:	136	Resp:	581441
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.0	6.0	9.0
68	5.4	4.3	6.5



#22
Acetophenone
Concen: 51.830 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:	105	Resp:	755746
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.6	4.0#
51	26.9	20.6	30.8
120	22.7	18.6	27.8

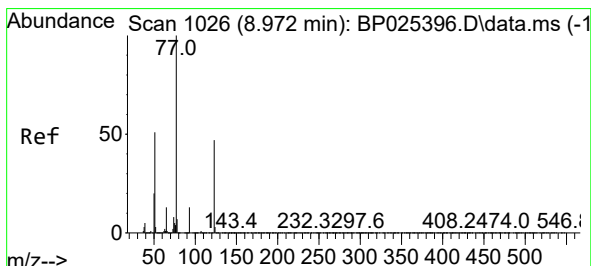
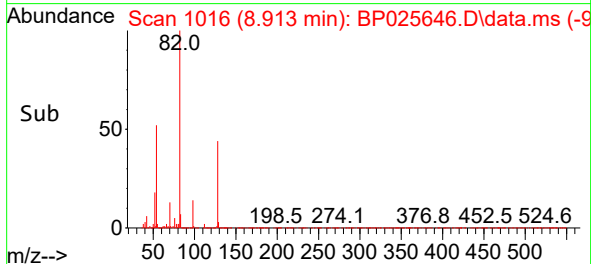
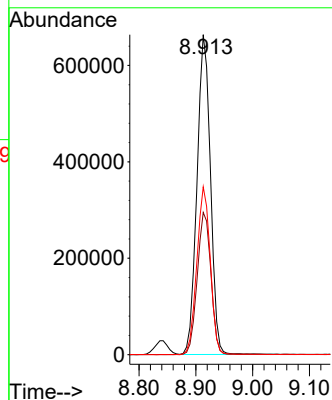
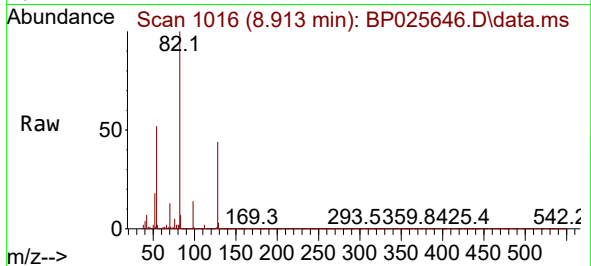




#23
Nitrobenzene-d5
Concen: 95.339 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

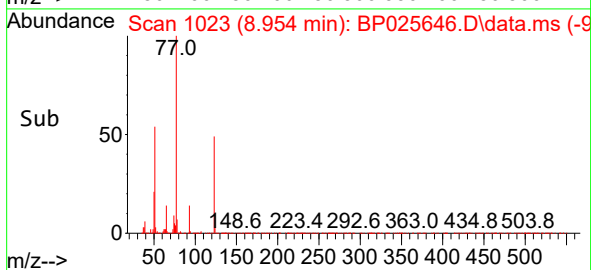
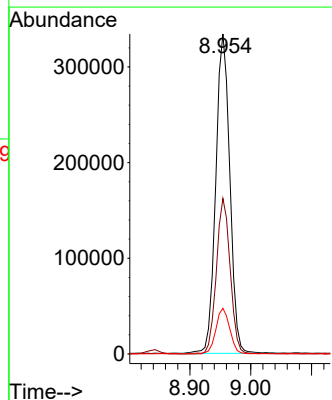
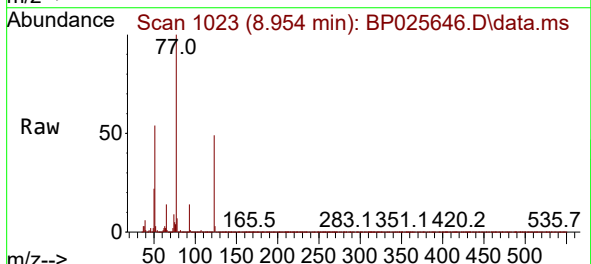
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

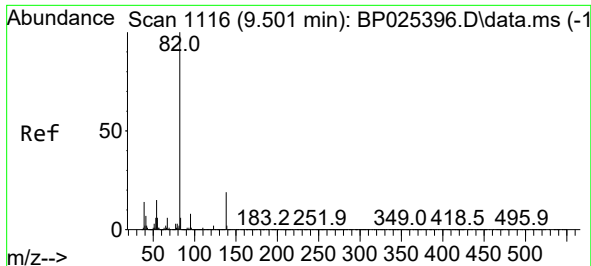
Tgt Ion: 82 Resp: 1095843
Ion Ratio Lower Upper
82 100
128 44.5 37.7 56.5
54 52.4 39.8 59.6



#24
Nitrobenzene
Concen: 52.089 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 77 Resp: 535086
Ion Ratio Lower Upper
77 100
123 48.6 38.6 58.0
65 14.3 10.6 15.8

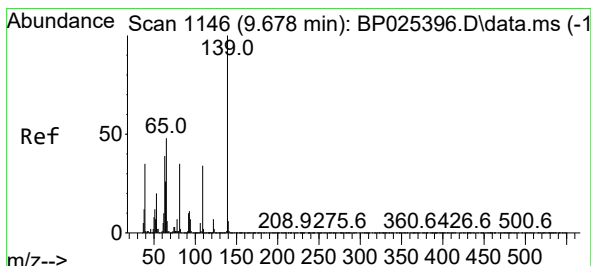
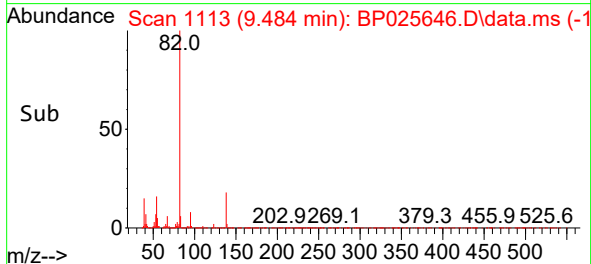
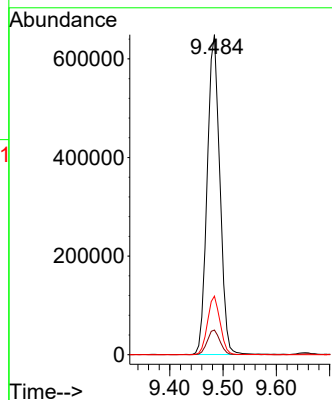
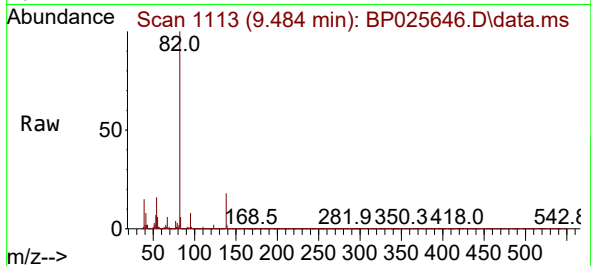




#25
Isophorone
Concen: 52.475 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

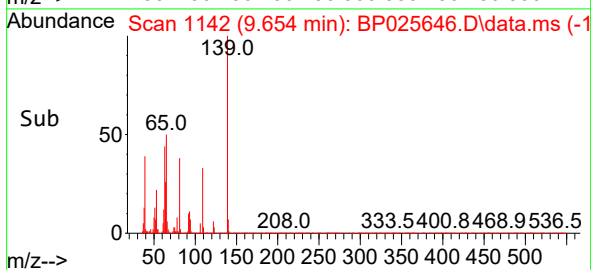
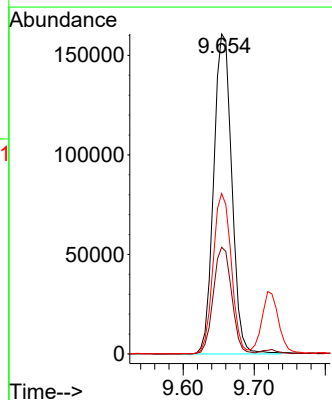
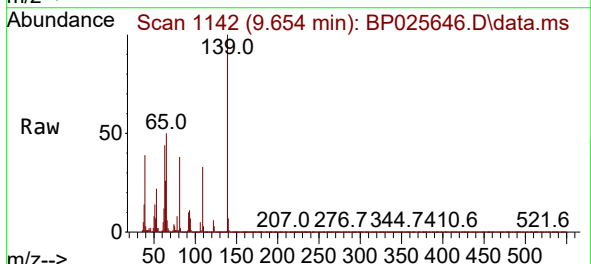
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

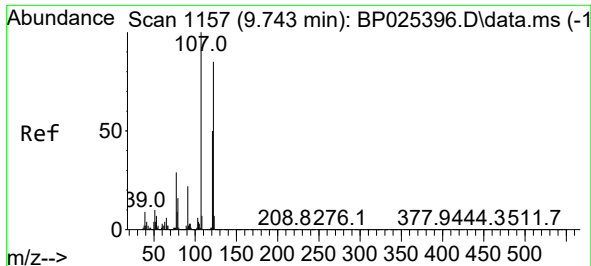
Tgt Ion: 82 Resp: 1067443
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.3 15.4 23.0



#26
2-Nitrophenol
Concen: 53.883 ng
RT: 9.654 min Scan# 1142
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 139 Resp: 284069
Ion Ratio Lower Upper
139 100
109 33.3 26.9 40.3
65 50.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 54.110 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

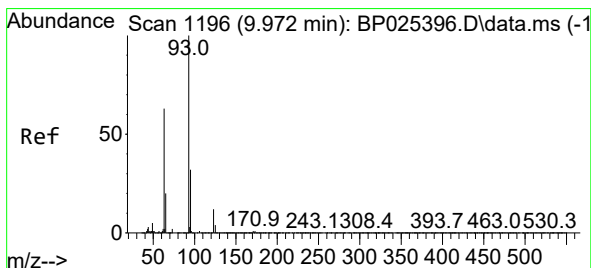
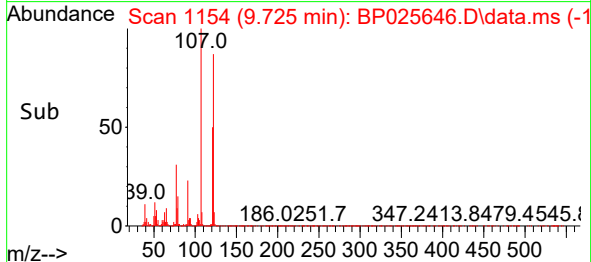
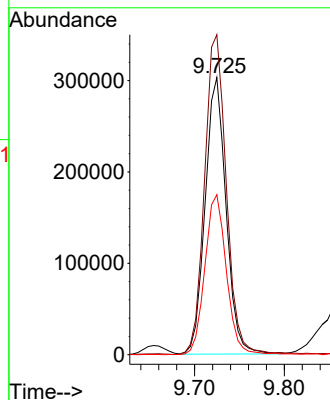
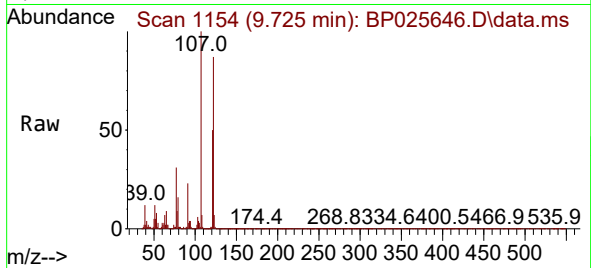
Tgt Ion:122 Resp: 490572

Ion Ratio Lower Upper

122 100

107 115.5 93.7 140.5

121 57.8 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.997 ng

RT: 9.948 min Scan# 1192

Delta R.T. -0.024 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

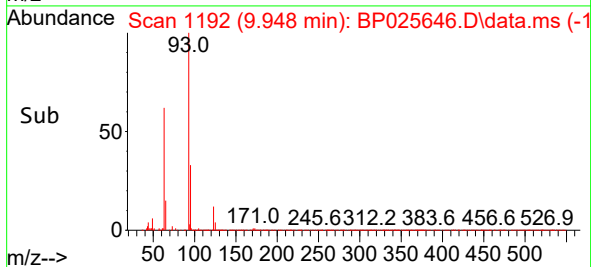
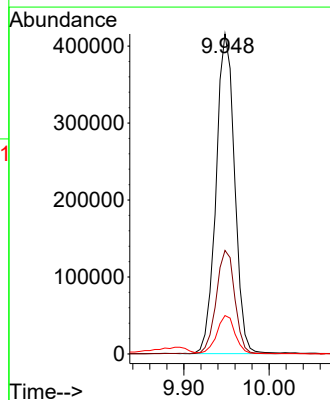
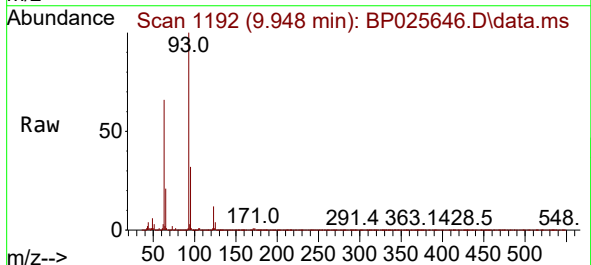
Tgt Ion: 93 Resp: 627064

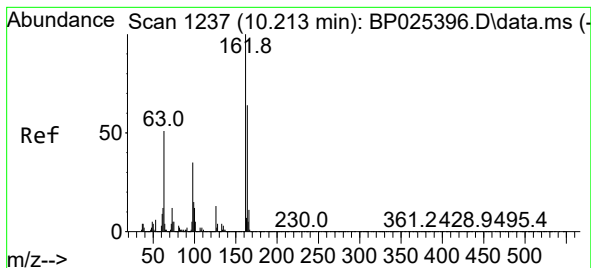
Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.0

123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.946 ng

RT: 10.201 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

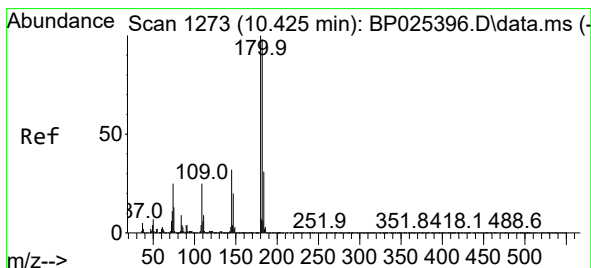
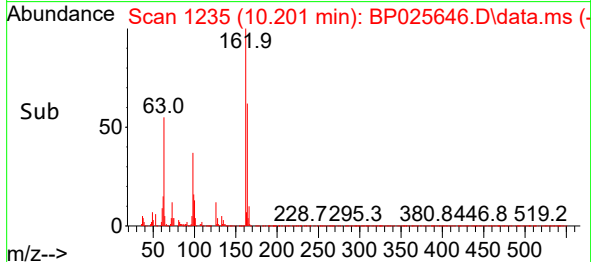
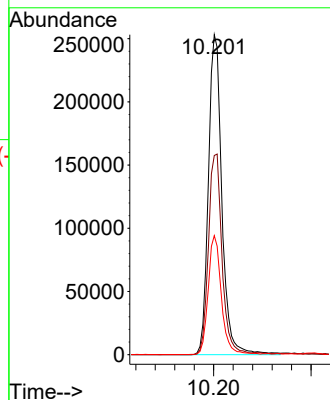
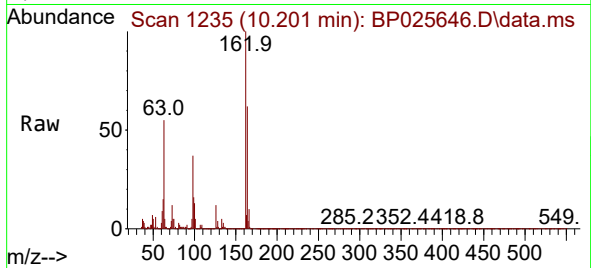
Tgt Ion:162 Resp: 485850

Ion Ratio Lower Upper

162 100

164 62.3 44.4 84.4

98 37.2 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 50.364 ng

RT: 10.401 min Scan# 1269

Delta R.T. -0.024 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

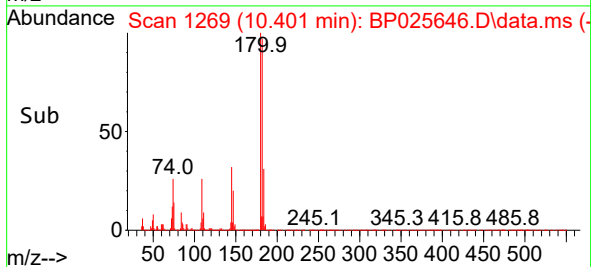
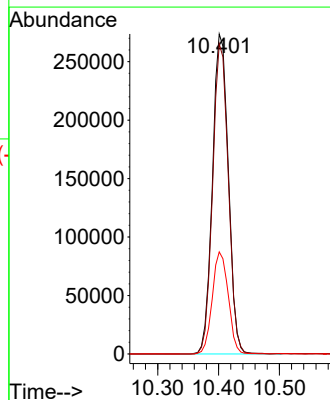
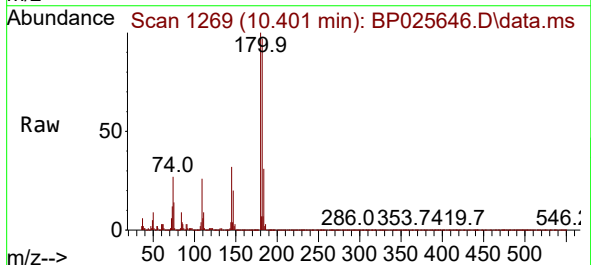
Tgt Ion:180 Resp: 497239

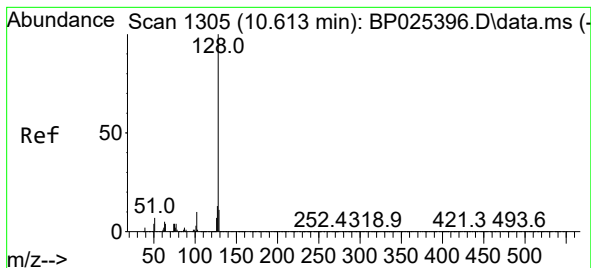
Ion Ratio Lower Upper

180 100

182 96.9 78.0 117.0

145 31.9 25.9 38.9





#31

Naphthalene

Concen: 50.268 ng

RT: 10.589 min Scan# 1183

Delta R.T. -0.024 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

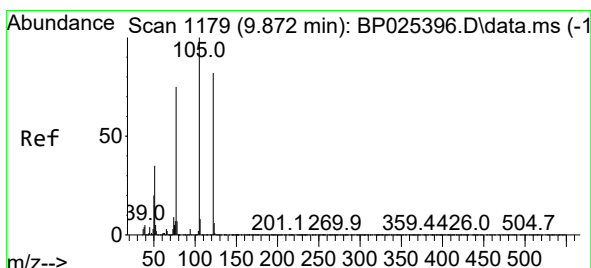
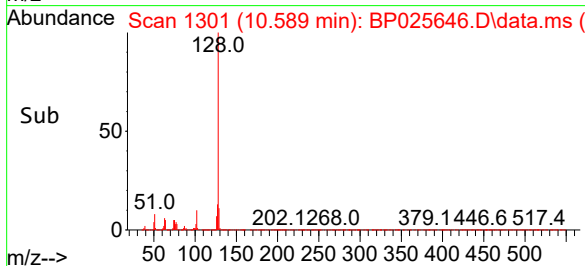
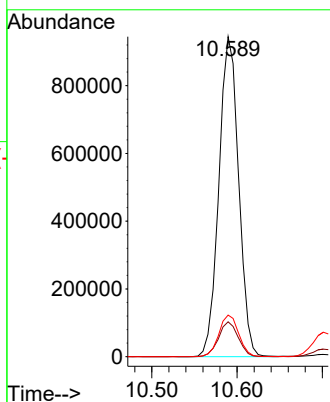
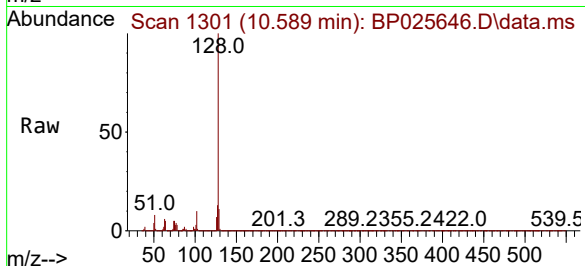
Tgt Ion:128 Resp: 1519126

