

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024508.D
 Acq On : 02 May 2025 14:15
 Operator : RC/JU
 Sample : Q1916-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12MS

Quant Time: May 02 14:50:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	128439	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	529811	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	334311	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	712767	20.000	ng	# 0.01
76) Chrysene-d12	21.598	240	846362	20.000	ng	# 0.00
86) Perylene-d12	24.951	264	975437	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	612411	78.839	ng	-0.01
7) Phenol-d6	6.899	99	846823	79.615	ng	-0.01
23) Nitrobenzene-d5	8.857	82	455580	49.032	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	482553	104.327	ng	0.01
45) 2-Fluorobiphenyl	12.951	172	1018808	46.660	ng	-0.01
79) Terphenyl-d14	19.892	244	2321094	55.278	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	123801	37.679	ng	# 95
3) Pyridine	3.669	79	319728	36.852	ng	91
4) n-Nitrosodimethylamine	3.581	42	141203	49.039	ng	77
6) Aniline	7.046	93	258056	27.151	ng	98
8) 2-Chlorophenol	7.281	128	406357	46.854	ng	99
9) Benzaldehyde	6.858	77	177303	33.698	ng	99
10) Phenol	6.922	94	487017	45.644	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	342455	39.835	ng	100
12) 1,3-Dichlorobenzene	7.599	146	419997	44.983	ng	98
13) 1,4-Dichlorobenzene	7.746	146	425164	44.880	ng	100
14) 1,2-Dichlorobenzene	8.057	146	408717	44.680	ng	99
15) Benzyl Alcohol	7.952	79	348790	50.706	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	388235	41.780	ng	99
17) 2-Methylphenol	8.157	107	334998	48.533	ng	97
18) Hexachloroethane	8.775	117	158058	46.167	ng	96
19) n-Nitroso-di-n-propyla...	8.505	70	270373	41.088	ng	94
20) 3+4-Methylphenols	8.481	107	455971	47.609	ng	98
22) Acetophenone	8.522	105	571686	43.596	ng	96
24) Nitrobenzene	8.899	77	409113	44.509	ng	98
25) Isophorone	9.422	82	772807	45.951	ng	97
26) 2-Nitrophenol	9.604	139	222908	49.555	ng	94
27) 2,4-Dimethylphenol	9.669	122	374778	66.356	ng	99
28) bis(2-Chloroethoxy)met...	9.899	93	472255	41.567	ng	99
29) 2,4-Dichlorophenol	10.140	162	382842	49.713	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	382150	46.315	ng	99
31) Naphthalene	10.534	128	1202312	43.081	ng	99
32) Benzoic acid	9.834	122	304910	46.331	ng	99
33) 4-Chloroaniline	10.646	127	155522	15.824	ng	97
34) Hexachlorobutadiene	10.816	225	242875	50.092	ng	99
35) Caprolactam	11.440	113	138930	48.893	ng	94
36) 4-Chloro-3-methylphenol	11.781	107	442417	49.322	ng	99
37) 2-Methylnaphthalene	12.145	142	771140	39.842	ng	96
38) 1-Methylnaphthalene	12.363	142	821953	43.410	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	443363	48.225	ng	99
41) Hexachlorocyclopentadiene	12.493	237	539891	166.042	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	322491	52.760	ng	97

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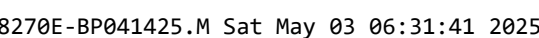
Instrument :
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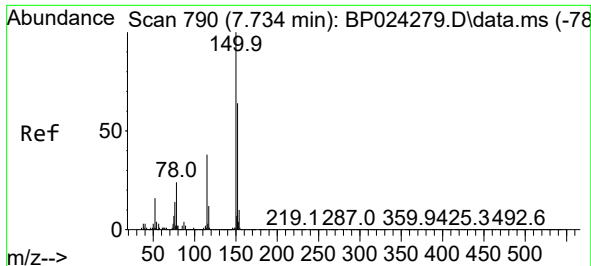
Quant Time: May 02 14:50:10 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	359833	53.161	ng	99
46) 1,1'-Biphenyl	13.169	154	1117964	45.494	ng	98
47) 2-Chloronaphthalene	13.210	162	853561	46.475	ng	98
48) 2-Nitroaniline	13.416	65	272707	52.935	ng	94
49) Acenaphthylene	14.063	152	1416246	48.978	ng	99
50) Dimethylphthalate	13.804	163	1147782	47.211	ng	100
51) 2,6-Dinitrotoluene	13.922	165	252428	48.896	ng	97
52) Acenaphthene	14.410	154	813997	44.404	ng	100
53) 3-Nitroaniline	14.257	138	125876	23.199	ng	96
54) 2,4-Dinitrophenol	14.475	184	335521	110.333	ng	89
55) Dibenzofuran	14.751	168	1314274	43.861	ng	96
56) 4-Nitrophenol	14.598	139	507642	108.329	ng	88
57) 2,4-Dinitrotoluene	14.722	165	377319	53.579	ng	97
58) Fluorene	15.416	166	1093790	47.153	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	323599	51.835	ng	99
60) Diethylphthalate	15.192	149	1240925	49.531	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	541432	48.066	ng	98
62) 4-Nitroaniline	15.451	138	277391	48.293	ng	88
63) Azobenzene	15.710	77	1143093	49.641	ng	96
65) 4,6-Dinitro-2-methylph...	15.516	198	218372	48.595	ng	91
66) n-Nitrosodiphenylamine	15.634	169	960523	45.149	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	369530	47.404	ng	97
68) Hexachlorobenzene	16.445	284	460832	49.749	ng	98
69) Atrazine	16.622	200	375911	69.377	ng	97
70) Pentachlorophenol	16.810	266	676598	104.701	ng	99
71) Phenanthrene	17.204	178	1772931	45.596	ng	99
72) Anthracene	17.304	178	1809544	48.286	ng	99
73) Carbazole	17.586	167	1767675	48.275	ng	99
74) Di-n-butylphthalate	18.169	149	2241724	49.140	ng	99
75) Fluoranthene	19.292	202	2247063	48.590	ng	96
77) Benzidine	19.498	184	955611	89.073	ng	99
78) Pyrene	19.663	202	2332238	43.360	ng	99
80) Butylbenzylphthalate	20.622	149	1114965	48.396	ng	95
81) Benzo(a)anthracene	21.580	228	2476060	47.068	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	492762	26.687	ng	99
83) Chrysene	21.651	228	2285952	45.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	1642520	48.634	ng	99
85) Di-n-octyl phthalate	22.792	149	2815582	51.280	ng	100
87) Indeno(1,2,3-cd)pyrene	28.780	276	3353925	49.527	ng	97
88) Benzo(b)fluoranthene	23.898	252	2637393	45.108	ng	# 97
89) Benzo(k)fluoranthene	23.968	252	2570121	45.507	ng	# 97
90) Benzo(a)pyrene	24.798	252	2496964	49.509	ng	# 97
91) Dibenzo(a,h)anthracene	28.845	278	2753184	48.981	ng	97
92) Benzo(g,h,i)perylene	29.956	276	2676928	46.789	ng	# 93

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

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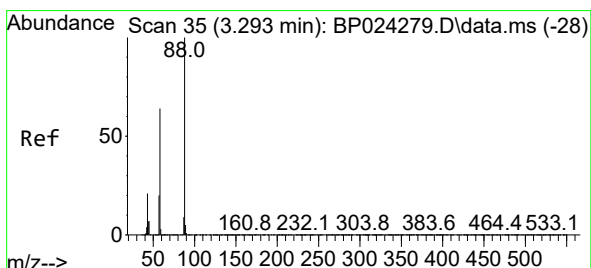
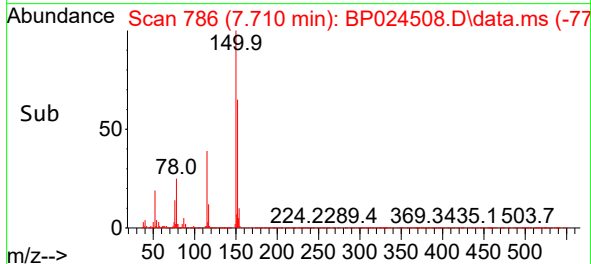
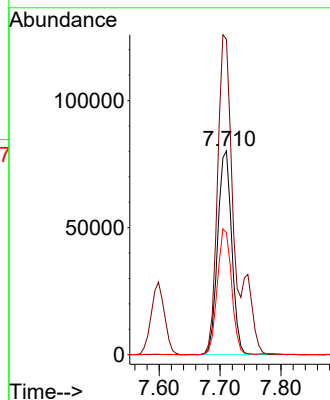
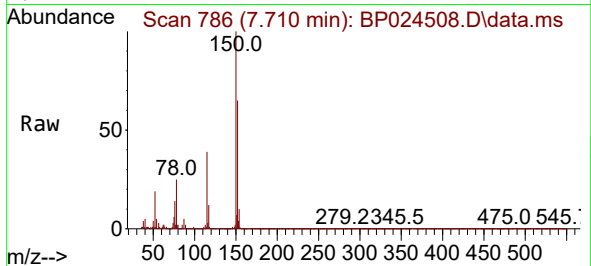




