

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024957.D
 Acq On : 16 Jun 2025 12:14
 Operator : RC/JU
 Sample : PB168462BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168462BS

Quant Time: Jun 16 12:44:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	327344	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1406524	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	932928	20.000	ng	0.01
64) Phenanthrene-d10	17.060	188	1797221	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1344618	20.000	ng	0.00
86) Perylene-d12	24.760	264	1361847	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	3073564	156.728	ng	0.00
7) Phenol-d6	6.825	99	3991375	153.827	ng	0.01
23) Nitrobenzene-d5	8.766	82	2387550	82.486	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1923006	149.091	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	5707446	82.414	ng	0.00
79) Terphenyl-d14	19.789	244	7939612	105.827	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	297084	34.429	ng	99
3) Pyridine	3.561	79	793502	38.238	ng	99
4) n-Nitrosodimethylamine	3.478	42	365611	43.095	ng	95
6) Aniline	6.955	93	1280576	38.673	ng	99
8) 2-Chlorophenol	7.190	128	1172764	52.752	ng	100
9) Benzaldehyde	6.766	77	741300	49.566	ng	98
10) Phenol	6.849	94	1421109	53.128	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	1008050	47.915	ng	99
12) 1,3-Dichlorobenzene	7.496	146	1135138	45.770	ng	99
13) 1,4-Dichlorobenzene	7.643	146	1146545	45.818	ng	100
14) 1,2-Dichlorobenzene	7.955	146	1109835	45.165	ng	99
15) Benzyl Alcohol	7.861	79	1026407	51.543	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1266872	46.008	ng	98
17) 2-Methylphenol	8.078	107	985692	52.770	ng	99
18) Hexachloroethane	8.666	117	422885	44.886	ng	99
19) n-Nitroso-di-n-propyla...	8.419	70	815074	46.208	ng	99
20) 3+4-Methylphenols	8.402	107	1326575	52.055	ng	97
22) Acetophenone	8.431	105	1610106	45.309	ng	# 99
24) Nitrobenzene	8.808	77	1185230	46.092	ng	98
25) Isophorone	9.325	82	2309694	46.042	ng	100
26) 2-Nitrophenol	9.507	139	639389	50.395	ng	98
27) 2,4-Dimethylphenol	9.578	122	1117861	51.481	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	1429890	47.784	ng	98
29) 2,4-Dichlorophenol	10.055	162	1121807	53.843	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	1063532	45.258	ng	99
31) Naphthalene	10.431	128	3295176	45.716	ng	100
32) Benzoic acid	9.802	122	803521	54.760	ng	99
33) 4-Chloroaniline	10.554	127	916796	30.359	ng	99
34) Hexachlorobutadiene	10.707	225	655764	46.300	ng	100
35) Caprolactam	11.366	113	381984m	49.807	ng	
36) 4-Chloro-3-methylphenol	11.707	107	1258232	52.358	ng	99
37) 2-Methylnaphthalene	12.049	142	2165387	47.360	ng	99
38) 1-Methylnaphthalene	12.272	142	2290204	46.852	ng	100
40) 1,2,4,5-Tetrachloroben...	12.425	216	1215575	45.919	ng	99
41) Hexachlorocyclopentadiene	12.396	237	1442725	89.353	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	905119	50.913	ng	99

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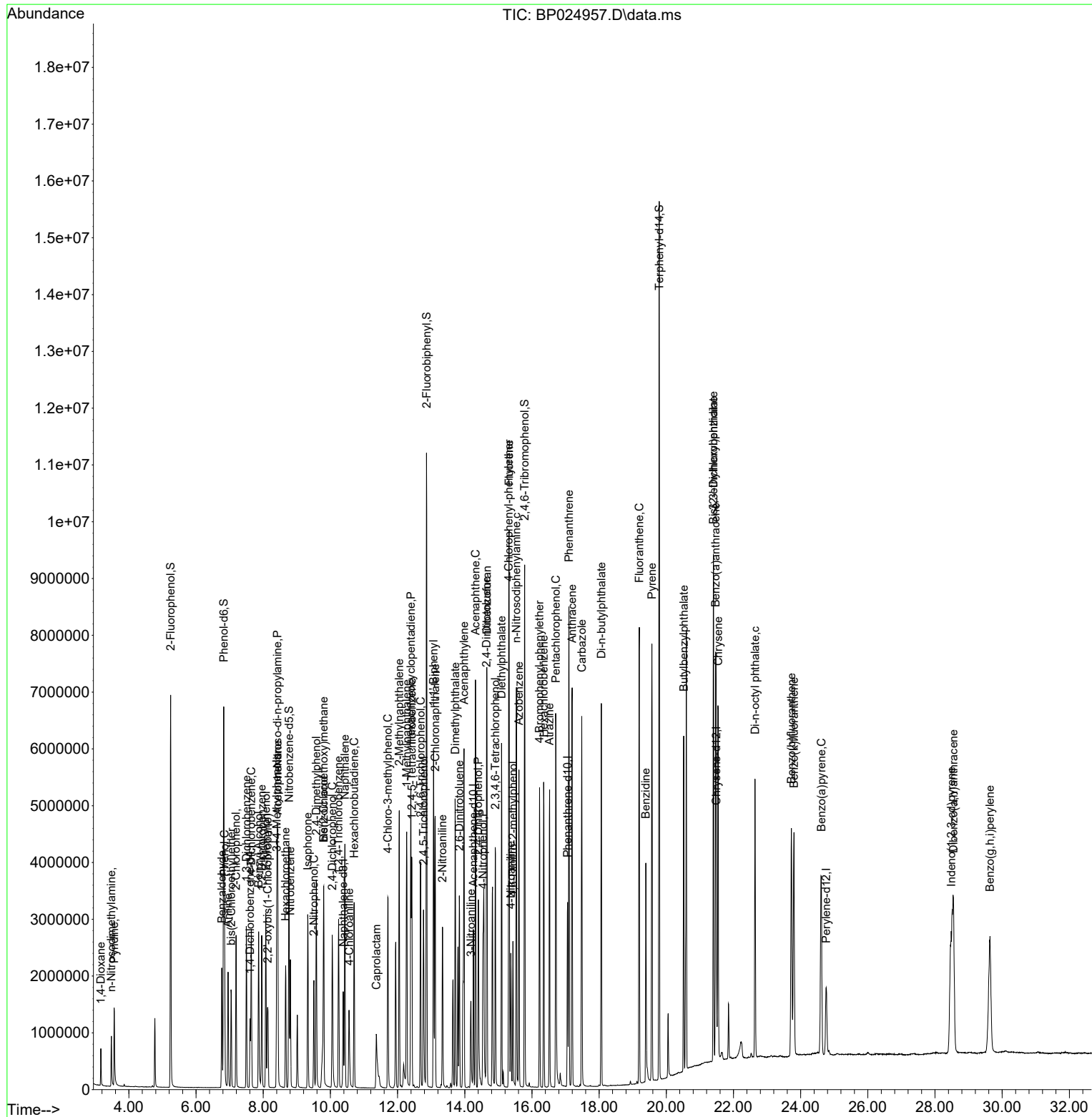
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44) 2,4,5-Trichlorophenol	12.772	196	1001195	52.586	ng	99
46) 1,1'-Biphenyl	13.072	154	3181101	46.920	ng	99
47) 2-Chloronaphthalene	13.119	162	2437258	46.773	ng	99
48) 2-Nitroaniline	13.337	65	780023	48.691	ng	99
49) Acenaphthylene	13.978	152	4036068	46.454	ng	100
50) Dimethylphthalate	13.713	163	3245281	47.156	ng	100
51) 2,6-Dinitrotoluene	13.837	165	727312	49.023	ng	99
52) Acenaphthene	14.319	154	2310916	46.416	ng	99
53) 3-Nitroaniline	14.184	138	500646	32.517	ng	96
54) 2,4-Dinitrophenol	14.401	184	936821	95.791	ng	98
55) Dibenzofuran	14.660	168	3659229	45.788	ng	99
56) 4-Nitrophenol	14.543	139	1084311	82.972	ng	98
57) 2,4-Dinitrotoluene	14.648	165	1010420	48.687	ng	97
58) Fluorene	15.319	166	3023924	46.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	832225	48.923	ng	99
60) Diethylphthalate	15.095	149	3306465	48.208	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	1504292	47.655	ng	99
62) 4-Nitroaniline	15.372	138	692666	49.617	ng	91
63) Azobenzene	15.613	77	2966292	47.156	ng	97
65) 4,6-Dinitro-2-methylph...	15.437	198	593989	50.298	ng	99
66) n-Nitrosodiphenylamine	15.537	169	2636477	47.329	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	996999	49.165	ng	98
68) Hexachlorobenzene	16.348	284	1191608	48.472	ng	99
69) Atrazine	16.525	200	957537	47.416	ng	99
70) Pentachlorophenol	16.713	266	1420523	111.649	ng	99
71) Phenanthrene	17.101	178	4549778	45.811	ng	99
72) Anthracene	17.195	178	4663413	46.363	ng	99
73) Carbazole	17.484	167	4250028	45.585	ng	100
74) Di-n-butylphthalate	18.066	149	5294032	45.830	ng	100
75) Fluoranthene	19.195	202	4871662	42.321	ng	100
77) Benzidine	19.389	184	2352552	56.491	ng	100
78) Pyrene	19.572	202	5010710	59.648	ng	100
80) Butylbenzylphthalate	20.519	149	1984107	51.564	ng	98
81) Benzo(a)anthracene	21.472	228	4129809	48.022	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1093772	32.036	ng	98
83) Chrysene	21.542	228	3837971	47.099	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2514861	45.617	ng	99
85) Di-n-octyl phthalate	22.642	149	4078405	41.971	ng	99
87) Indeno(1,2,3-cd)pyrene	28.483	276	5133853	51.667	ng	# 76
88) Benzo(b)fluoranthene	23.724	252	3768279	48.349	ng	99
89) Benzo(k)fluoranthene	23.801	252	3751595	47.288	ng	99
90) Benzo(a)pyrene	24.613	252	3662208	48.115	ng	99
91) Dibenzo(a,h)anthracene	28.548	278	4180856	51.693	ng	99
92) Benzo(g,h,i)perylene	29.636	276	4180845	52.099	ng	98

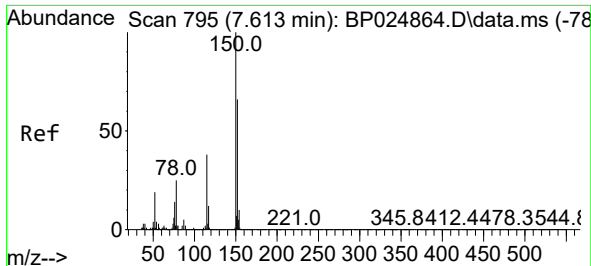
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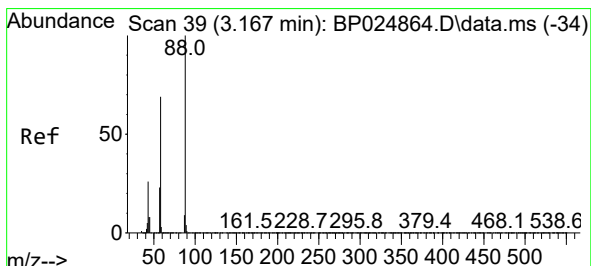
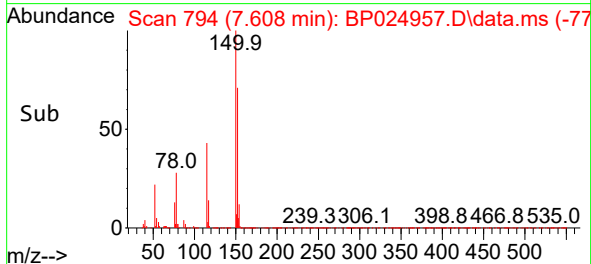
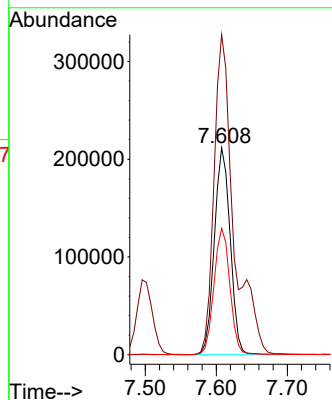
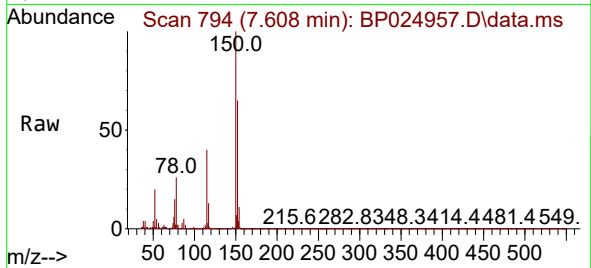




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024957.D
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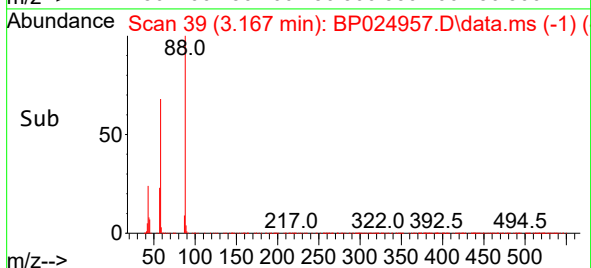
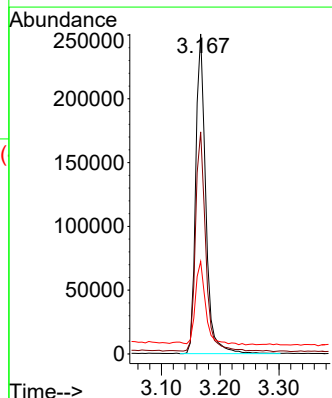
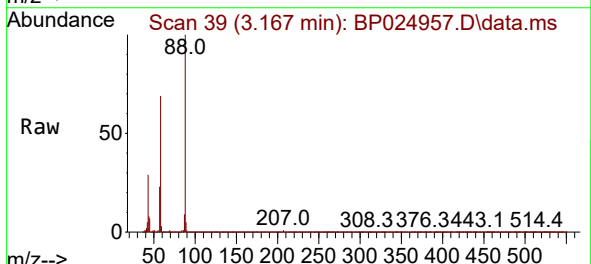
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BNA_P
ClientSampleId :
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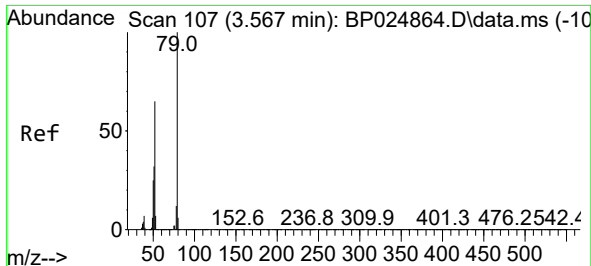
Tgt Ion:152 Resp: 327344
Ion Ratio Lower Upper
152 100
150 154.6 122.1 183.1
115 61.1 46.4 69.6



#2
1,4-Dioxane
Concen: 34.429 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024957.D
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Tgt Ion: 88 Resp: 297084
Ion Ratio Lower Upper
88 100
58 70.3 55.4 83.0
43 26.2 20.8 31.2

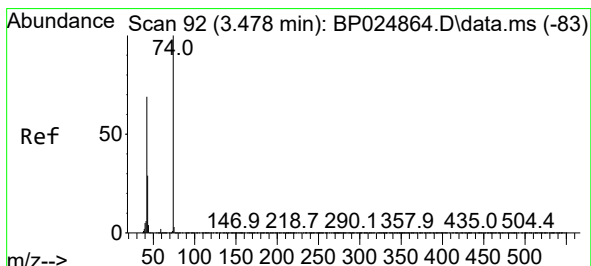
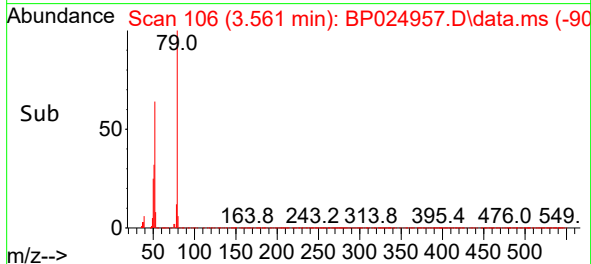
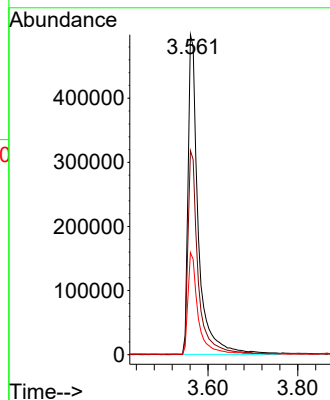
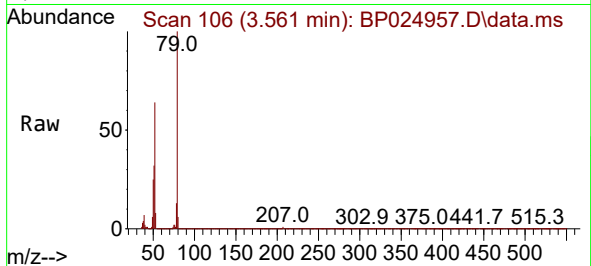




#3
Pyridine
Concen: 38.238 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

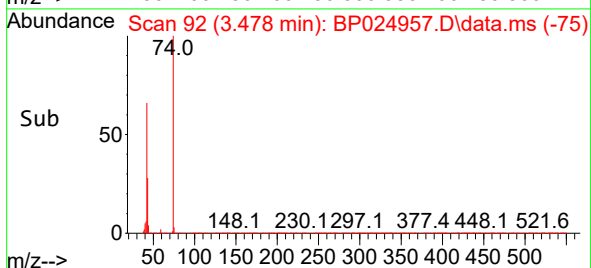
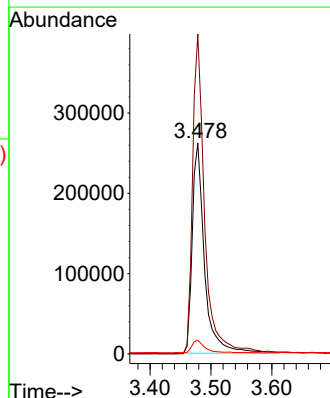
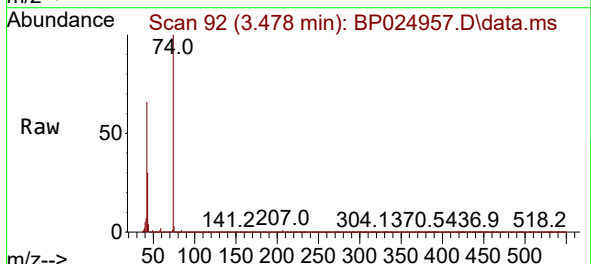
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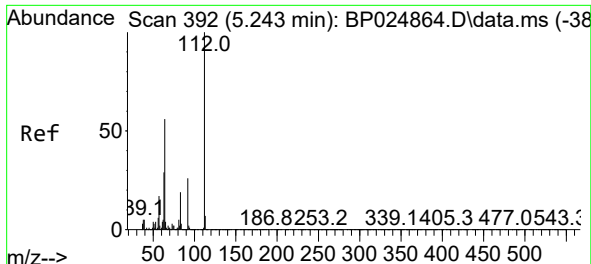
Tgt Ion: 79 Resp: 793502
Ion Ratio Lower Upper
79 100
52 63.8 51.6 77.4
51 31.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 43.095 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion: 42 Resp: 365611
Ion Ratio Lower Upper
42 100
74 151.7 116.6 174.8
44 6.5 5.4 8.0

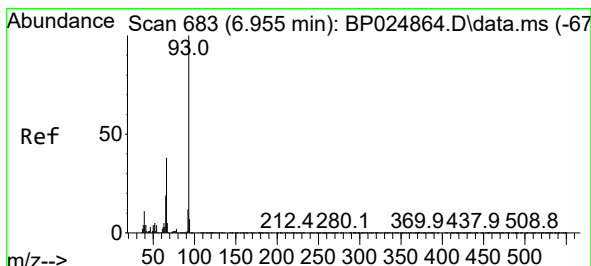
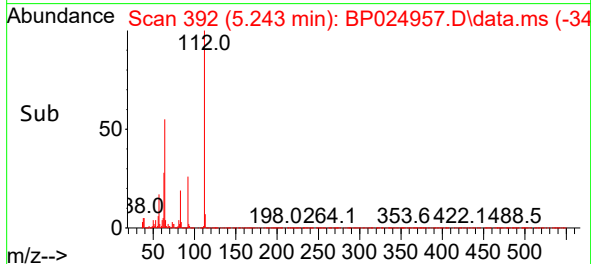
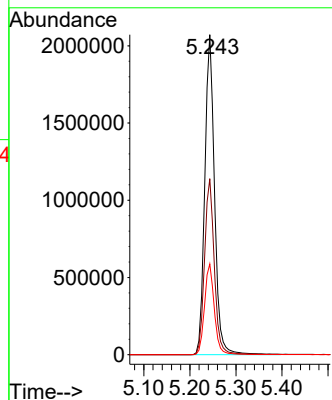
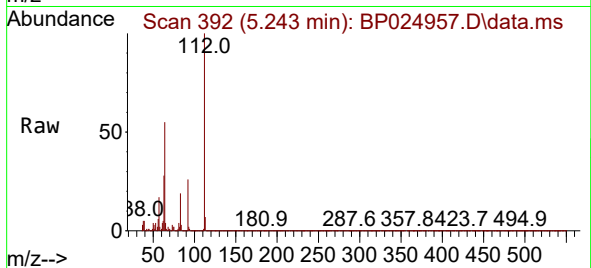




#5
2-Fluorophenol
Concen: 156.728 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

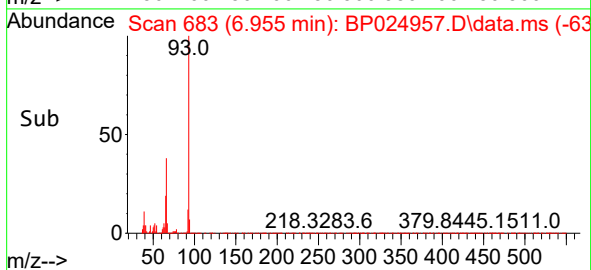
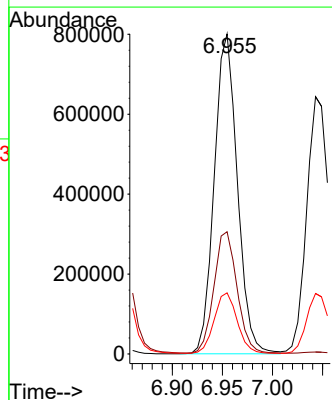
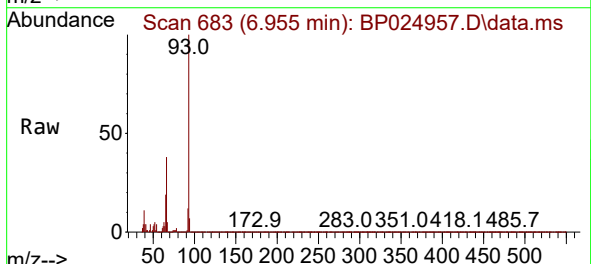
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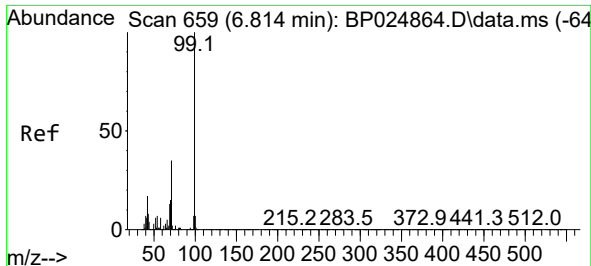
Tgt Ion:112 Resp: 3073564
Ion Ratio Lower Upper
112 100
64 55.0 44.7 67.1
63 28.3 23.5 35.3



#6
Aniline
Concen: 38.673 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024957.D
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Tgt Ion: 93 Resp: 1280576
Ion Ratio Lower Upper
93 100
66 38.2 30.9 46.3
65 19.1 15.5 23.3

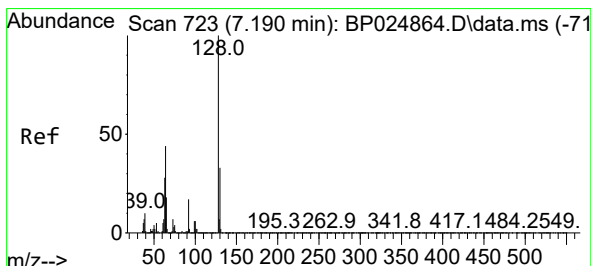
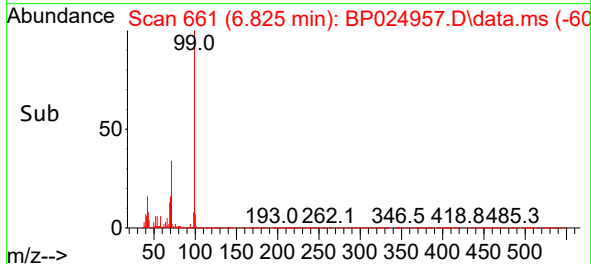
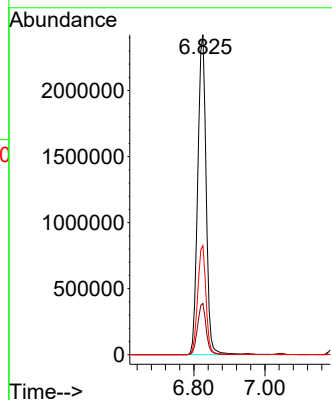
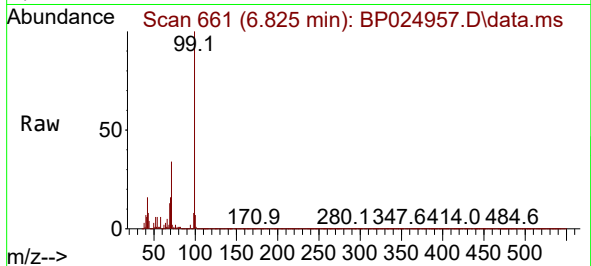