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.0 10.7 16.1



#32

Benzoic acid

Concen: 52.373 ng

RT: 9.895 min Scan# 1183

Delta R.T. 0.023 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

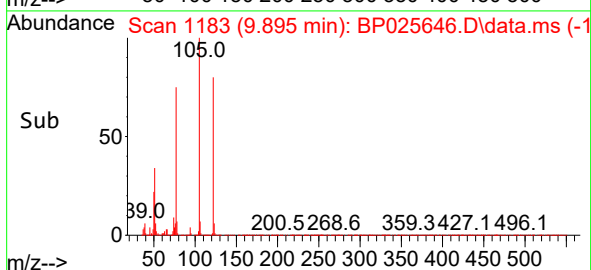
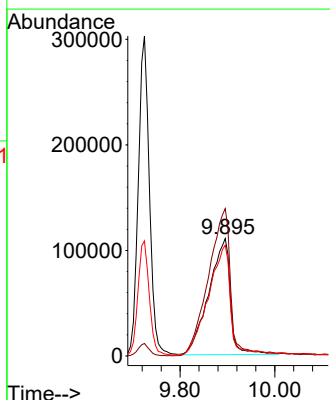
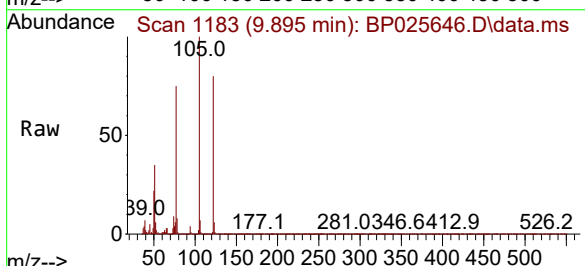
Tgt Ion:122 Resp: 350553

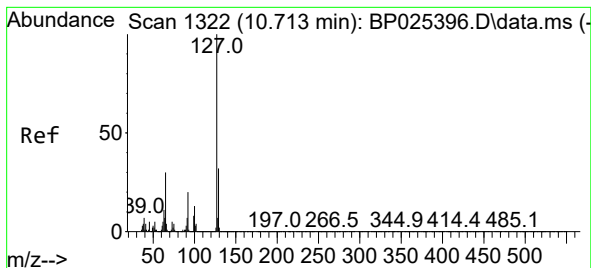
Ion Ratio Lower Upper

122 100

105 125.5 100.6 140.6

77 94.3 71.5 111.5





#33

4-Chloroaniline

Concen: 10.826 ng

RT: 10.701 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

Tgt Ion:127 Resp: 144518

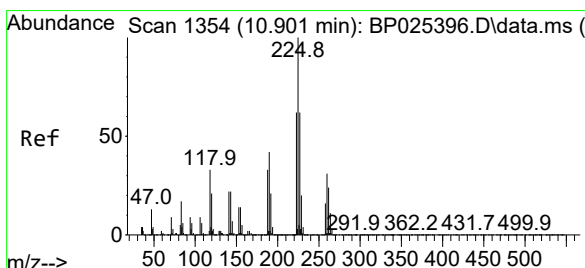
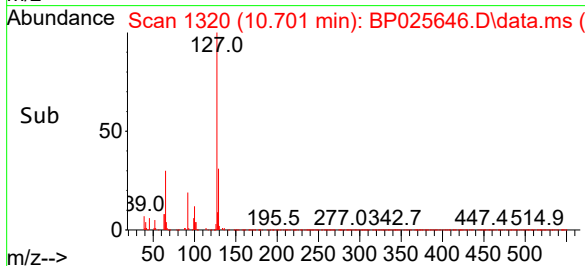
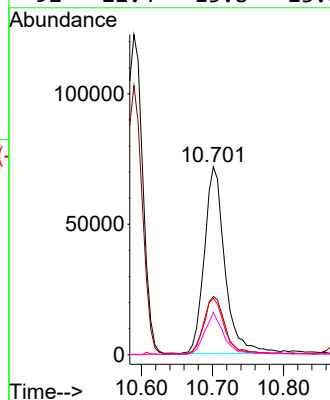
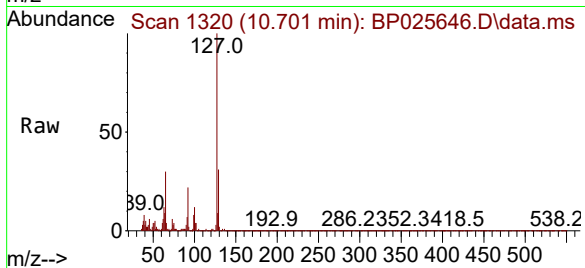
Ion Ratio Lower Upper

127 100

129 31.0 25.4 38.2

65 29.9 23.8 35.6

92 22.4 15.8 23.8



#34

Hexachlorobutadiene

Concen: 50.646 ng

RT: 10.878 min Scan# 1350

Delta R.T. -0.024 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

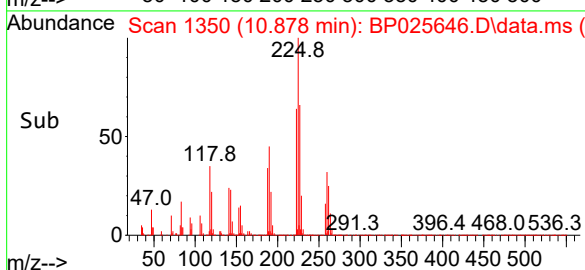
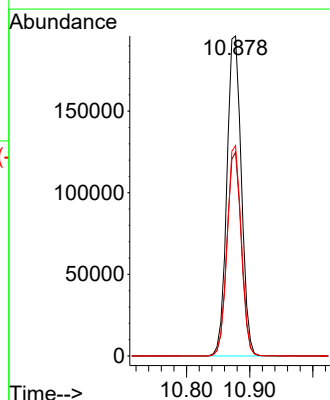
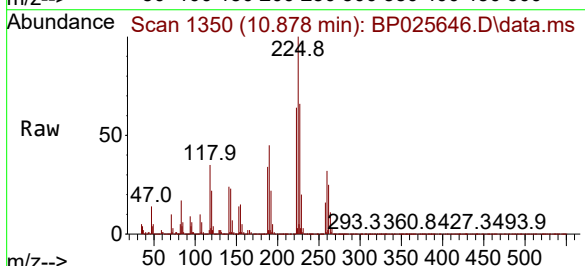
Tgt Ion:225 Resp: 311400

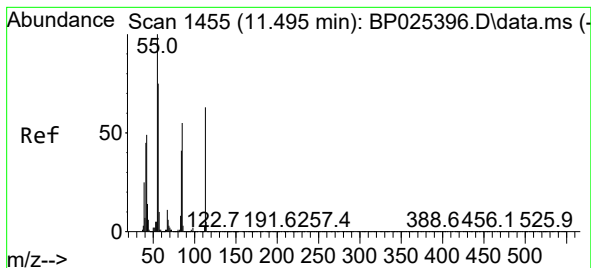
Ion Ratio Lower Upper

225 100

223 63.7 50.0 75.0

227 65.8 49.7 74.5

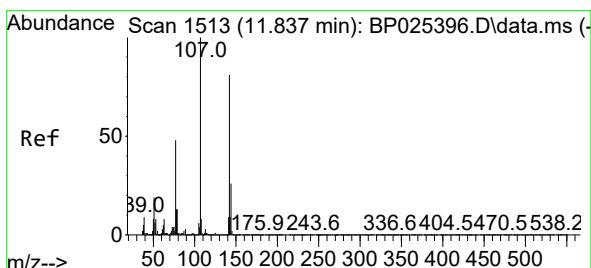
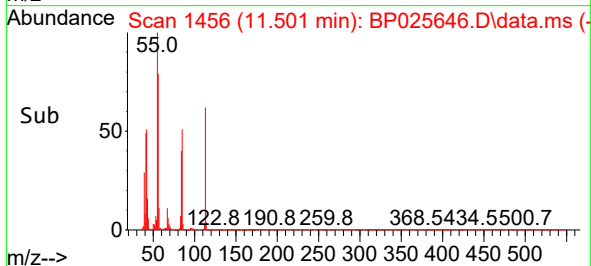
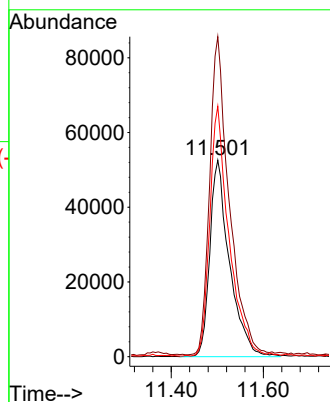
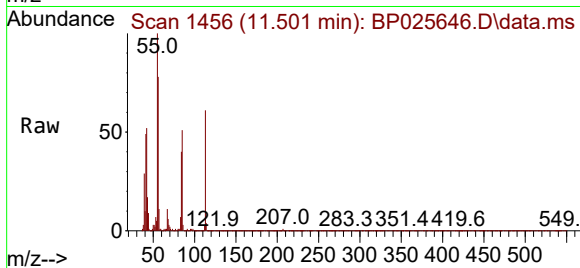




#35
 Caprolactam
 Concen: 47.180 ng
 RT: 11.501 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BP025646.D
 Acq: 02 Sep 2025 20:22

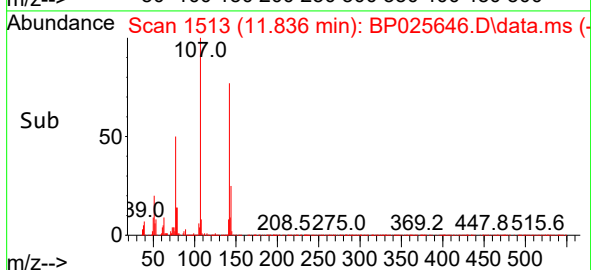
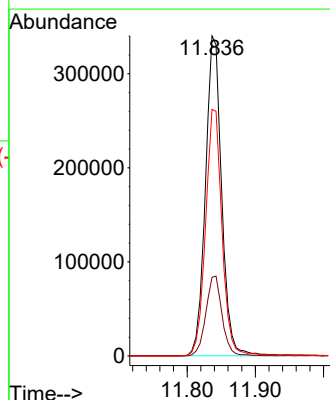
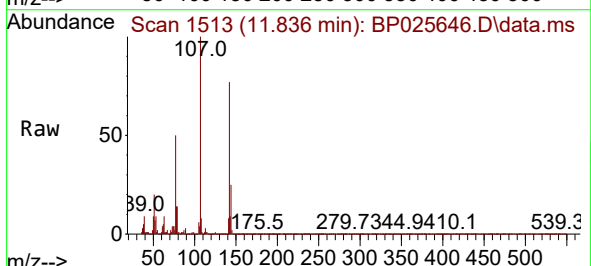
Instrument :
 BNA_P
 ClientSampleId :
 RT5427MSD

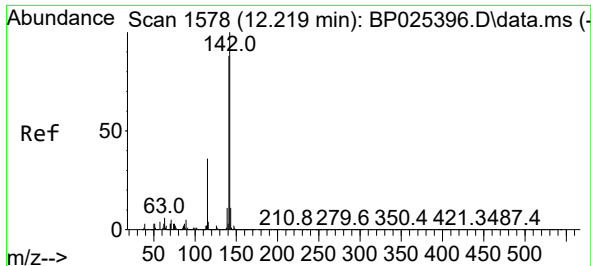
Tgt Ion:113 Resp: 155809
 Ion Ratio Lower Upper
 113 100
 55 162.8 140.0 180.0
 56 127.4 100.0 140.0



#36
 4-Chloro-3-methylphenol
 Concen: 54.447 ng
 RT: 11.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BP025646.D
 Acq: 02 Sep 2025 20:22

Tgt Ion:107 Resp: 562680
 Ion Ratio Lower Upper
 107 100
 144 24.6 21.0 31.4
 142 77.0 64.6 97.0

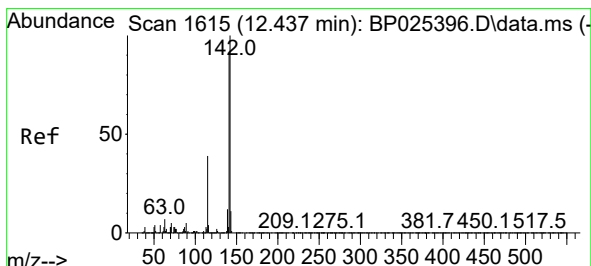
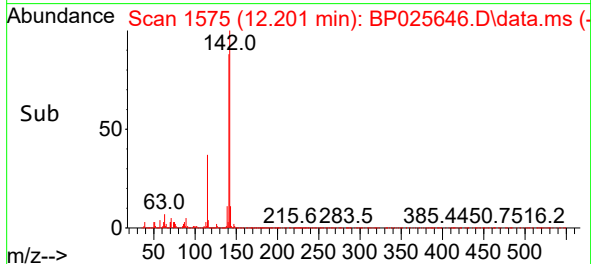
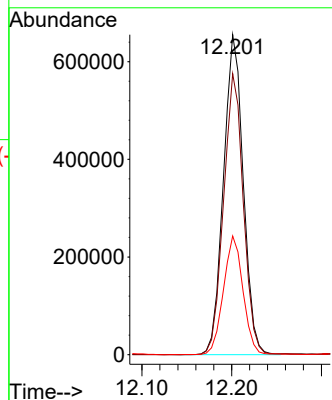
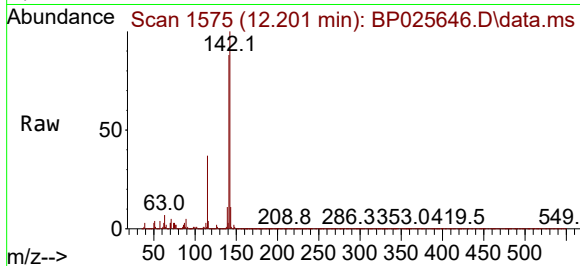




#37
2-Methylnaphthalene
Concen: 50.961 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

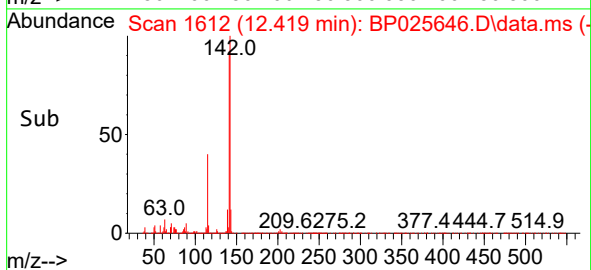
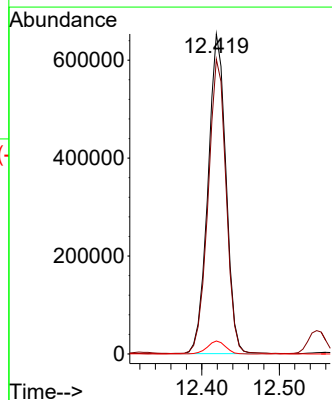
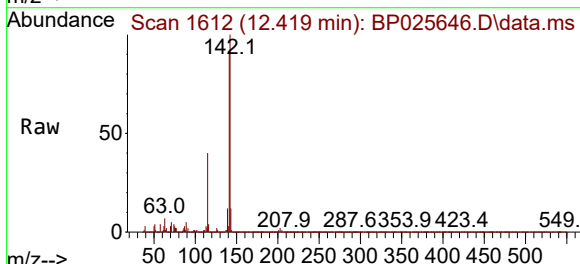
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

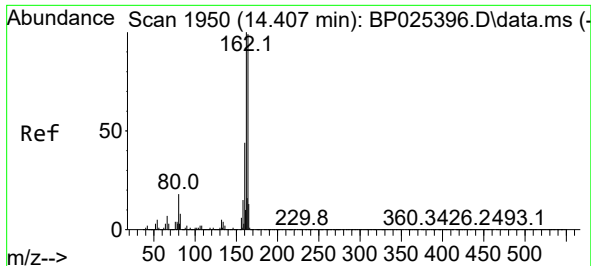
Tgt Ion:142 Resp: 1002232
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 37.1 28.9 43.3



#38
1-Methylnaphthalene
Concen: 50.349 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:142 Resp: 1053038
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7
116 4.0 3.2 4.8

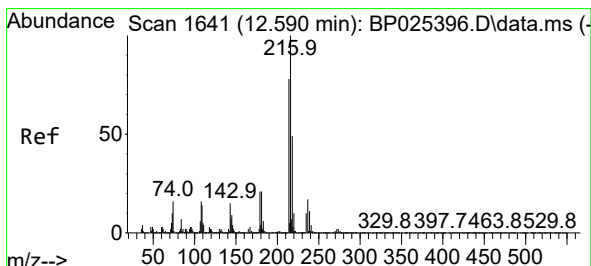
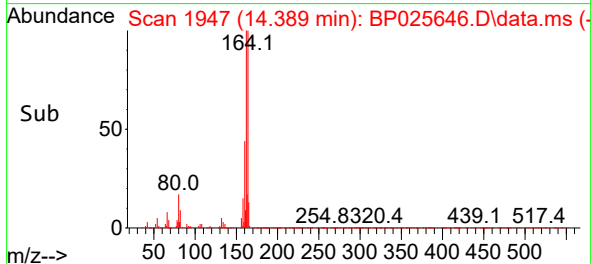
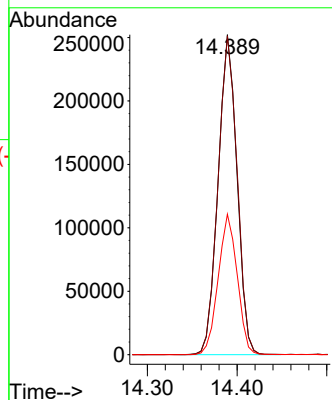
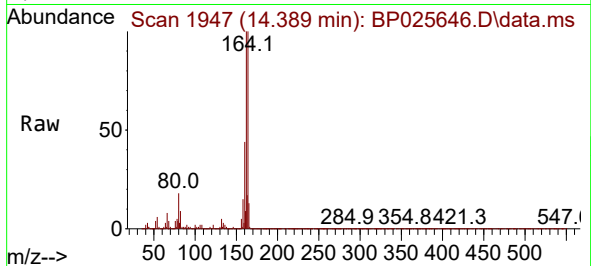