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

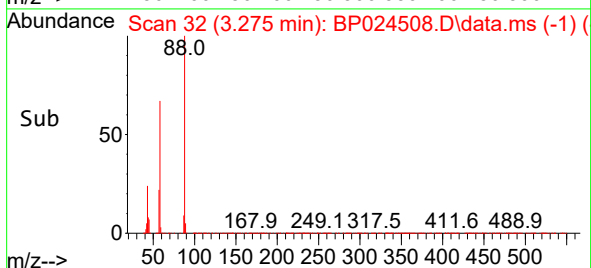
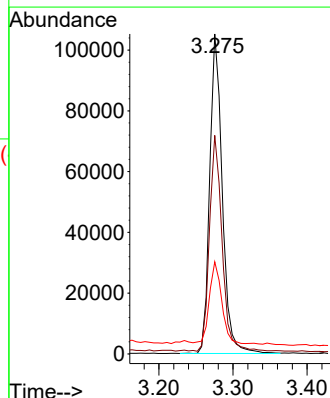
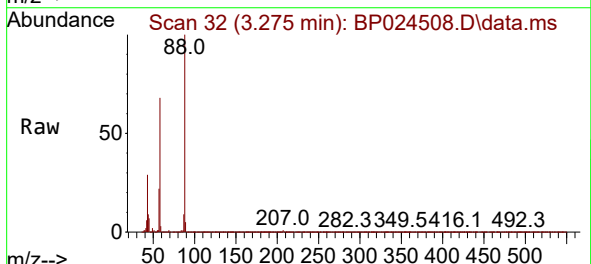
Instrument :
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WC-12MS

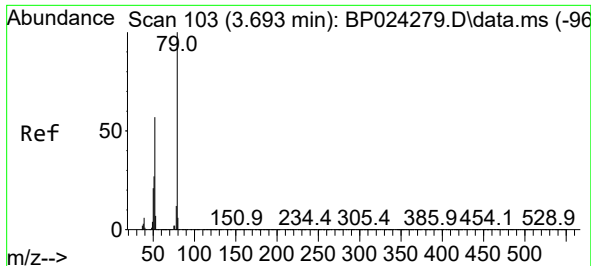
Tgt Ion:152 Resp: 128439
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 59.8 47.7 71.5



#2
1,4-Dioxane
Concen: 37.679 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 88 Resp: 123801
Ion Ratio Lower Upper
88 100
58 67.1 51.4 77.2
43 25.8 17.1 25.7#

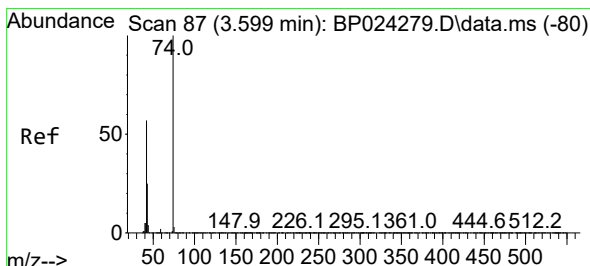
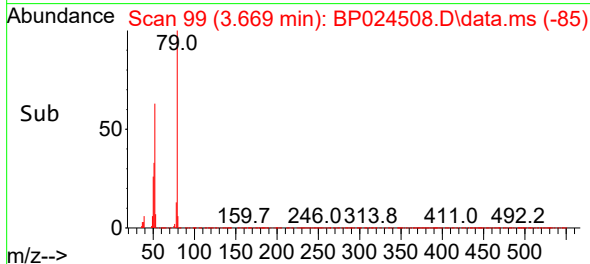
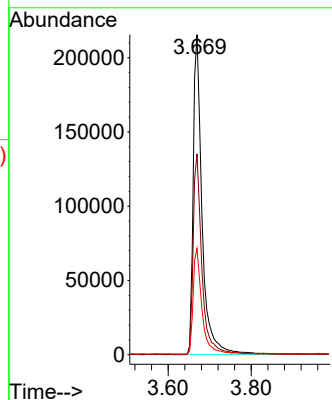
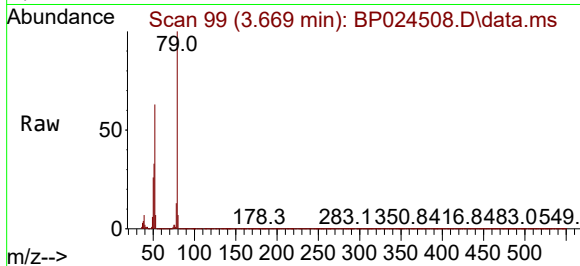




#3
Pyridine
Concen: 36.852 ng
RT: 3.669 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

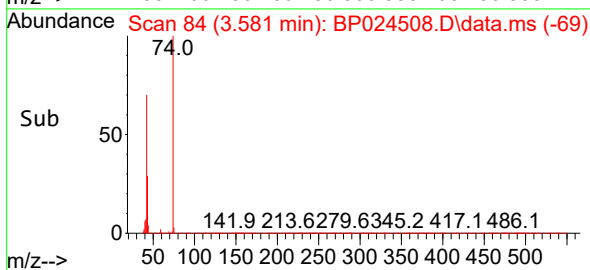
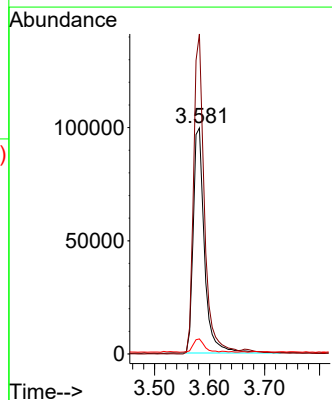
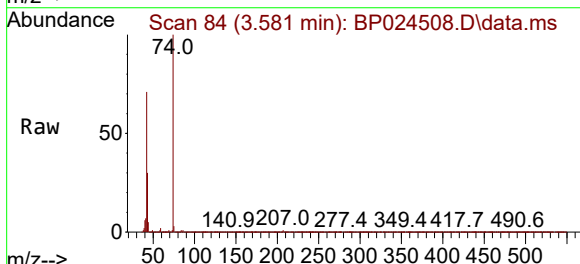
Instrument :
BNA_P
ClientSampleId :
WC-12MS

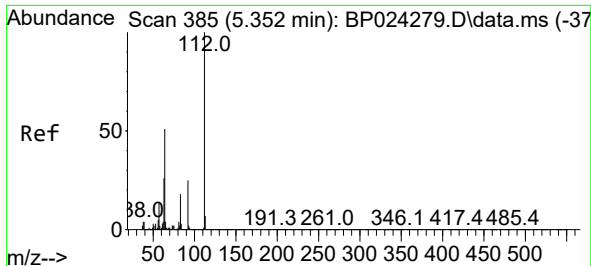
Tgt Ion: 79 Resp: 319728
Ion Ratio Lower Upper
79 100
52 62.8 45.4 68.2
51 33.2 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 49.039 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 42 Resp: 141203
Ion Ratio Lower Upper
42 100
74 141.6 139.5 209.3
44 6.7 5.8 8.8

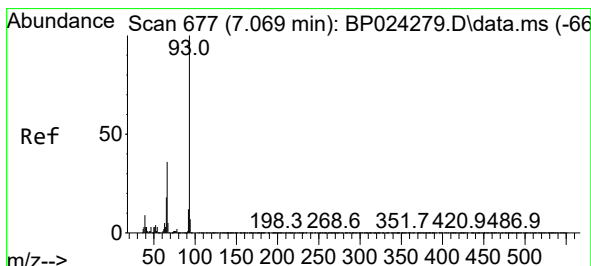
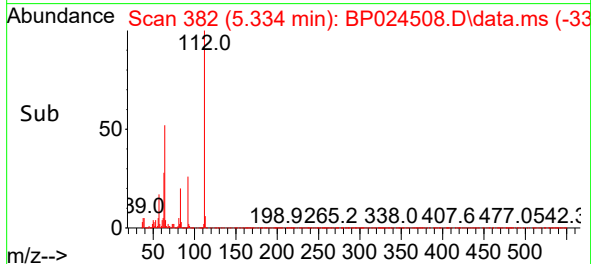
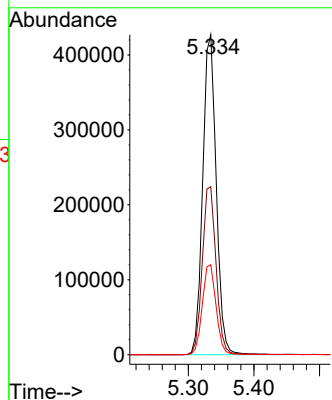
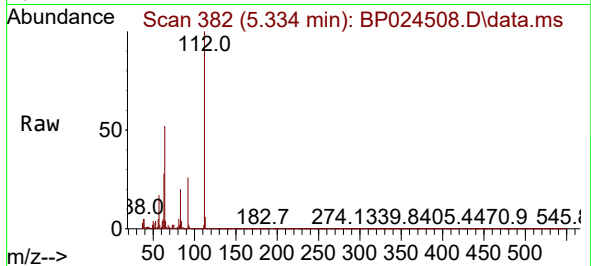