#7
Phenol-d6
Concen: 153.827 ng
RT: 6.825 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP024957.D
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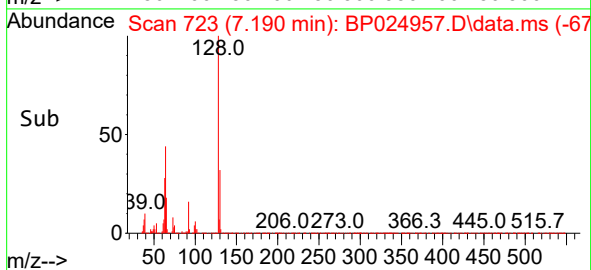
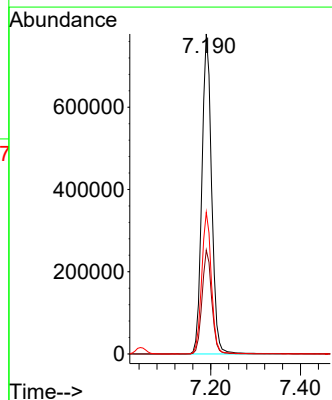
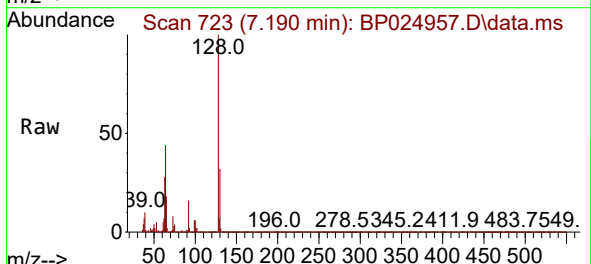
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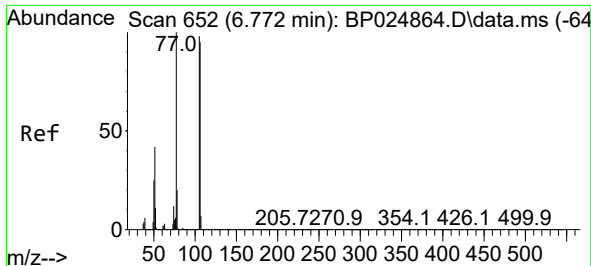
Tgt Ion: 99 Resp: 3991375
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 34.1 27.6 41.4



#8
2-Chlorophenol
Concen: 52.752 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:128 Resp: 1172764
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 44.2 24.1 64.1

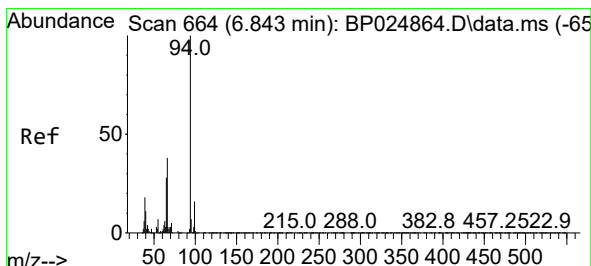
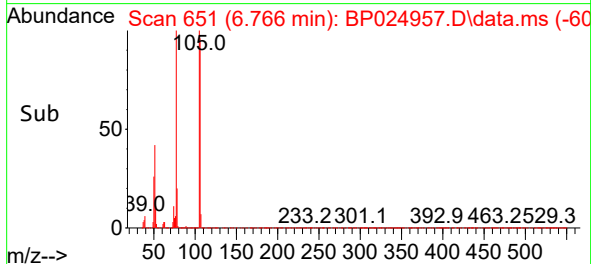
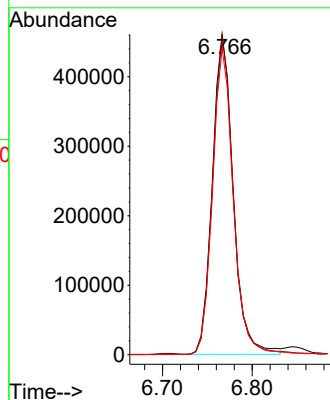
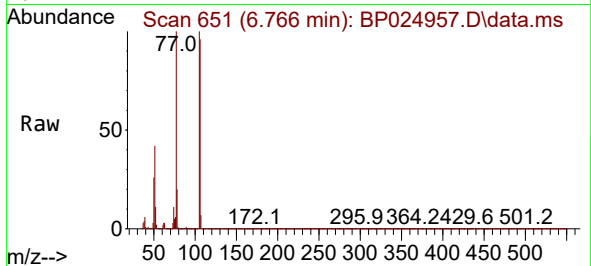




#9
Benzaldehyde
Concen: 49.566 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
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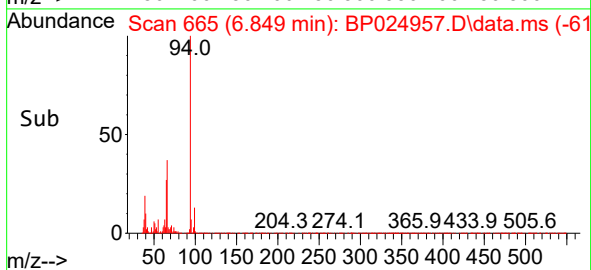
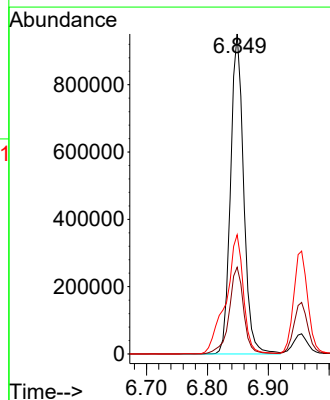
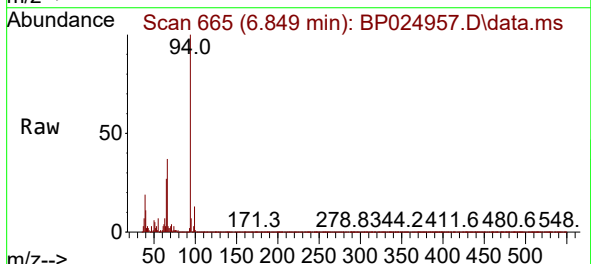
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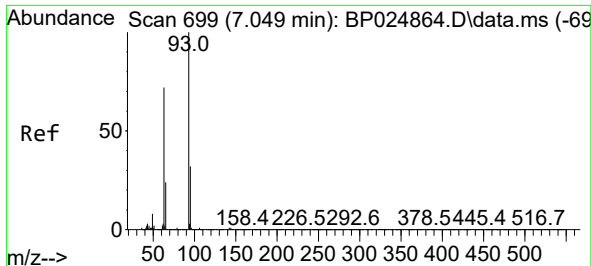
Tgt Ion: 77 Resp: 741300
Ion Ratio Lower Upper
77 100
105 99.9 77.7 117.7
106 95.7 74.8 114.8



#10
Phenol
Concen: 53.128 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion: 94 Resp: 1421109
Ion Ratio Lower Upper
94 100
65 27.1 8.3 48.3
66 37.3 18.2 58.2

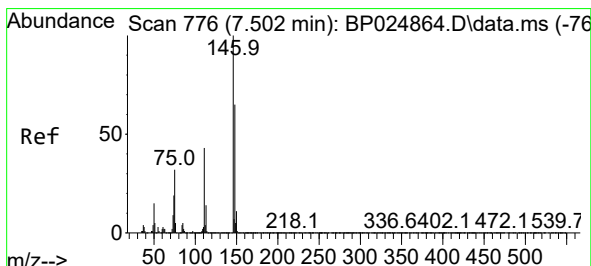
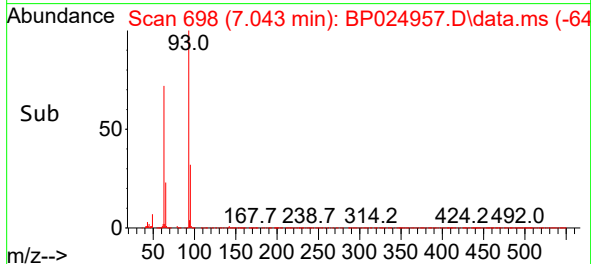
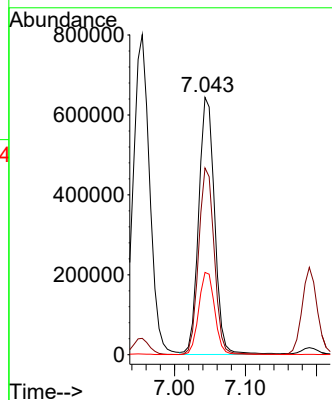
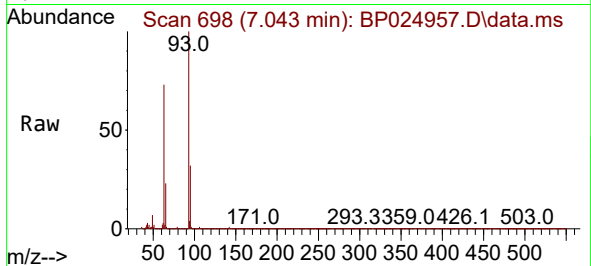




#11
bis(2-Chloroethyl)ether
Concen: 47.915 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

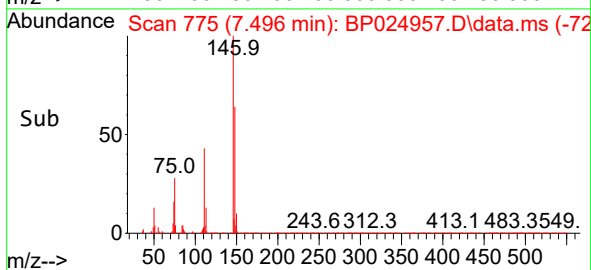
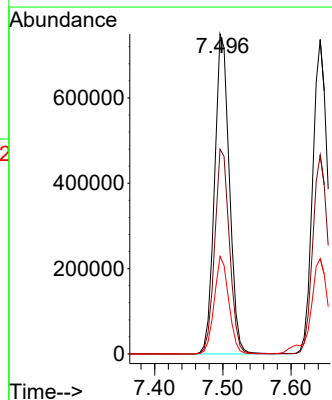
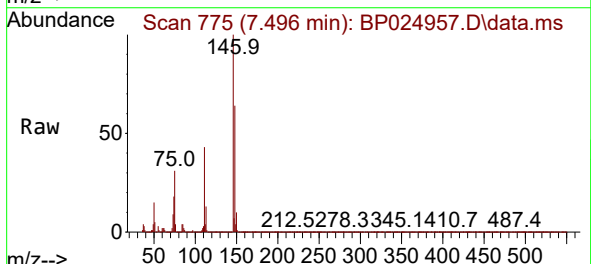
Instrument :
BNA_P
ClientSampleId :
PB168462BS

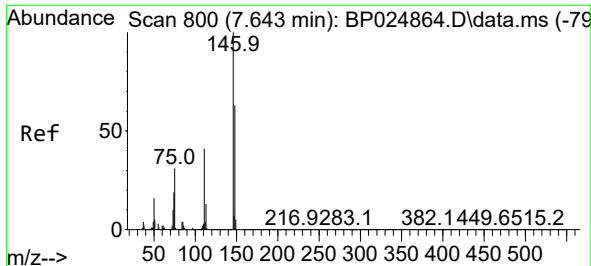
Tgt Ion: 93 Resp: 1008050
Ion Ratio Lower Upper
93 100
63 72.5 51.6 91.6
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.770 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion: 146 Resp: 1135138
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.5 25.3 37.9

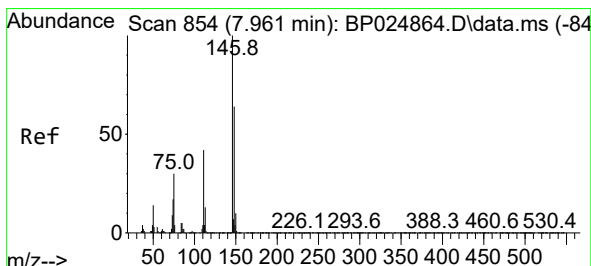
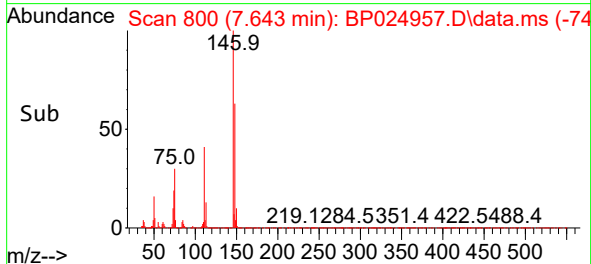
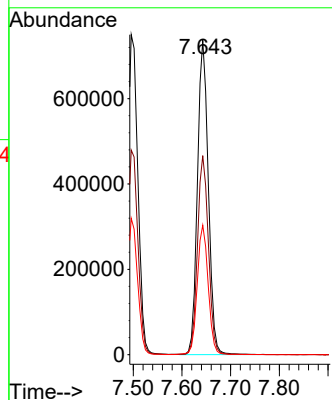
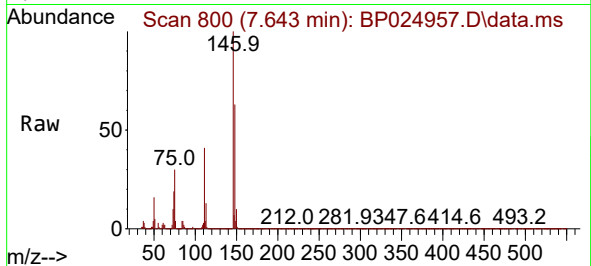




#13
1,4-Dichlorobenzene
Concen: 45.818 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

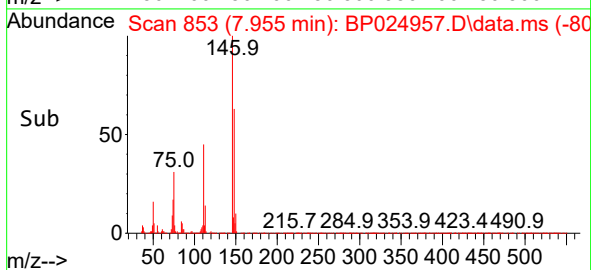
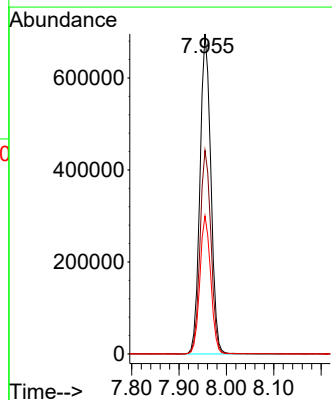
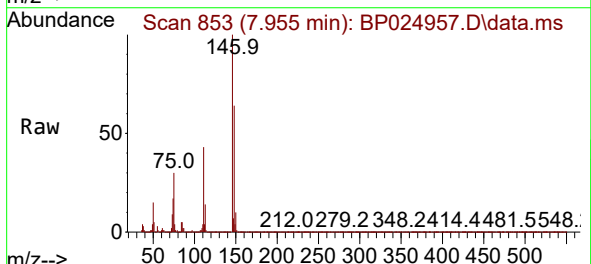
Instrument :
BNA_P
ClientSampleId :
PB168462BS

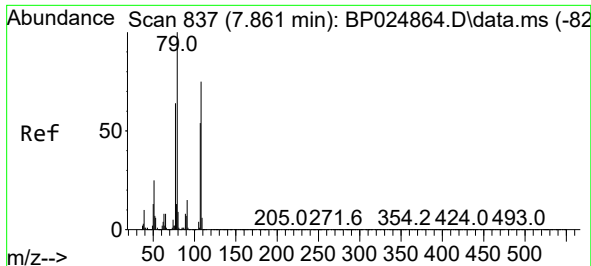
Tgt Ion:146 Resp: 1146545
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 41.1 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 45.165 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:146 Resp: 1109835
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
111 43.2 33.8 50.8

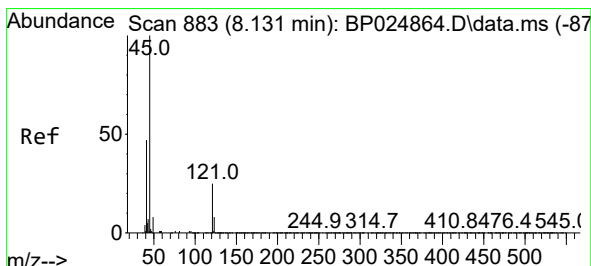
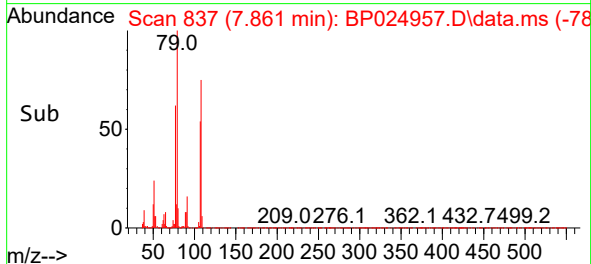
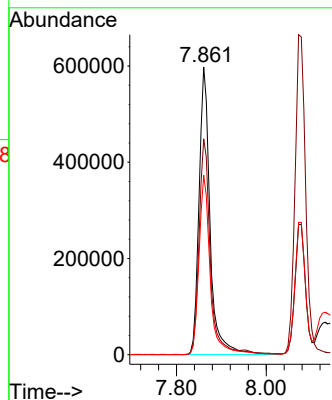
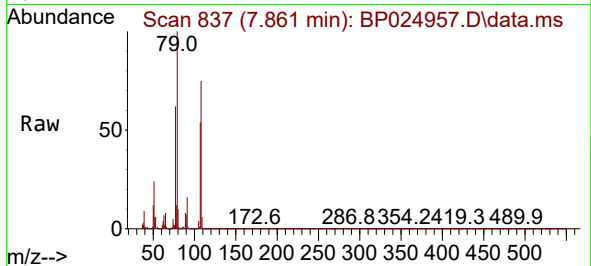




#15
Benzyl Alcohol
Concen: 51.543 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

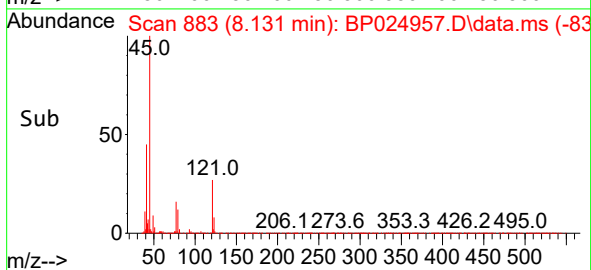
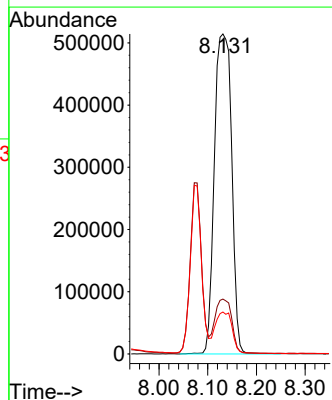
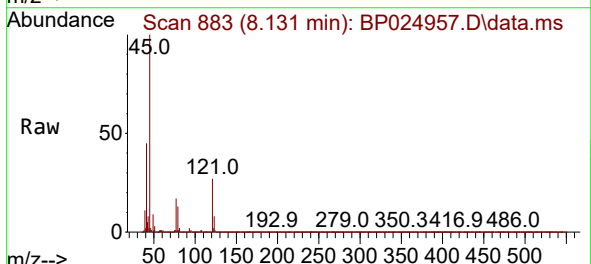
Instrument :
BNA_P
ClientSampleId :
PB168462BS

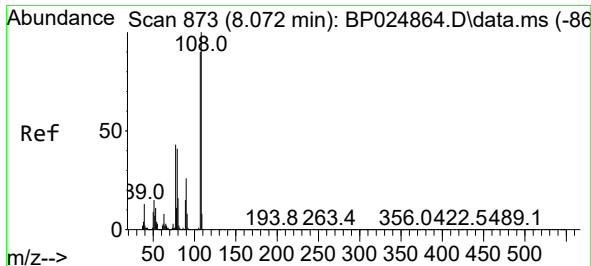
Tgt Ion: 79 Resp: 1026407
Ion Ratio Lower Upper
79 100
108 75.0 60.2 90.4
77 62.3 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.008 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion: 45 Resp: 1266872
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.3
79 13.1 0.0 32.2

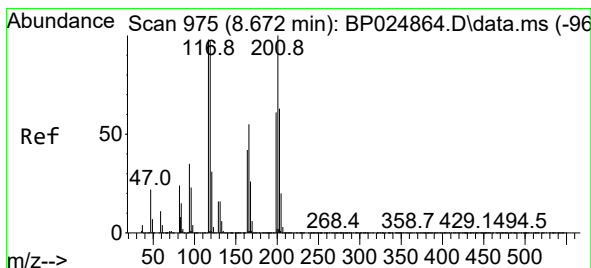
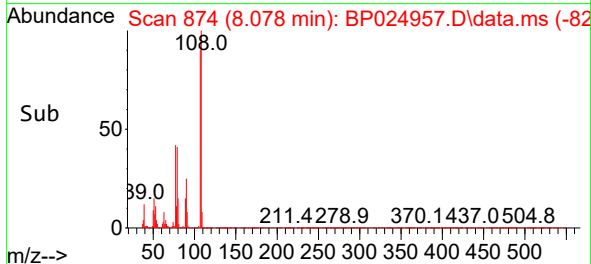
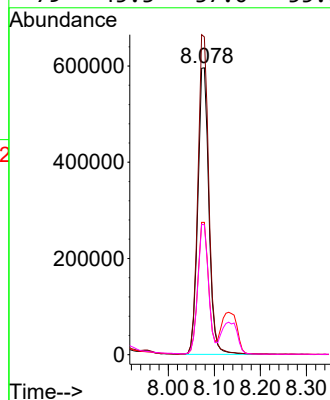
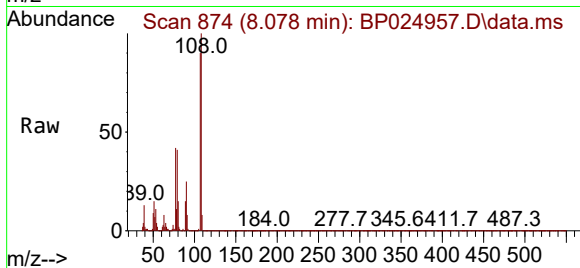




#17
2-Methylphenol
Concen: 52.770 ng
RT: 8.078 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

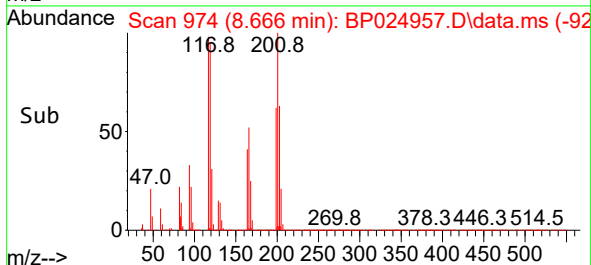
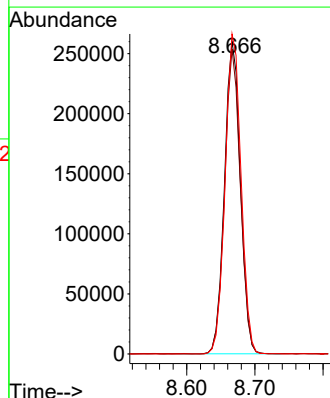
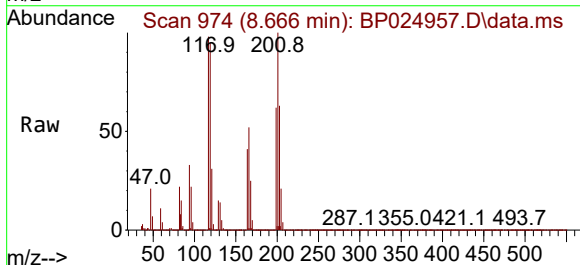
Instrument :
BNA_P
ClientSampleId :
PB168462BS

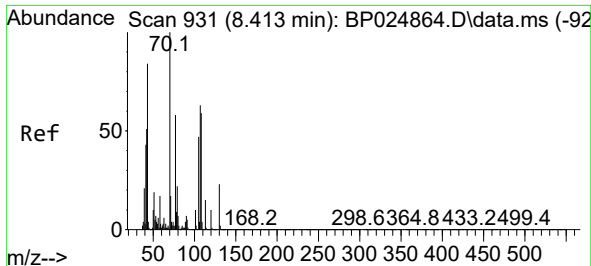
Tgt Ion:	107	Resp:	985692
Ion	Ratio	Lower	Upper
107	100		
108	110.7	88.6	132.8
77	46.1	38.5	57.7
79	45.3	37.0	55.6



#18
Hexachloroethane
Concen: 44.886 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:	117	Resp:	422885
Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.4	119.2
201	102.4	81.4	122.2

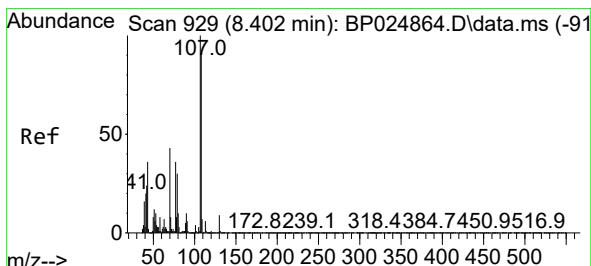
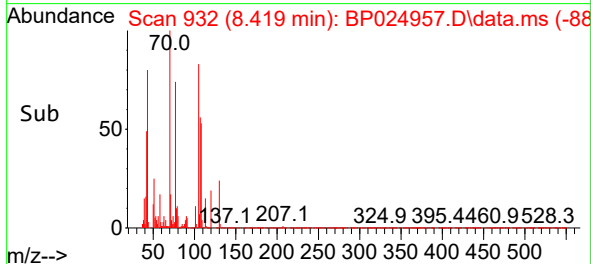
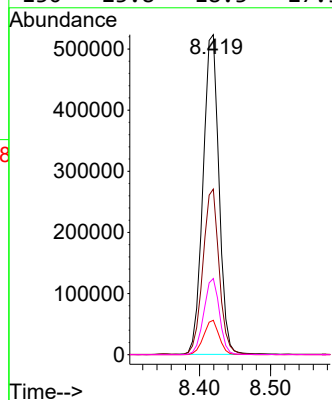
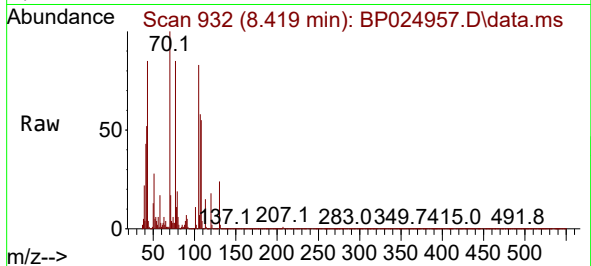




#19
n-Nitroso-di-n-propylamine
Concen: 46.208 ng
RT: 8.419 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