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

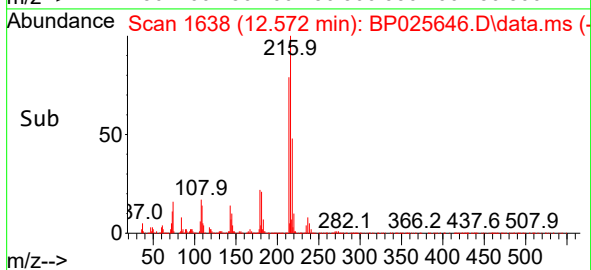
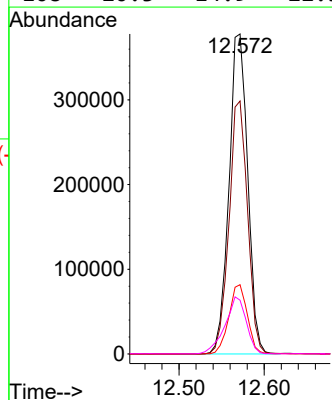
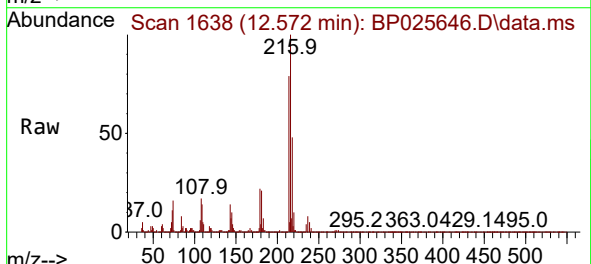
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

Tgt Ion:164 Resp: 368807
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.6
160 43.9 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.137 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:216 Resp: 576647
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.4 17.1 25.7
108 20.3 14.9 22.3

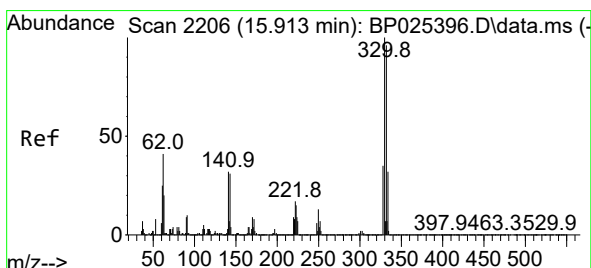
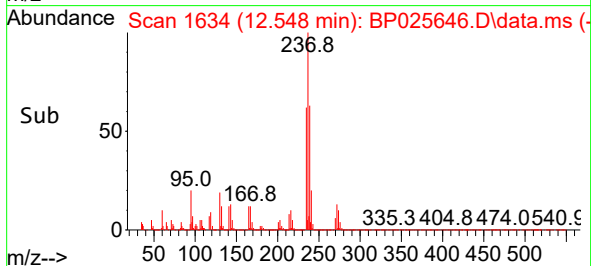
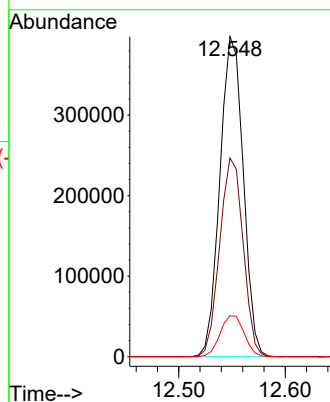
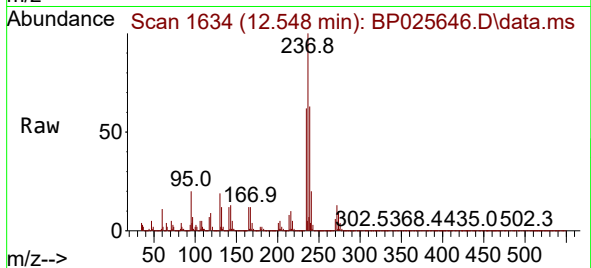




#41
Hexachlorocyclopentadiene
Concen: 94.076 ng
RT: 12.548 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

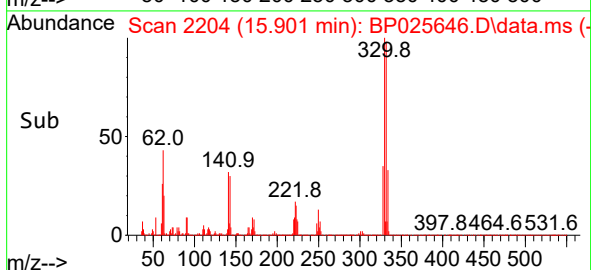
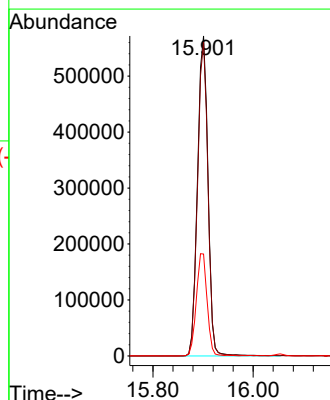
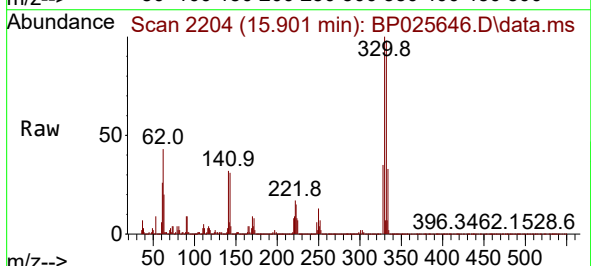
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

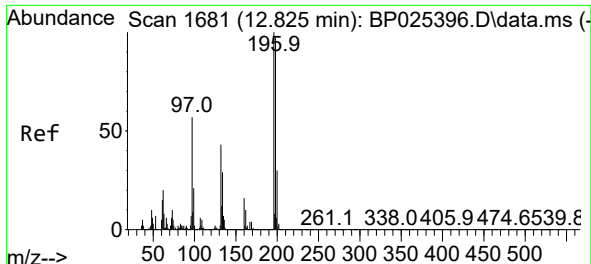
Tgt Ion:237 Resp: 605281
Ion Ratio Lower Upper
237 100
235 62.1 42.7 82.7
272 12.8 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 166.878 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:330 Resp: 828412
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.7 26.6 39.8

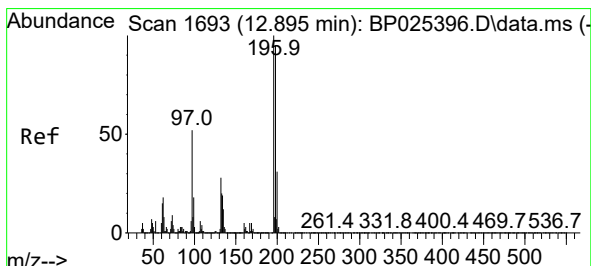
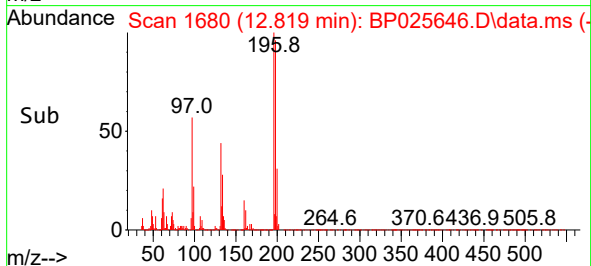
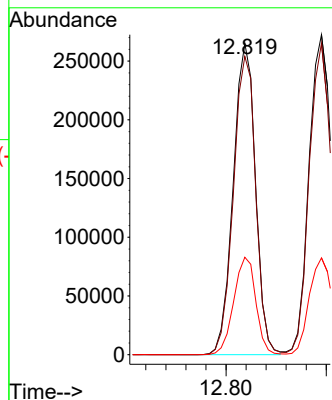
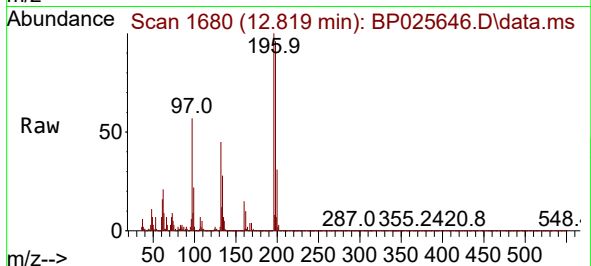




#43
2,4,6-Trichlorophenol
Concen: 56.733 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

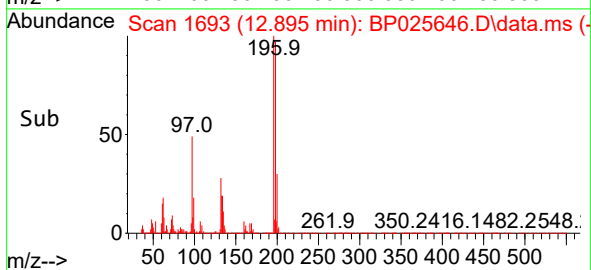
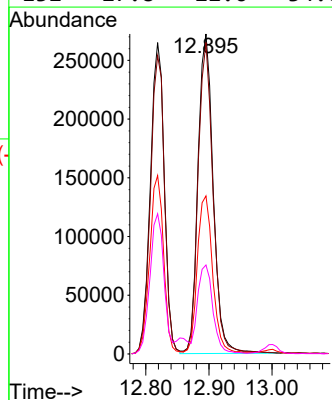
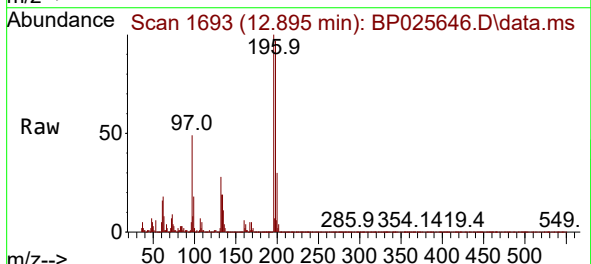
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

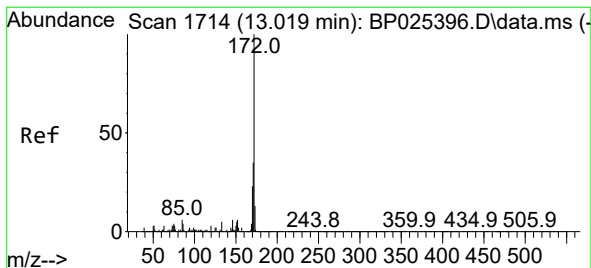
Tgt Ion:196 Resp: 407964
Ion Ratio Lower Upper
196 100
198 95.8 77.2 115.8
200 31.3 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 57.983 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:196 Resp: 456973
Ion Ratio Lower Upper
196 100
198 97.3 76.2 114.2
97 49.4 41.2 61.8
132 27.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 91.053 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

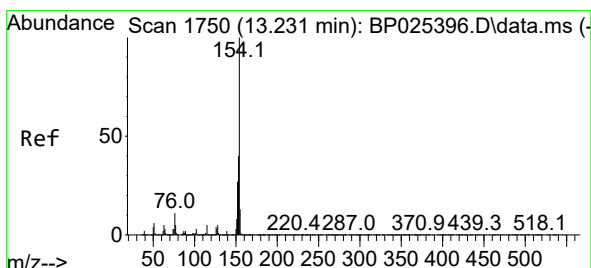
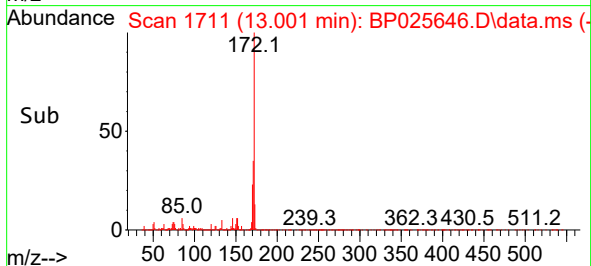
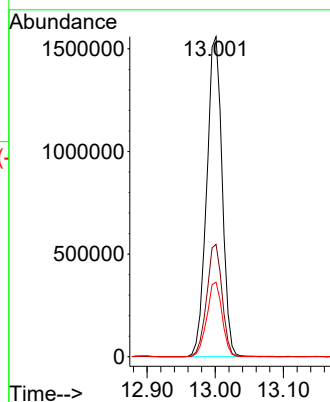
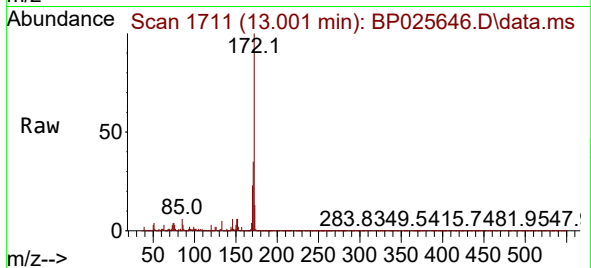
Tgt Ion:172 Resp: 2457106

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.787 ng

RT: 13.213 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

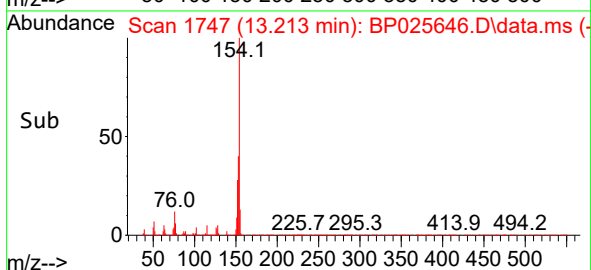
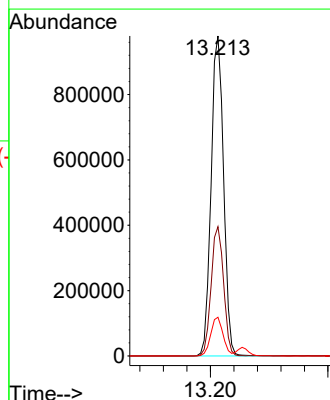
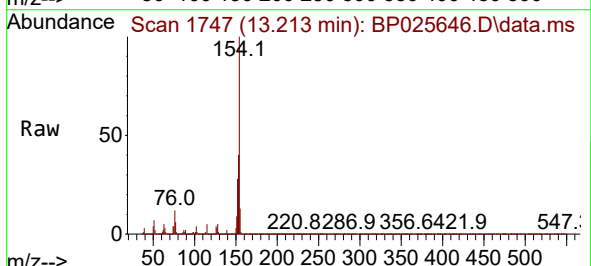
Tgt Ion:154 Resp: 1440686

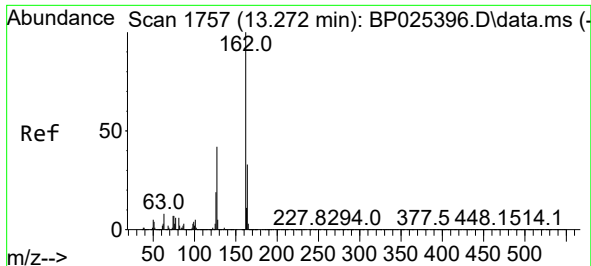
Ion Ratio Lower Upper

154 100

153 40.4 19.5 59.5

76 12.1 0.0 31.1

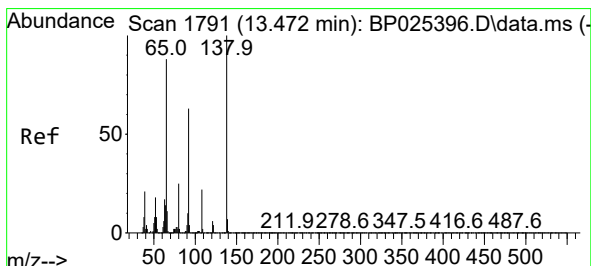
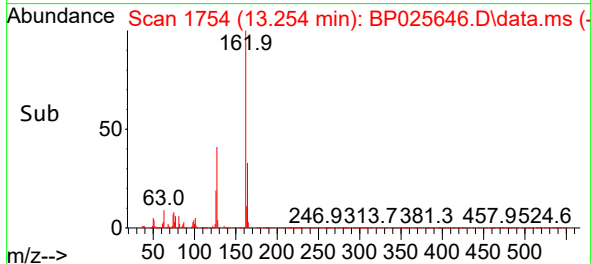
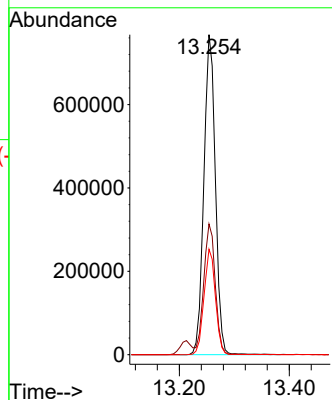
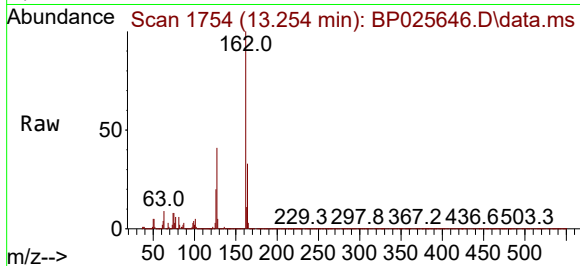




#47
2-Chloronaphthalene
Concen: 53.498 ng
RT: 13.254 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

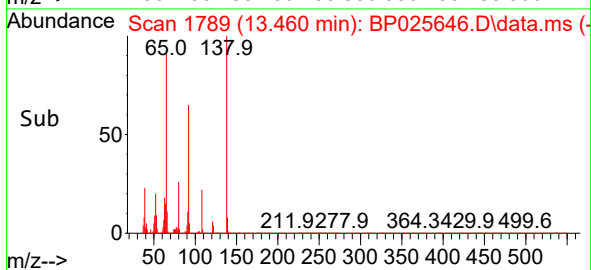
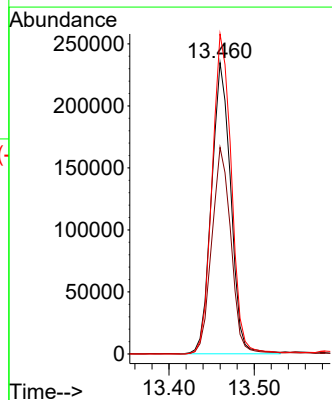
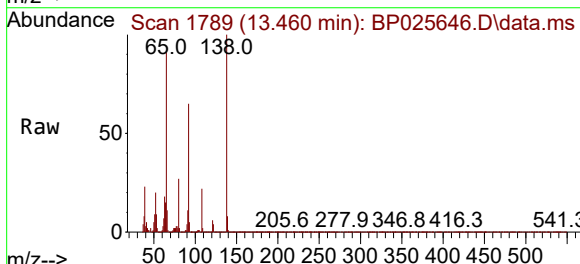
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

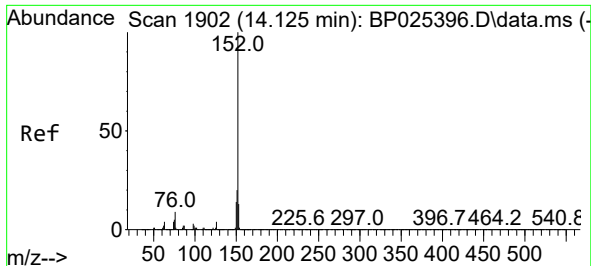
Tgt Ion:162 Resp: 1115529
Ion Ratio Lower Upper
162 100
127 40.9 33.4 50.2
164 33.0 26.2 39.2