#5
2-Fluorophenol
Concen: 78.839 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

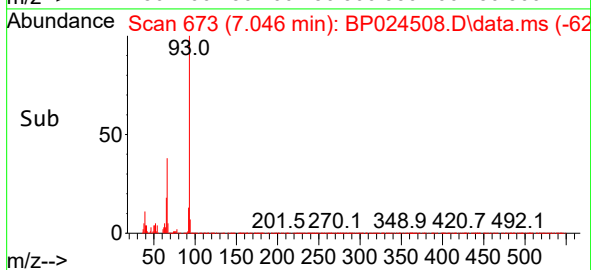
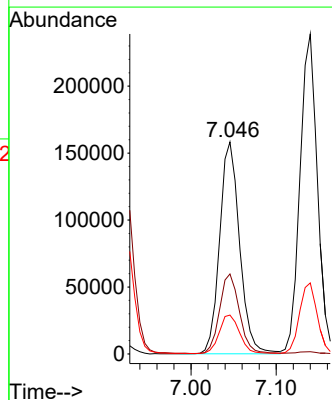
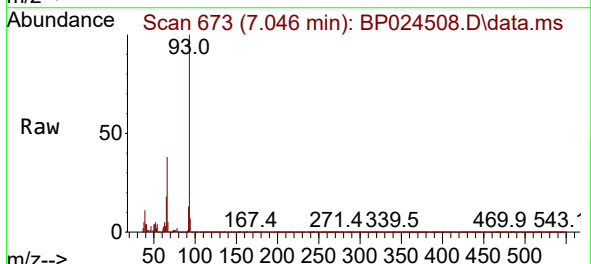
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ClientSampleId :
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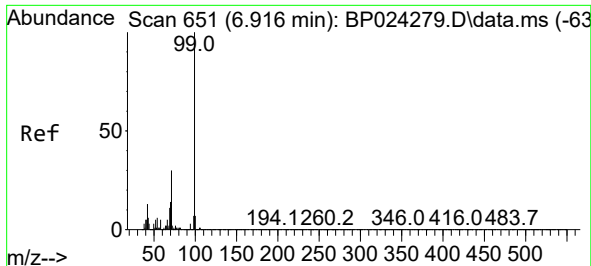
Tgt Ion:112 Resp: 612411
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 28.1 20.6 30.8



#6
Aniline
Concen: 27.151 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 93 Resp: 258056
Ion Ratio Lower Upper
93 100
66 37.7 29.1 43.7
65 18.4 14.7 22.1

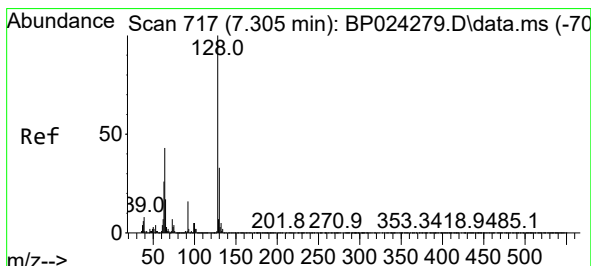
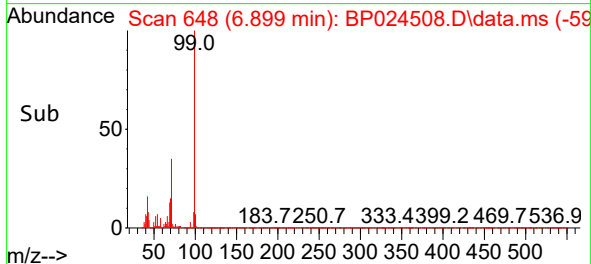
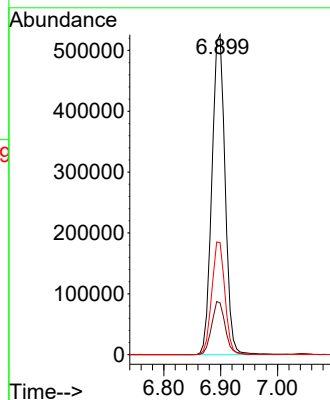
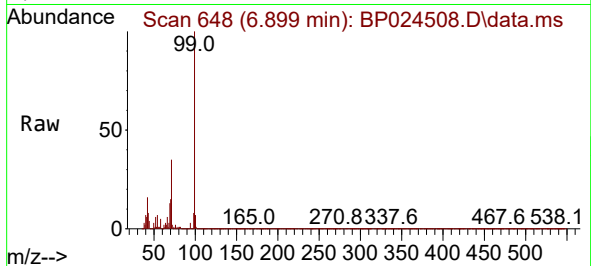




#7
Phenol-d6
Concen: 79.615 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

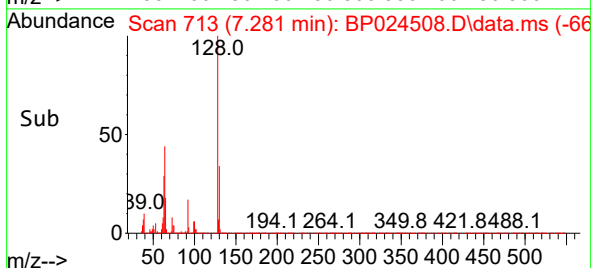
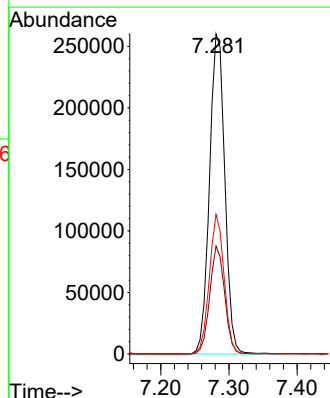
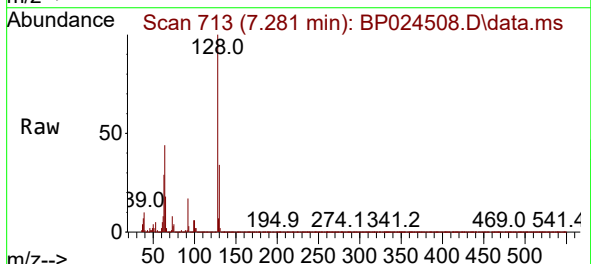
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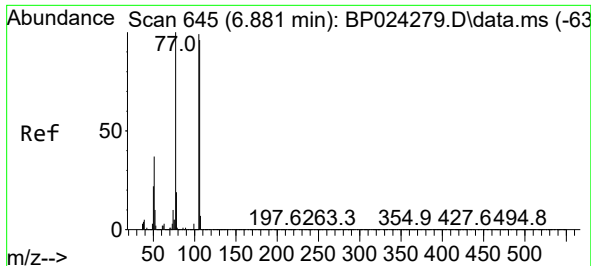
Tgt Ion: 99 Resp: 846823
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 35.1 23.7 35.5



#8
2-Chlorophenol
Concen: 46.854 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:128 Resp: 406357
Ion Ratio Lower Upper
128 100
130 33.8 12.9 52.9
64 43.6 22.7 62.7