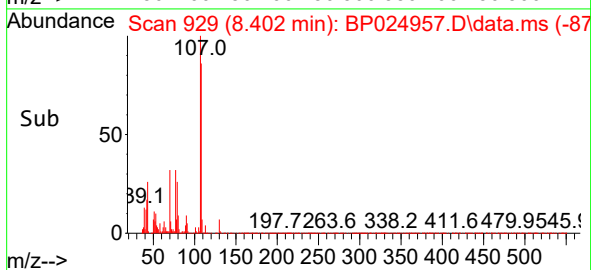
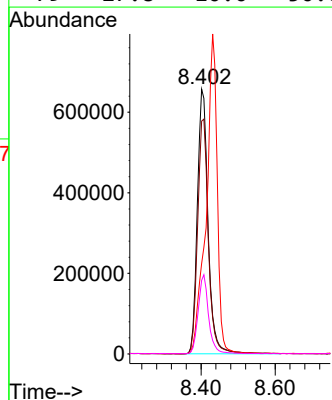
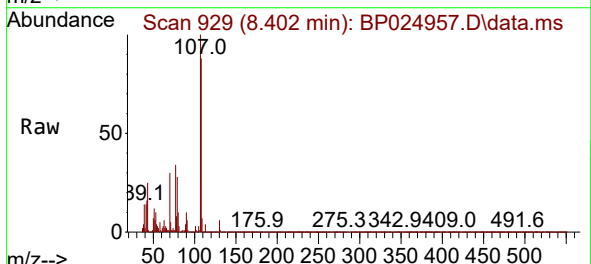
Instrument :
BNA_P
ClientSampleId :
PB168462BS

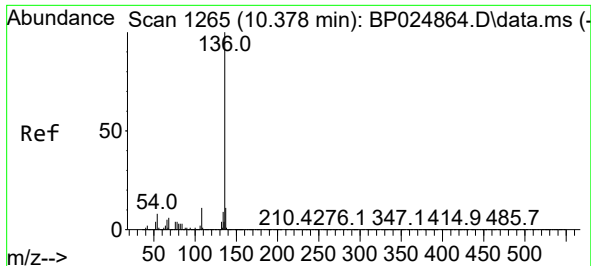
Tgt Ion: 70 Resp: 815074
Ion Ratio Lower Upper
70 100
42 51.7 41.2 61.8
101 10.8 8.3 12.5
130 23.8 18.3 27.5



#20
3+4-Methylphenols
Concen: 52.055 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion: 107 Resp: 1326575
Ion Ratio Lower Upper
107 100
108 87.9 70.7 110.7
77 34.2 16.6 56.6
79 27.8 10.0 50.0

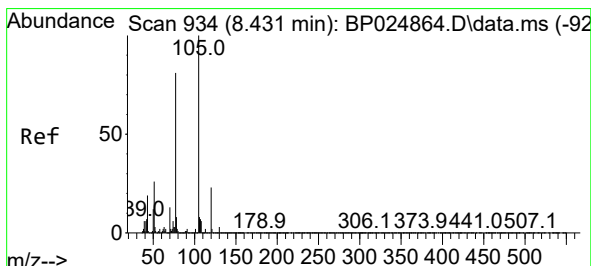
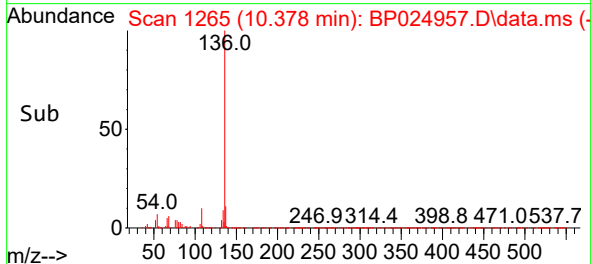
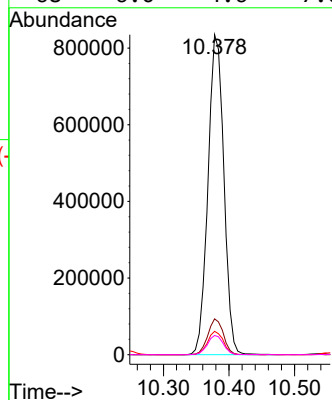
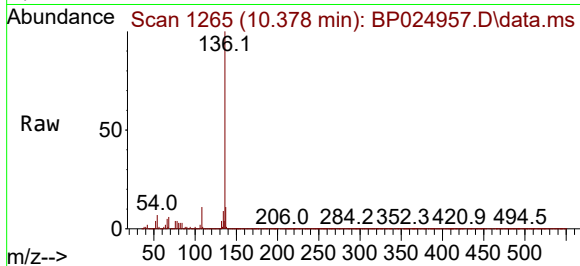




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

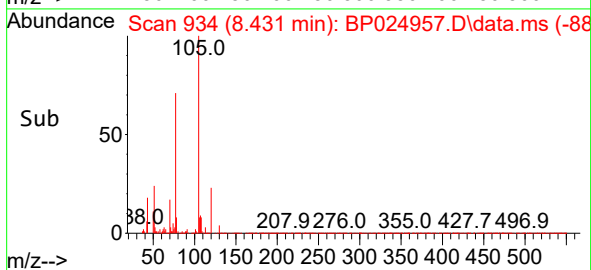
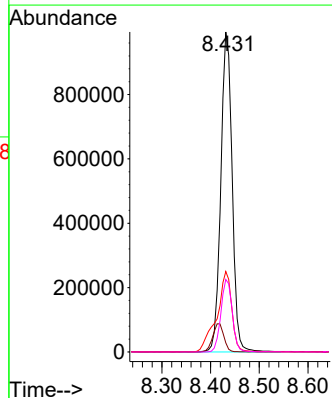
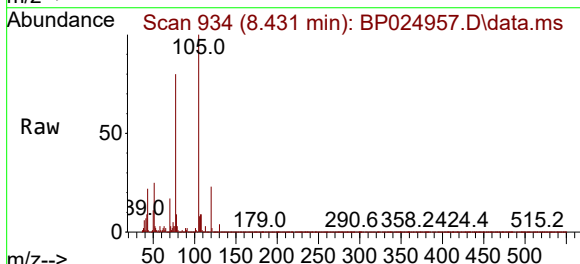
Instrument :
BNA_P
ClientSampleId :
PB168462BS

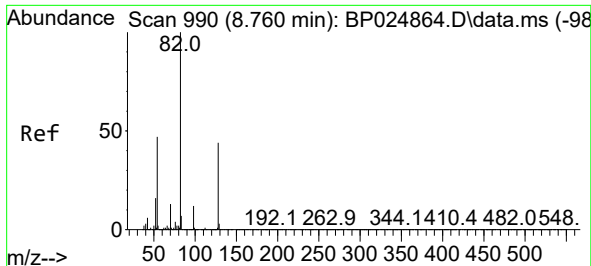
Tgt Ion:136 Resp: 1406524
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.3 6.1 9.1
68 6.0 4.6 7.0



#22
Acetophenone
Concen: 45.309 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:105 Resp: 1610106
Ion Ratio Lower Upper
105 100
71 2.9 1.6 2.4#
51 25.1 20.6 31.0
120 22.7 18.2 27.4

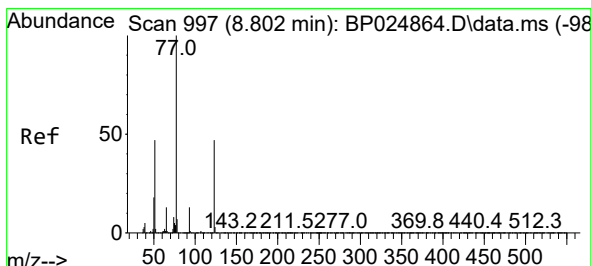
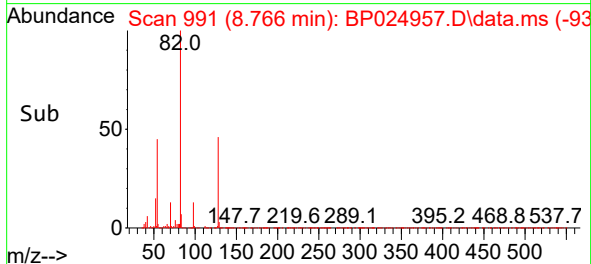
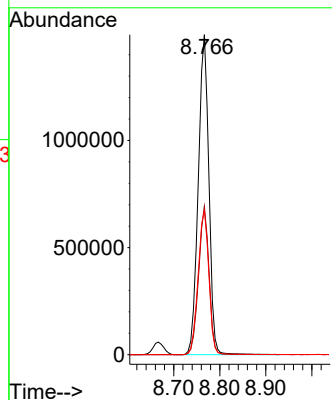
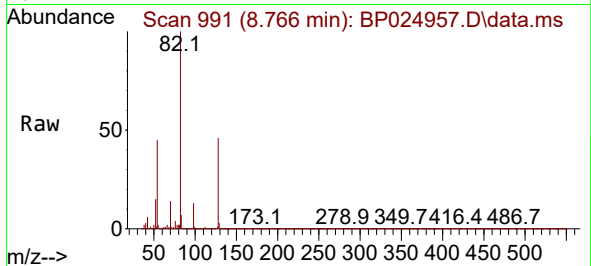




#23
Nitrobenzene-d5
Concen: 82.486 ng
RT: 8.766 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

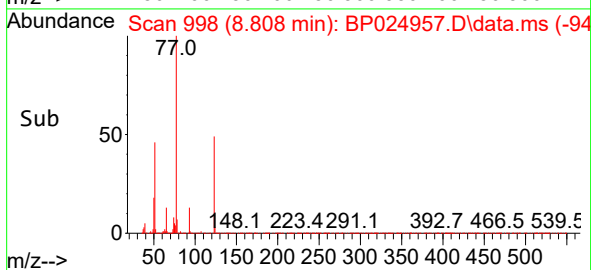
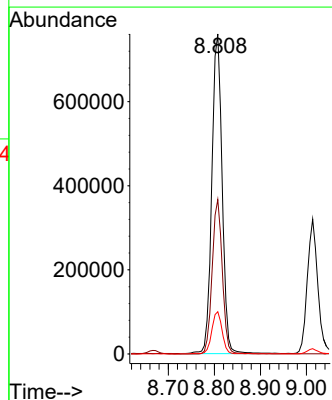
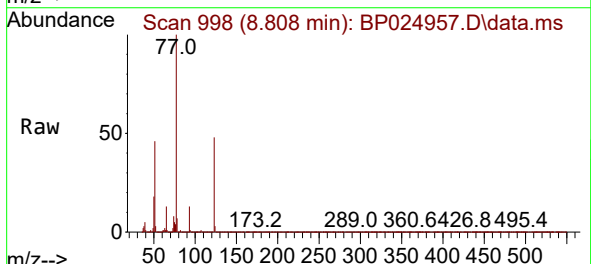
Instrument :
BNA_P
ClientSampleId :
PB168462BS

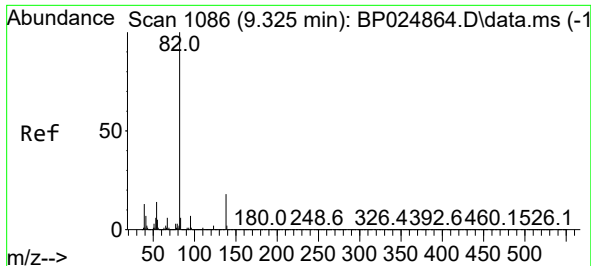
Tgt Ion: 82 Resp: 2387550
Ion Ratio Lower Upper
82 100
128 46.4 35.3 52.9
54 45.1 37.4 56.0



#24
Nitrobenzene
Concen: 46.092 ng
RT: 8.808 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion: 77 Resp: 1185230
Ion Ratio Lower Upper
77 100
123 48.3 37.3 55.9
65 13.2 10.8 16.2

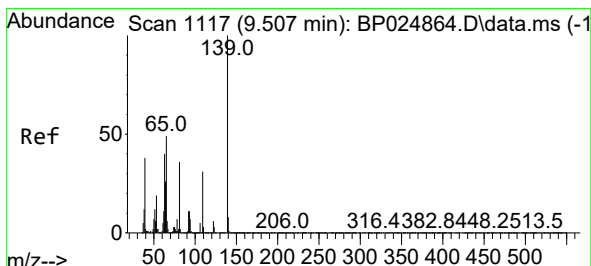
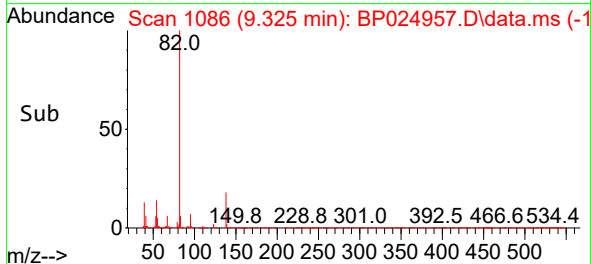
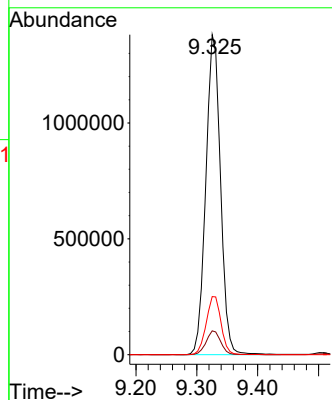
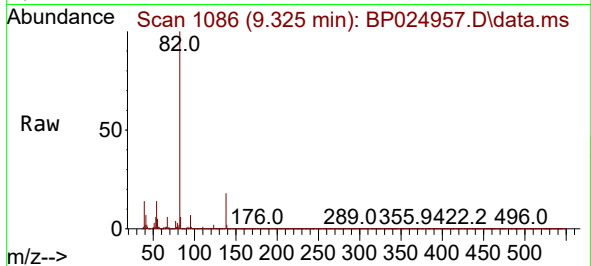




#25
Isophorone
Concen: 46.042 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

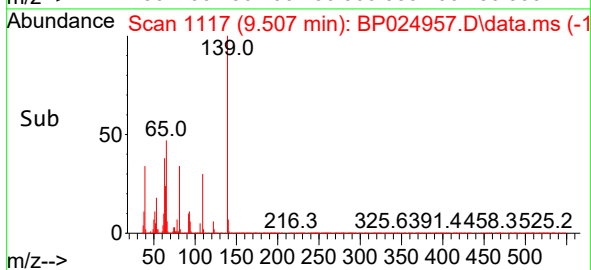
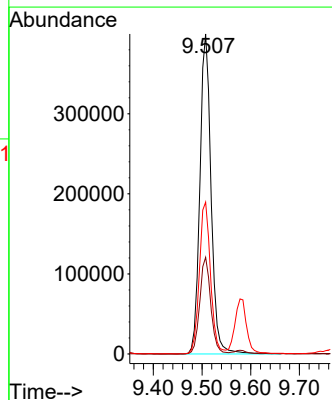
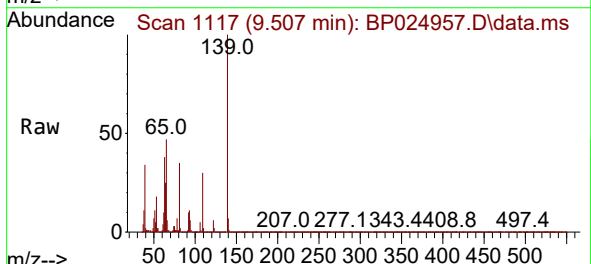
Instrument :
BNA_P
ClientSampleId :
PB168462BS

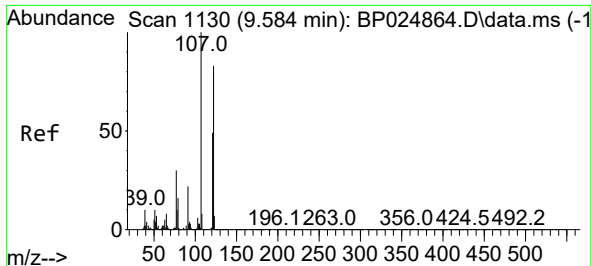
Tgt Ion: 82 Resp: 2309694
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 50.395 ng
RT: 9.507 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:139 Resp: 639389
Ion Ratio Lower Upper
139 100
109 30.2 24.6 37.0
65 47.4 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 51.481 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

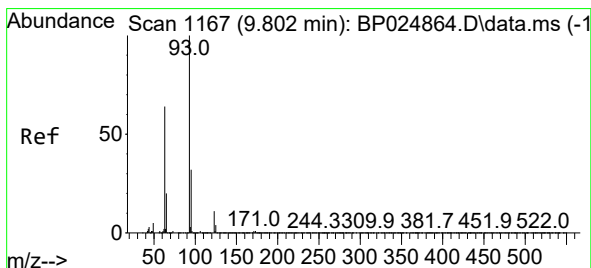
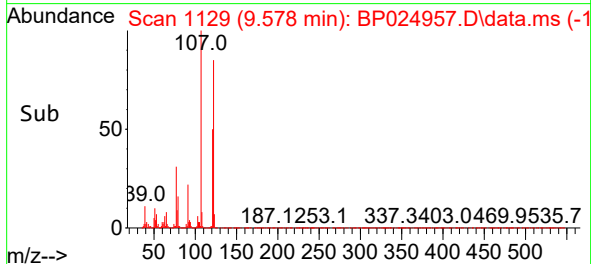
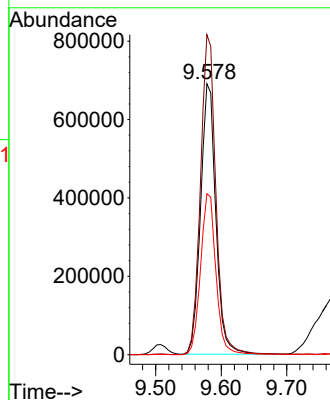
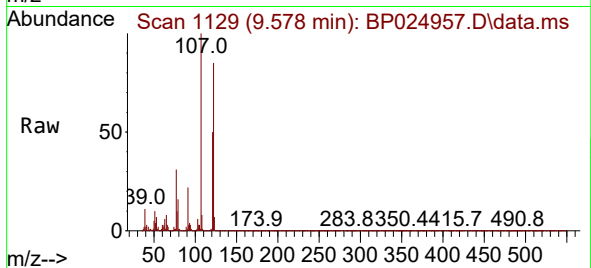
Tgt Ion:122 Resp: 1117861

Ion Ratio Lower Upper

122 100

107 118.1 96.2 144.4

121 59.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 47.784 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

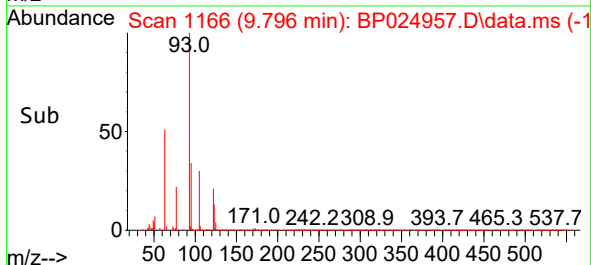
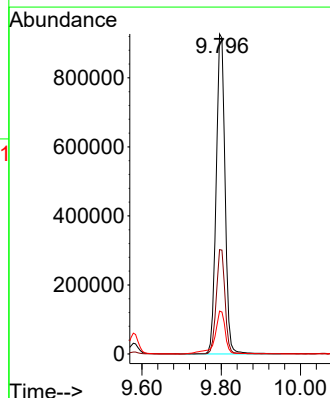
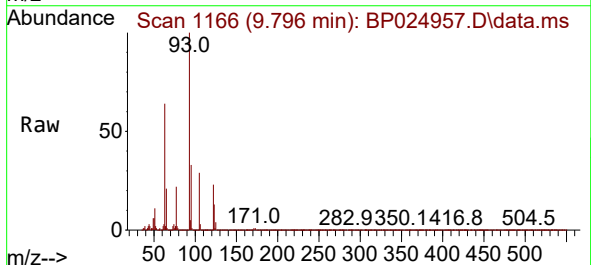
Tgt Ion: 93 Resp: 1429890

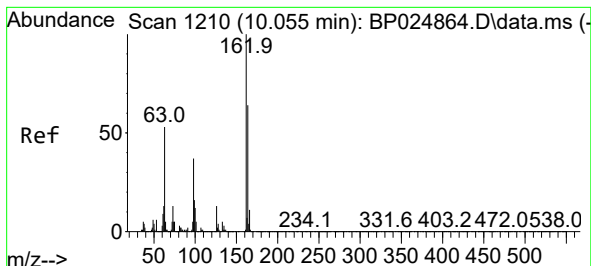
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 13.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.843 ng

RT: 10.055 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

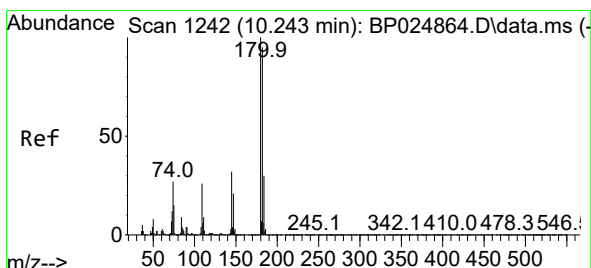
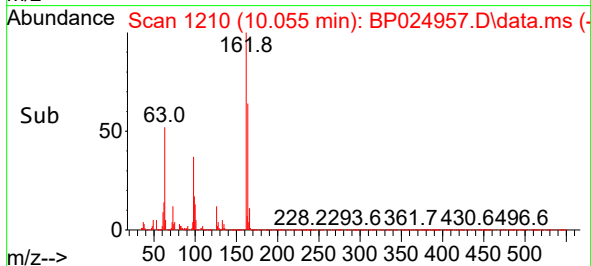
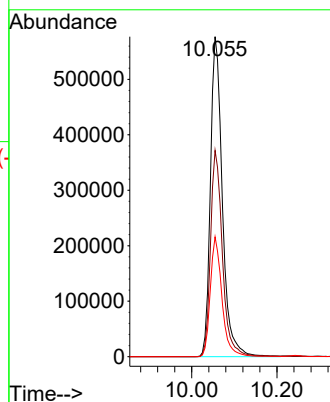
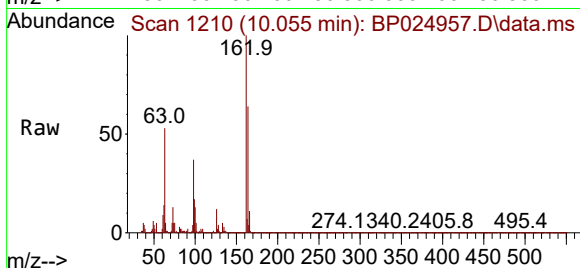
Tgt Ion:162 Resp: 1121807

Ion Ratio Lower Upper

162 100

164 64.5 44.0 84.0

98 37.5 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 45.258 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

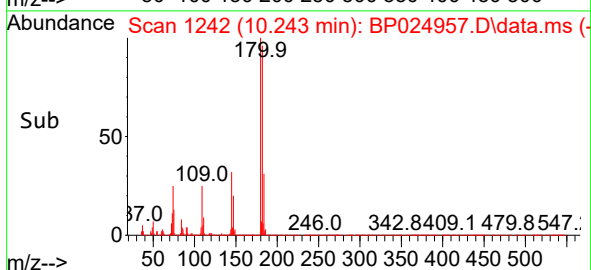
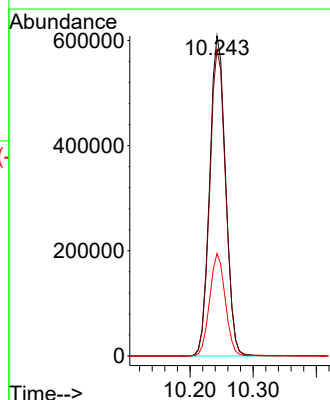
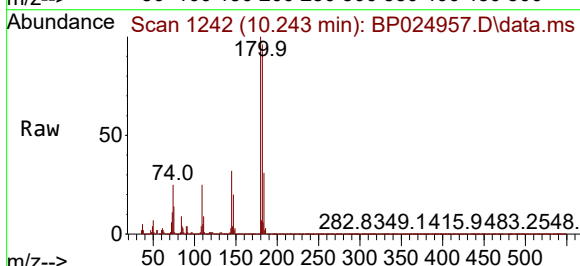
Tgt Ion:180 Resp: 1063532

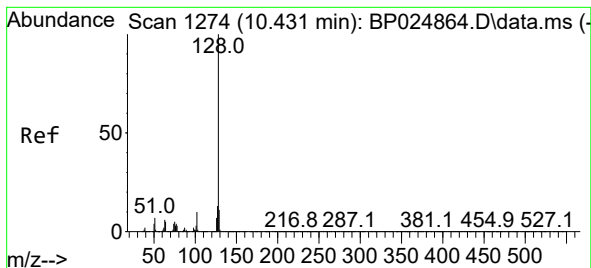
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

145 32.0 25.7 38.5

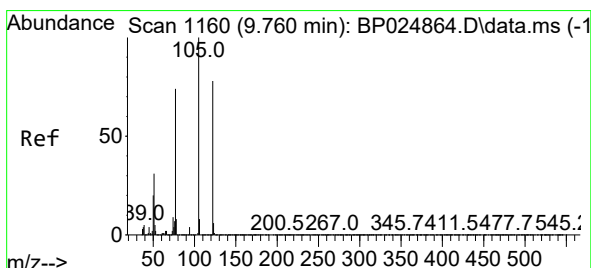
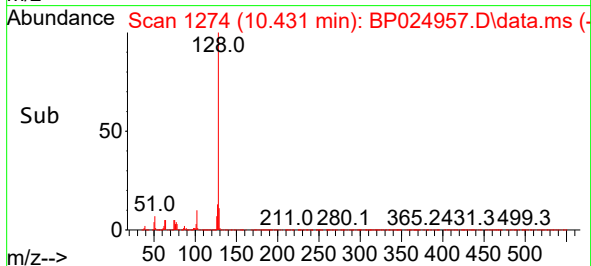
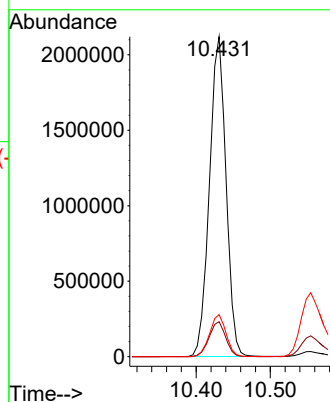
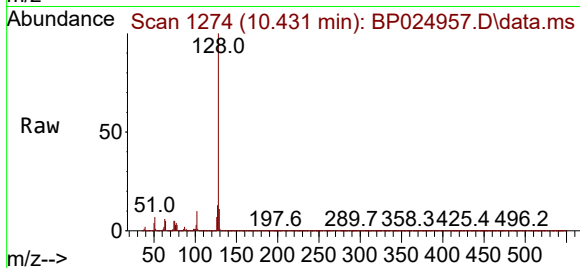