#48
2-Nitroaniline
Concen: 60.483 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion: 65 Resp: 367474
Ion Ratio Lower Upper
65 100
92 70.9 57.6 86.4
138 109.8 91.0 136.6

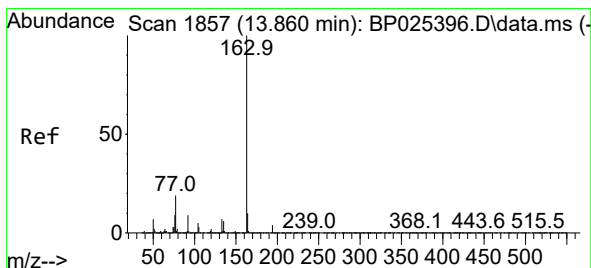
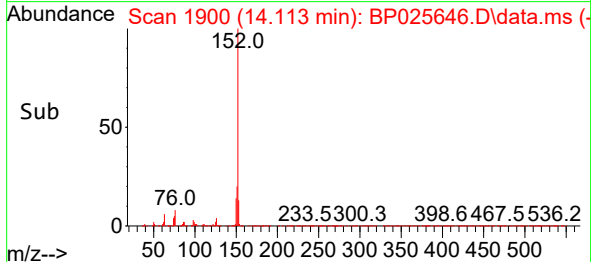
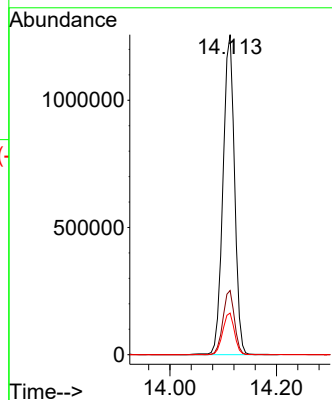
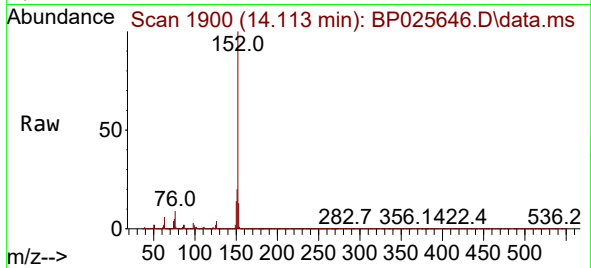




#49
Acenaphthylene
Concen: 54.763 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

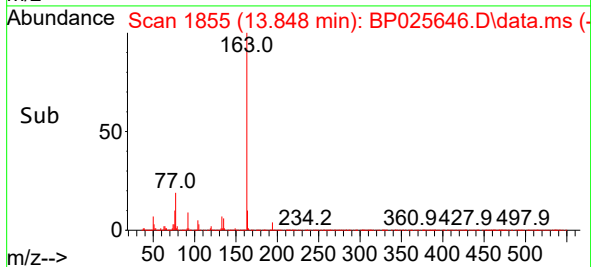
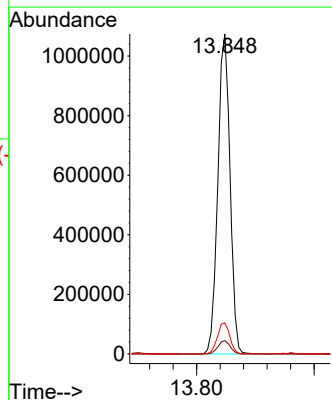
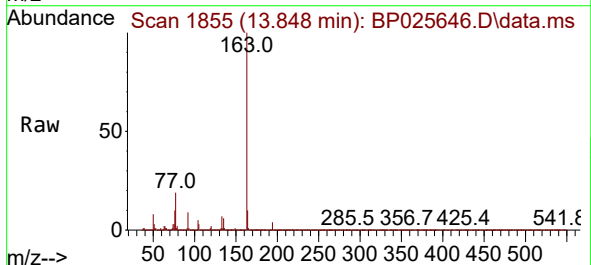
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

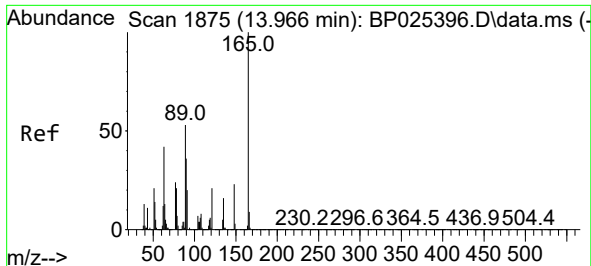
Tgt Ion:152 Resp: 1889551
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 57.009 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:163 Resp: 1539662
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.7 7.9 11.9

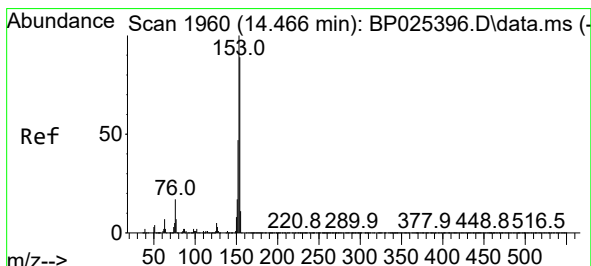
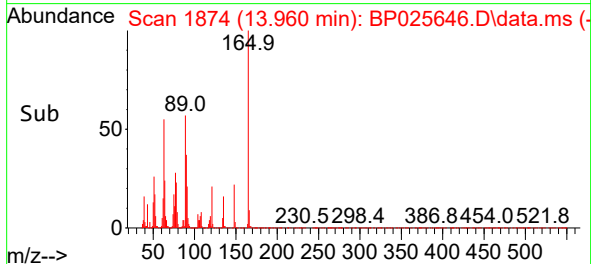
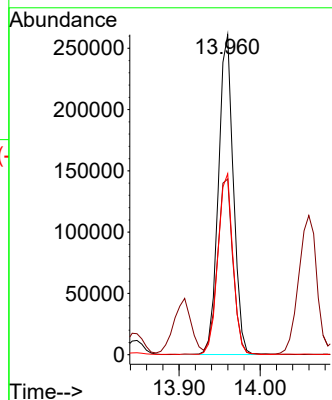
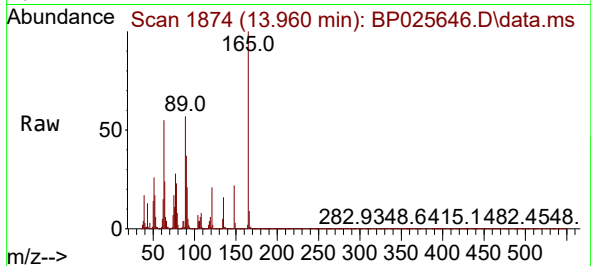




#51
2,6-Dinitrotoluene
Concen: 58.806 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

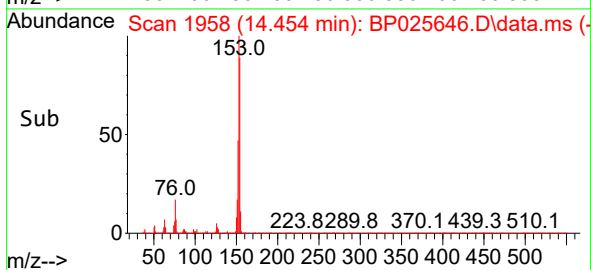
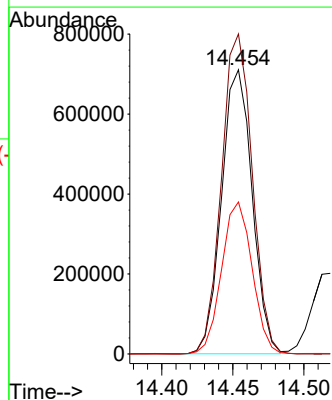
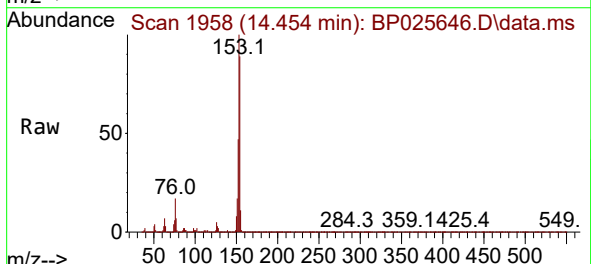
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

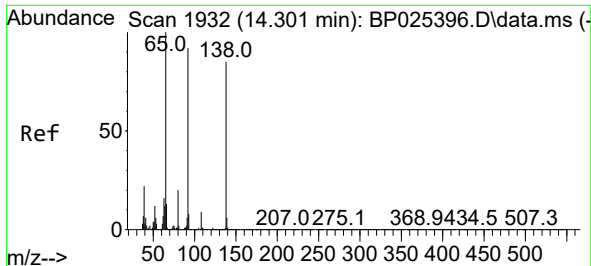
Tgt Ion:165 Resp: 334747
Ion Ratio Lower Upper
165 100
63 54.9 40.9 61.3
89 56.5 42.1 63.1



#52
Acenaphthene
Concen: 52.645 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:154 Resp: 1066216
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 53.5 42.1 63.1

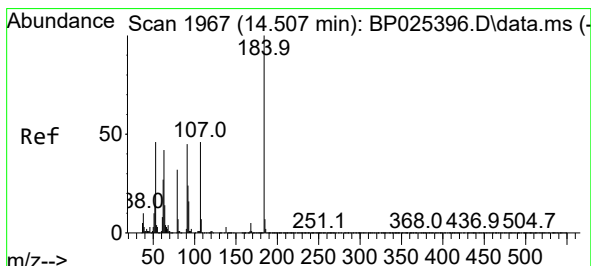
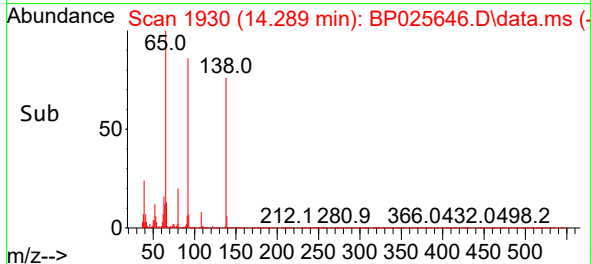
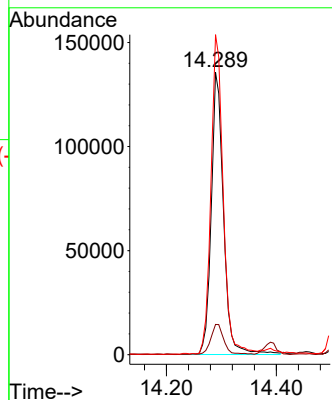
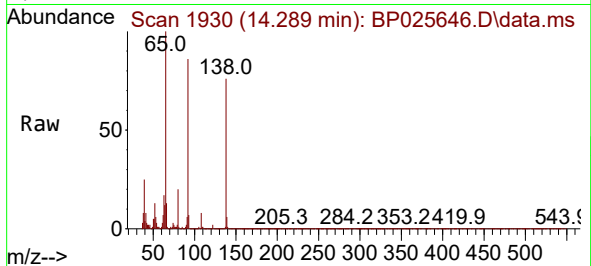




#53
3-Nitroaniline
Concen: 32.740 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

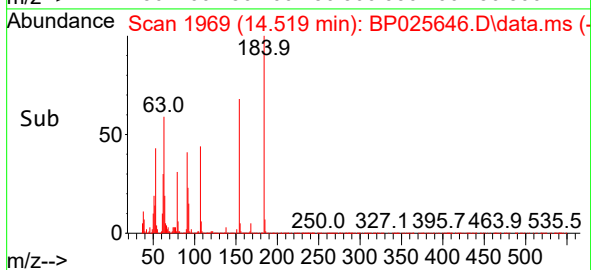
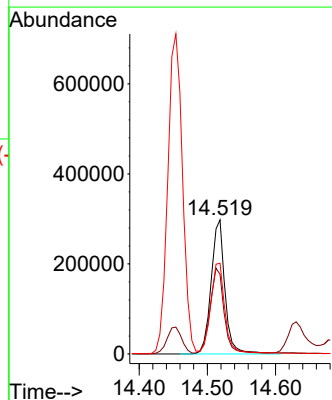
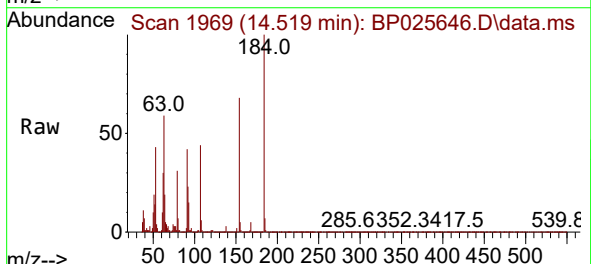
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

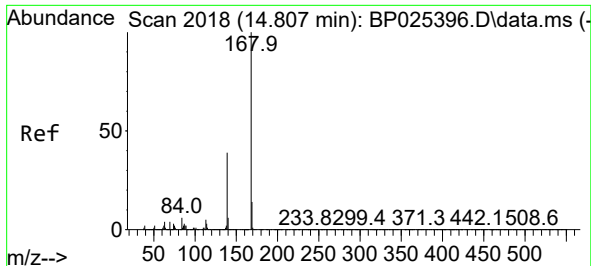
Tgt Ion:138 Resp: 209683
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 113.4 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 138.619 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:184 Resp: 421386
Ion Ratio Lower Upper
184 100
63 59.3 49.4 74.2
154 67.7 54.6 82.0

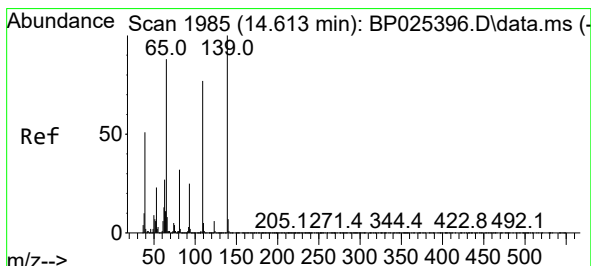
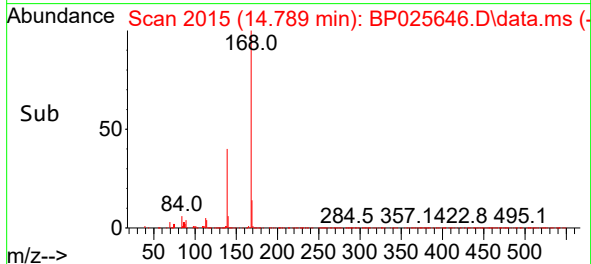
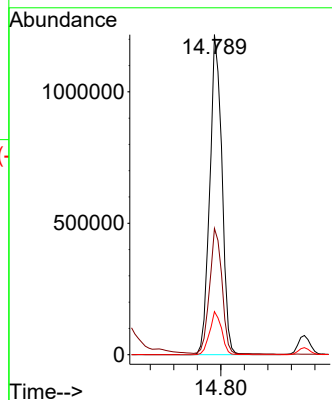
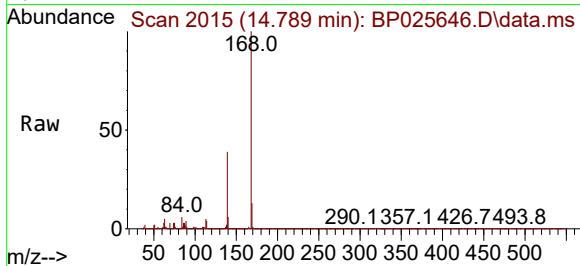




#55
Dibenzenofuran
Concen: 54.414 ng
RT: 14.789 min Scan# 20
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

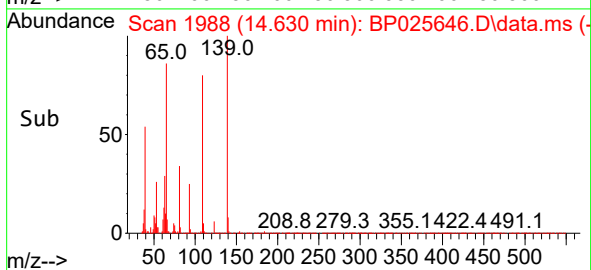
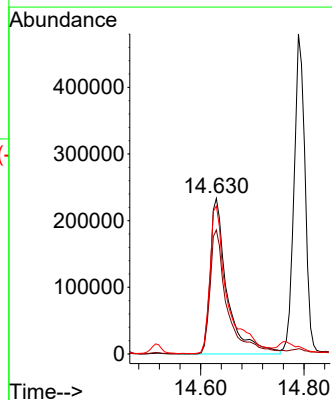
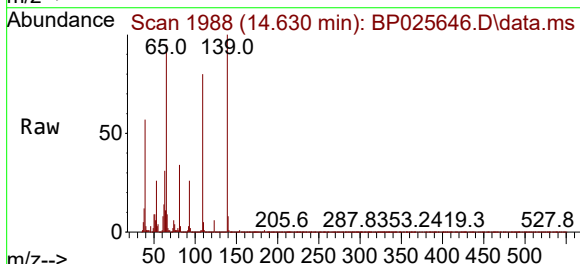
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

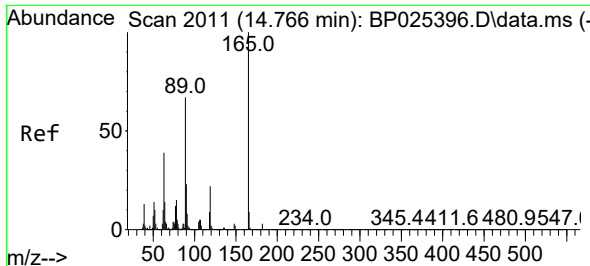
Tgt Ion:168 Resp: 1742364
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 101.050 ng
RT: 14.630 min Scan# 1988
Delta R.T. 0.017 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:139 Resp: 531804
Ion Ratio Lower Upper
139 100
109 79.7 56.6 96.6
65 95.1 68.2 108.2

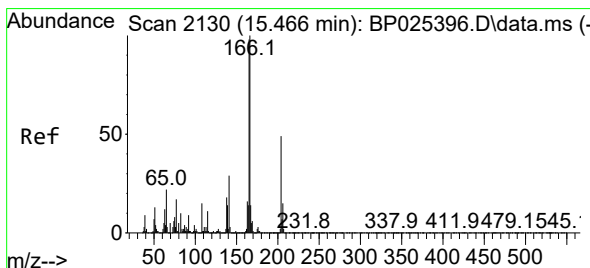
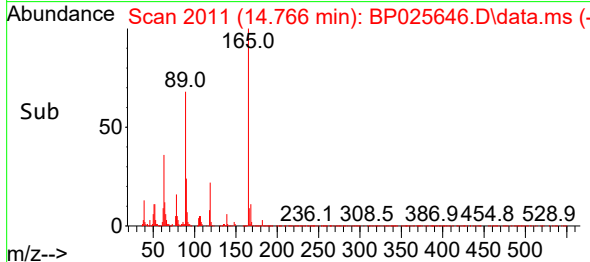
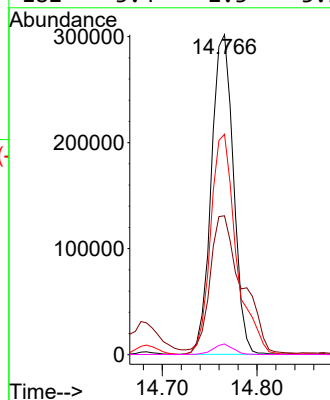
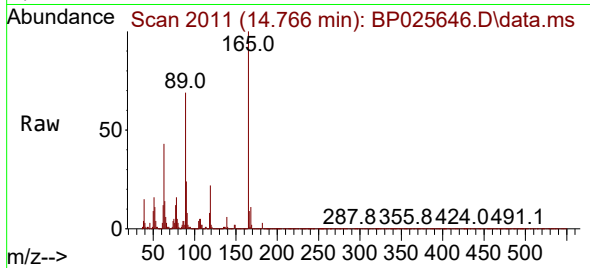