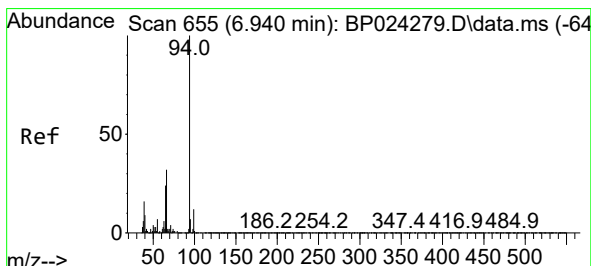
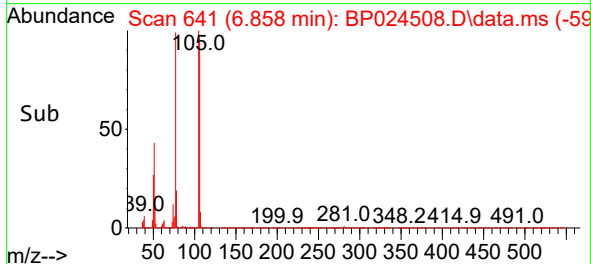
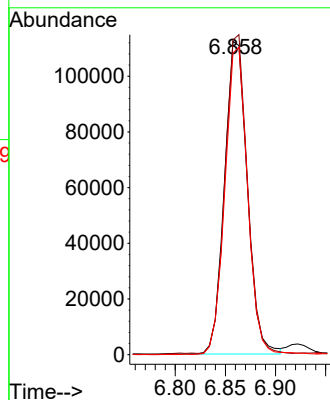
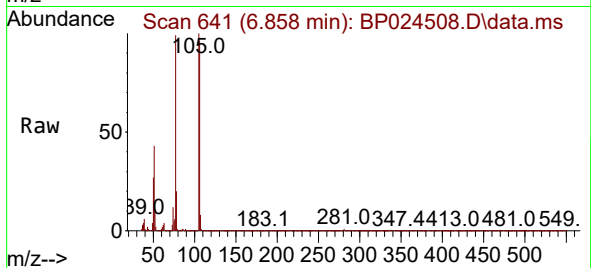




#9
Benzaldehyde
Concen: 33.698 ng
RT: 6.858 min Scan# 645
Delta R.T. -0.023 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

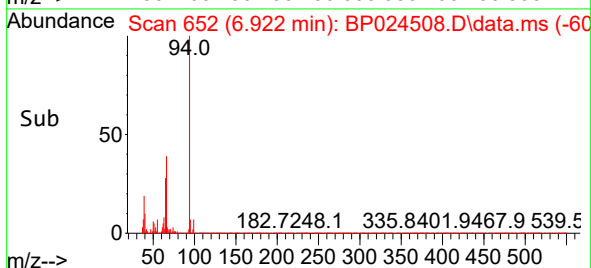
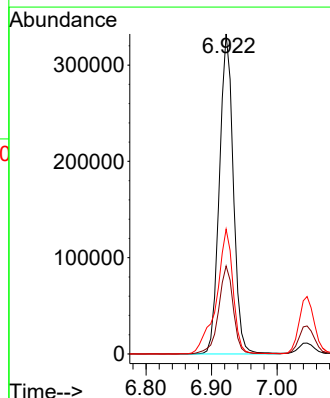
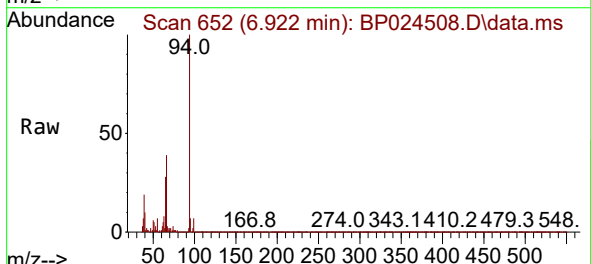
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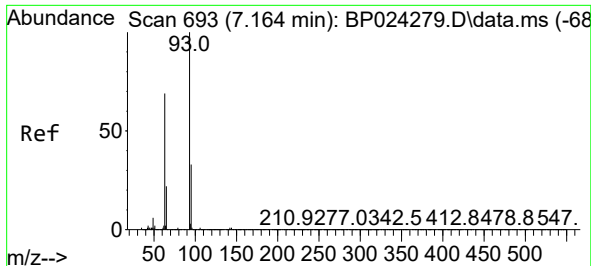
Tgt Ion: 77 Resp: 177303
Ion Ratio Lower Upper
77 100
105 100.5 79.2 119.2
106 96.4 76.2 116.2



#10
Phenol
Concen: 45.644 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 94 Resp: 487017
Ion Ratio Lower Upper
94 100
65 27.5 4.5 44.5
66 39.0 12.4 52.4

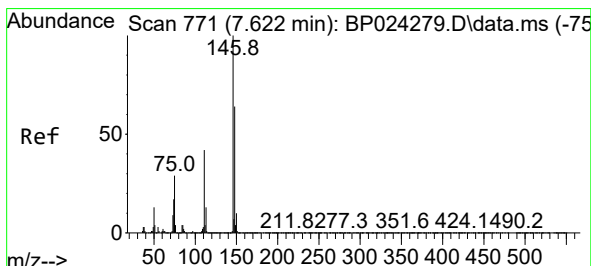
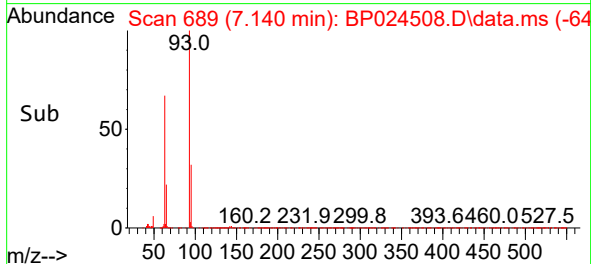
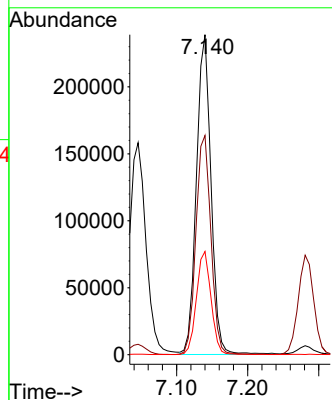
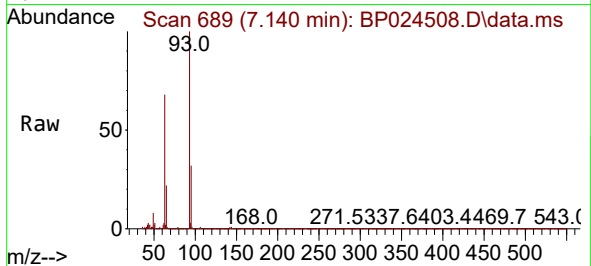




#11
bis(2-Chloroethyl)ether
Concen: 39.835 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

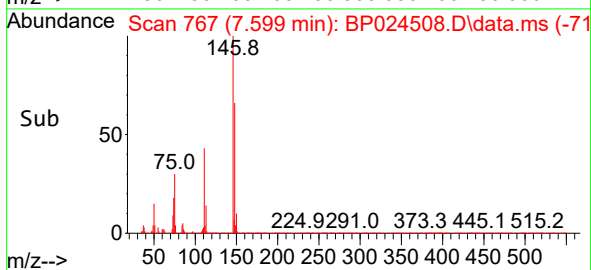
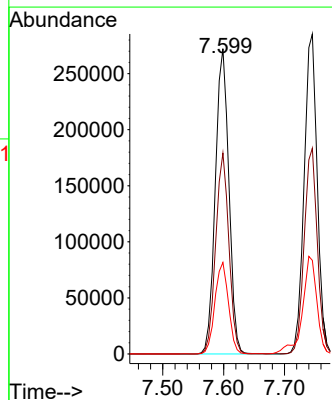
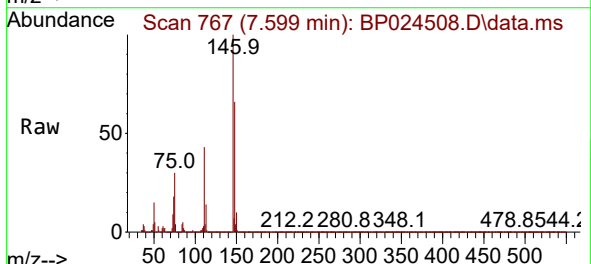
Instrument :
BNA_P
ClientSampleId :
WC-12MS

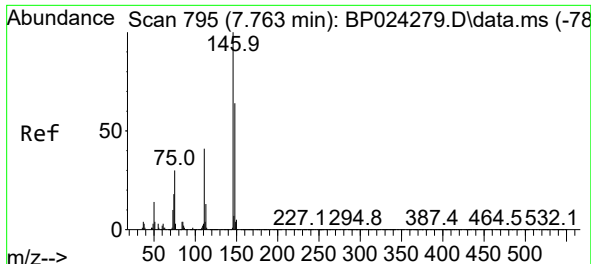
Tgt Ion: 93 Resp: 342455
Ion Ratio Lower Upper
93 100
63 68.5 48.6 88.6
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.983 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:146 Resp: 419997
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.0
75 30.0 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 44.880 ng