#31
Naphthalene
Concen: 45.716 ng
RT: 10.431 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

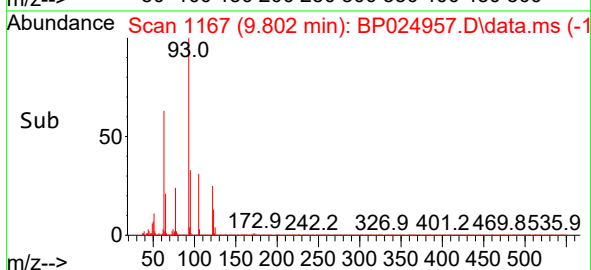
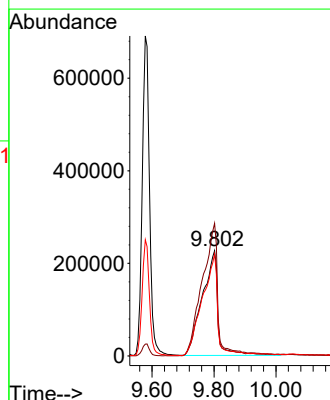
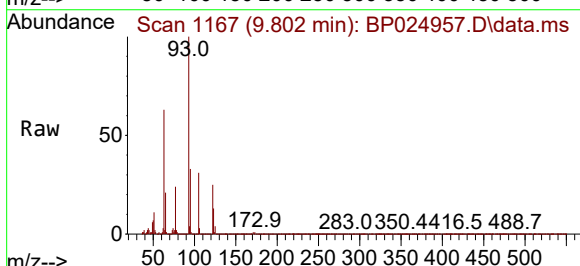
Instrument :
BNA_P
ClientSampleId :
PB168462BS

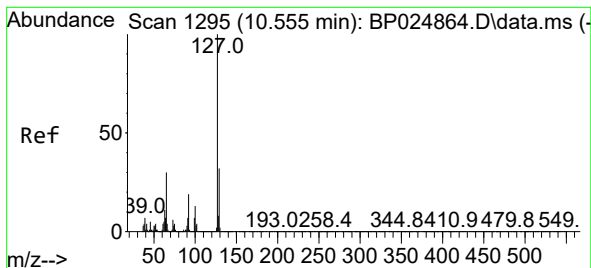
Tgt Ion:128 Resp: 3295176
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 54.760 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.041 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:122 Resp: 803521
Ion Ratio Lower Upper
122 100
105 126.0 107.1 147.1
77 97.0 75.1 115.1

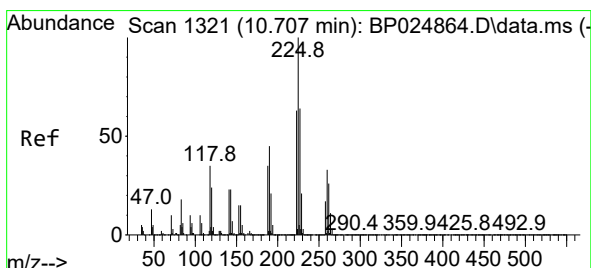
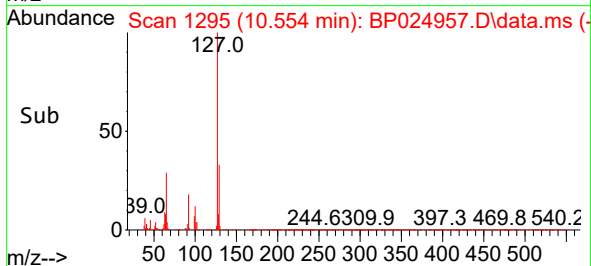
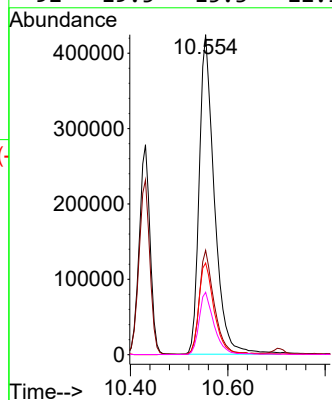
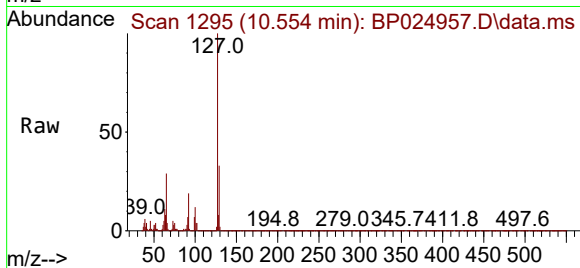




#33
4-Chloroaniline
Concen: 30.359 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

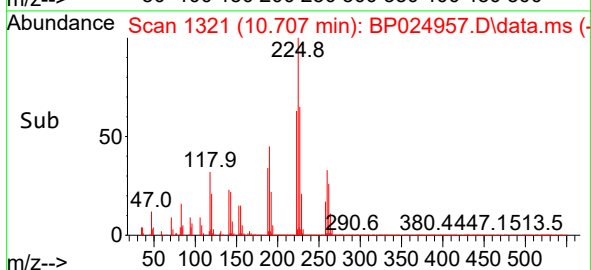
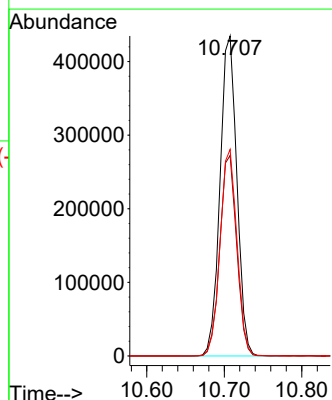
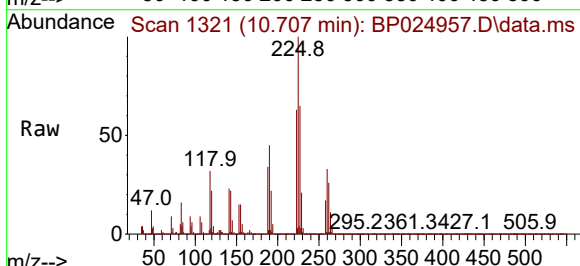
Instrument :
BNA_P
ClientSampleId :
PB168462BS

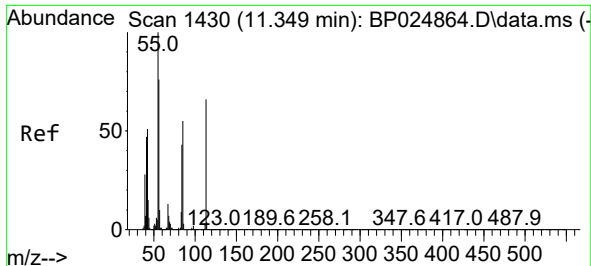
Tgt Ion:	127	Resp:	916796
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.6	23.9	35.9
92	19.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 46.300 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:	225	Resp:	655764
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.5	75.7
227	64.6	51.4	77.2

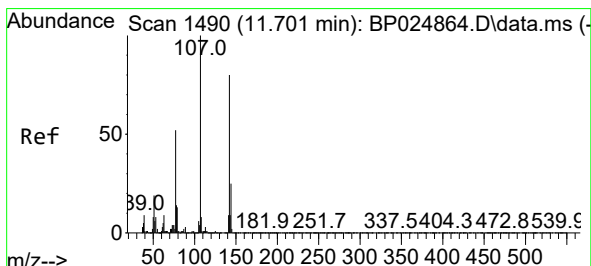
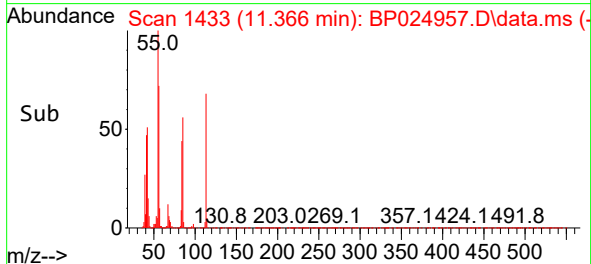
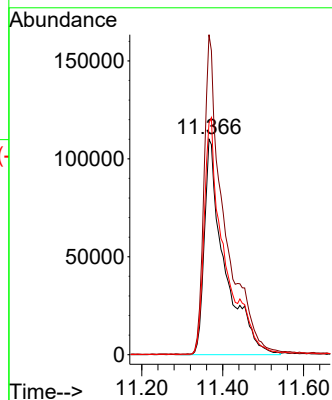
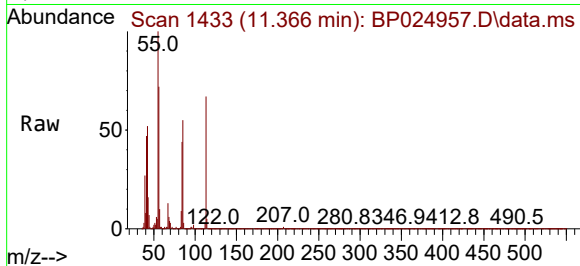




#35
Caprolactam
Concen: 49.807 ng m
RT: 11.366 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

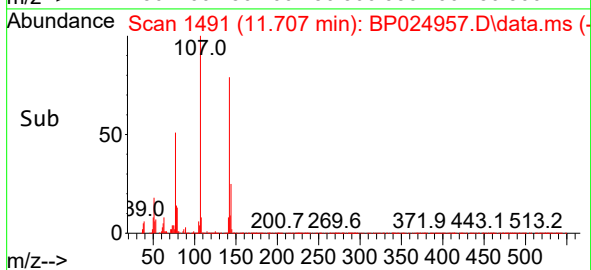
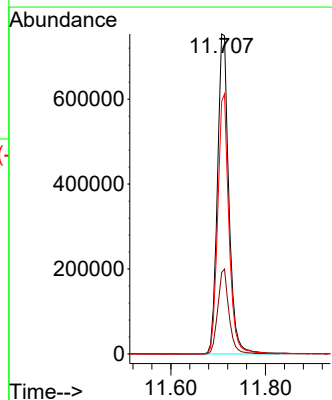
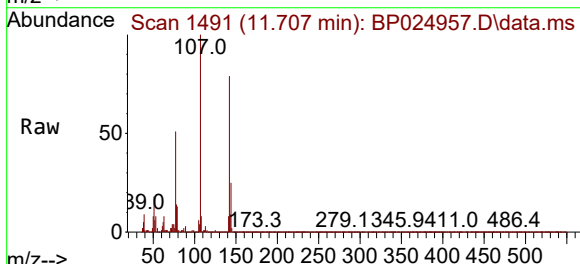
Instrument :
BNA_P
ClientSampleId :
PB168462BS

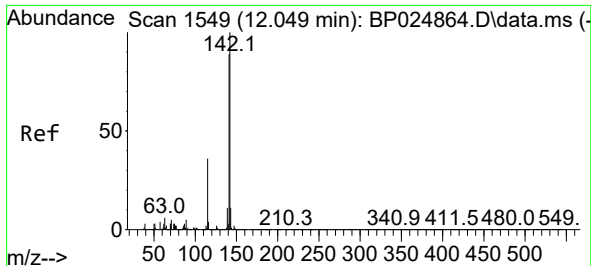
Tgt Ion:113 Resp: 381984
Ion Ratio Lower Upper
113 100
55 148.5 132.5 172.5
56 107.4 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 52.358 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:107 Resp: 1258232
Ion Ratio Lower Upper
107 100
144 25.5 20.4 30.6
142 78.9 63.8 95.6

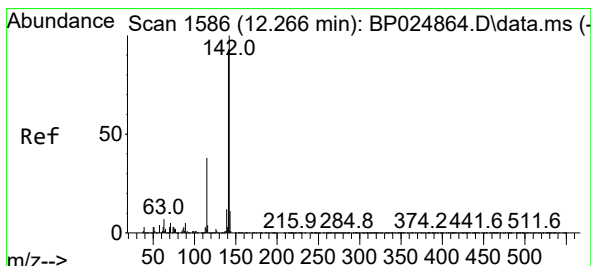
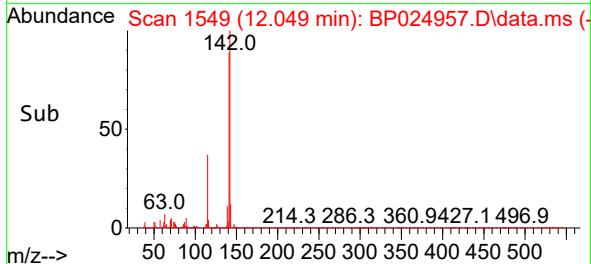
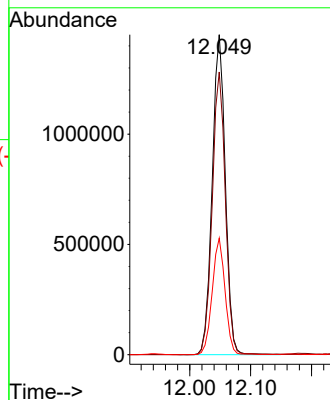
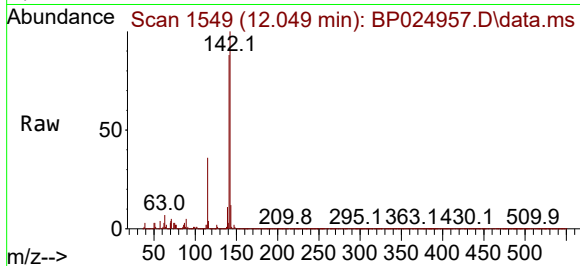




#37
2-Methylnaphthalene
Concen: 47.360 ng
RT: 12.049 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

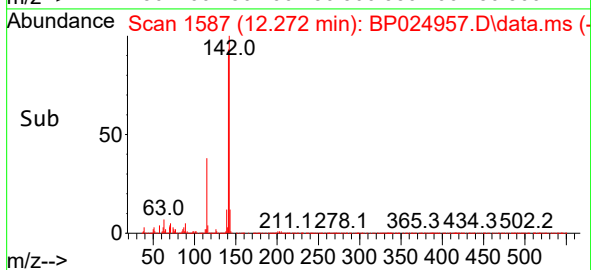
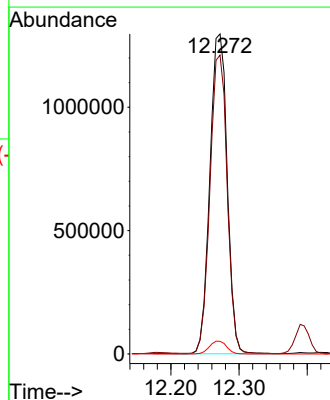
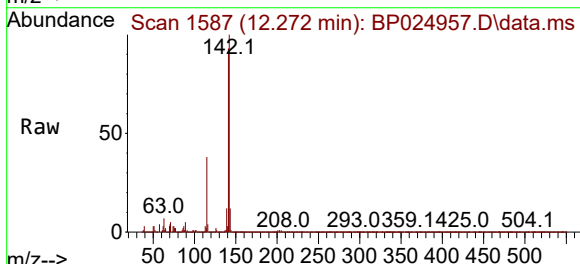
Instrument :
BNA_P
ClientSampleId :
PB168462BS

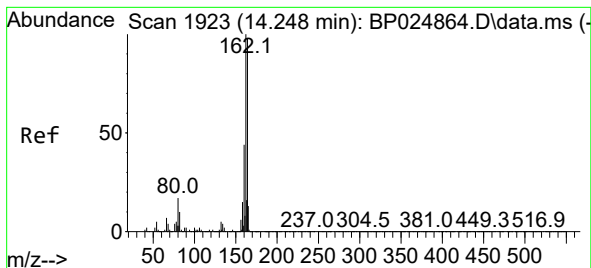
Tgt Ion:142 Resp: 2165387
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8
115 36.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.852 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:142 Resp: 2290204
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 3.9 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.260 min Scan# 1925

Delta R.T. 0.012 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

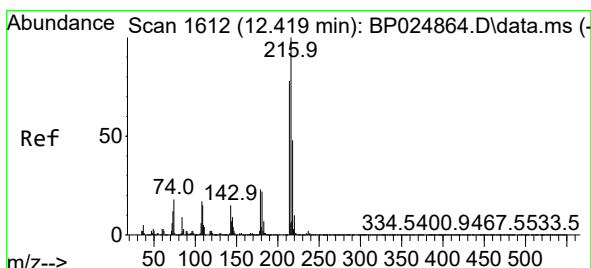
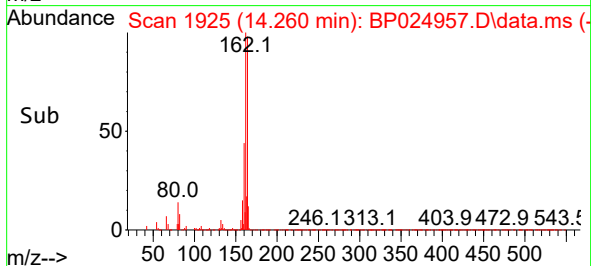
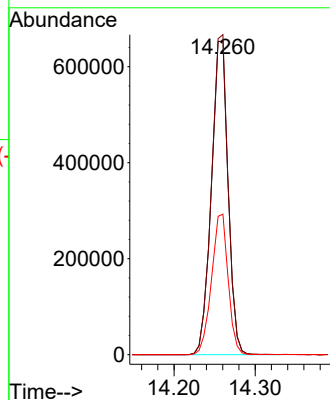
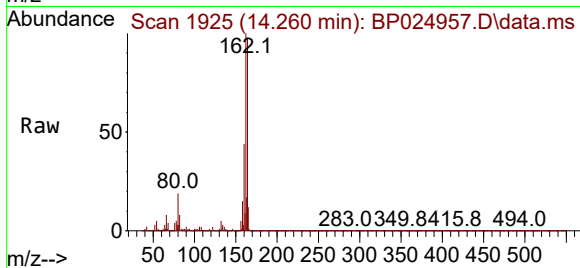
Tgt Ion:164 Resp: 932928

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

160 44.8 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.919 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Tgt Ion:216 Resp: 1215575

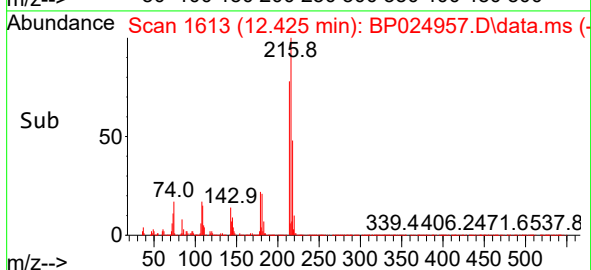
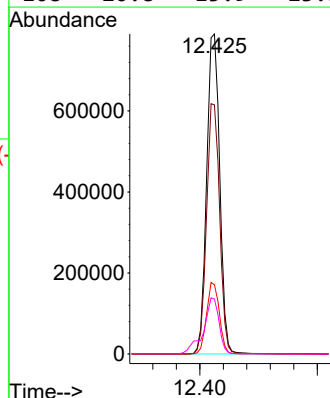
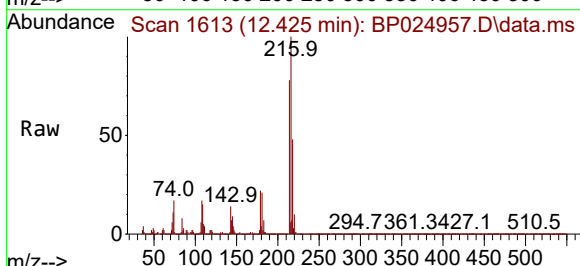
Ion Ratio Lower Upper

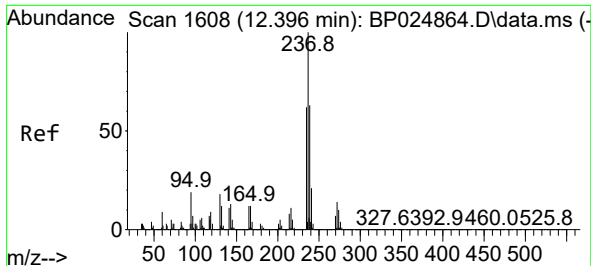
216 100

214 78.4 63.0 94.4

179 22.0 17.8 26.6

108 20.8 15.9 23.9

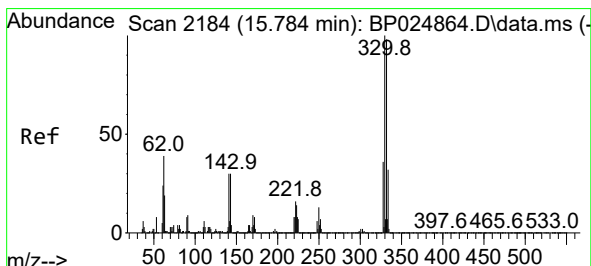
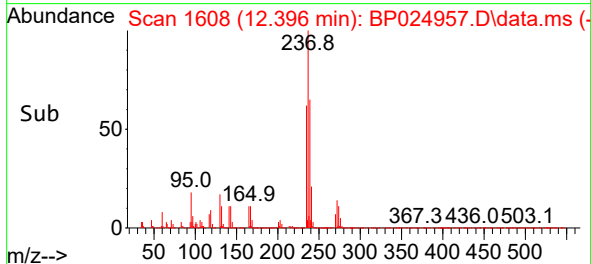
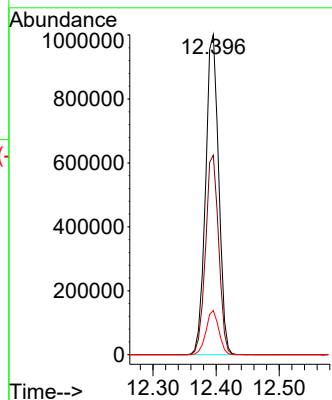
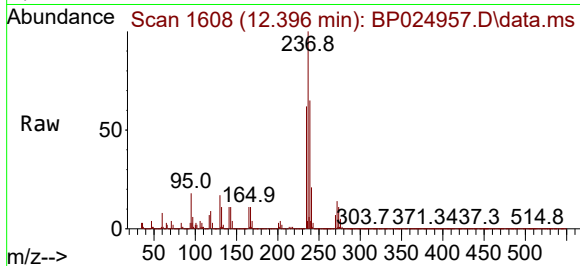




#41
Hexachlorocyclopentadiene
Concen: 89.353 ng
RT: 12.396 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

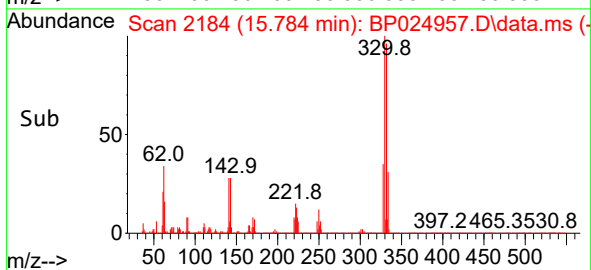
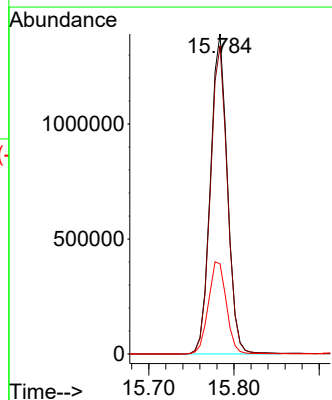
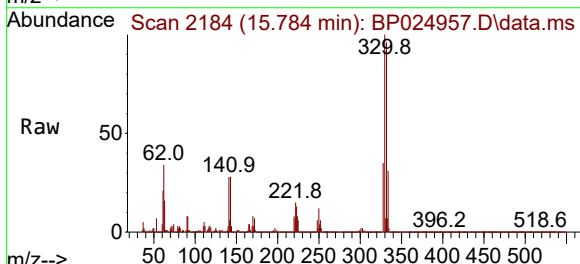
Instrument :
BNA_P
ClientSampleId :
PB168462BS

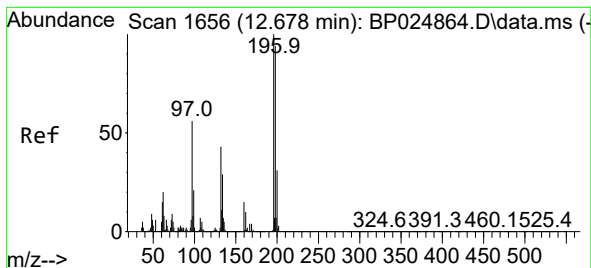
Tgt Ion:237 Resp: 1442725
Ion Ratio Lower Upper
237 100
235 62.4 41.9 81.9
272 13.8 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 149.091 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:330 Resp: 1923006
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 30.6 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 50.913 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

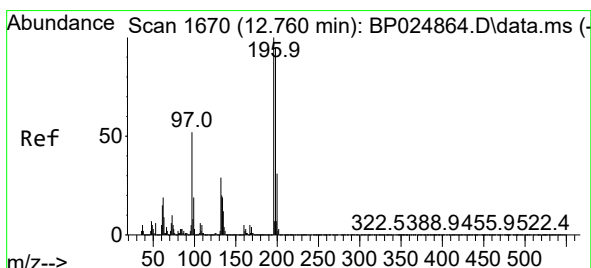
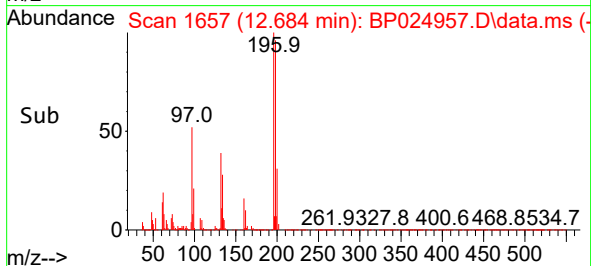
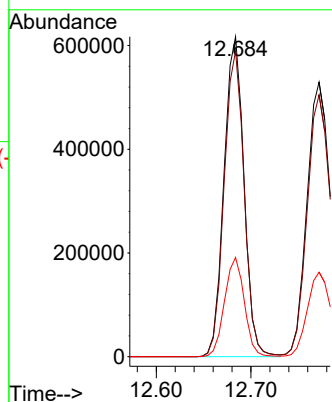
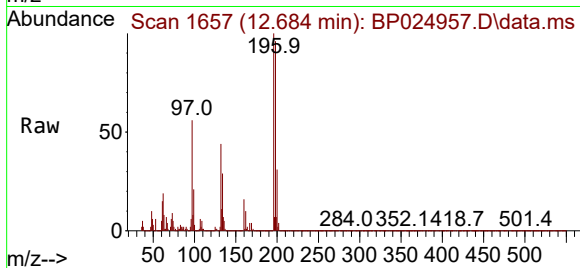
Tgt Ion:196 Resp: 905119