#57
2,4-Dinitrotoluene
Concen: 60.137 ng
RT: 14.766 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

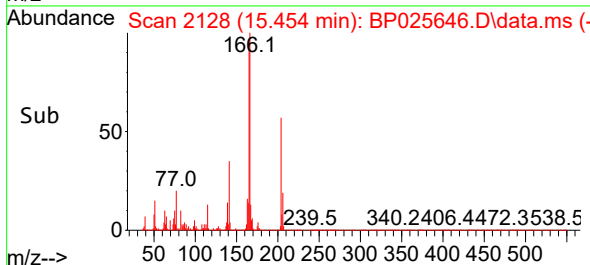
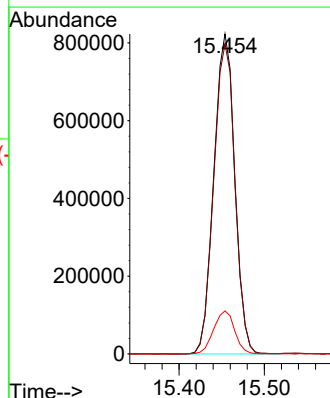
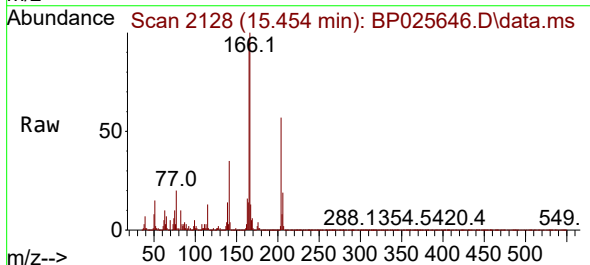
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

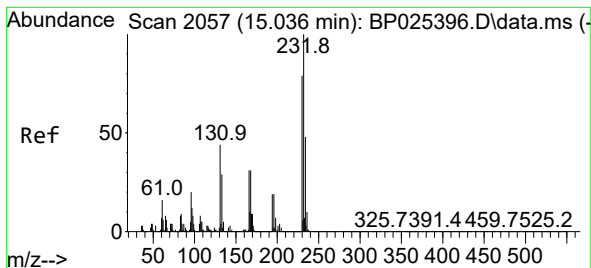
Tgt Ion:165 Resp: 488410
Ion Ratio Lower Upper
165 100
63 43.4 31.4 47.2
89 68.9 53.3 79.9
182 3.4 2.3 3.5



#58
Fluorene
Concen: 55.625 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:166 Resp: 1405422
Ion Ratio Lower Upper
166 100
165 96.9 78.8 118.2
167 13.5 11.0 16.4

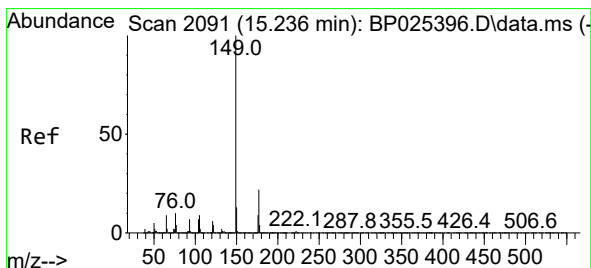
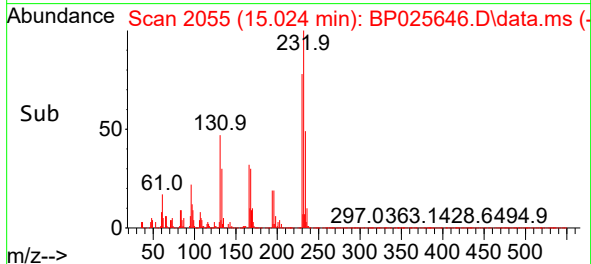
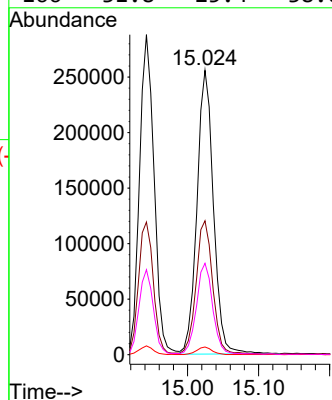
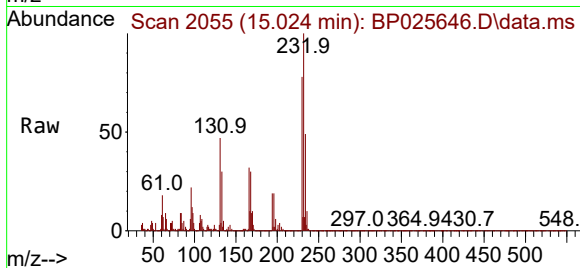




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.433 ng
RT: 15.024 min Scan# 2055
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

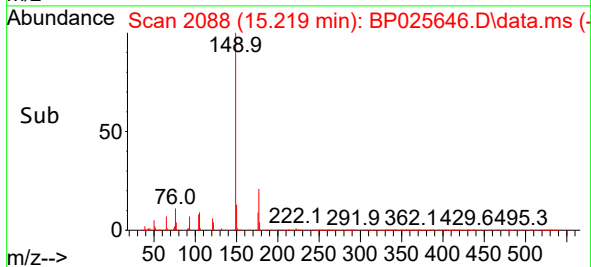
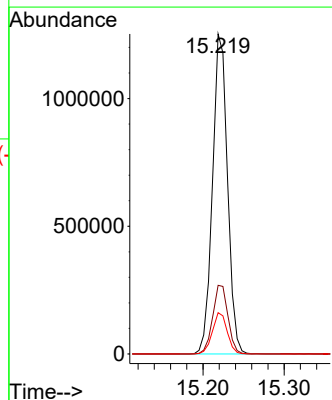
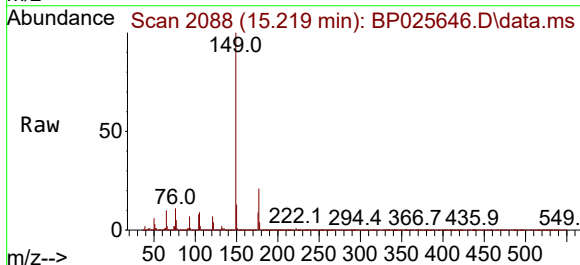
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

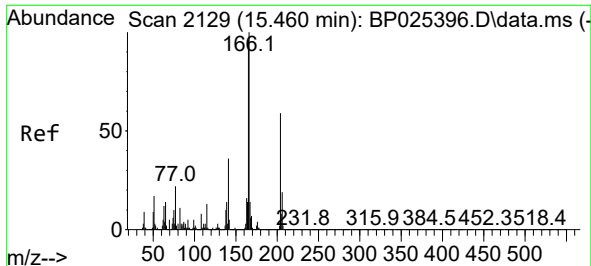
Tgt Ion:232 Resp: 413588
Ion Ratio Lower Upper
232 100
131 47.9 37.0 55.6
130 2.6 1.9 2.9
166 31.8 25.4 38.0



#60
Diethylphthalate
Concen: 58.405 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.018 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:149 Resp: 1602763
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.9 10.3 15.5

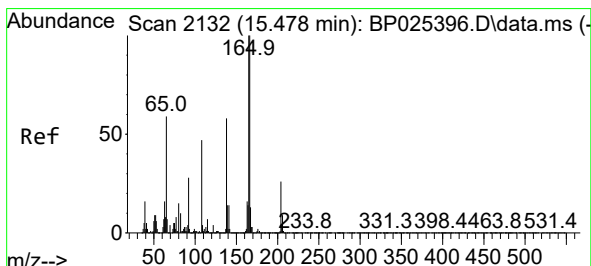
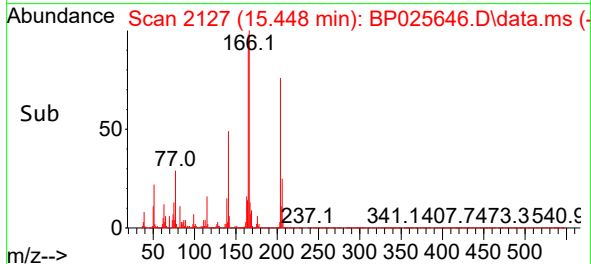
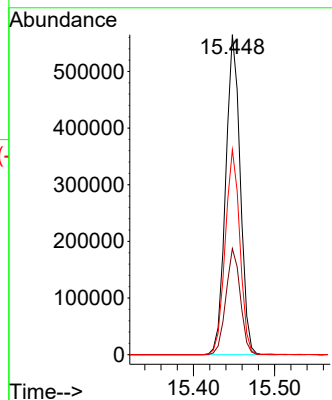
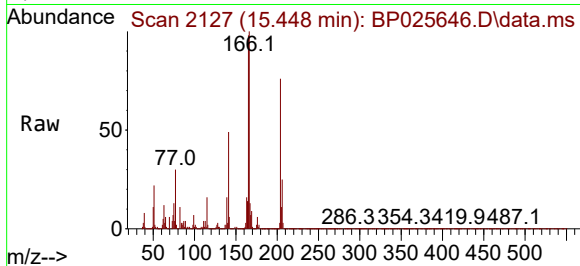




#61
4-Chlorophenyl-phenylether
Concen: 56.112 ng
RT: 15.448 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

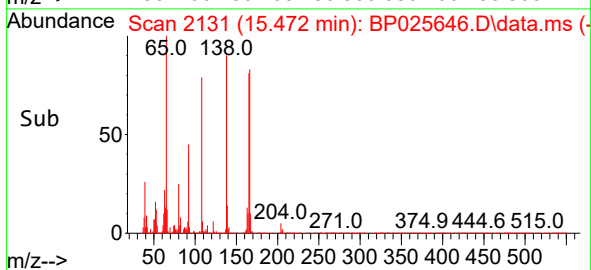
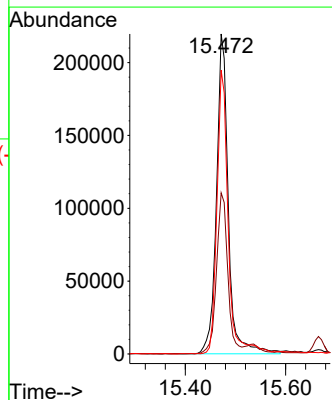
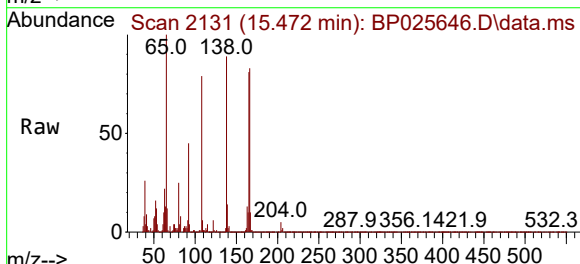
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

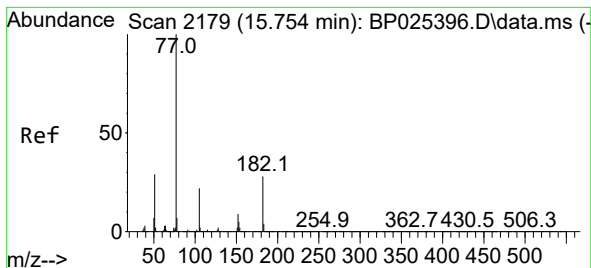
Tgt Ion:204 Resp: 705090
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 64.1 49.4 74.2



#62
4-Nitroaniline
Concen: 54.743 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:138 Resp: 359426
Ion Ratio Lower Upper
138 100
92 50.4 29.1 69.1
108 88.6 61.5 101.5





#63

Azobenzene

Concen: 59.024 ng

RT: 15.748 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

Tgt Ion: 77 Resp: 1386925

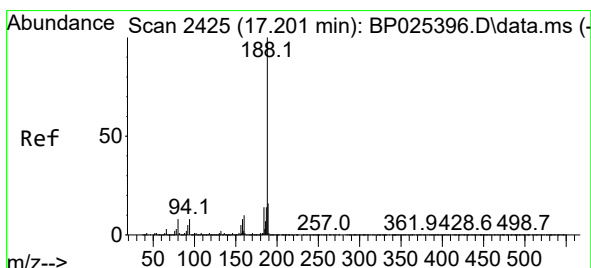
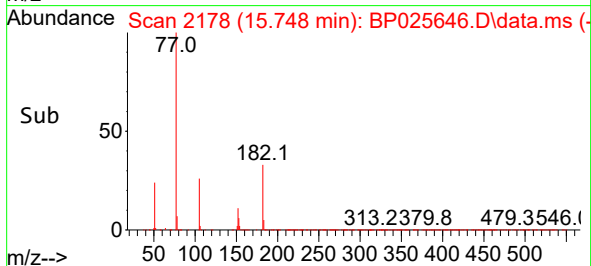
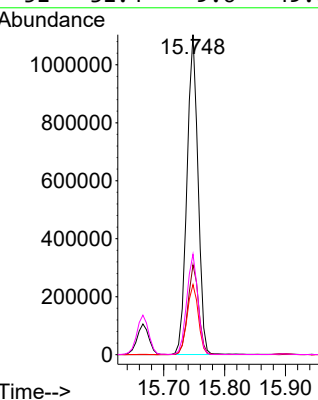
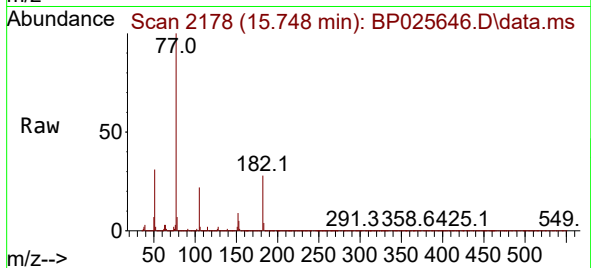
Ion Ratio Lower Upper

77 100

182 28.1 7.5 47.5

105 21.9 2.1 42.1

51 31.4 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2422

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

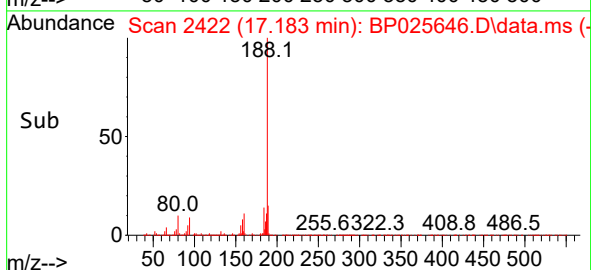
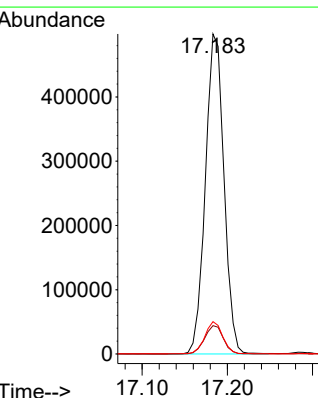
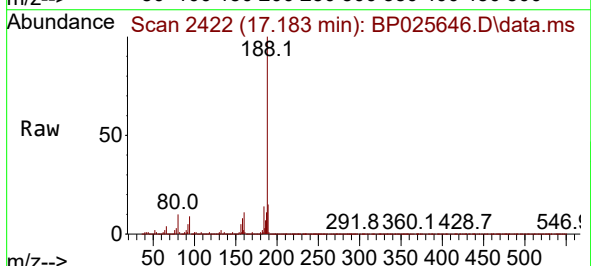
Tgt Ion:188 Resp: 753771

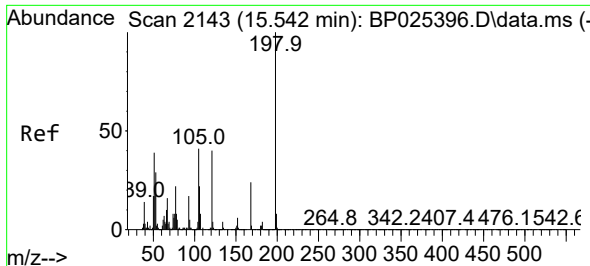
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 10.1 6.7 10.1#

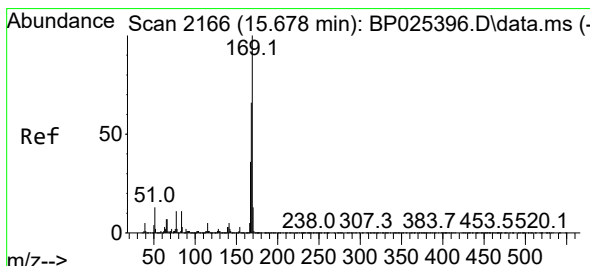
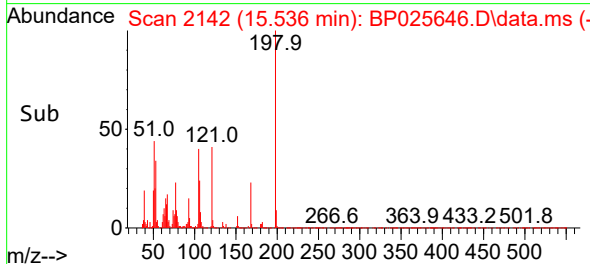
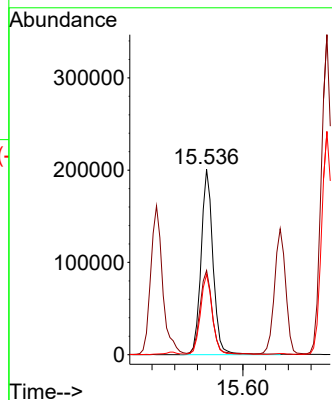
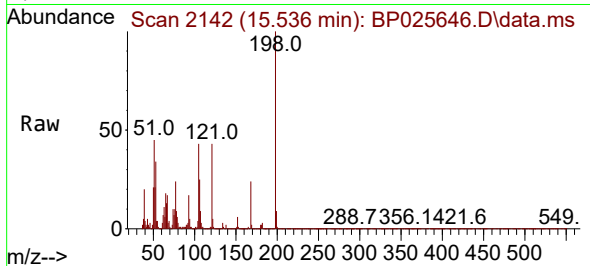




#65
4,6-Dinitro-2-methylphenol
Concen: 62.392 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