RT: 7.746 min Scan# 795

Delta R.T. -0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

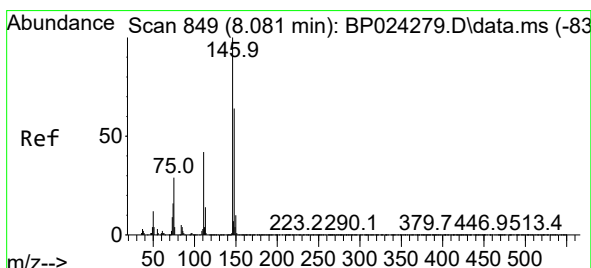
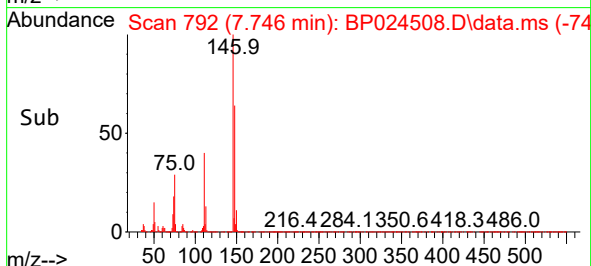
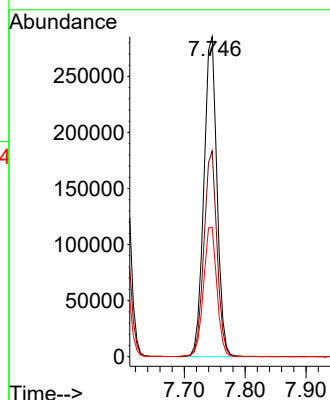
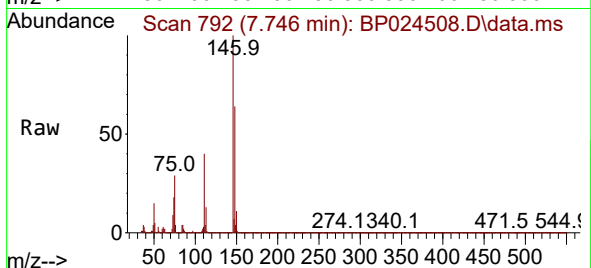
Tgt Ion:146 Resp: 425164

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 40.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.680 ng

RT: 8.057 min Scan# 845

Delta R.T. -0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

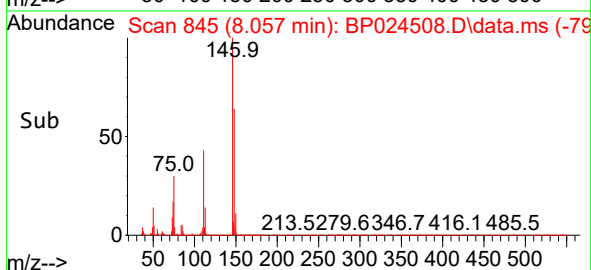
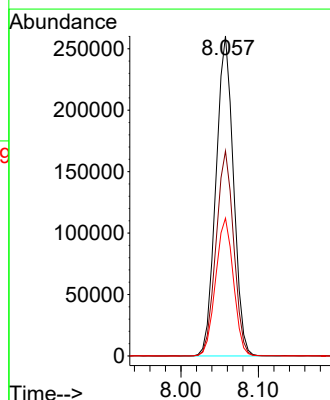
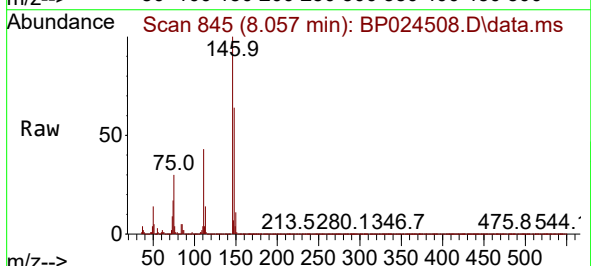
Tgt Ion:146 Resp: 408717

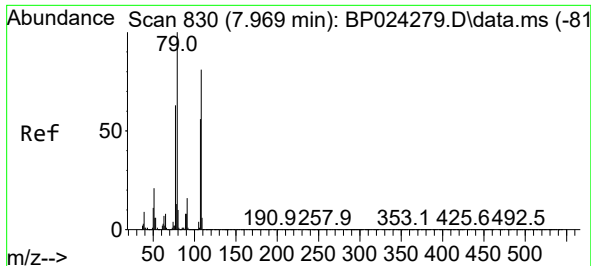
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

111 43.0 33.8 50.8

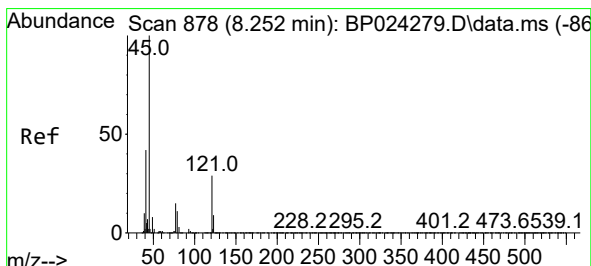
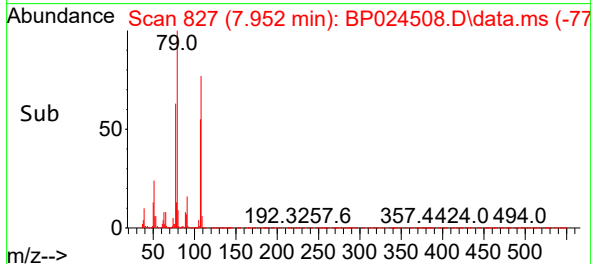
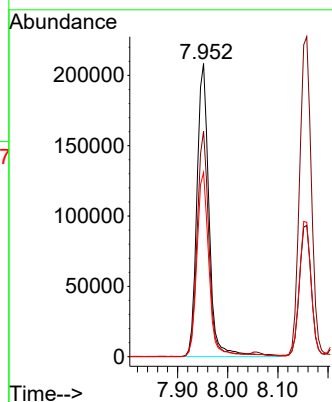
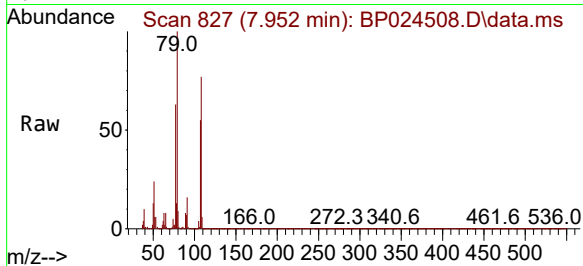




#15
Benzyl Alcohol
Concen: 50.706 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

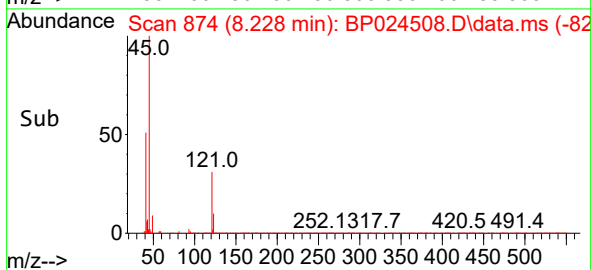
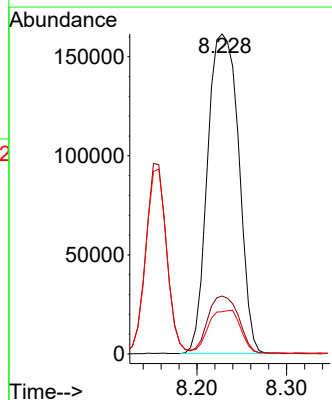
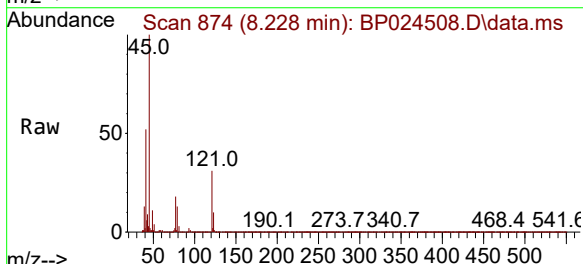
Instrument :
BNA_P
ClientSampleId :
WC-12MS

Tgt Ion: 79 Resp: 348790
Ion Ratio Lower Upper
79 100
108 76.9 65.1 97.7
77 62.8 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.780 ng
RT: 8.228 min Scan# 874
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 45 Resp: 388235
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.7
79 13.2 0.0 33.5