Ion Ratio Lower Upper

196 100

198 95.6 75.4 113.0

200 31.0 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 52.586 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Tgt Ion:196 Resp: 1001195

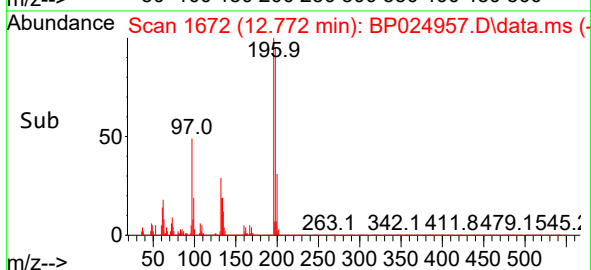
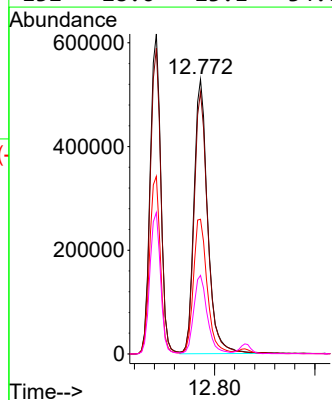
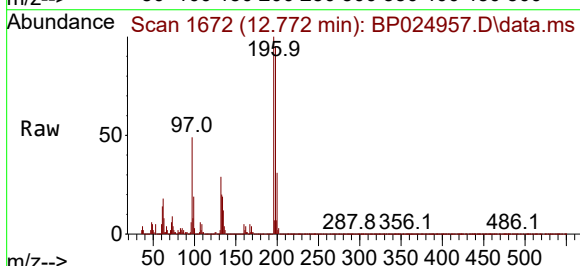
Ion Ratio Lower Upper

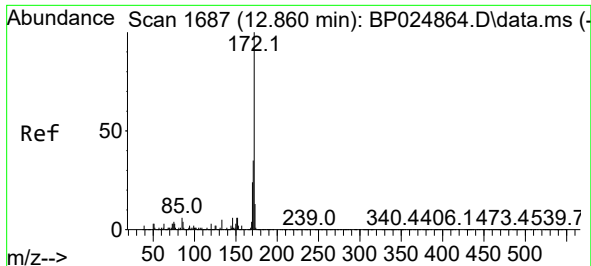
196 100

198 95.4 76.0 114.0

97 49.0 41.5 62.3

132 28.6 23.1 34.7

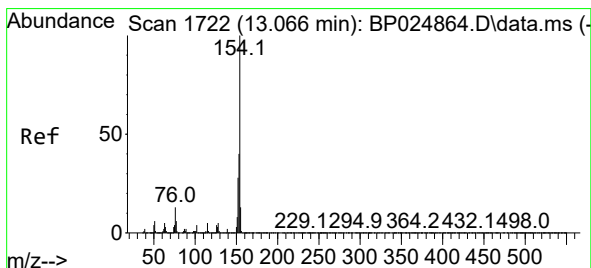
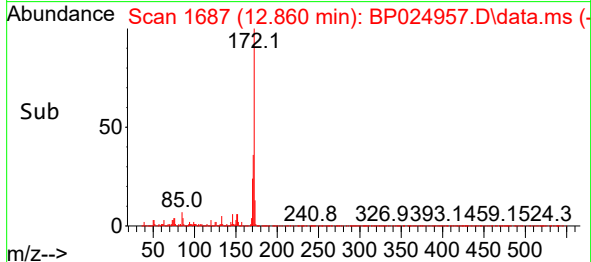
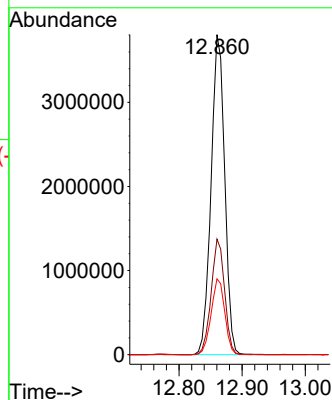
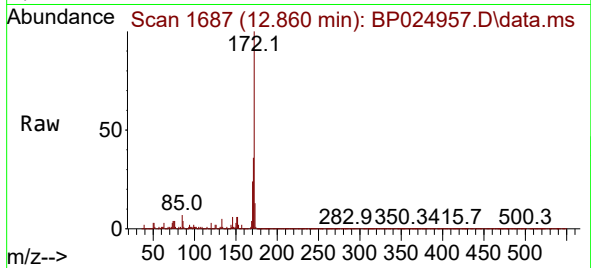




#45
2-Fluorobiphenyl
Concen: 82.414 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

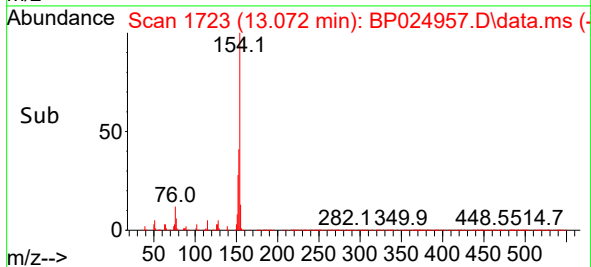
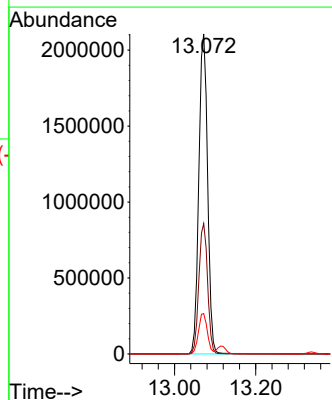
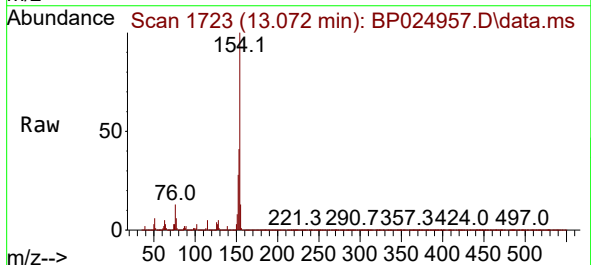
Instrument :
BNA_P
ClientSampleId :
PB168462BS

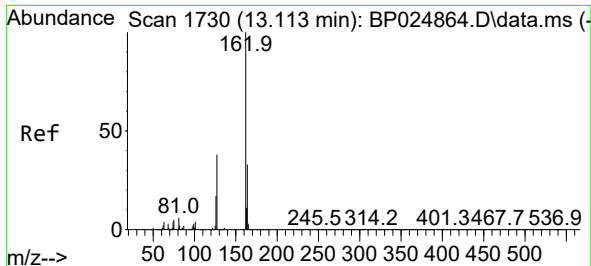
Tgt Ion:172 Resp: 5707446
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.920 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:154 Resp: 3181101
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 12.6 0.0 33.0





#47

2-Chloronaphthalene

Concen: 46.773 ng

RT: 13.119 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

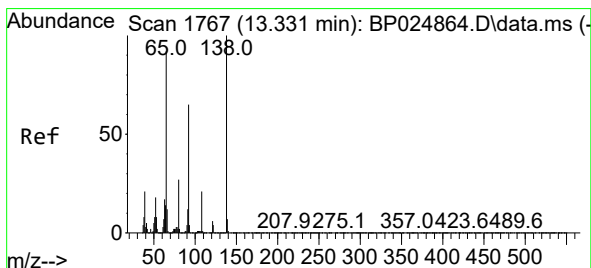
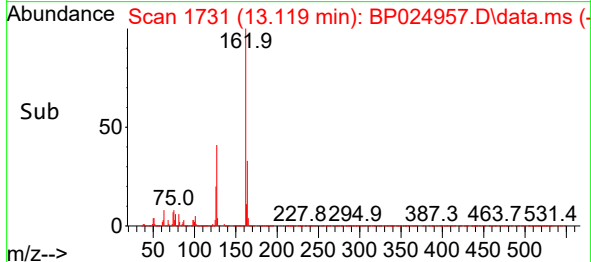
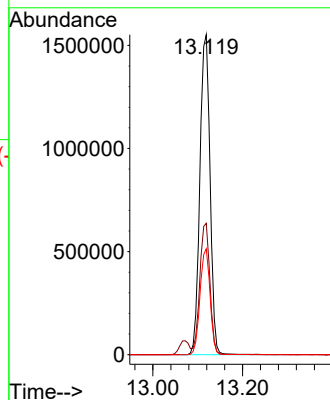
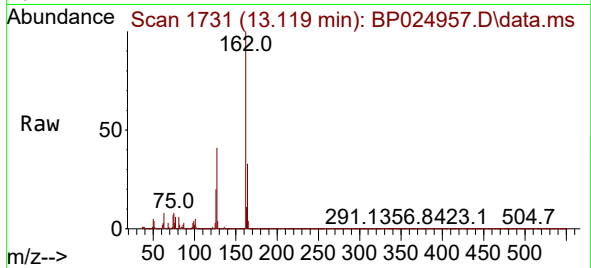
Tgt Ion:162 Resp: 2437258

Ion Ratio Lower Upper

162 100

127 41.1 32.5 48.7

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 48.691 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

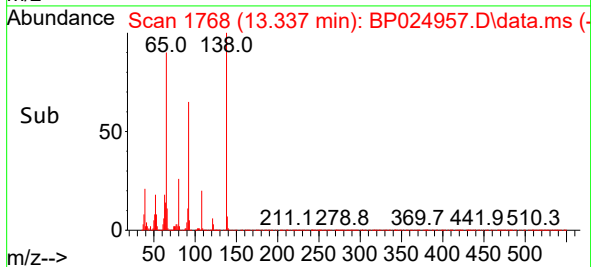
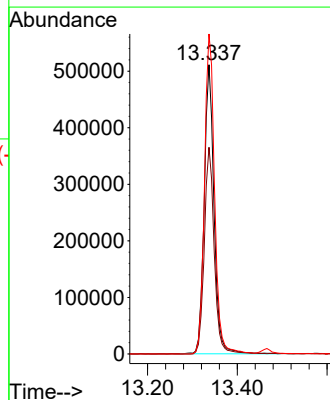
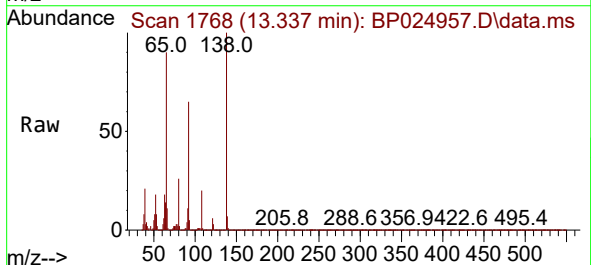
Tgt Ion: 65 Resp: 780023

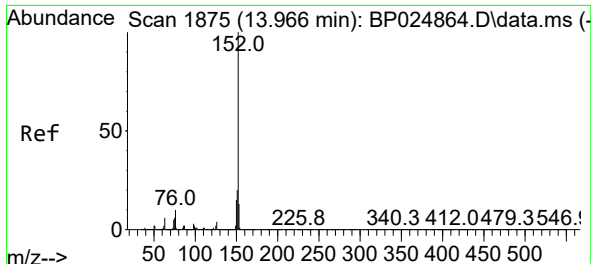
Ion Ratio Lower Upper

65 100

92 71.5 56.8 85.2

138 110.6 86.9 130.3

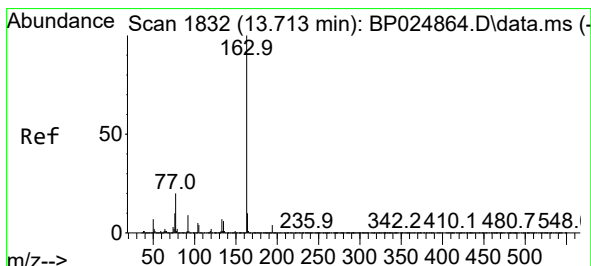
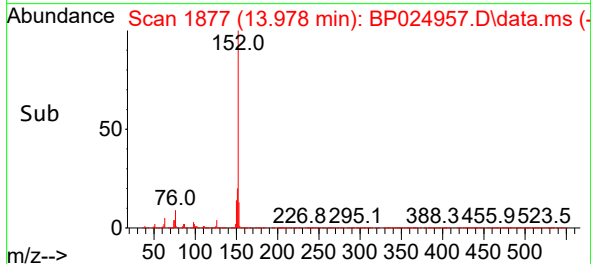
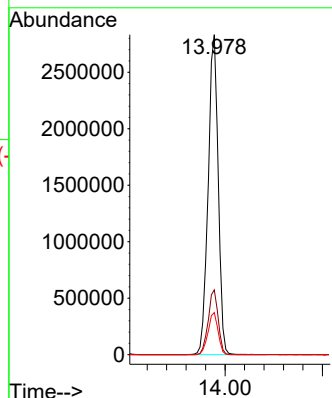
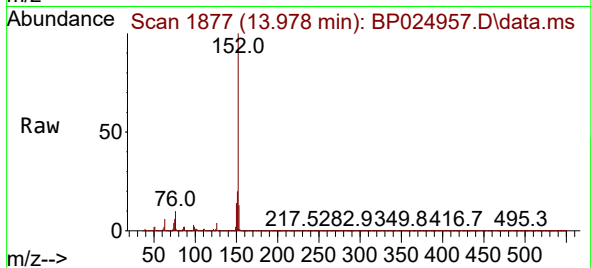




#49
Acenaphthylene
Concen: 46.454 ng
RT: 13.978 min Scan# 1877
Delta R.T. 0.012 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

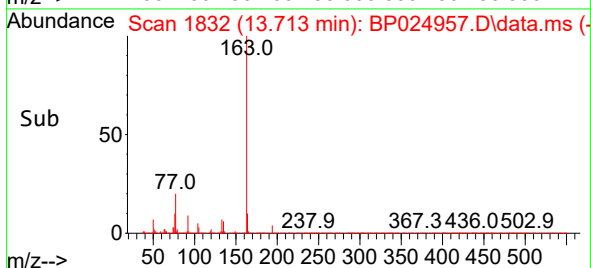
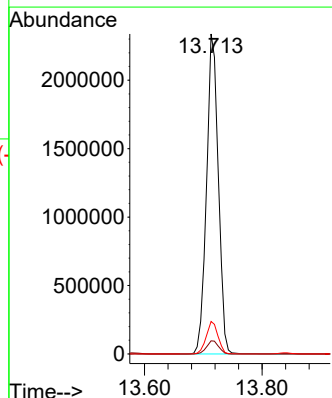
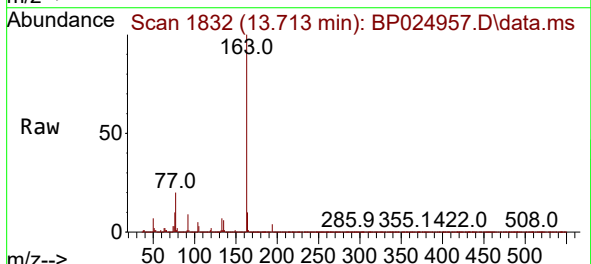
Instrument :
BNA_P
ClientSampleId :
PB168462BS

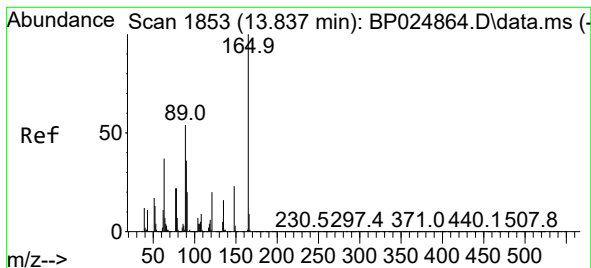
Tgt Ion:152 Resp: 4036068
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 47.156 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:163 Resp: 3245281
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.0 12.0

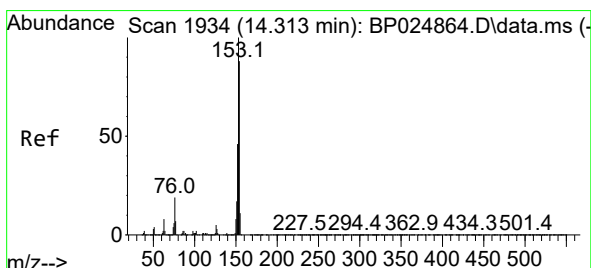
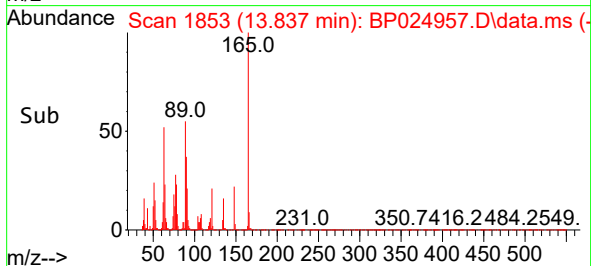
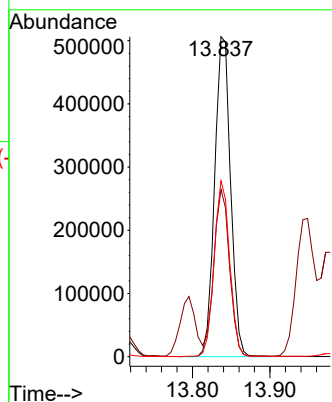
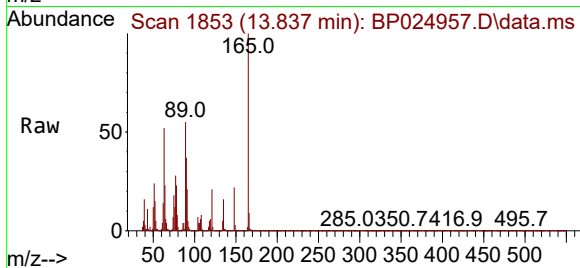




#51
2,6-Dinitrotoluene
Concen: 49.023 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

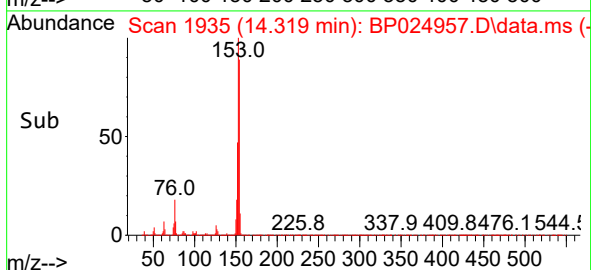
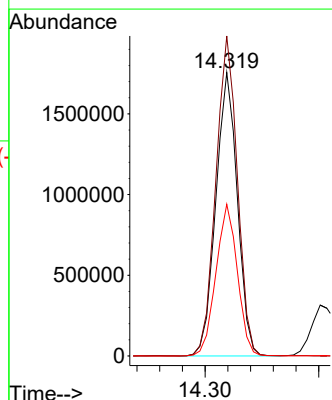
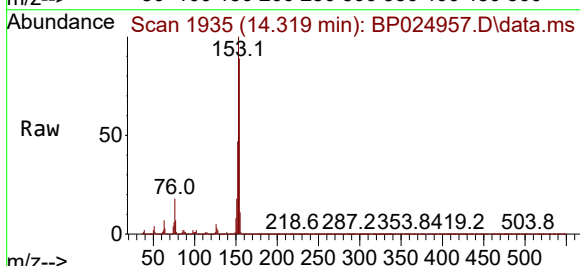
Instrument :
BNA_P
ClientSampleId :
PB168462BS

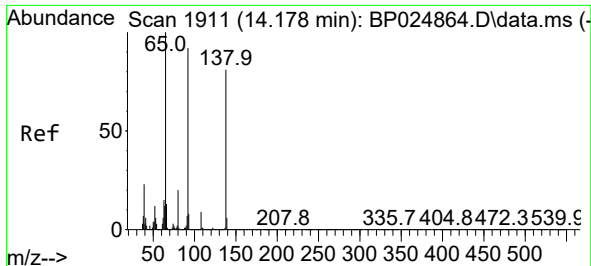
Tgt Ion:165 Resp: 727312
Ion Ratio Lower Upper
165 100
63 52.2 41.8 62.8
89 54.9 43.1 64.7



#52
Acenaphthene
Concen: 46.416 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:154 Resp: 2310916
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 53.5 42.1 63.1

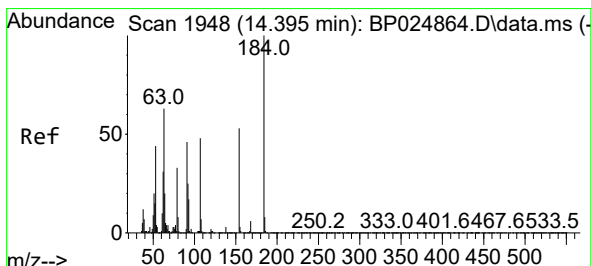
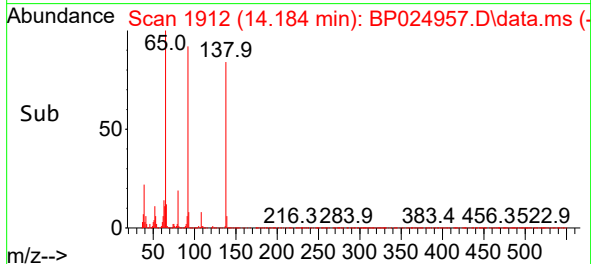
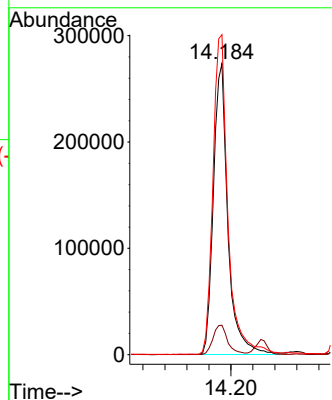
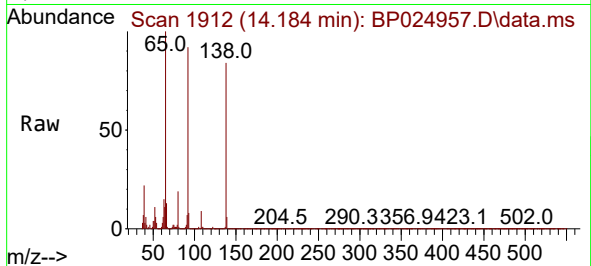




#53
3-Nitroaniline
Concen: 32.517 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

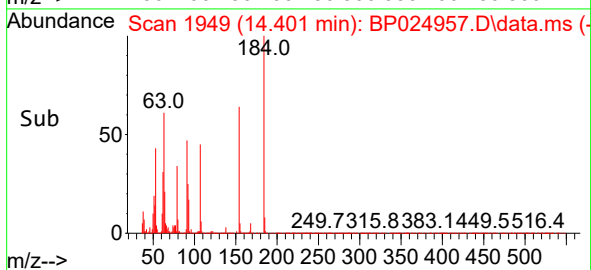
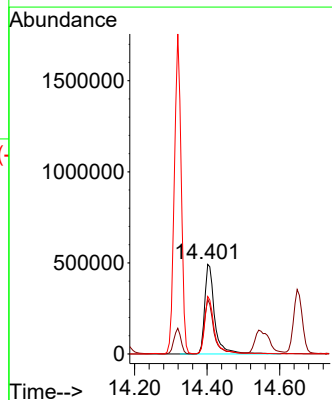
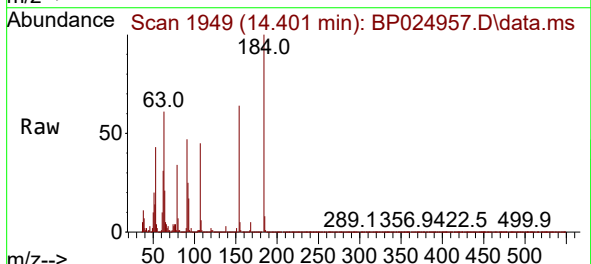
Instrument :
BNA_P
ClientSampleId :
PB168462BS

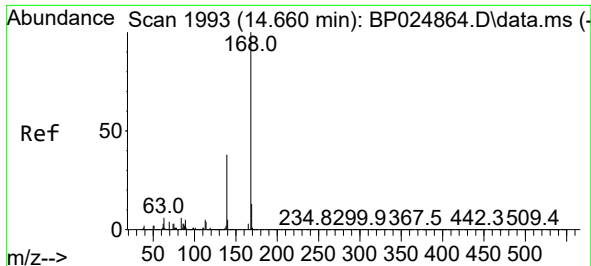
Tgt Ion:138 Resp: 500646
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 109.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 95.791 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:184 Resp: 936821
Ion Ratio Lower Upper
184 100
63 61.0 51.0 76.4
154 64.2 51.7 77.5

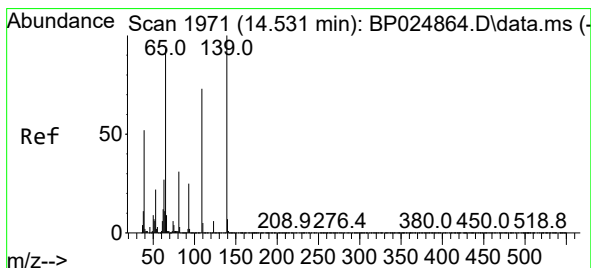
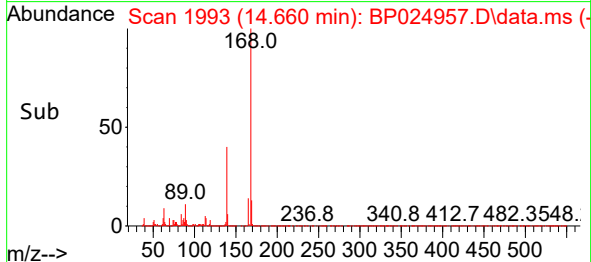
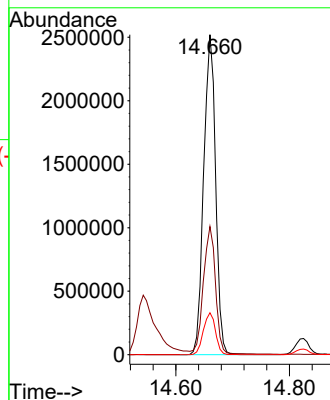
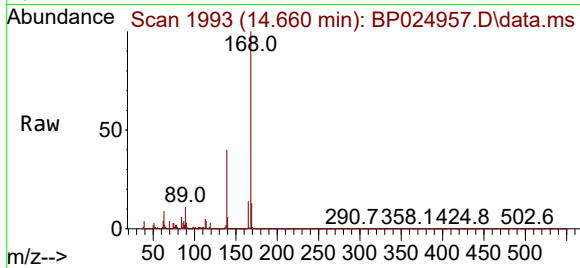




#55
Dibenzofuran
Concen: 45.788 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