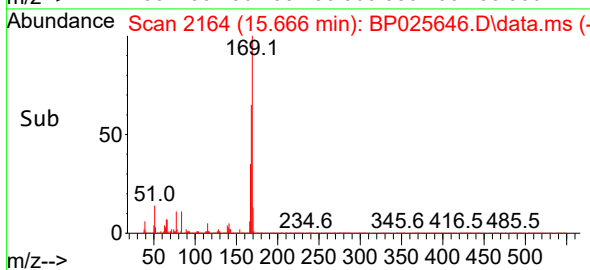
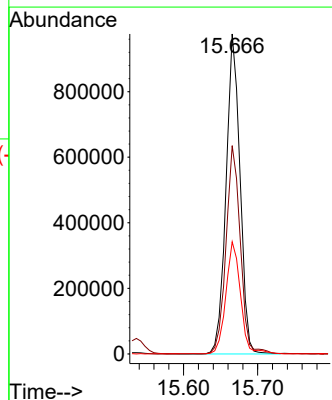
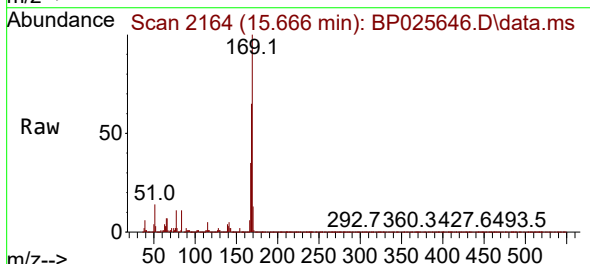
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

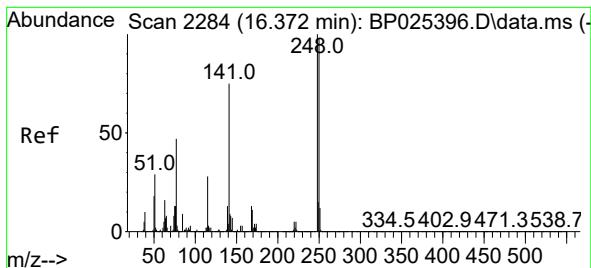
Tgt Ion:198 Resp: 293157
Ion Ratio Lower Upper
198 100
51 45.4 19.6 59.6
105 43.3 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 55.546 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:169 Resp: 1276758
Ion Ratio Lower Upper
169 100
168 65.1 53.2 79.8
167 35.1 28.7 43.1

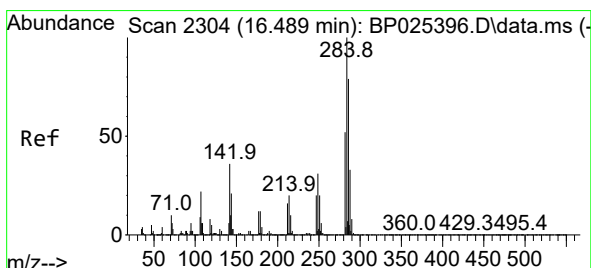
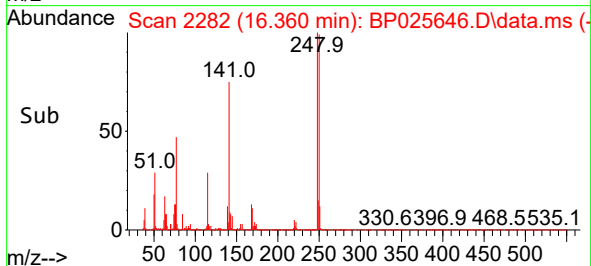
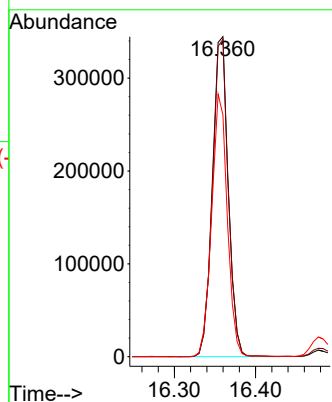
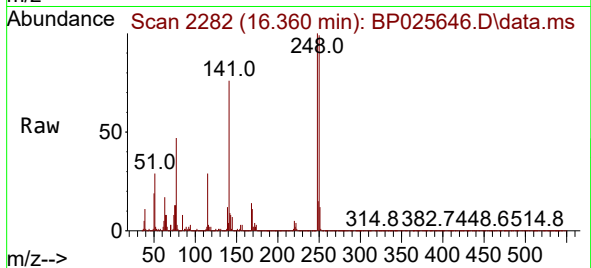




#67
4-Bromophenyl-phenylether
Concen: 56.549 ng
RT: 16.360 min Scan# 210
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

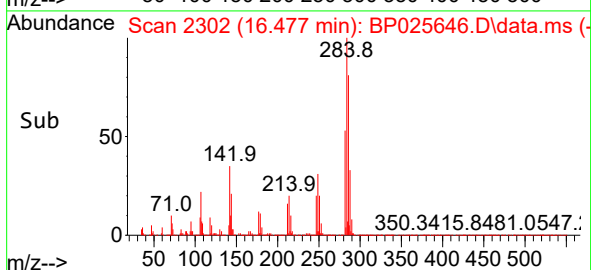
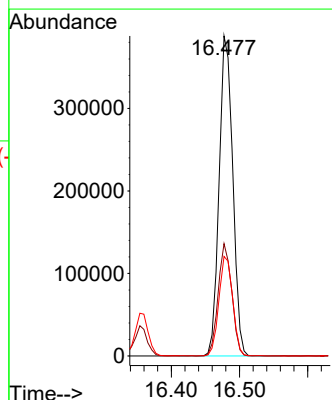
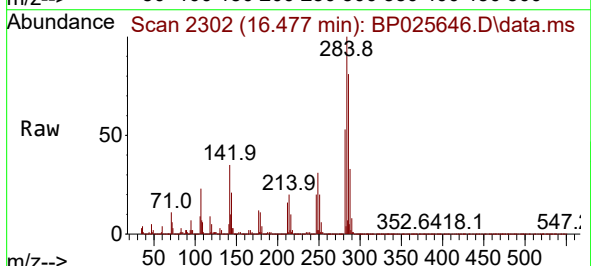
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

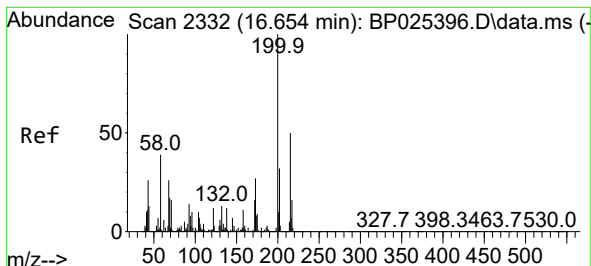
Tgt Ion:248 Resp: 468799
Ion Ratio Lower Upper
248 100
250 99.1 78.2 117.2
141 75.5 59.6 89.4



#68
Hexachlorobenzene
Concen: 56.188 ng
RT: 16.477 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:284 Resp: 539964
Ion Ratio Lower Upper
284 100
142 35.1 29.1 43.7
249 31.1 25.0 37.4





#69

Atrazine

Concen: 57.951 ng

RT: 16.636 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

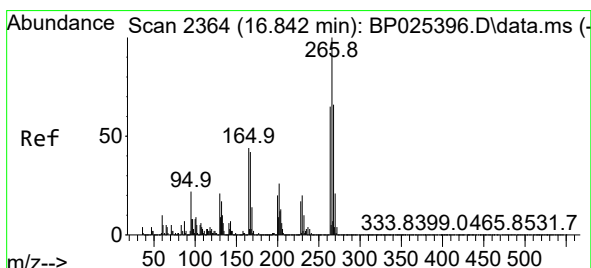
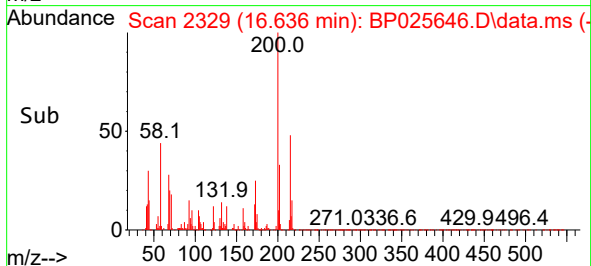
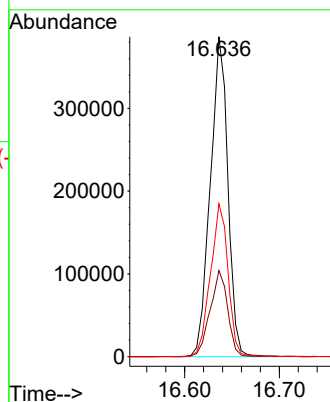
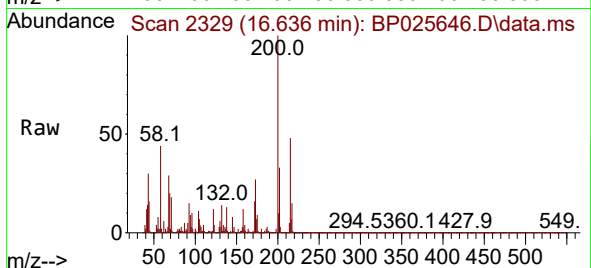
Tgt Ion:200 Resp: 498851

Ion Ratio Lower Upper

200 100

173 26.9 6.7 46.7

215 47.8 29.7 69.7



#70

Pentachlorophenol

Concen: 123.277 ng

RT: 16.836 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

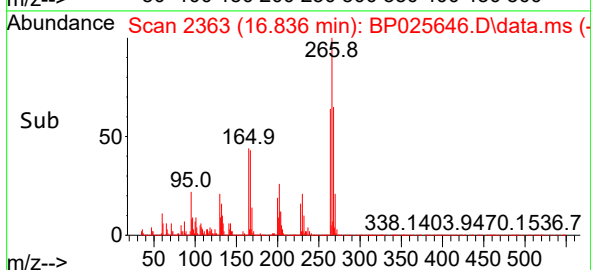
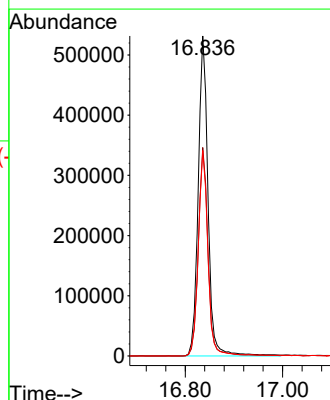
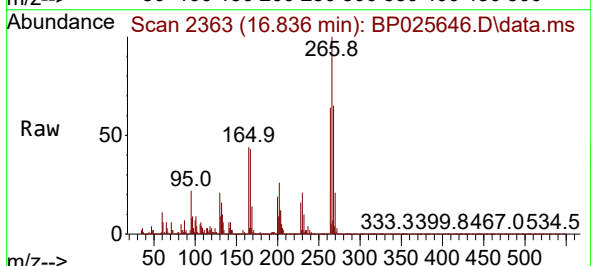
Tgt Ion:266 Resp: 747835

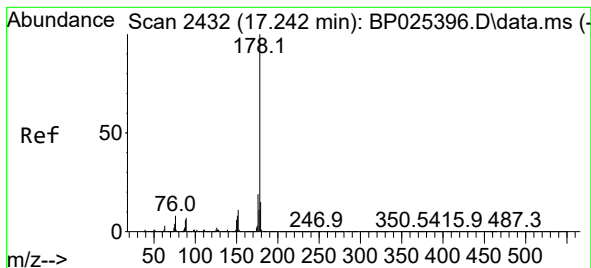
Ion Ratio Lower Upper

266 100

268 65.1 52.6 79.0

264 64.2 52.0 78.0





#71

Phenanthrene

Concen: 54.704 ng

RT: 17.230 min Scan# 2430

Delta R.T. -0.012 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

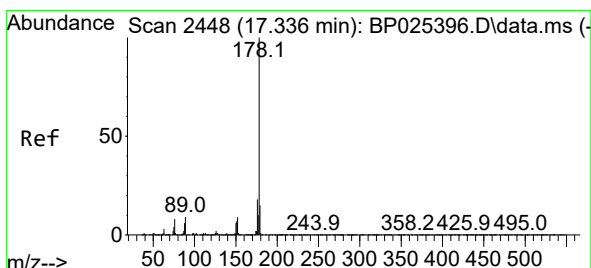
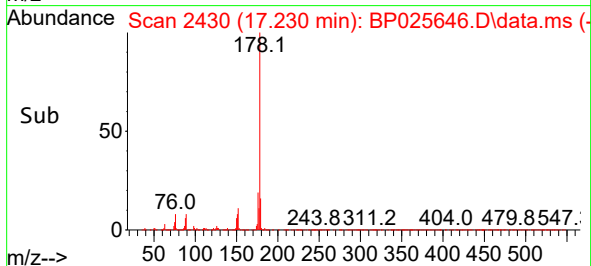
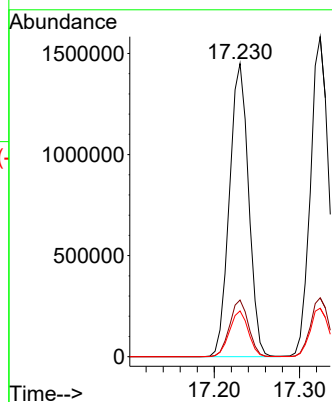
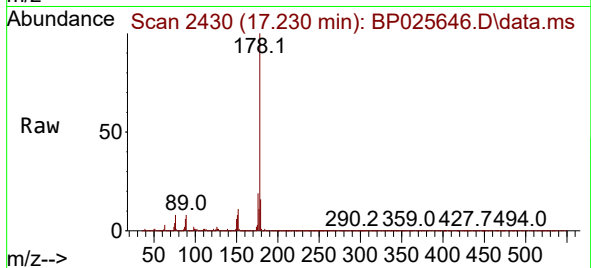
Tgt Ion:178 Resp: 2265145

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.6 12.2 18.4



#72

Anthracene

Concen: 55.679 ng

RT: 17.324 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

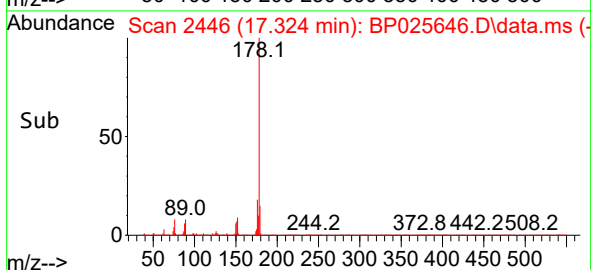
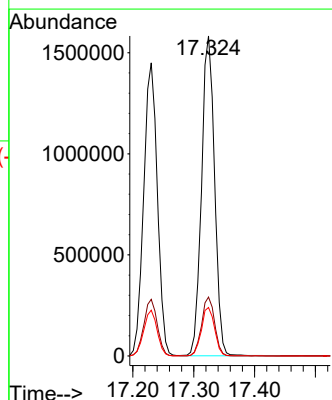
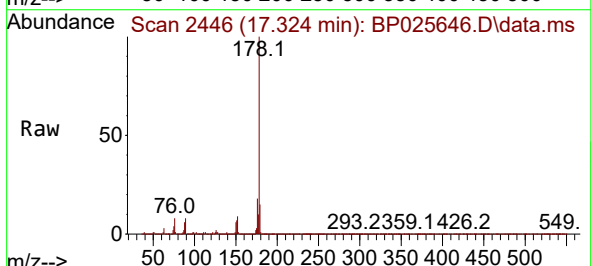
Tgt Ion:178 Resp: 2354403

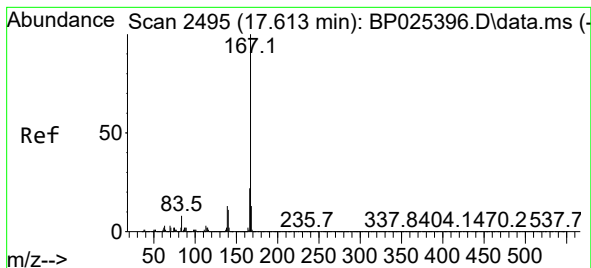
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.1 12.2 18.2





#73

Carbazole

Concen: 56.081 ng

RT: 17.601 min Scan# 2495

Delta R.T. -0.012 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

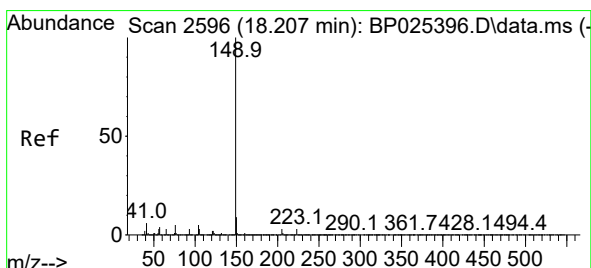
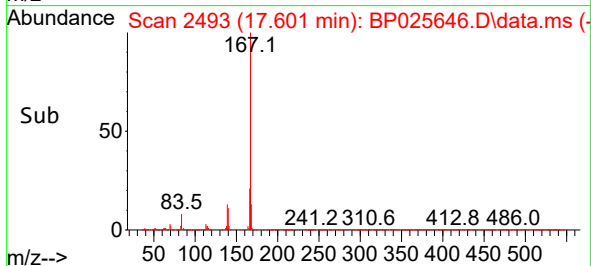
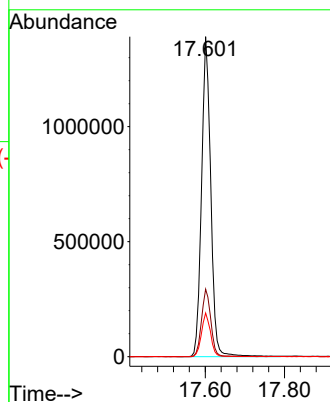
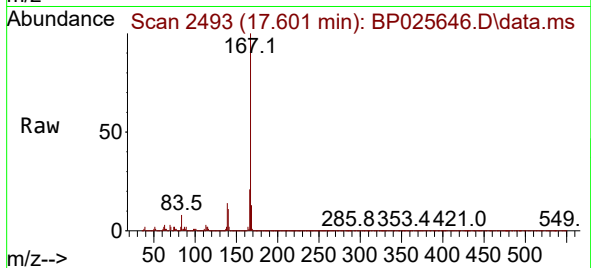
Tgt Ion:167 Resp: 2233656

Ion Ratio Lower Upper

167 100

166 21.1 17.5 26.3

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 61.367 ng

RT: 18.195 min Scan# 2594

Delta R.T. -0.012 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

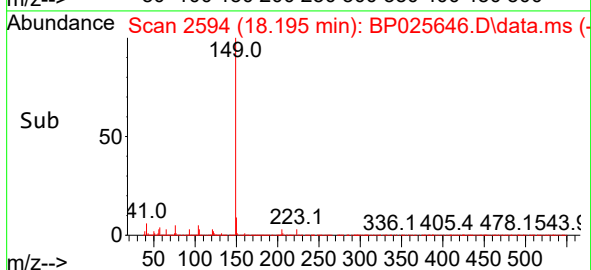
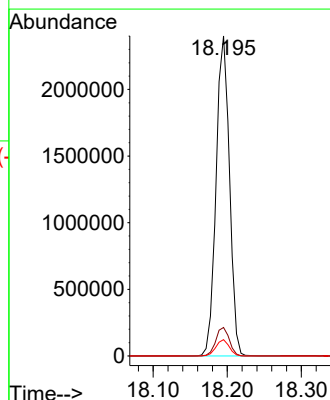
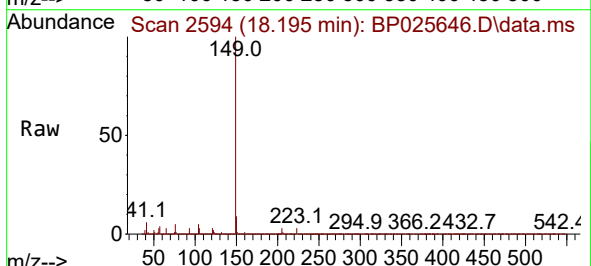
Tgt Ion:149 Resp: 3007130