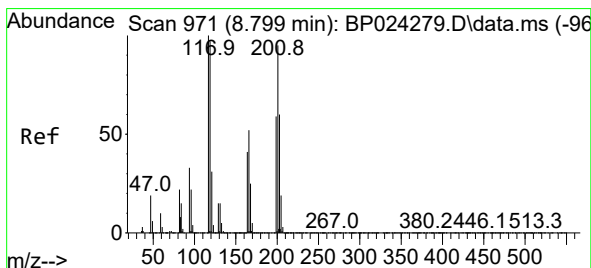
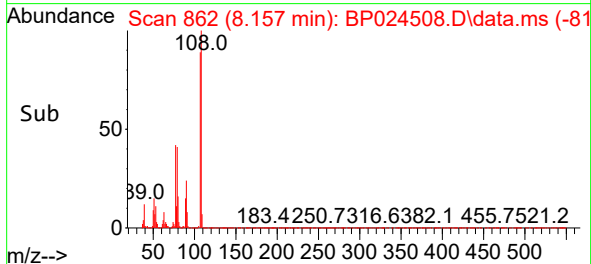
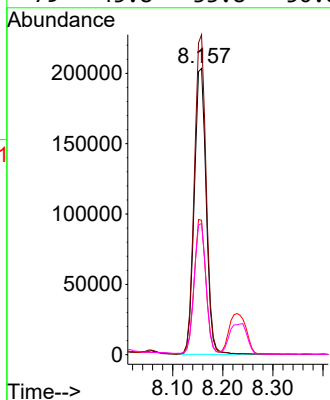
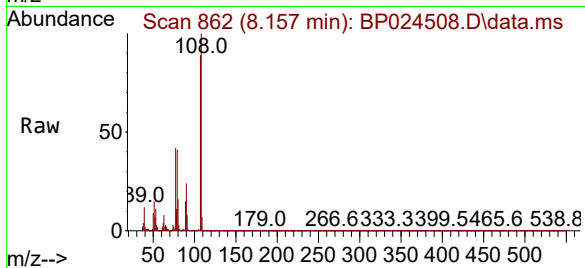




#17
2-Methylphenol
Concen: 48.533 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

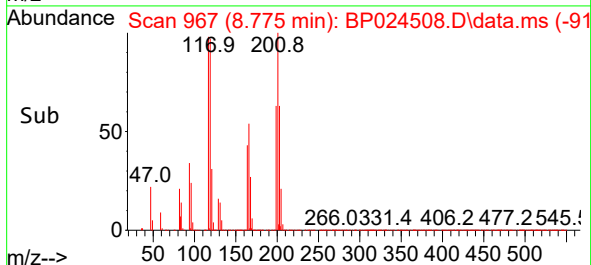
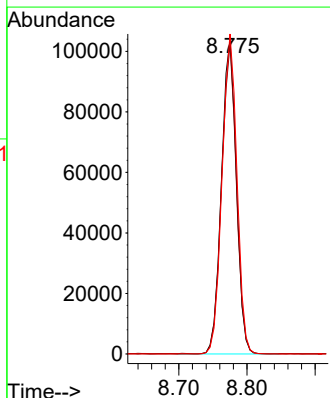
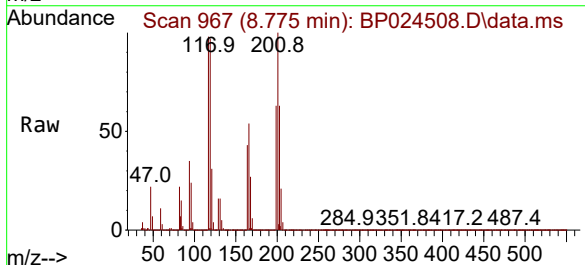
Instrument :
BNA_P
ClientSampleId :
WC-12MS

Tgt Ion:107 Resp: 334998
Ion Ratio Lower Upper
107 100
108 111.8 89.8 134.6
77 46.9 34.2 51.4
79 45.8 33.8 50.8



#18
Hexachloroethane
Concen: 46.167 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:117 Resp: 158058
Ion Ratio Lower Upper
117 100
119 98.6 77.8 116.6
201 101.7 75.9 113.9

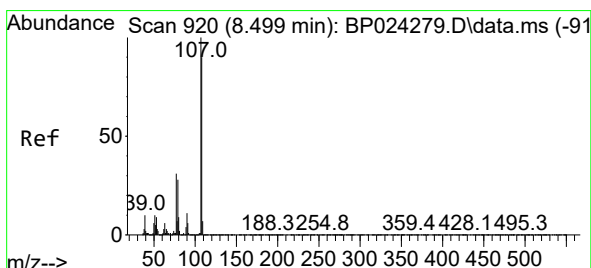
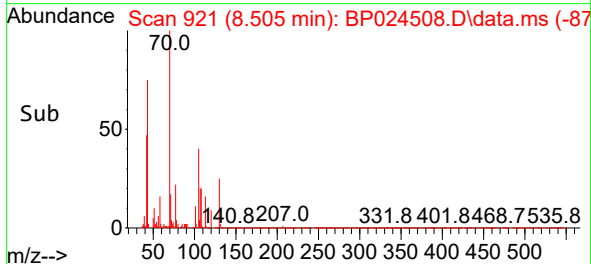
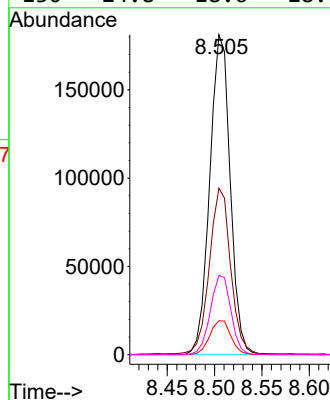
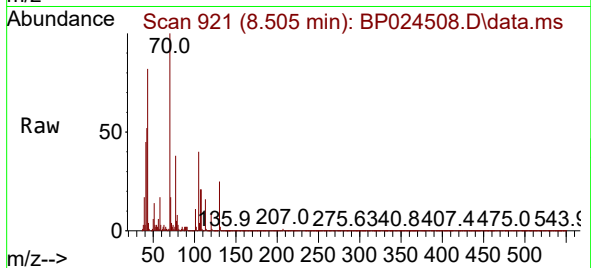




#19
n-Nitroso-di-n-propylamine
Concen: 41.088 ng
RT: 8.505 min Scan# 917
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

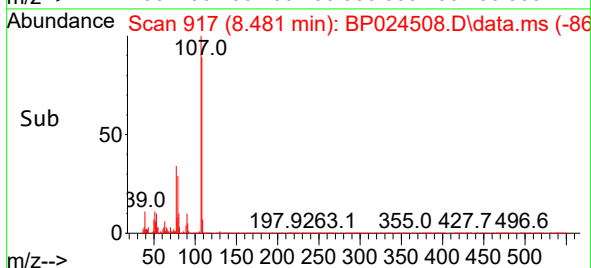
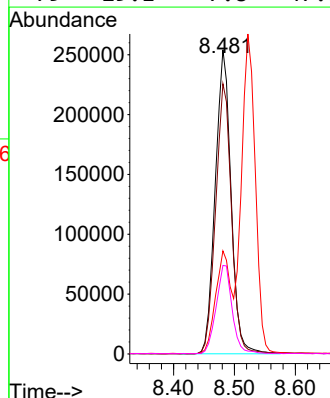
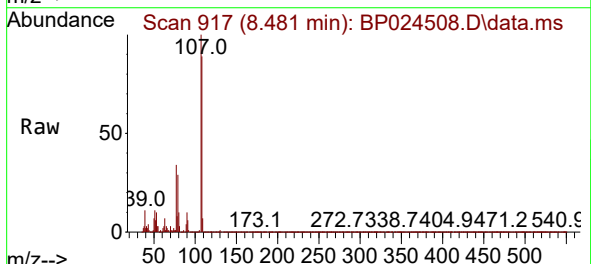
Instrument :
BNA_P
ClientSampleId :
WC-12MS

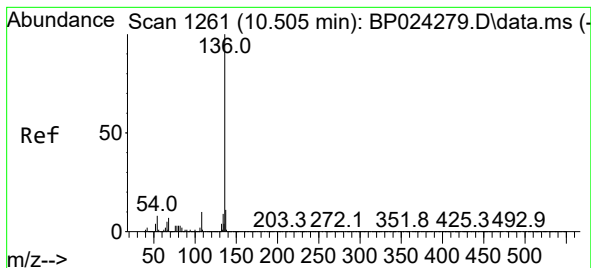
Tgt Ion: 70 Resp: 270373
Ion Ratio Lower Upper
70 100
42 52.0 37.3 55.9
101 10.6 8.2 12.4
130 24.8 18.6 28.0



#20
3+4-Methylphenols
Concen: 47.609 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 107 Resp: 455971
Ion Ratio Lower Upper
107 100
108 88.8 69.8 109.8
77 33.9 11.5 51.5
79 29.1 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