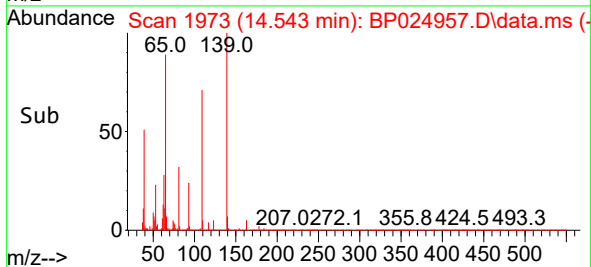
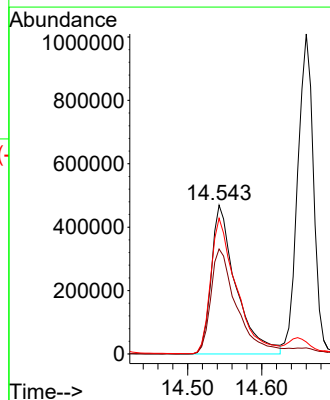
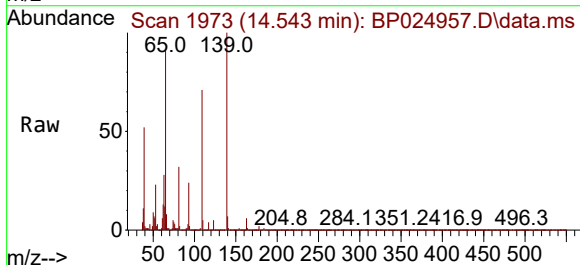
Instrument :
BNA_P
ClientSampleId :
PB168462BS

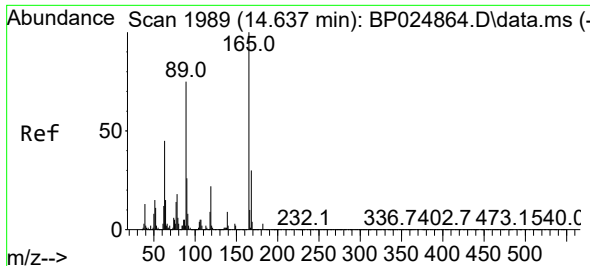
Tgt Ion:168 Resp: 3659229
Ion Ratio Lower Upper
168 100
139 40.1 31.6 47.4
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 82.972 ng
RT: 14.543 min Scan# 1973
Delta R.T. 0.011 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:139 Resp: 1084311
Ion Ratio Lower Upper
139 100
109 70.5 53.1 93.1
65 91.2 73.0 113.0

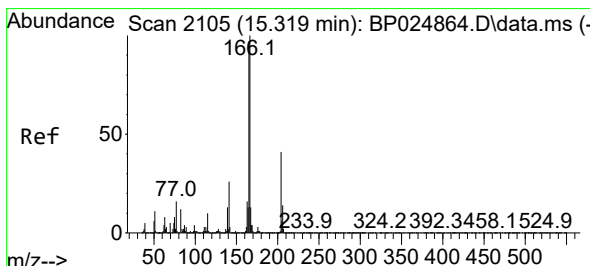
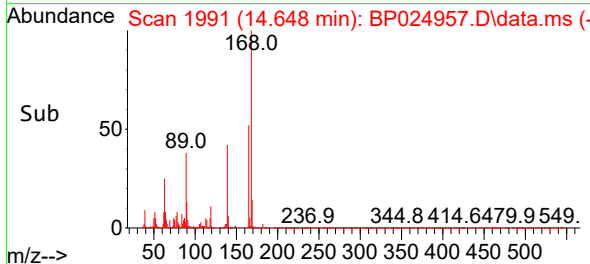
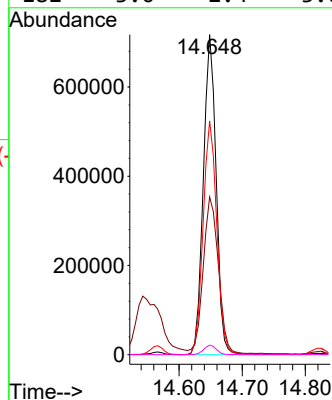
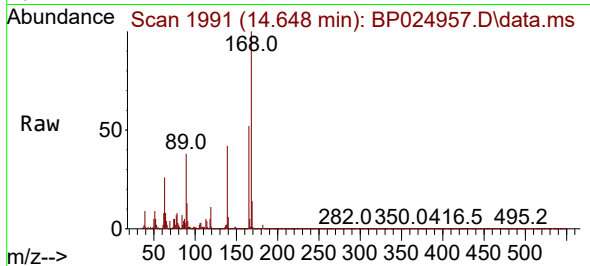




#57
2,4-Dinitrotoluene
Concen: 48.687 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

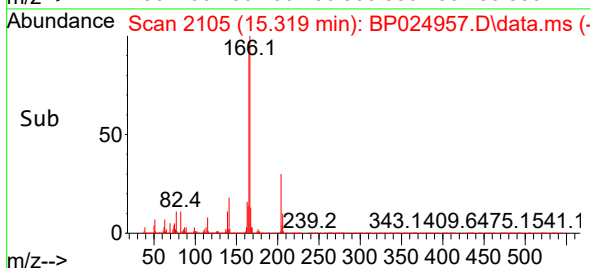
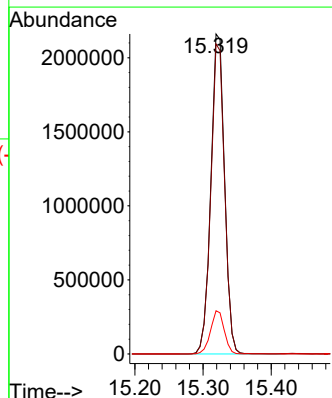
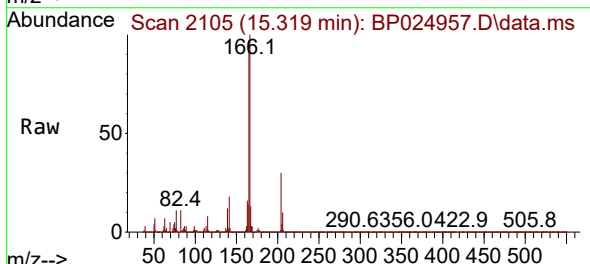
Instrument :
BNA_P
ClientSampleId :
PB168462BS

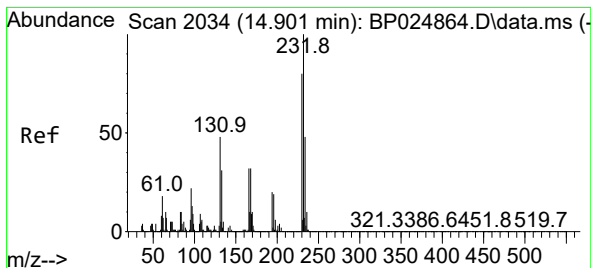
Tgt Ion:165 Resp: 1010420
Ion Ratio Lower Upper
165 100
63 49.3 37.0 55.6
89 73.0 60.1 90.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 46.840 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:166 Resp: 3023924
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.5 10.6 16.0

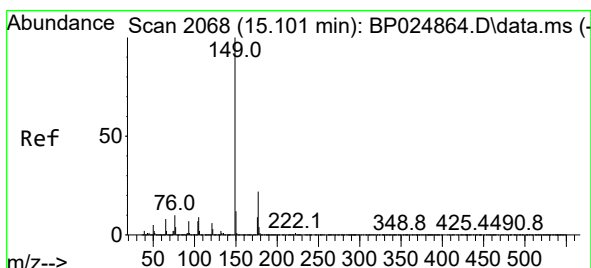
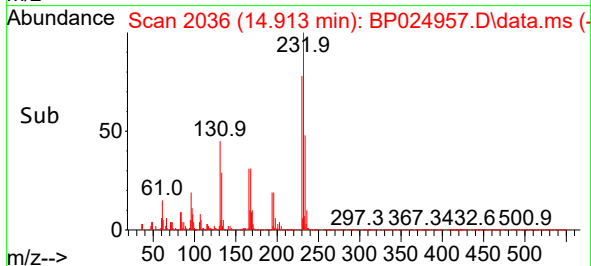
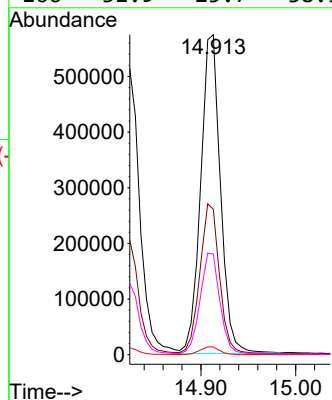
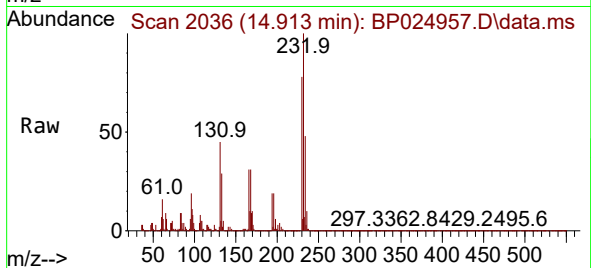




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.923 ng
RT: 14.913 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

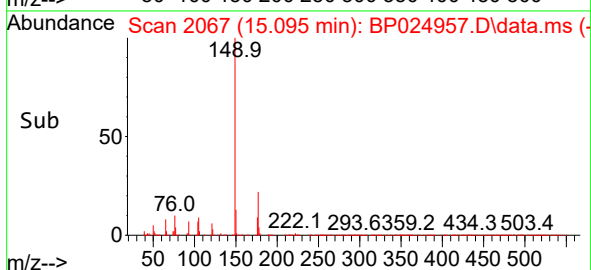
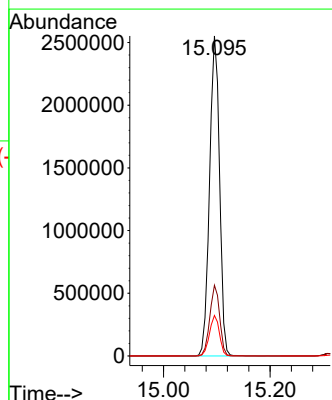
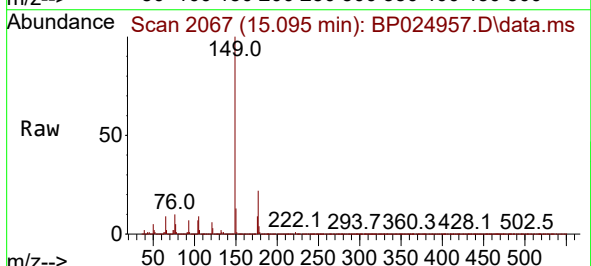
Instrument :
BNA_P
ClientSampleId :
PB168462BS

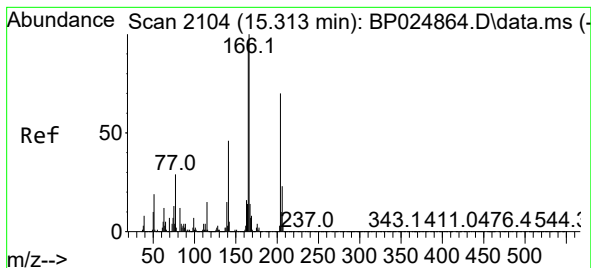
Tgt Ion:232 Resp: 832225
Ion Ratio Lower Upper
232 100
131 47.0 38.2 57.2
130 2.5 2.1 3.1
166 31.9 25.7 38.5



#60
Diethylphthalate
Concen: 48.208 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:149 Resp: 3306465
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.7 9.8 14.6

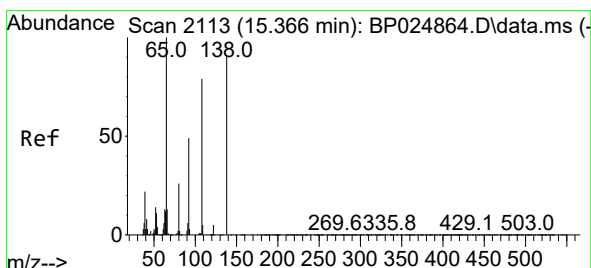
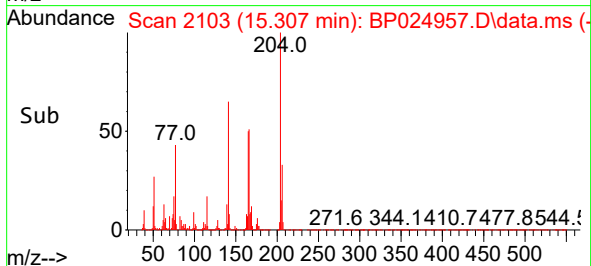
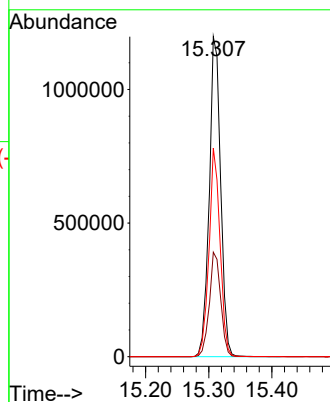
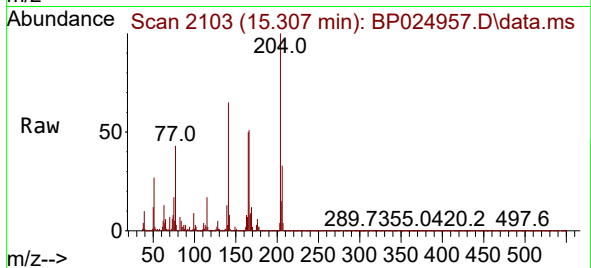




#61
4-Chlorophenyl-phenylether
Concen: 47.655 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

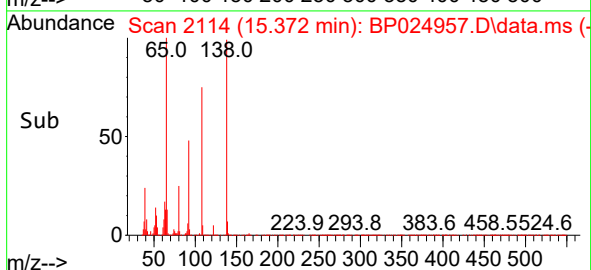
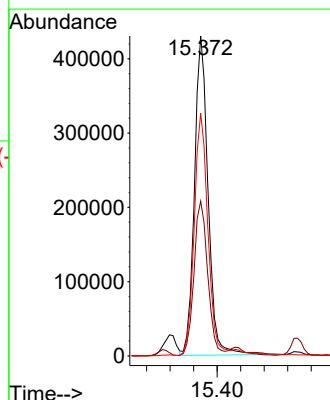
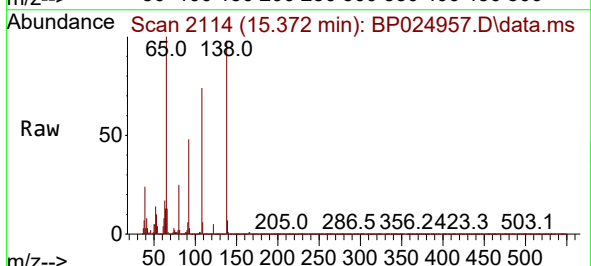
Instrument :
BNA_P
ClientSampleId :
PB168462BS

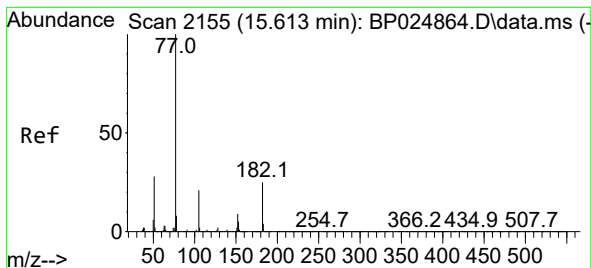
Tgt Ion:204 Resp: 1504292
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 65.2 52.4 78.6



#62
4-Nitroaniline
Concen: 49.617 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:138 Resp: 692666
Ion Ratio Lower Upper
138 100
92 48.4 33.5 73.5
108 75.9 65.1 105.1





#63

Azobenzene

Concen: 47.156 ng

RT: 15.613 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

Tgt Ion: 77 Resp: 2966292

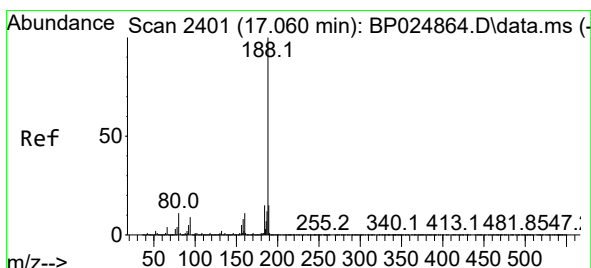
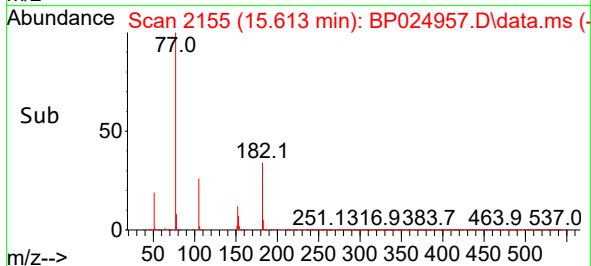
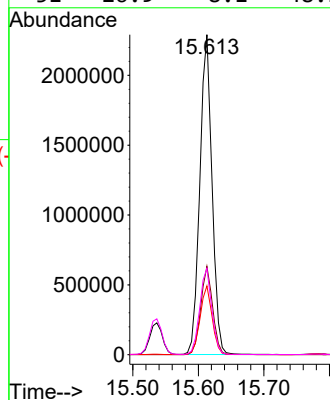
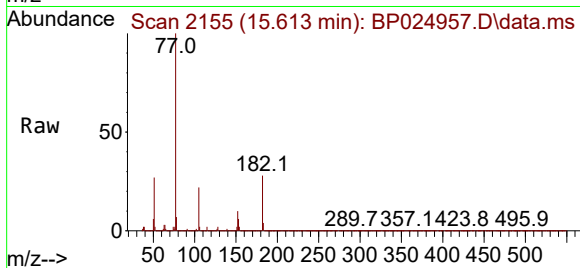
Ion Ratio Lower Upper

77 100

182 27.6 5.4 45.4

105 21.5 0.8 40.8

51 26.9 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

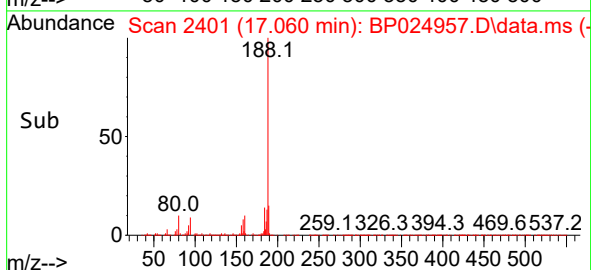
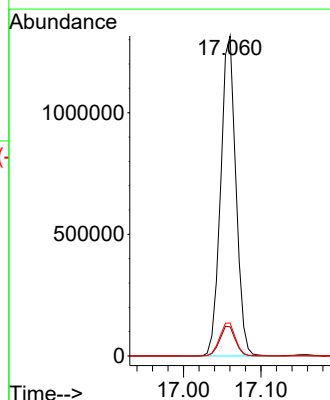
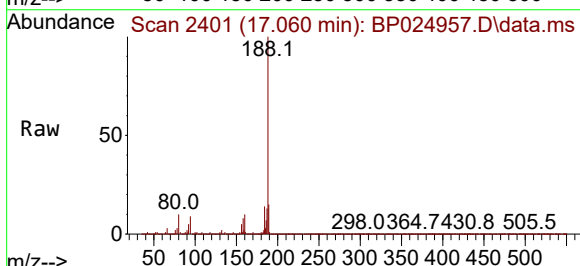
Tgt Ion:188 Resp: 1797221

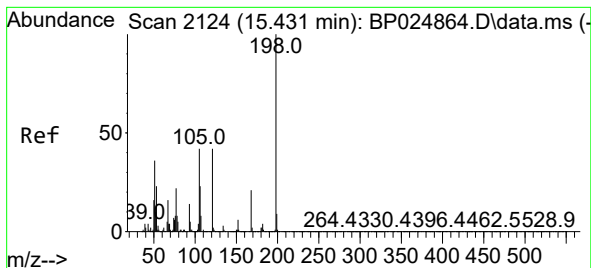
Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 10.3 8.5 12.7

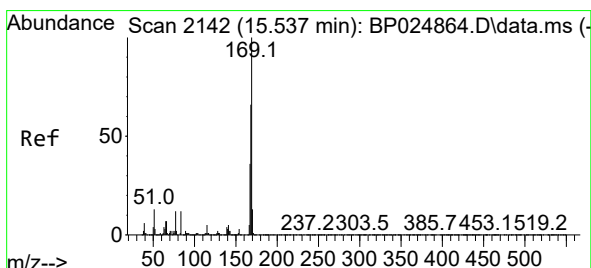
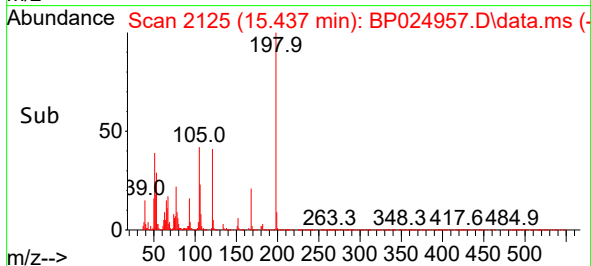
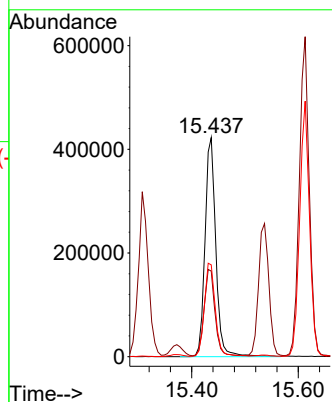
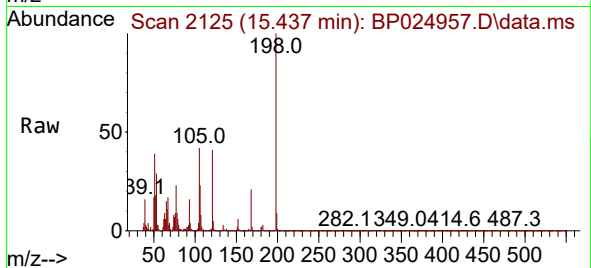




#65
4,6-Dinitro-2-methylphenol
Concen: 50.298 ng
RT: 15.437 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

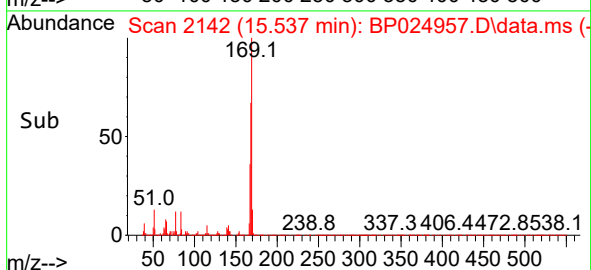
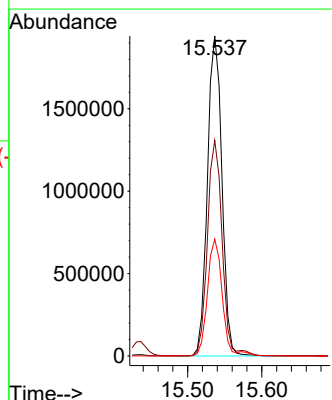
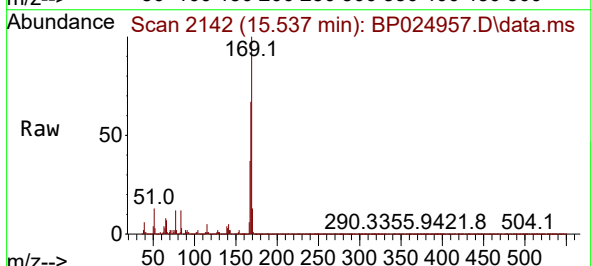
Instrument :
BNA_P
ClientSampleId :
PB168462BS

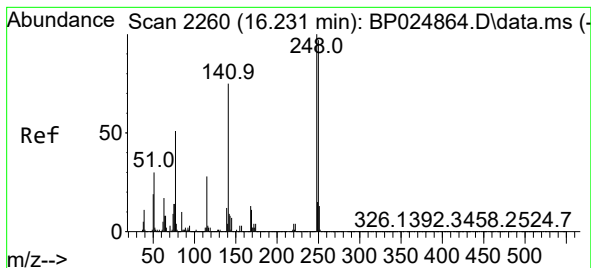
Tgt Ion:198 Resp: 593989
Ion Ratio Lower Upper
198 100
51 39.1 19.2 59.2
105 42.0 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 47.329 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:169 Resp: 2636477
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 36.5 28.6 43.0

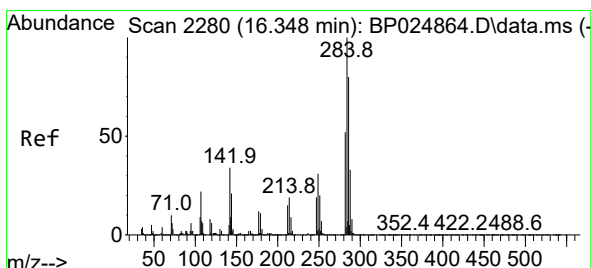
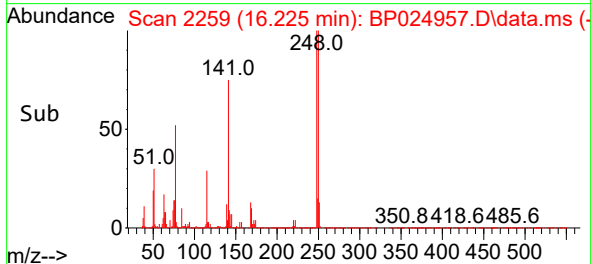
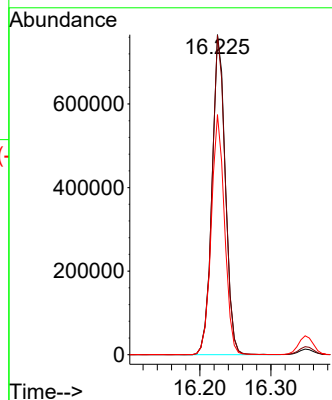
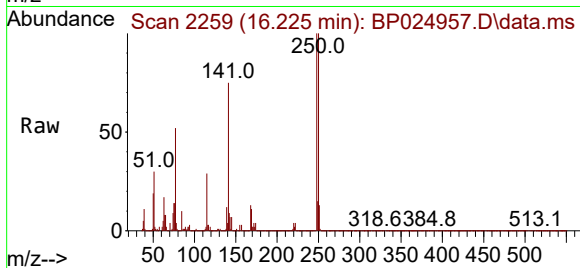