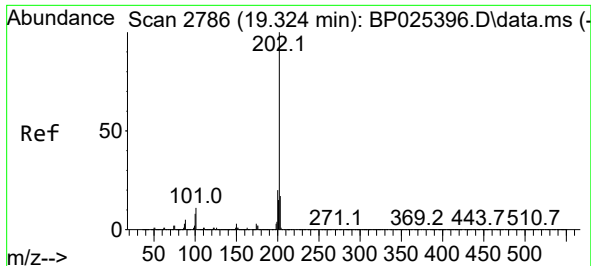
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.1 4.2 6.2

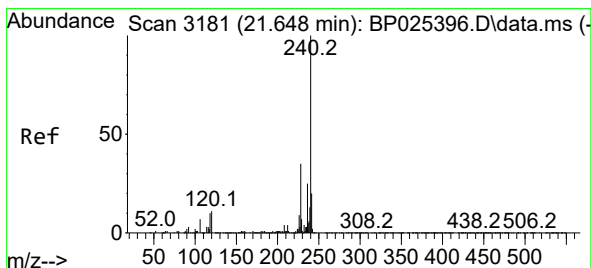
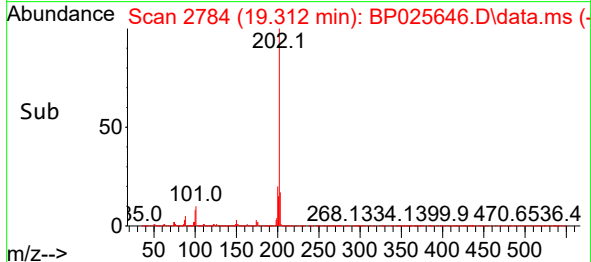
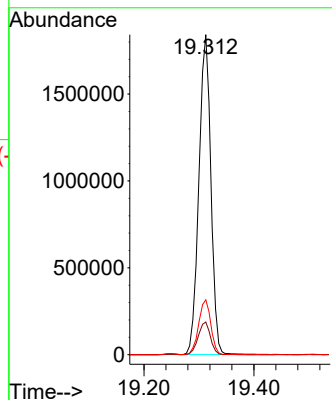
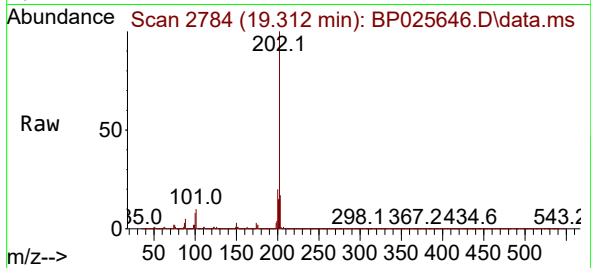




#75
Fluoranthene
Concen: 56.173 ng
RT: 19.312 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

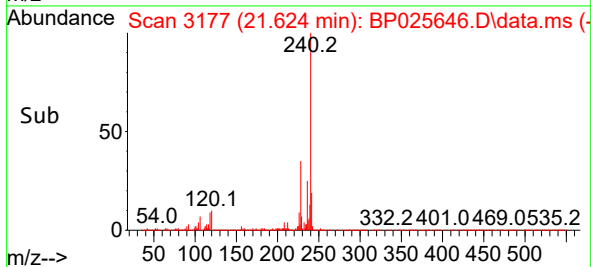
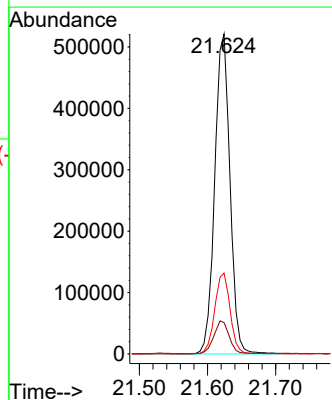
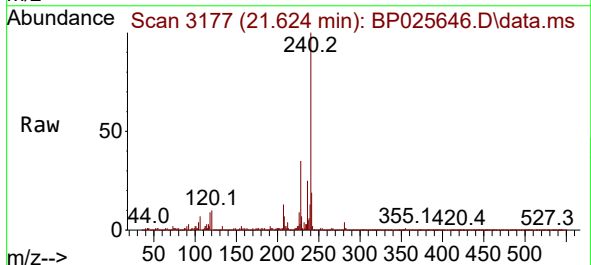
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

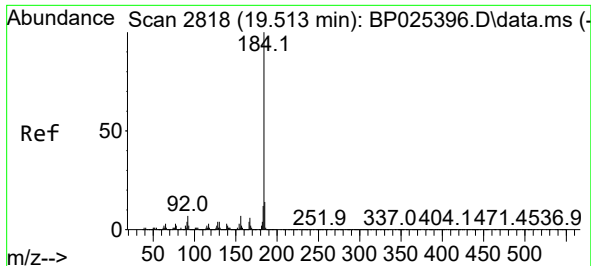
Tgt Ion:202 Resp: 2774470
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.1
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:240 Resp: 811548
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.3 19.8 29.8

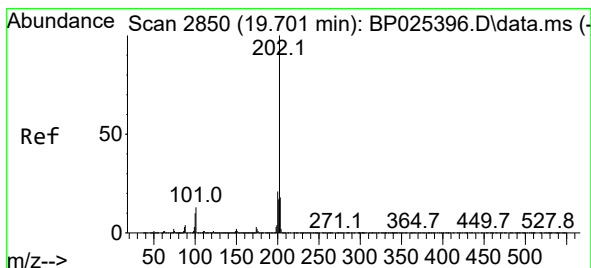
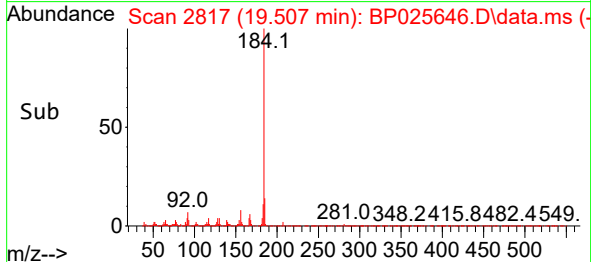
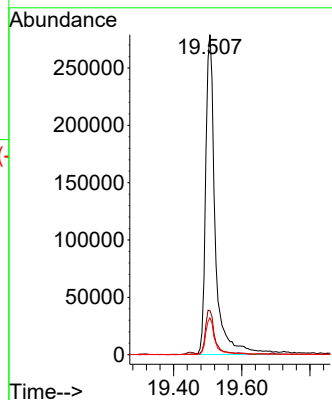
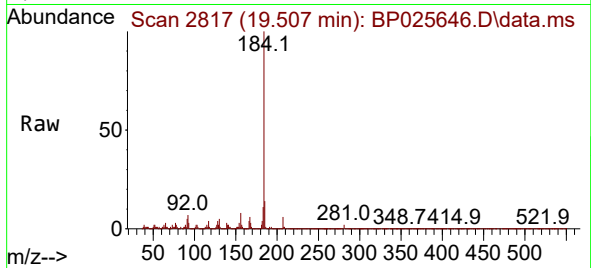




#77
Benzidine
Concen: 19.757 ng
RT: 19.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

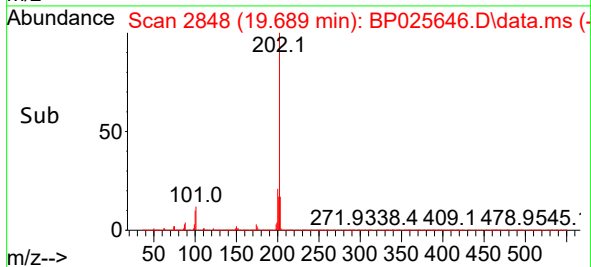
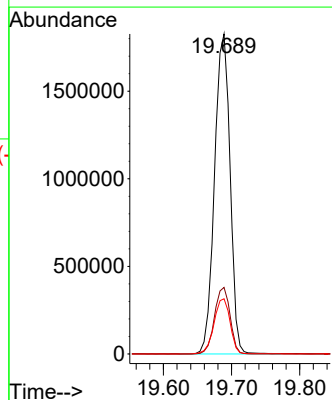
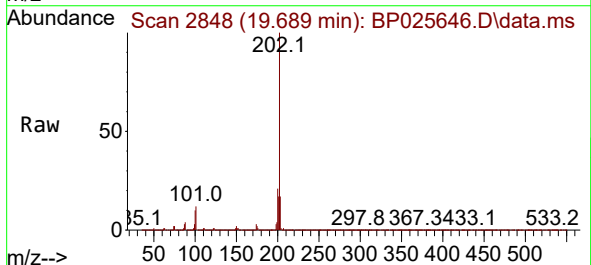
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

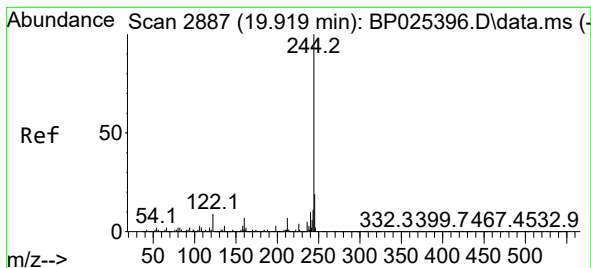
Tgt Ion:184 Resp: 547185
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.5 9.4 14.2



#78
Pyrene
Concen: 54.950 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:202 Resp: 2898500
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 97.240 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

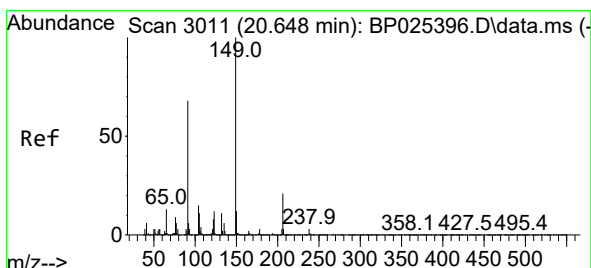
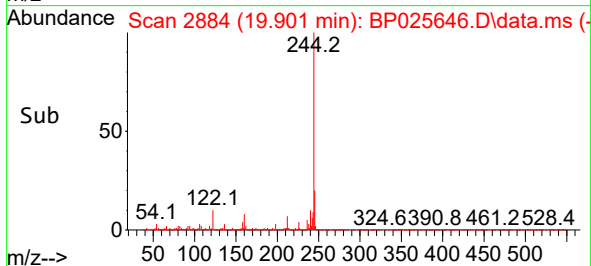
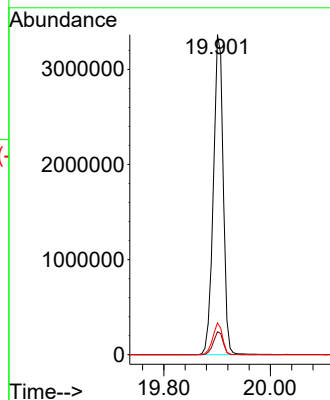
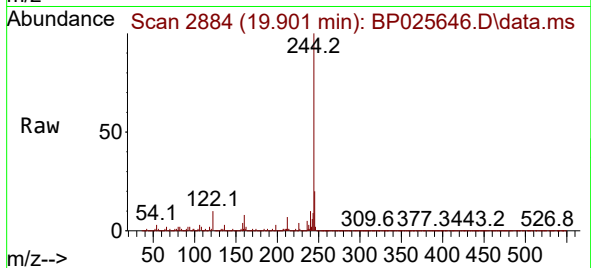
Tgt Ion:244 Resp: 4313281

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.9 7.4 11.2



#80

Butylbenzylphthalate

Concen: 59.349 ng

RT: 20.630 min Scan# 3008

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

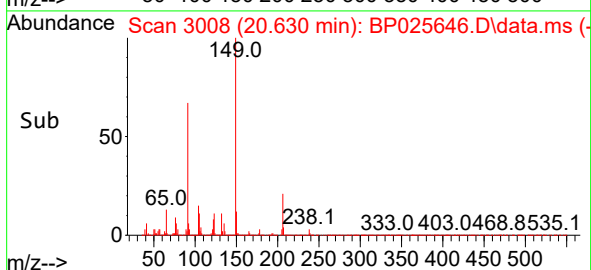
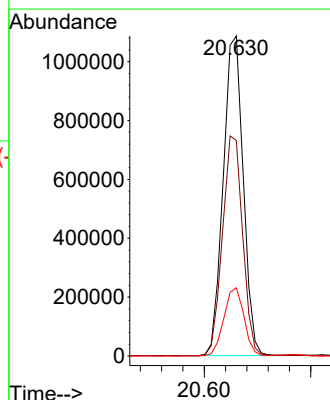
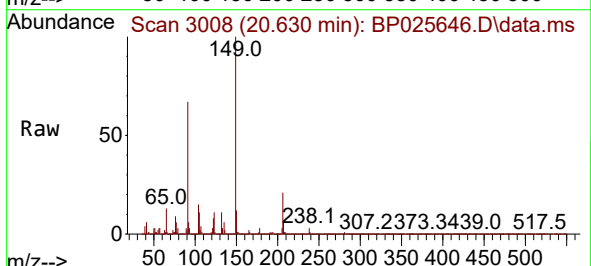
Tgt Ion:149 Resp: 1418811

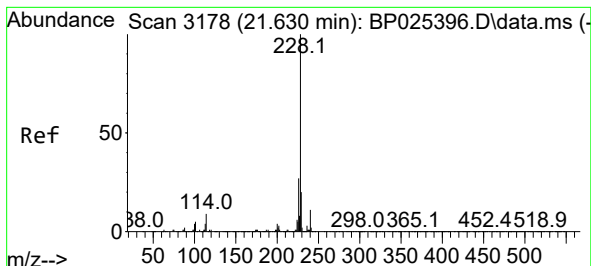
Ion Ratio Lower Upper

149 100

91 67.3 54.2 81.2

206 21.3 16.6 24.8





#81

Benzo(a)anthracene

Concen: 55.547 ng

RT: 21.601 min Scan# 3178

Delta R.T. -0.030 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

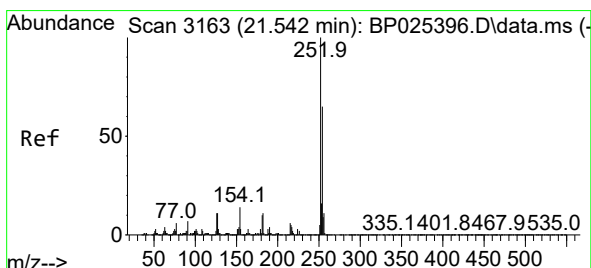
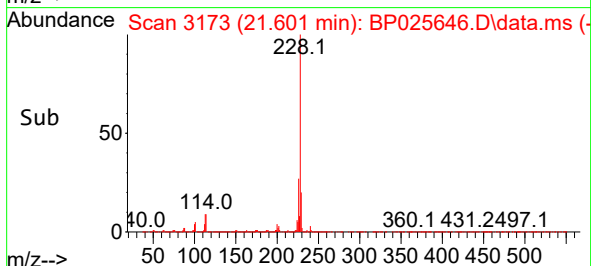
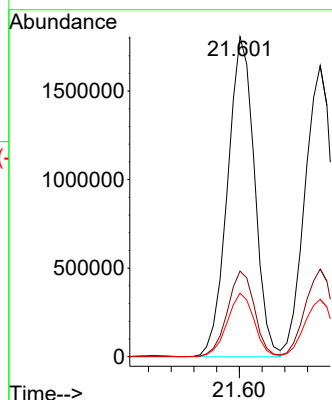
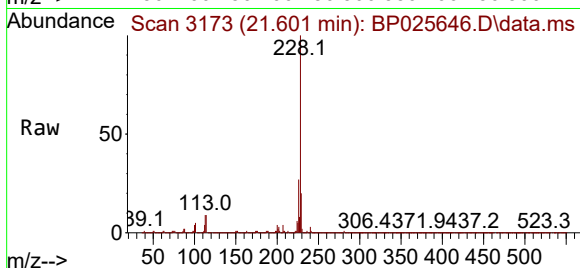
Tgt Ion:228 Resp: 2972995

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 34.600 ng

RT: 21.524 min Scan# 3160

Delta R.T. -0.018 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

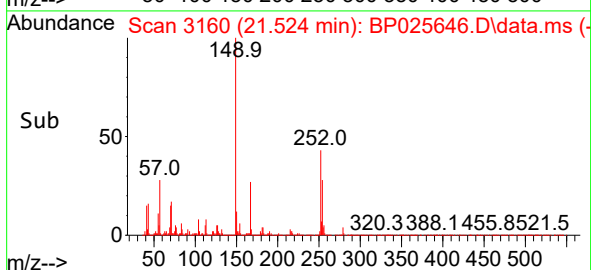
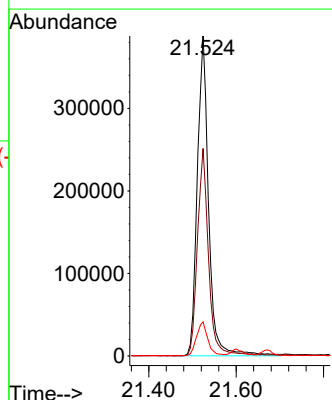
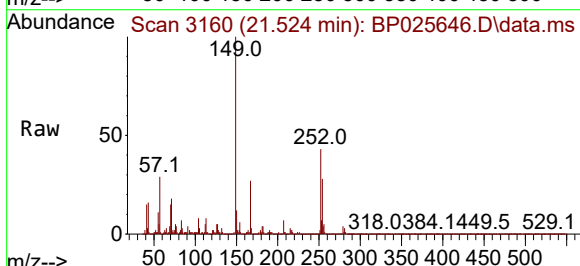
Tgt Ion:252 Resp: 698012

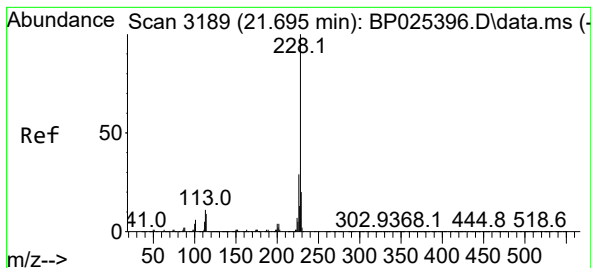
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 10.6 9.1 13.7