Tgt Ion:136 Resp: 529811

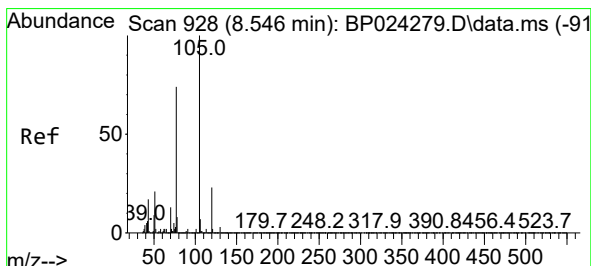
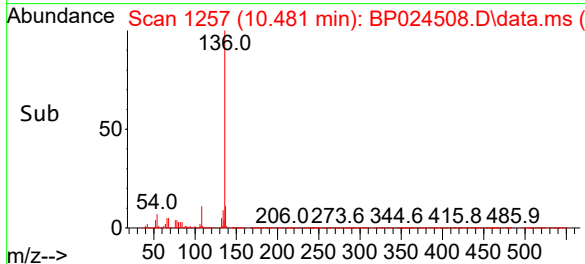
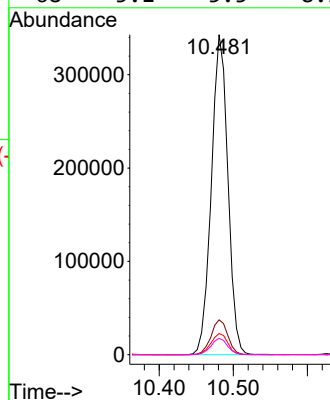
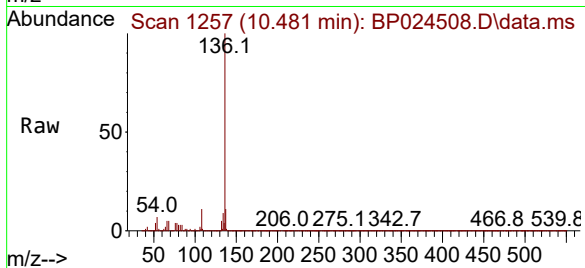
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.6 6.0 9.0

68 5.1 5.5 8.3#



#22

Acetophenone

Concen: 43.596 ng

RT: 8.522 min Scan# 924

Delta R.T. -0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Tgt Ion:105 Resp: 571686

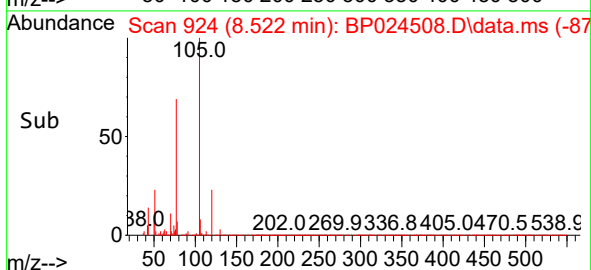
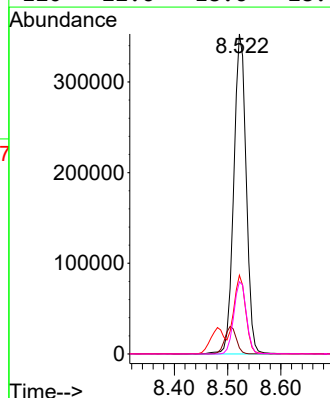
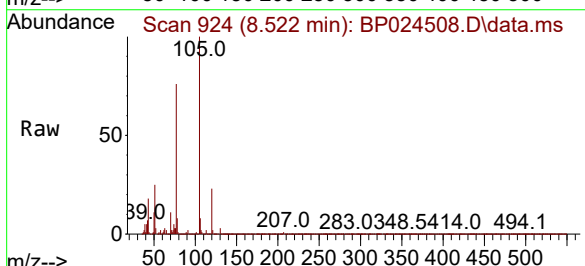
Ion Ratio Lower Upper

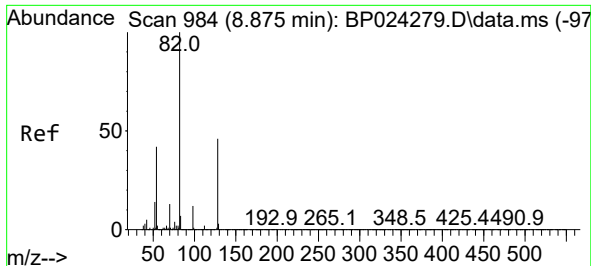
105 100

71 1.9 1.7 2.5

51 24.6 16.9 25.3

120 22.6 18.6 28.0

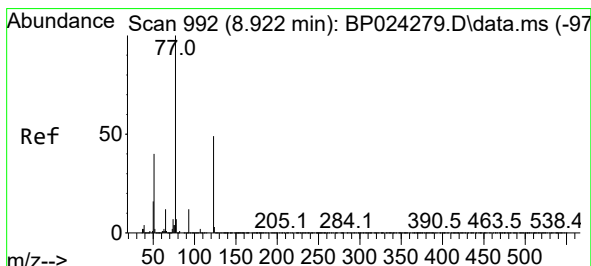
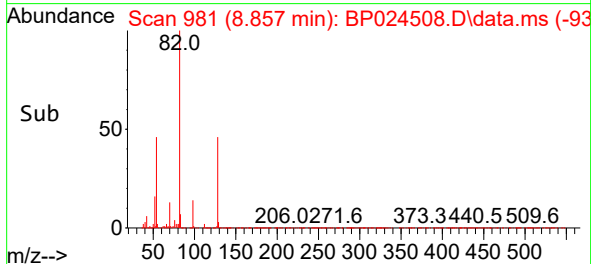
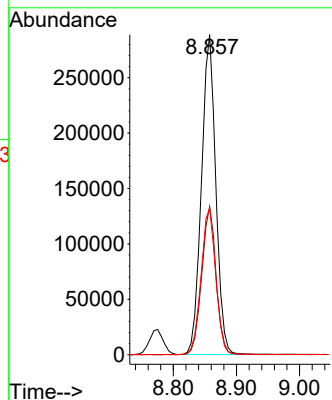
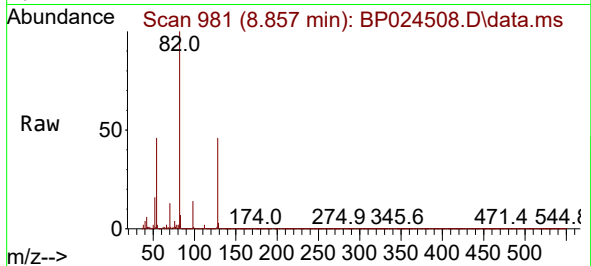




#23
Nitrobenzene-d5
Concen: 49.032 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

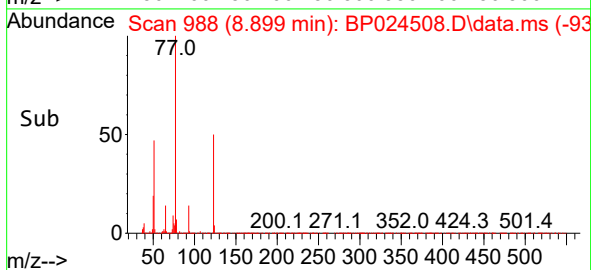
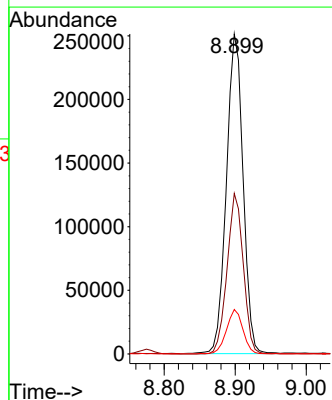
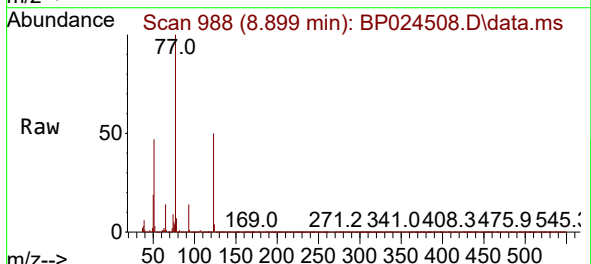
Instrument :
BNA_P
ClientSampleId :
WC-12MS

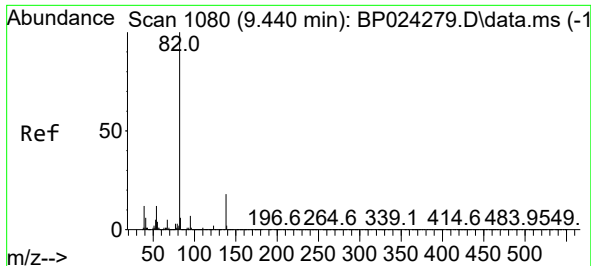
Tgt Ion: 82 Resp: 455580
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 45.8 33.4 50.2