#67
4-Bromophenyl-phenylether
Concen: 49.165 ng
RT: 16.225 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

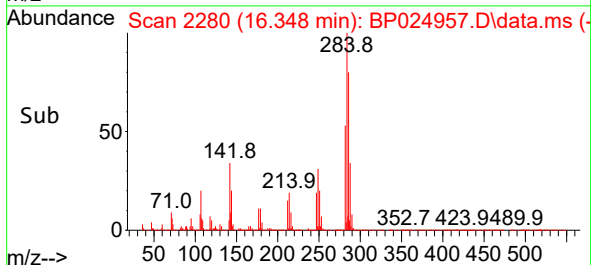
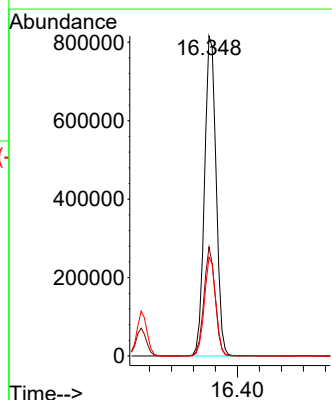
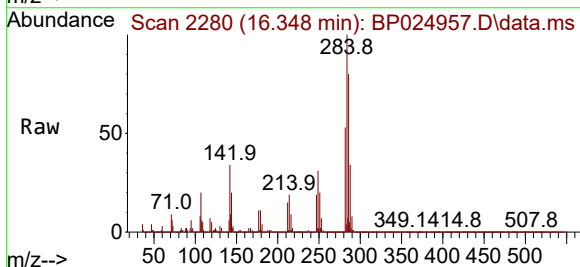
Instrument :
BNA_P
ClientSampleId :
PB168462BS

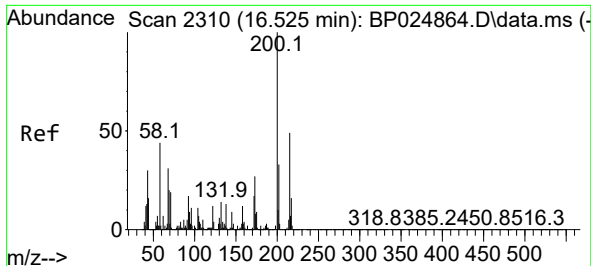
Tgt Ion:248 Resp: 996999
Ion Ratio Lower Upper
248 100
250 99.8 77.4 116.2
141 75.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 48.472 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:284 Resp: 1191608
Ion Ratio Lower Upper
284 100
142 34.1 27.0 40.6
249 30.8 25.0 37.6

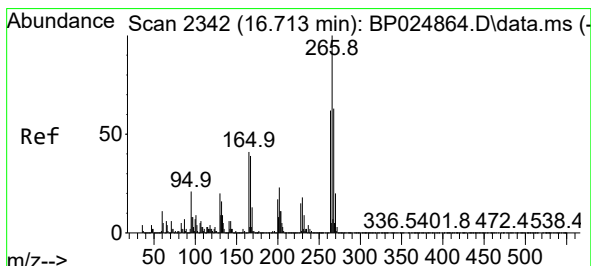
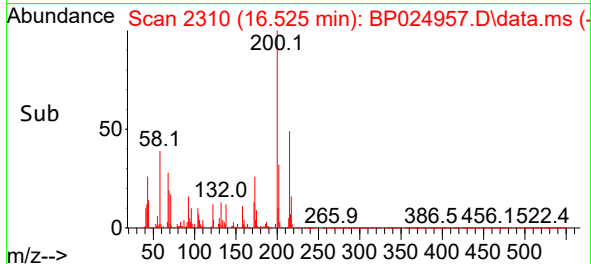
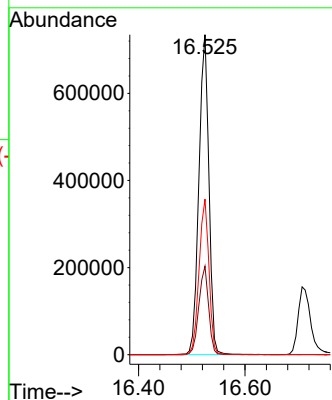
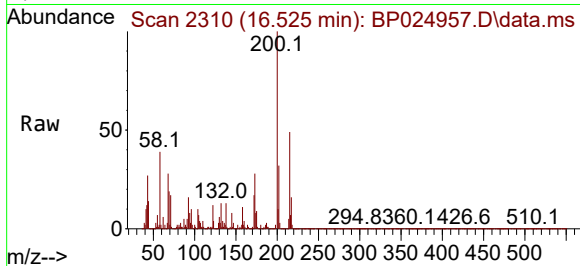




#69
Atrazine
Concen: 47.416 ng
RT: 16.525 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

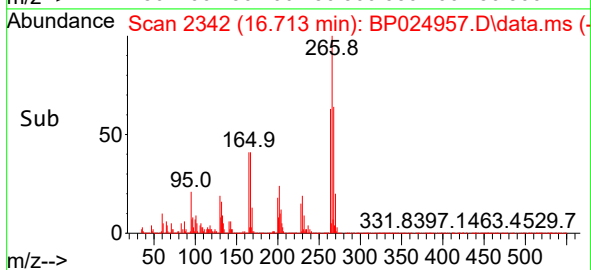
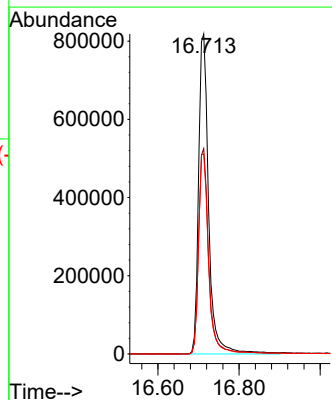
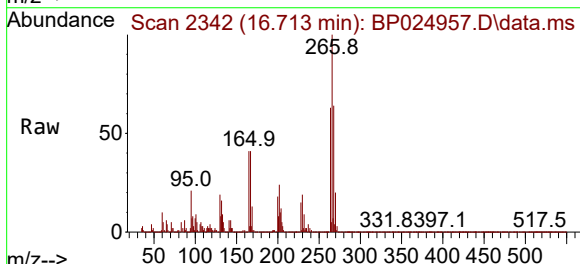
Instrument :
BNA_P
ClientSampleId :
PB168462BS

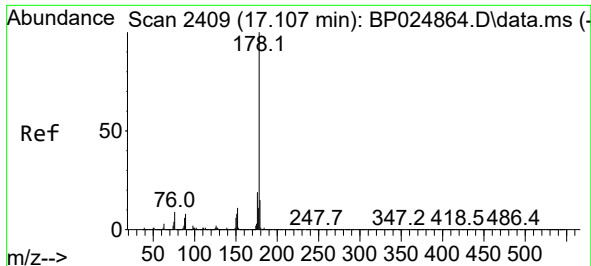
Tgt Ion:200 Resp: 957537
Ion Ratio Lower Upper
200 100
173 27.7 6.9 46.9
215 48.6 28.7 68.7



#70
Pentachlorophenol
Concen: 111.649 ng
RT: 16.713 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:266 Resp: 1420523
Ion Ratio Lower Upper
266 100
268 64.2 50.6 76.0
264 62.6 49.7 74.5

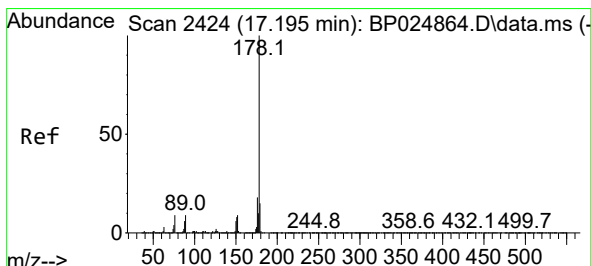
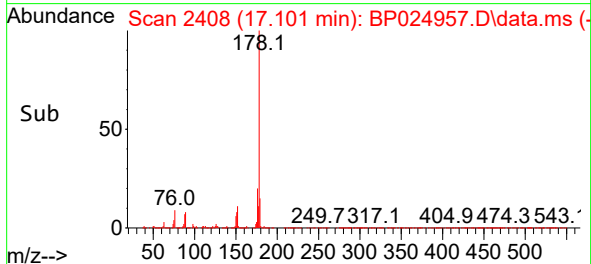
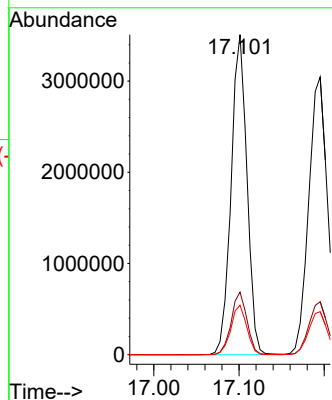
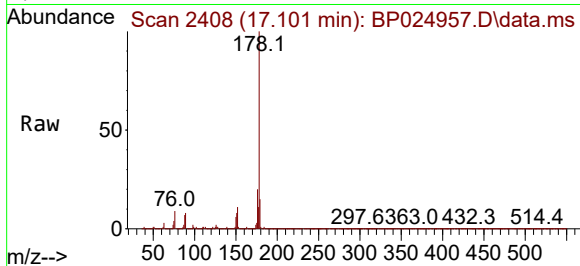




#71
Phenanthrene
Concen: 45.811 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

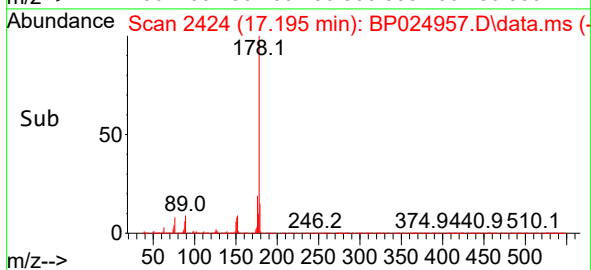
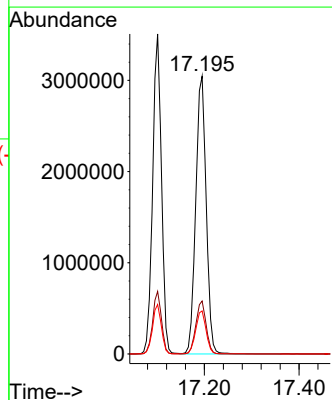
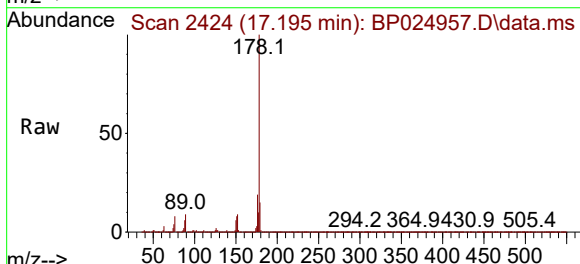
Instrument :
BNA_P
ClientSampleId :
PB168462BS

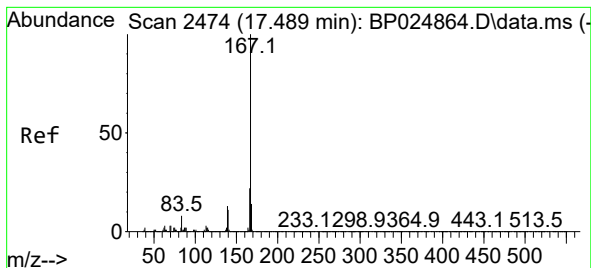
Tgt Ion:178 Resp: 4549778
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.1 18.1



#72
Anthracene
Concen: 46.363 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:178 Resp: 4663413
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.5 12.3 18.5





#73

Carbazole

Concen: 45.585 ng

RT: 17.484 min Scan# 2474

Delta R.T. -0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

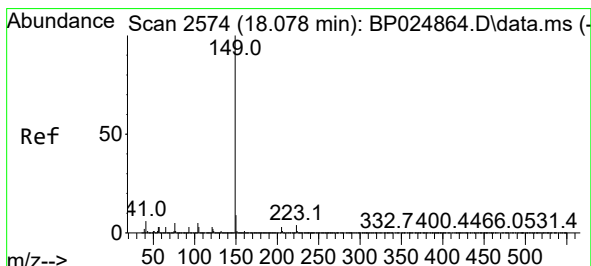
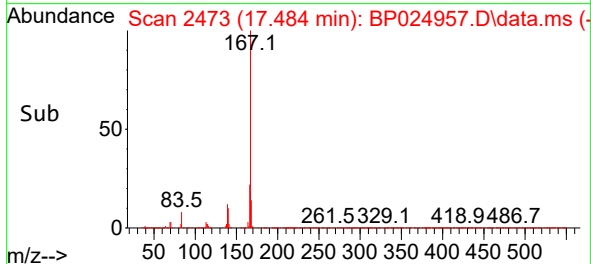
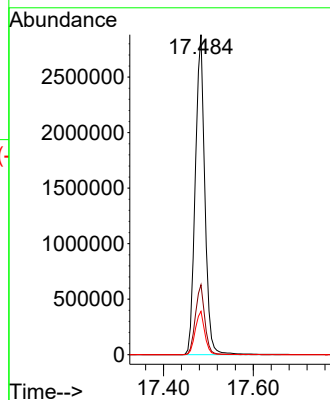
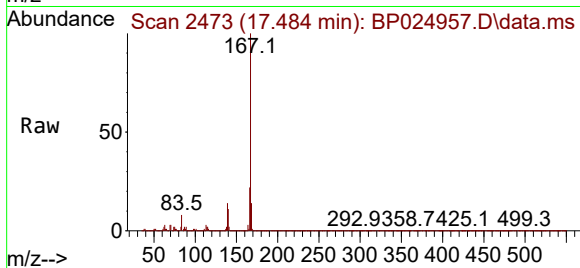
Tgt Ion:167 Resp: 4250028

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.6 10.8 16.2



#74

Di-n-butylphthalate

Concen: 45.830 ng

RT: 18.066 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

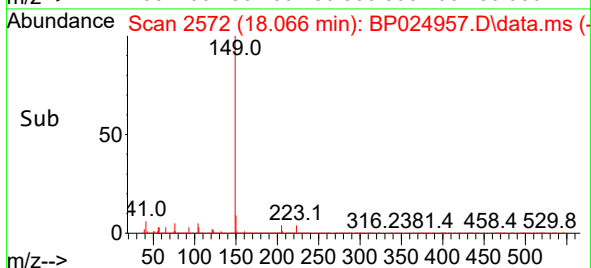
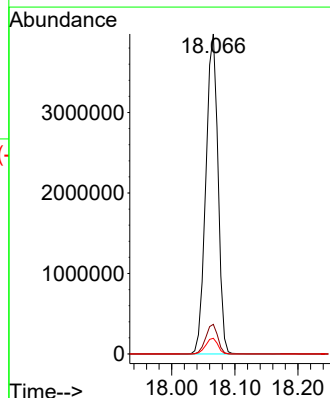
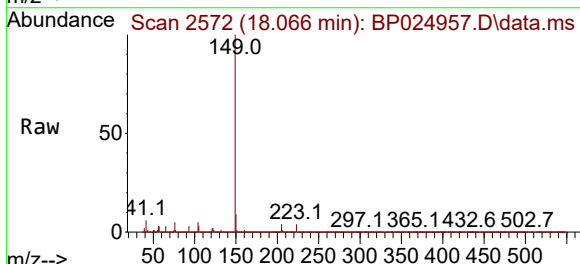
Tgt Ion:149 Resp: 5294032

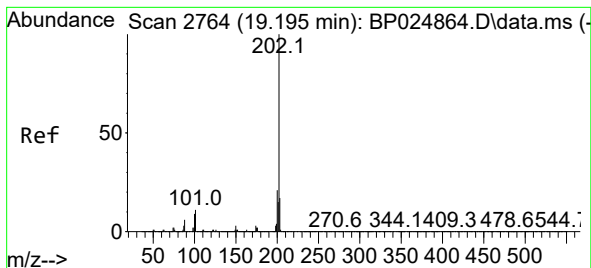
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 42.321 ng

RT: 19.195 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

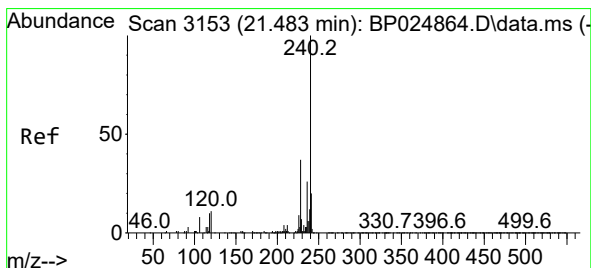
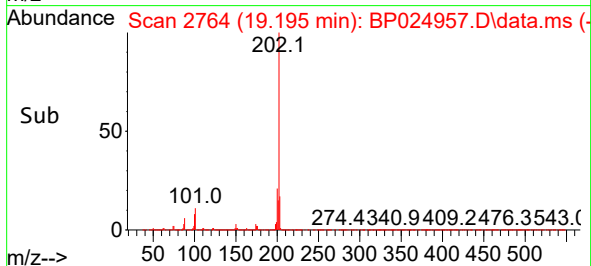
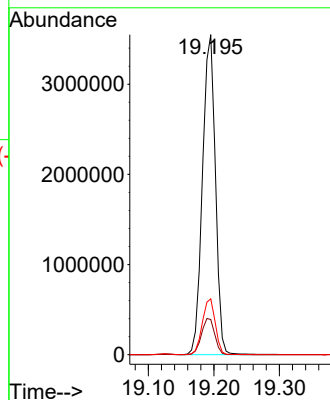
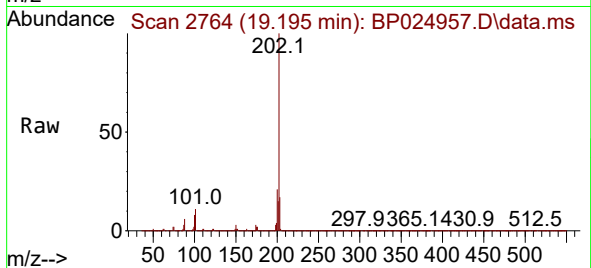
Tgt Ion:202 Resp: 4871662

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

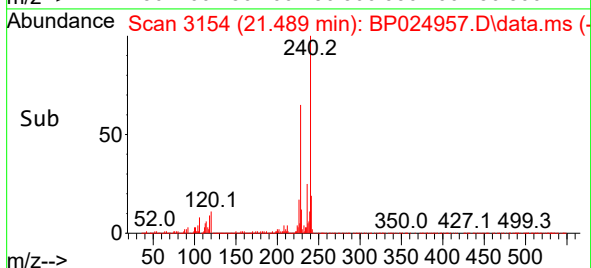
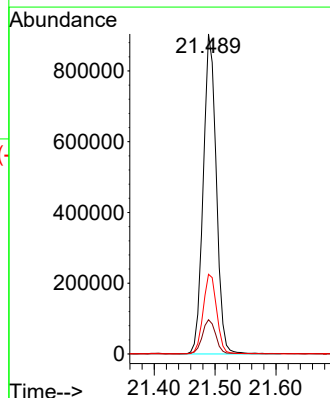
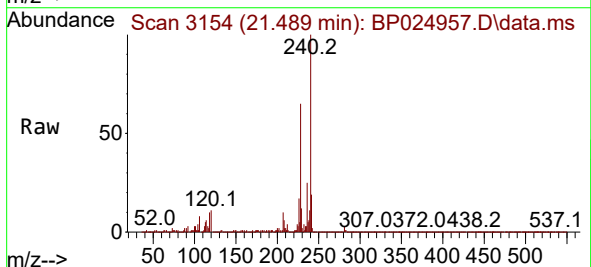
Tgt Ion:240 Resp: 1344618

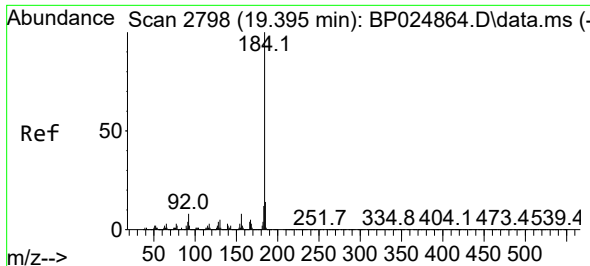
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 24.9 20.9 31.3

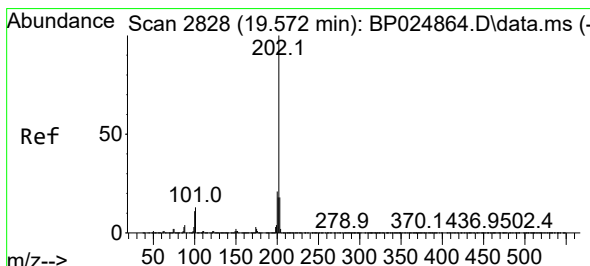
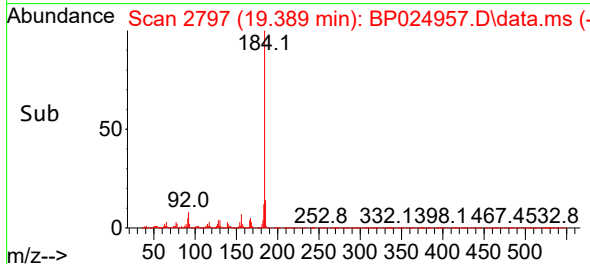
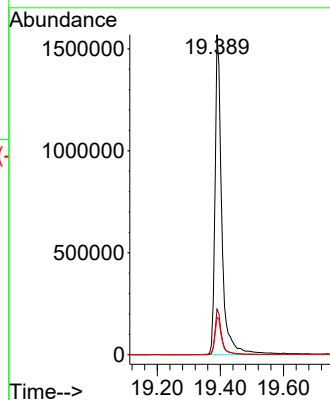
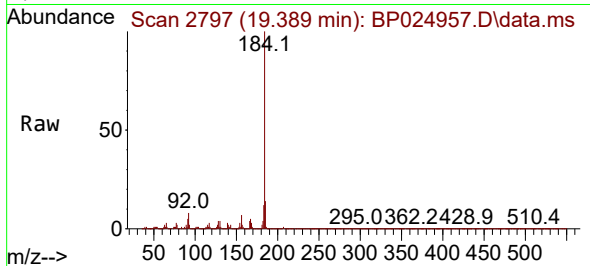




#77
Benzidine
Concen: 56.491 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

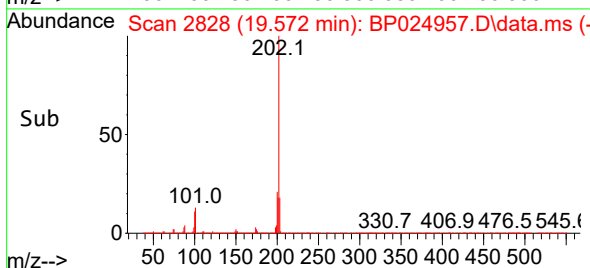
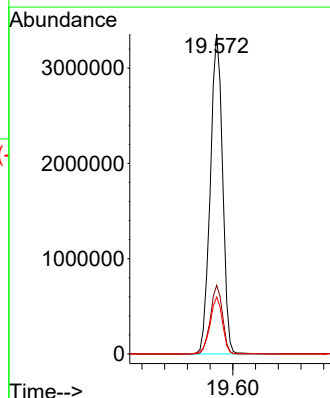
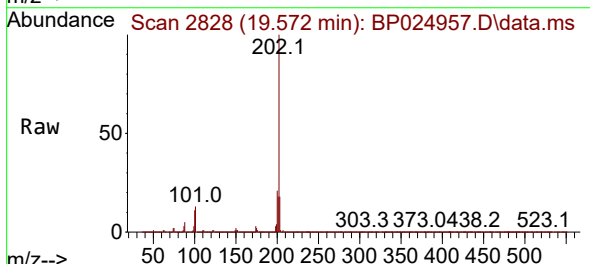
Instrument :
BNA_P
ClientSampleId :
PB168462BS

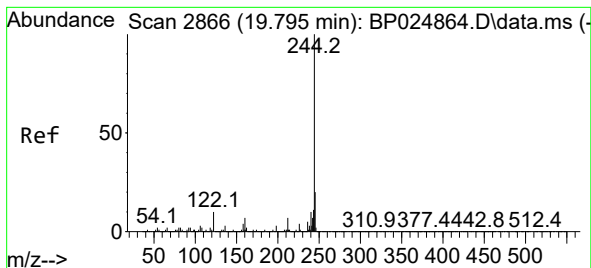
Tgt Ion:184 Resp: 2352552
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.7 9.5 14.3



#78
Pyrene
Concen: 59.648 ng
RT: 19.572 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP024957.D
Acq: 16 Jun 2025 12:14

Tgt Ion:202 Resp: 5010710
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 105.827 ng

RT: 19.789 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

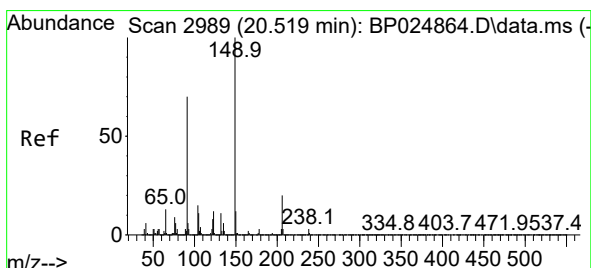
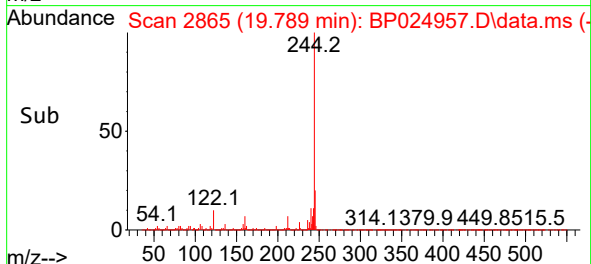
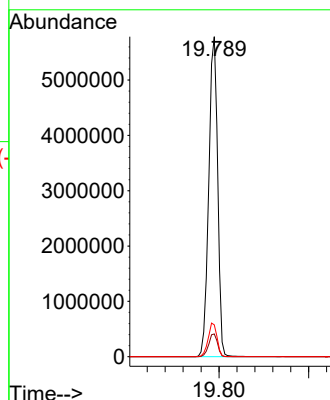
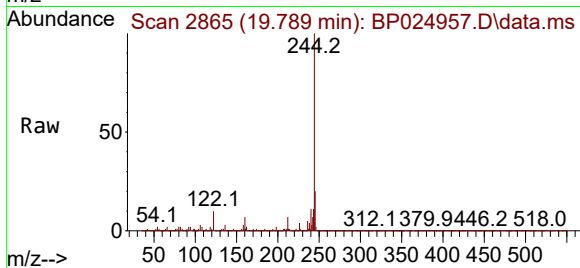
Tgt Ion:244 Resp: 7939612