#83

Chrysene

Concen: 55.686 ng

RT: 21.671 min Scan# 3185

Delta R.T. -0.024 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

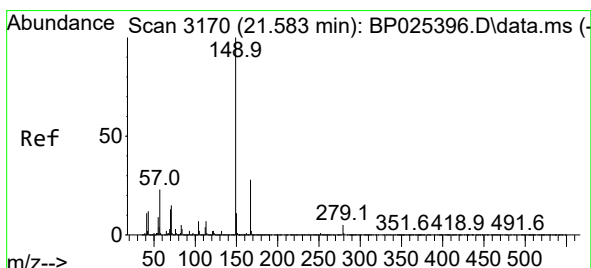
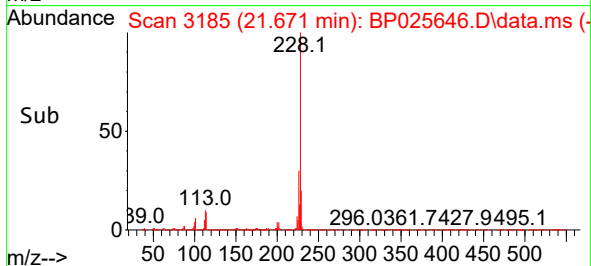
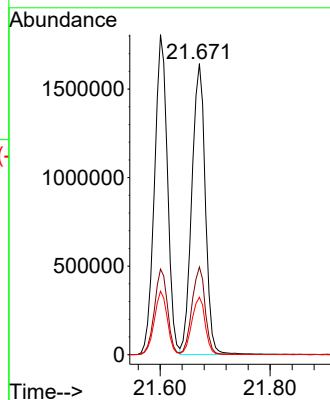
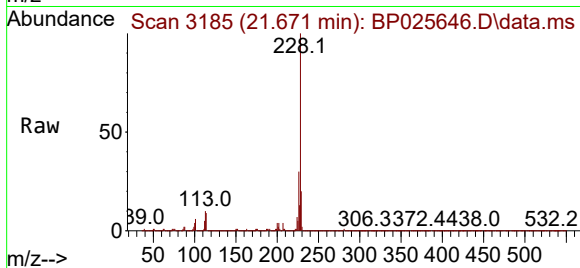
Tgt Ion:228 Resp: 2791132

Ion Ratio Lower Upper

228 100

226 30.1 23.2 34.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.629 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.047 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

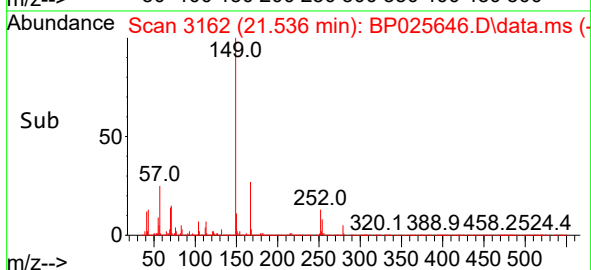
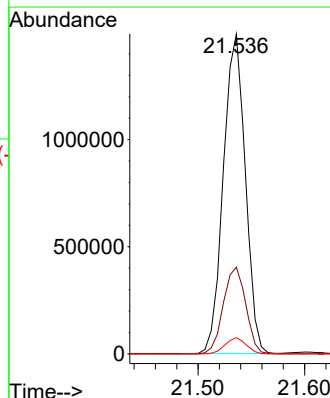
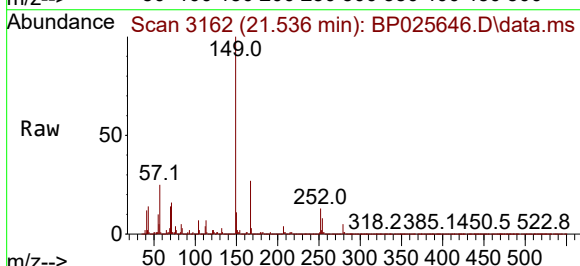
Tgt Ion:149 Resp: 2133598

Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 5.1 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 60.950 ng

RT: 22.806 min Scan# 31

Delta R.T. -0.065 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

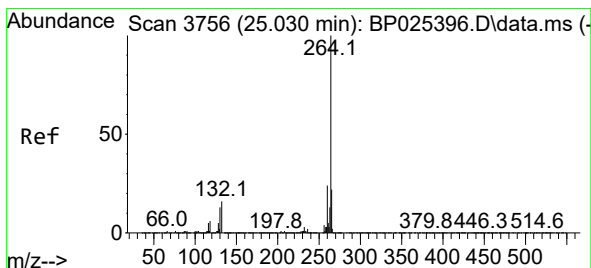
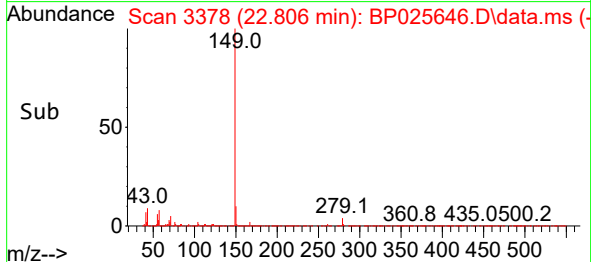
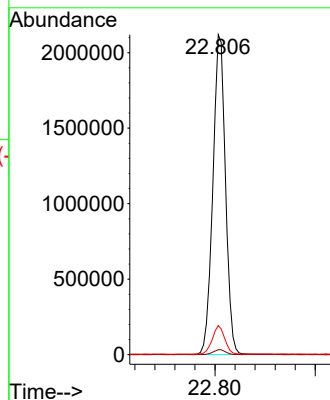
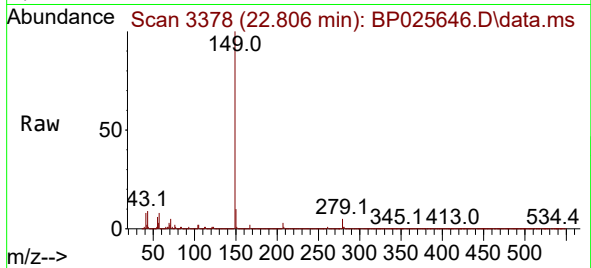
Tgt Ion:149 Resp: 3689306

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3746

Delta R.T. -0.059 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

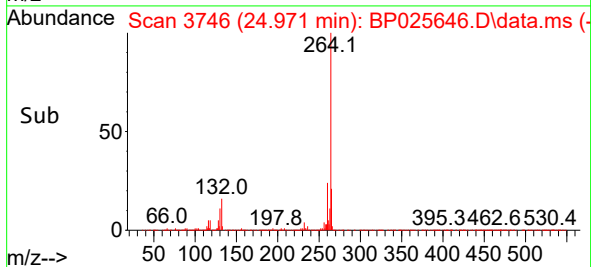
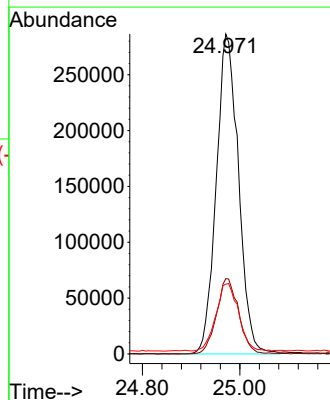
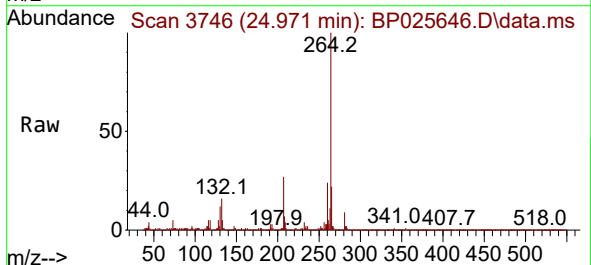
Tgt Ion:264 Resp: 906350

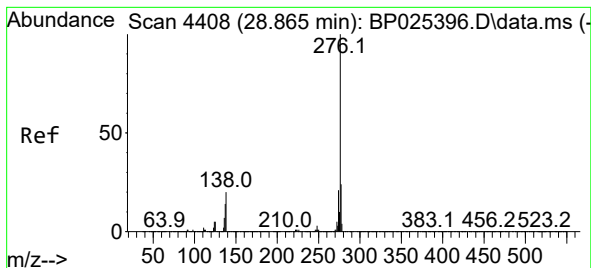
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.861 ng

RT: 28.812 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

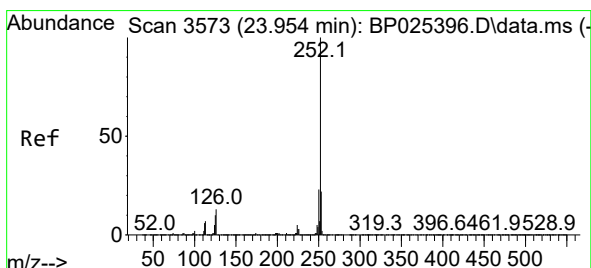
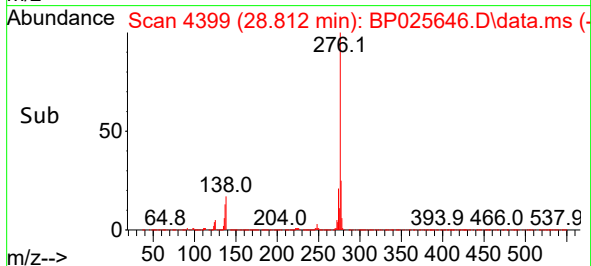
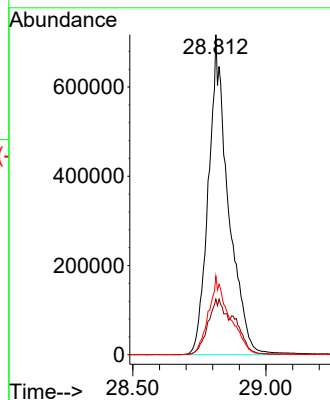
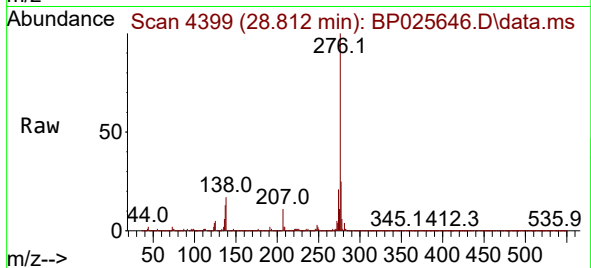
Tgt Ion:276 Resp: 3712998

Ion Ratio Lower Upper

276 100

138 15.4 12.9 19.3

277 25.7 17.0 25.6#



#88

Benzo(b)fluoranthene

Concen: 56.480 ng

RT: 23.918 min Scan# 3567

Delta R.T. -0.036 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

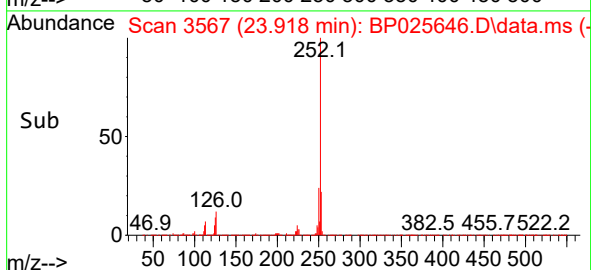
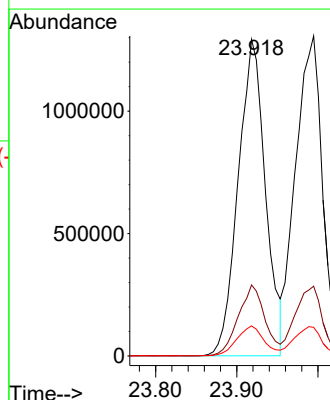
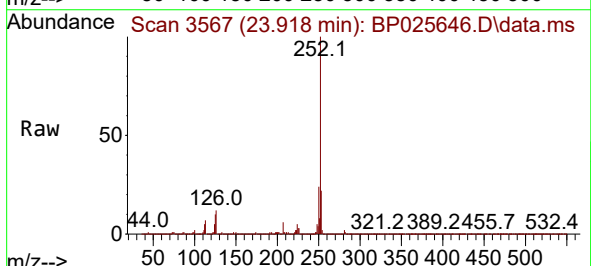
Tgt Ion:252 Resp: 3018548

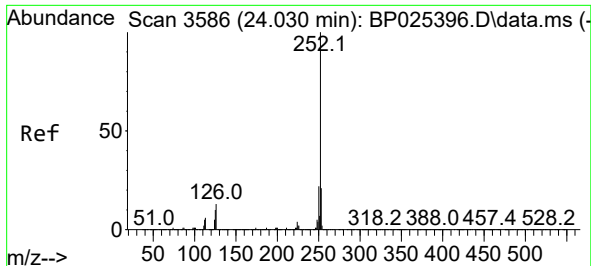
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 9.5 7.9 11.9

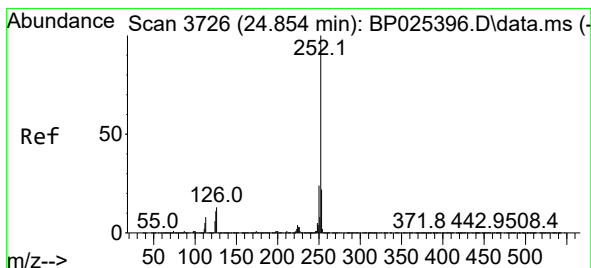
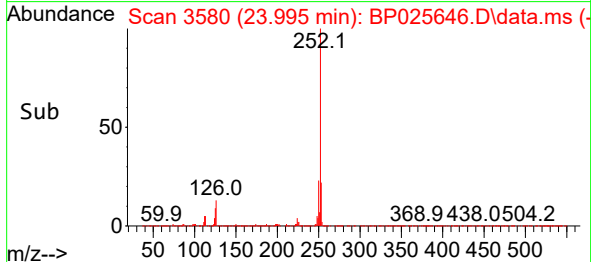
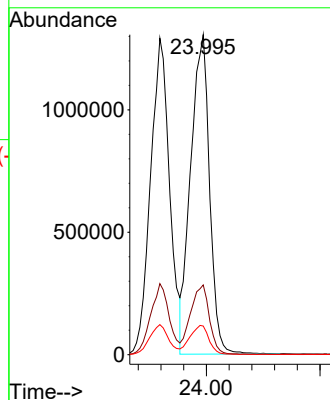
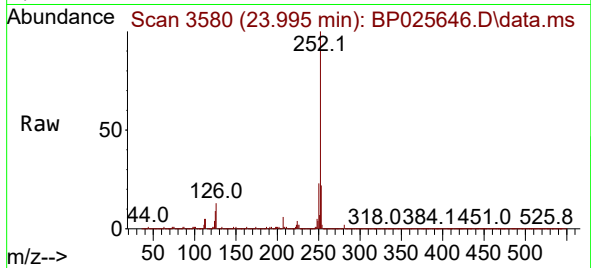




#89
Benzo(k)fluoranthene
Concen: 56.399 ng
RT: 23.995 min Scan# 31
Delta R.T. -0.036 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

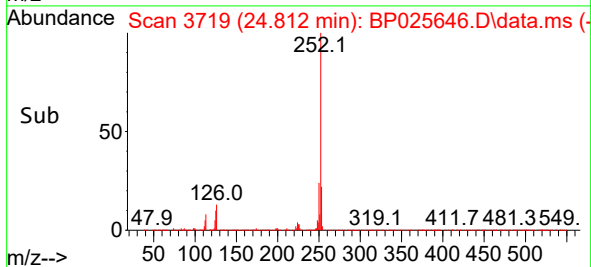
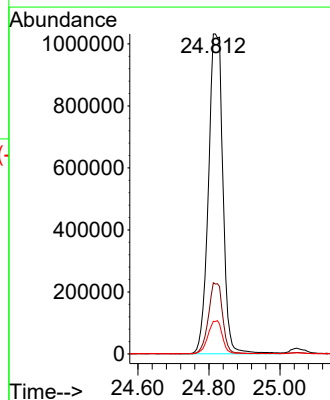
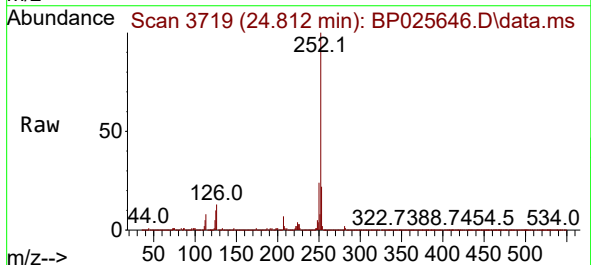
Instrument :
BNA_P
ClientSampleId :
RT5427MSD

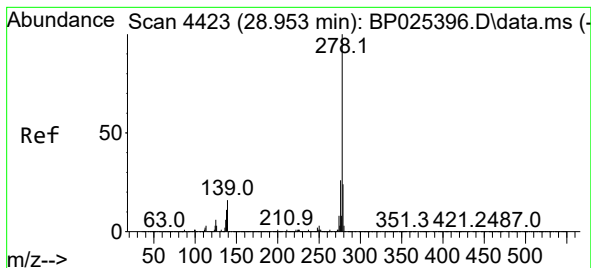
Tgt Ion:252 Resp: 3016274
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 8.9 7.8 11.6



#90
Benzo(a)pyrene
Concen: 56.251 ng
RT: 24.812 min Scan# 3719
Delta R.T. -0.041 min
Lab File: BP025646.D
Acq: 02 Sep 2025 20:22

Tgt Ion:252 Resp: 2926426
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 56.054 ng

RT: 28.888 min Scan# 4412

Delta R.T. -0.065 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Instrument :

BNA_P

ClientSampleId :

RT5427MSD

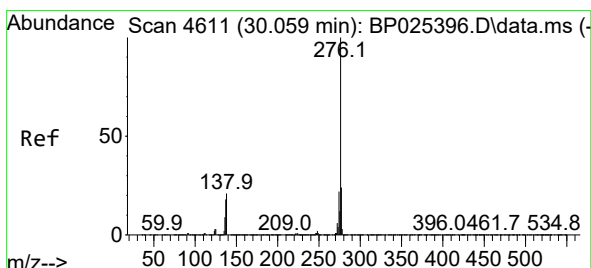
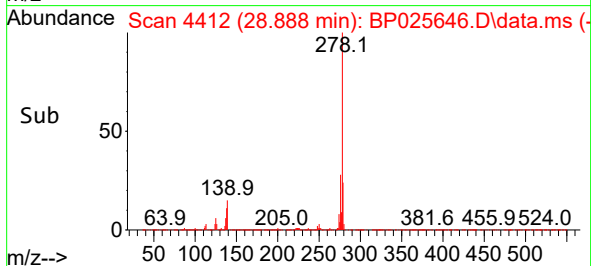
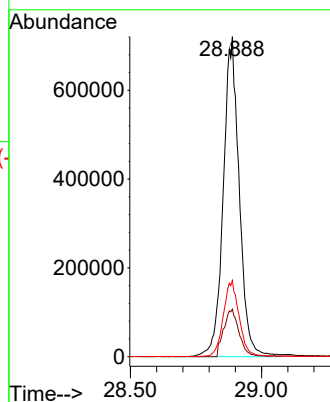
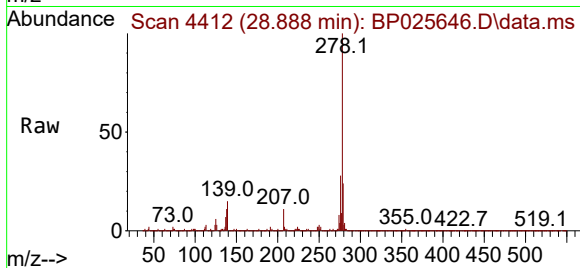
Tgt Ion:278 Resp: 3044768

Ion Ratio Lower Upper

278 100

139 14.8 13.0 19.4

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 55.492 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.053 min

Lab File: BP025646.D

Acq: 02 Sep 2025 20:22

Tgt Ion:276 Resp: 2962937

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 19.6 16.7 25.1