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 51.564 ng

RT: 20.519 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

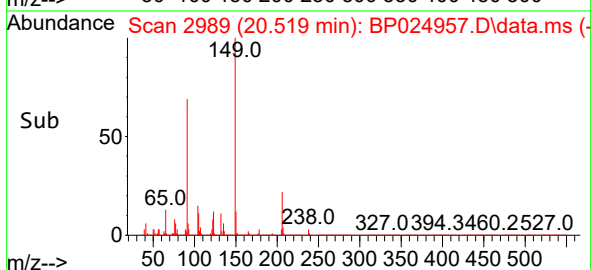
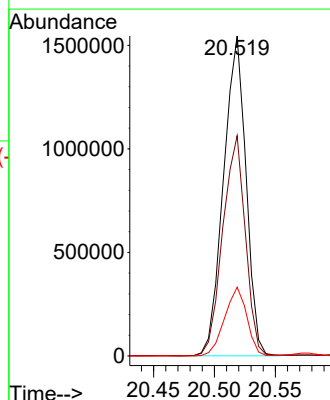
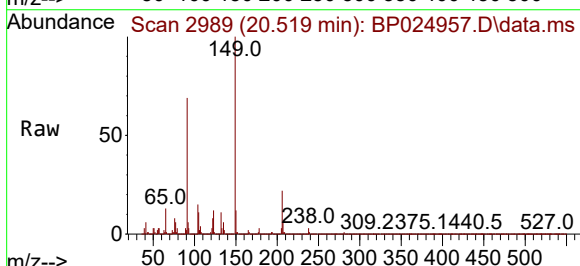
Tgt Ion:149 Resp: 1984107

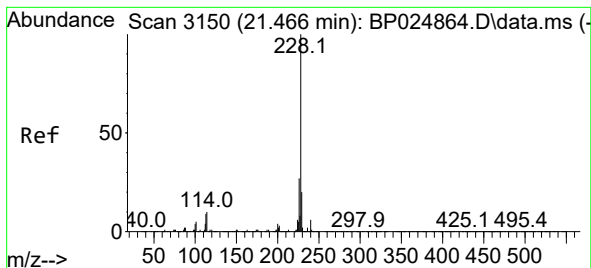
Ion Ratio Lower Upper

149 100

91 68.9 55.8 83.8

206 21.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.022 ng

RT: 21.472 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

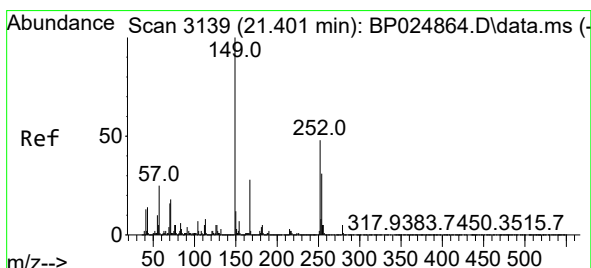
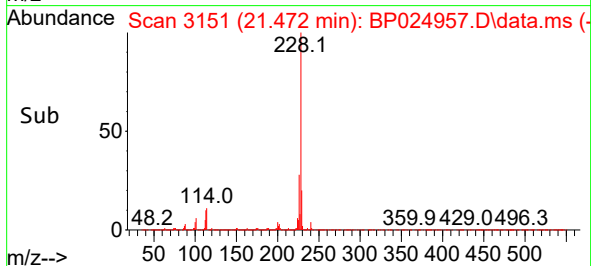
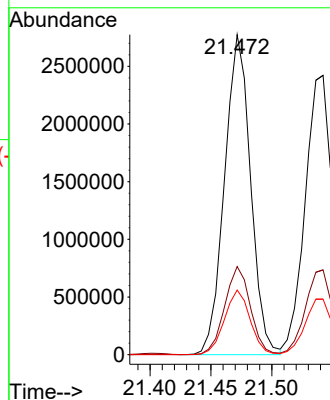
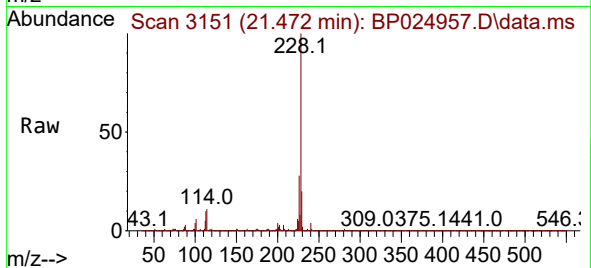
Tgt Ion:228 Resp: 4129809

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.2 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.036 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

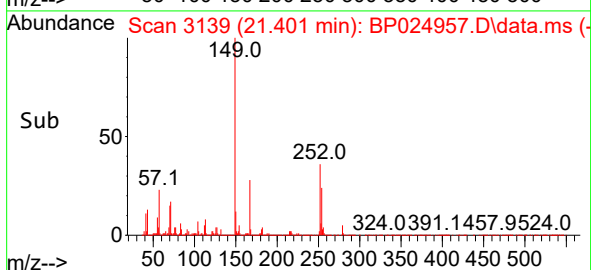
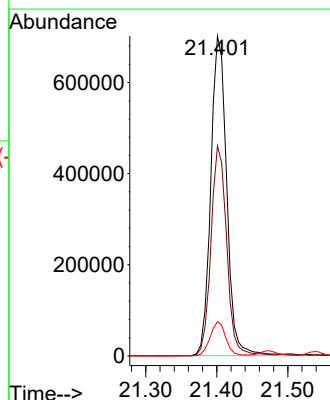
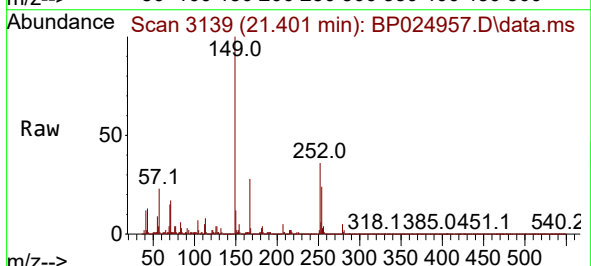
Tgt Ion:252 Resp: 1093772

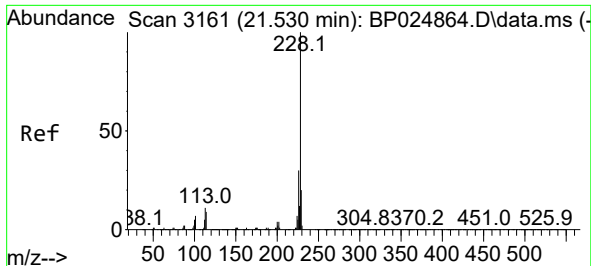
Ion Ratio Lower Upper

252 100

254 65.6 51.2 76.8

126 10.7 8.6 12.8





#83

Chrysene

Concen: 47.099 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

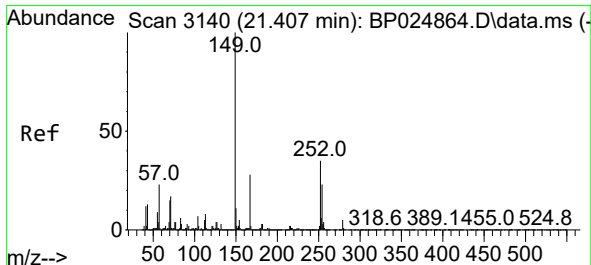
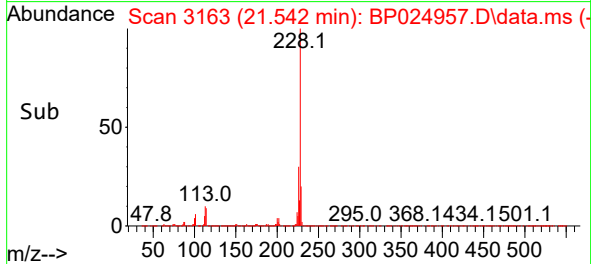
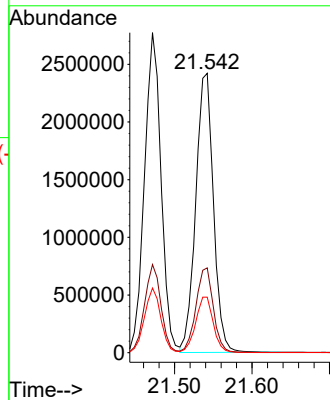
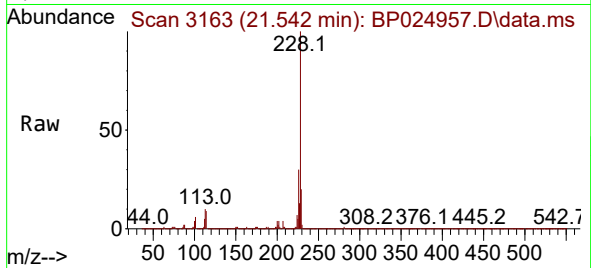
Tgt Ion:228 Resp: 3837971

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.617 ng

RT: 21.407 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

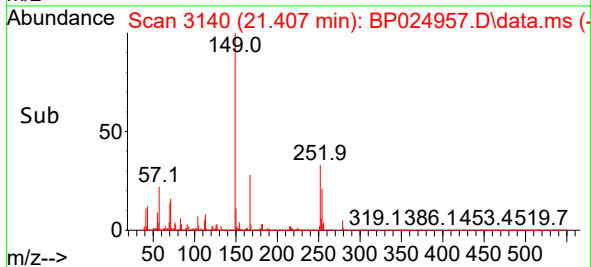
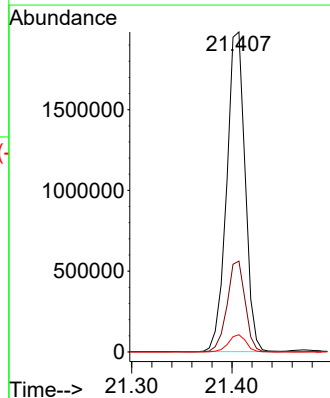
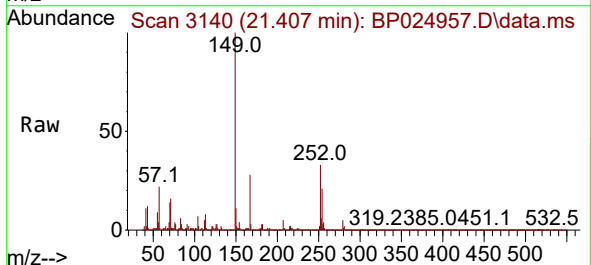
Tgt Ion:149 Resp: 2514861

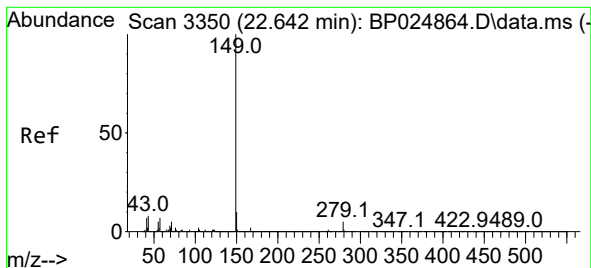
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 41.971 ng

RT: 22.642 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

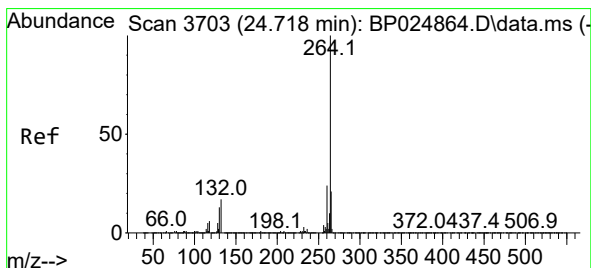
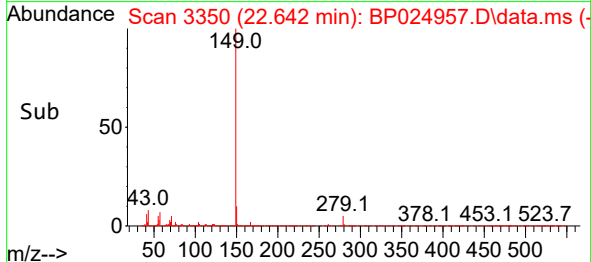
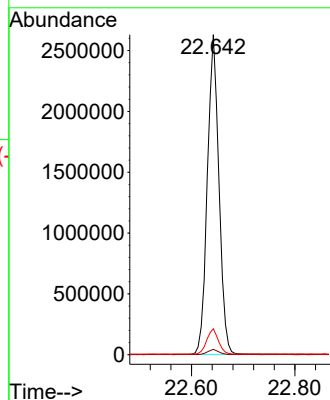
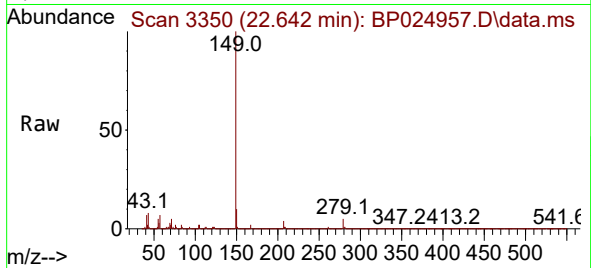
Tgt Ion:149 Resp: 4078405

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.760 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

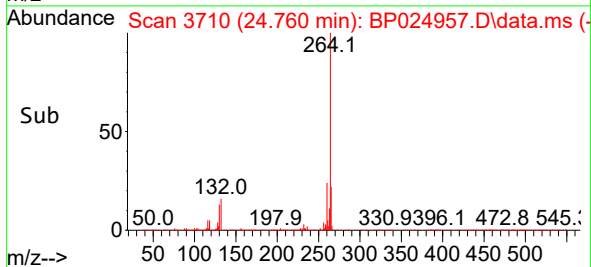
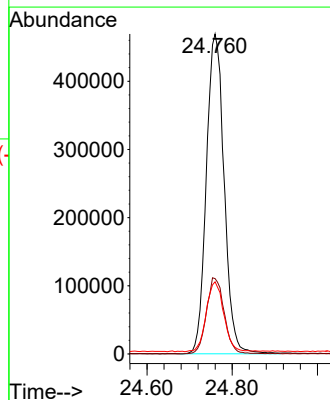
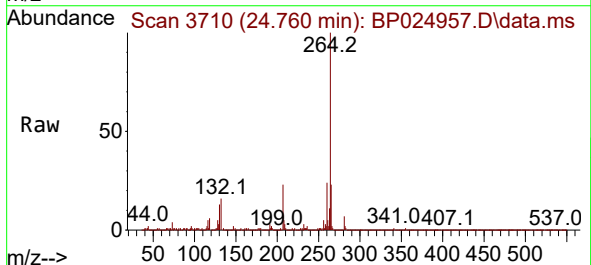
Tgt Ion:264 Resp: 1361847

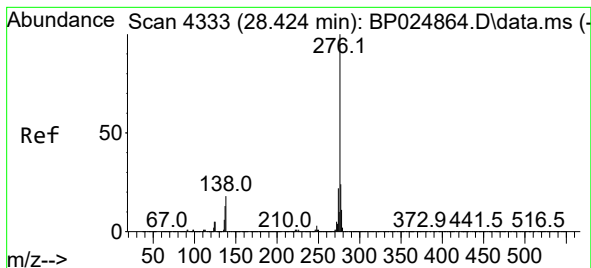
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.667 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

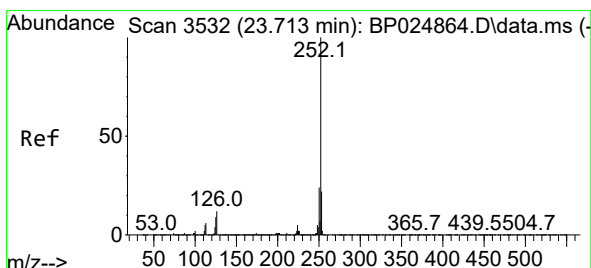
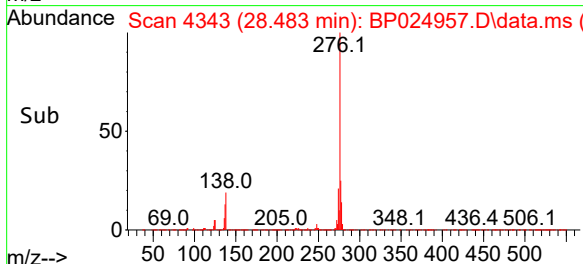
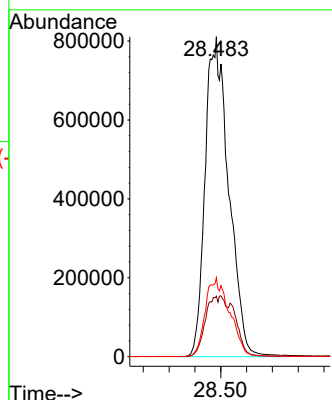
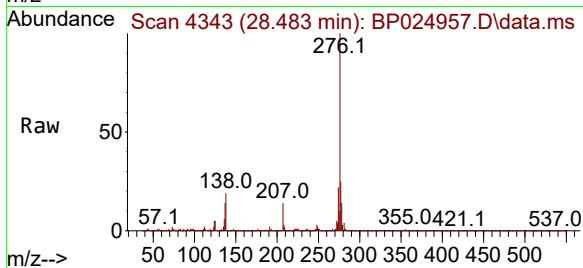
Tgt Ion:276 Resp: 5133853

Ion Ratio Lower Upper

276 100

138 10.3 18.6 27.8#

277 14.2 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 48.349 ng

RT: 23.724 min Scan# 3534

Delta R.T. 0.012 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

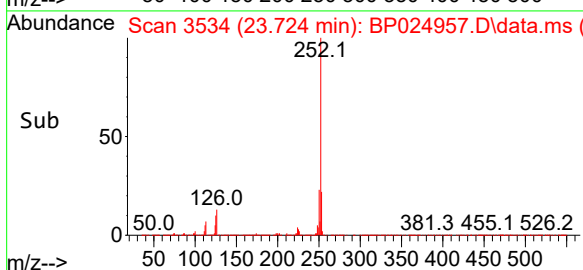
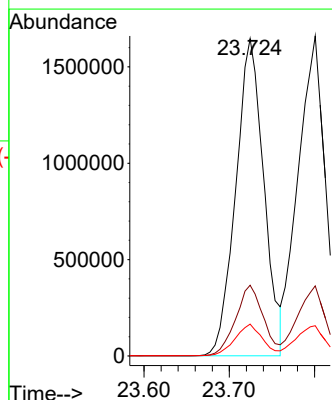
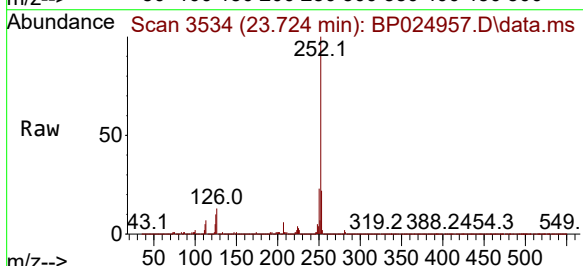
Tgt Ion:252 Resp: 3768279

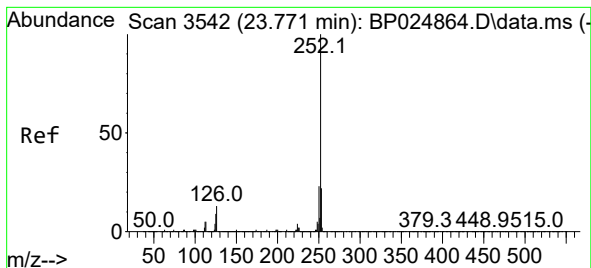
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.288 ng

RT: 23.801 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

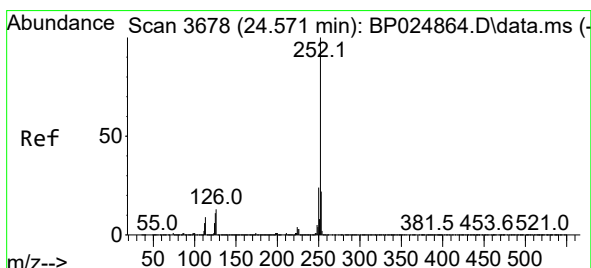
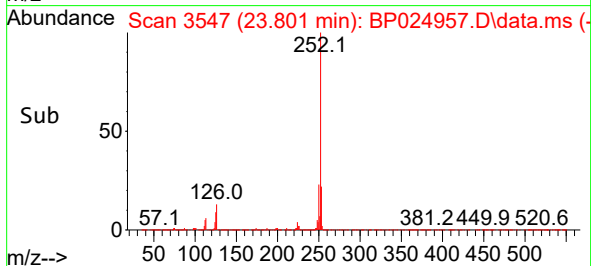
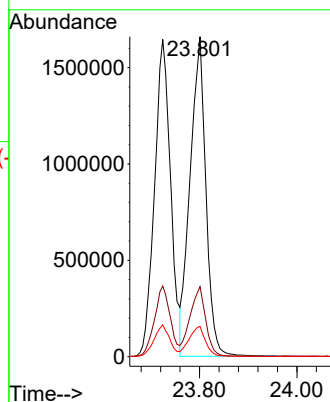
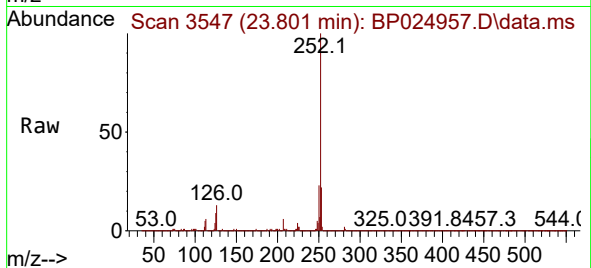
Tgt Ion:252 Resp: 3751595

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.115 ng

RT: 24.613 min Scan# 3685

Delta R.T. 0.041 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

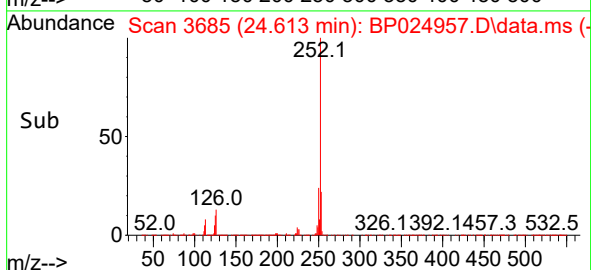
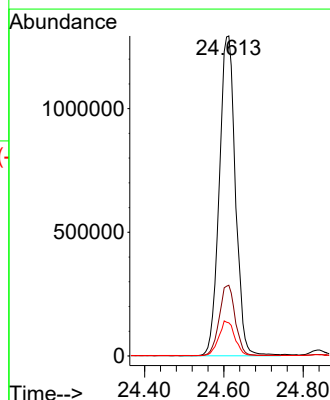
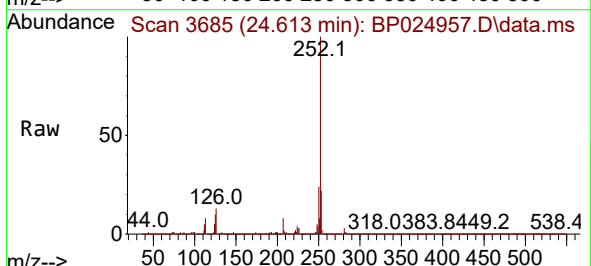
Tgt Ion:252 Resp: 3662208

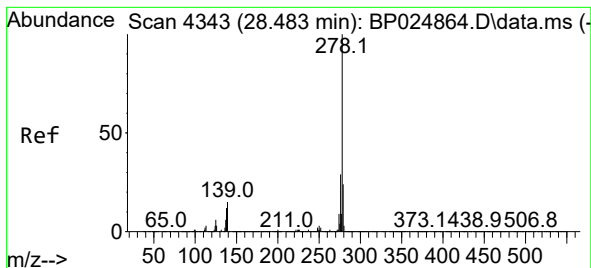
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.693 ng

RT: 28.548 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168462BS

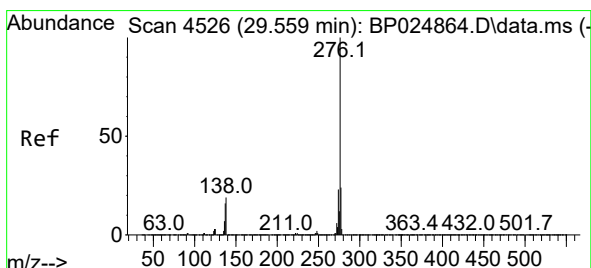
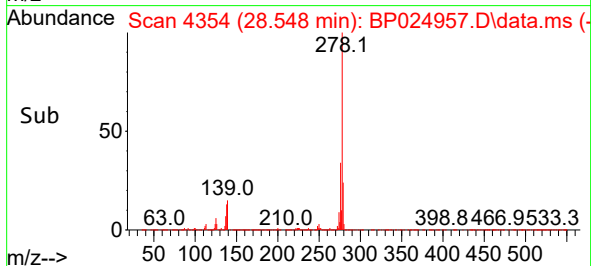
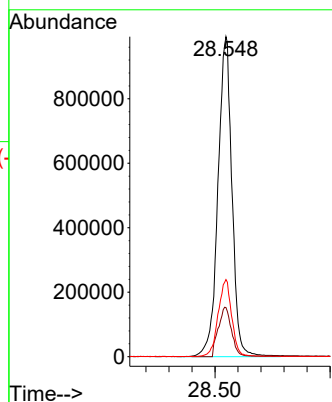
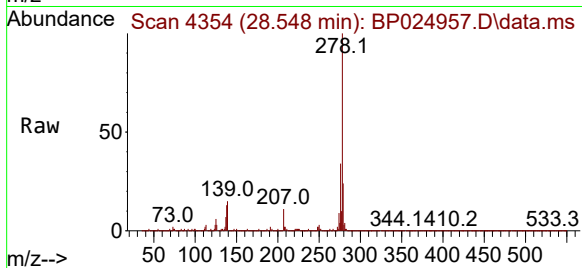
Tgt Ion:278 Resp: 4180856

Ion Ratio Lower Upper

278 100

139 15.3 12.0 18.0

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 52.099 ng

RT: 29.636 min Scan# 4539

Delta R.T. 0.076 min

Lab File: BP024957.D

Acq: 16 Jun 2025 12:14

Tgt Ion:276 Resp: 4180845

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 20.6 15.4 23.2