#24
Nitrobenzene
Concen: 44.509 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 77 Resp: 409113
Ion Ratio Lower Upper
77 100
123 50.2 39.2 58.8
65 13.9 9.8 14.6

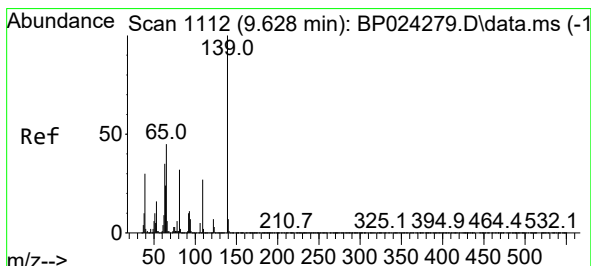
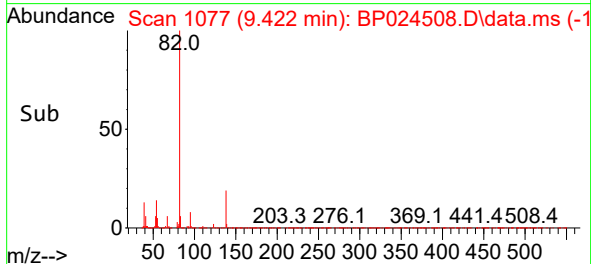
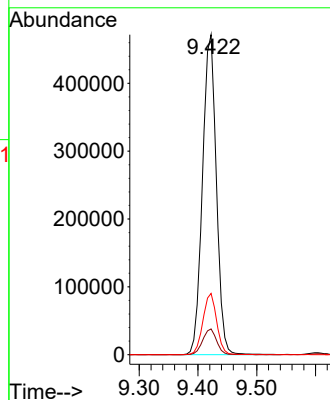
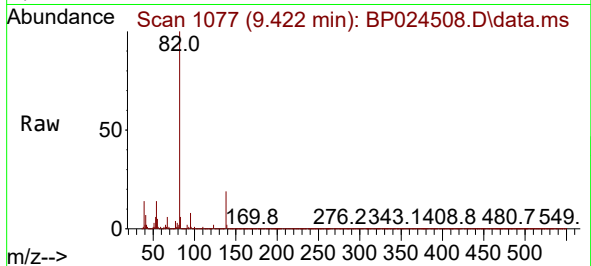




#25
Isophorone
Concen: 45.951 ng
RT: 9.422 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

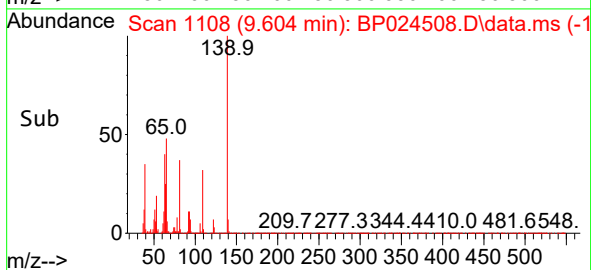
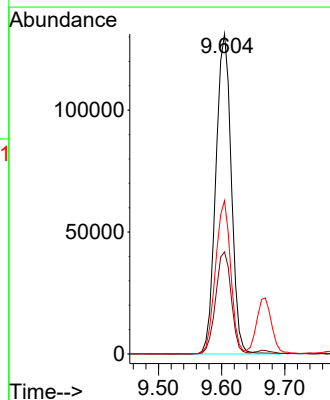
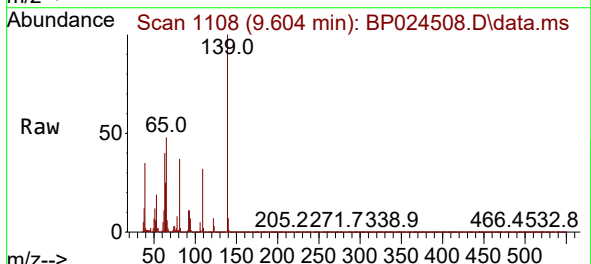
Instrument :
BNA_P
ClientSampleId :
WC-12MS

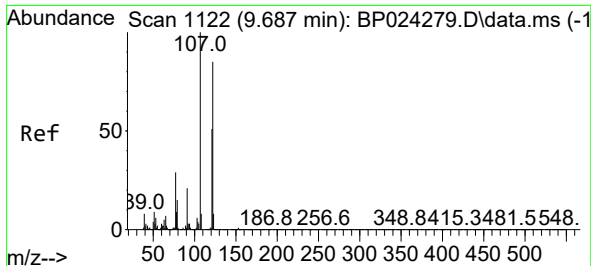
Tgt Ion: 82 Resp: 772807
Ion Ratio Lower Upper
82 100
95 8.1 5.4 8.2
138 19.1 14.4 21.6



#26
2-Nitrophenol
Concen: 49.555 ng
RT: 9.604 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 139 Resp: 222908
Ion Ratio Lower Upper
139 100
109 31.9 21.8 32.6
65 47.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 66.356 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

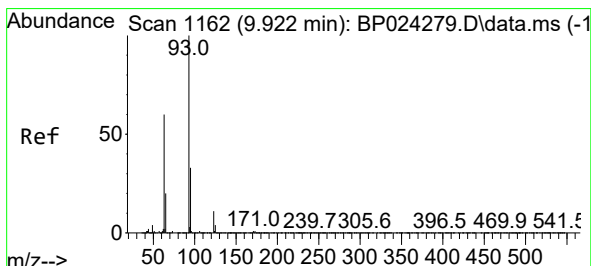
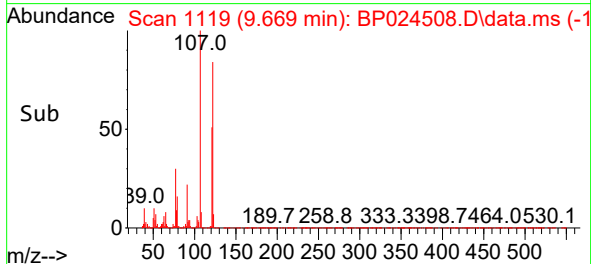
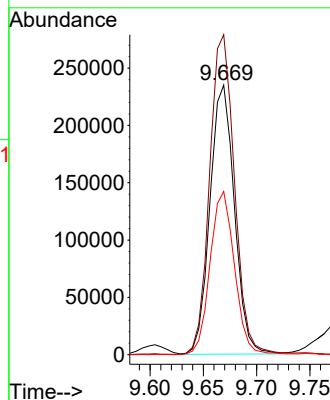
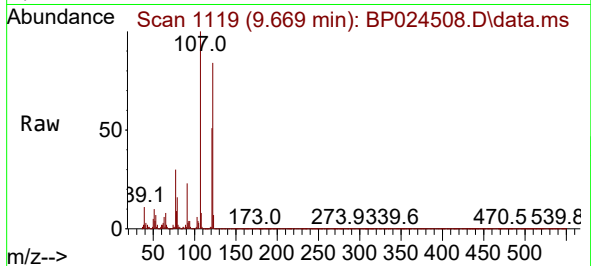
Tgt Ion:122 Resp: 374778

Ion Ratio Lower Upper

122 100

107 118.7 93.7 140.5

121 60.5 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 41.567 ng

RT: 9.899 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

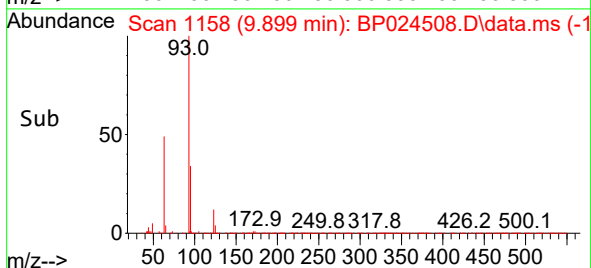
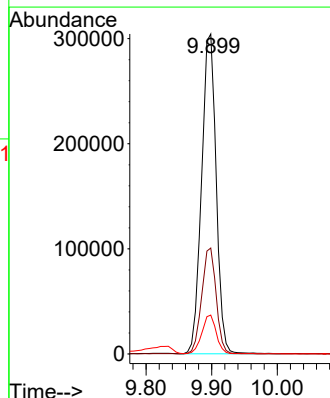
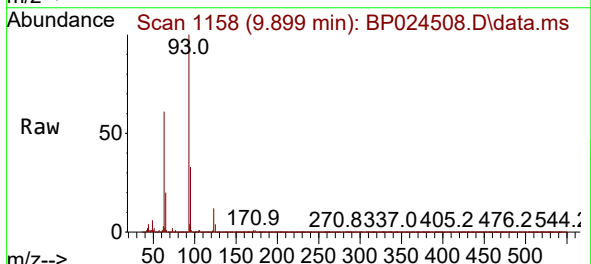
Tgt Ion: 93 Resp: 472255

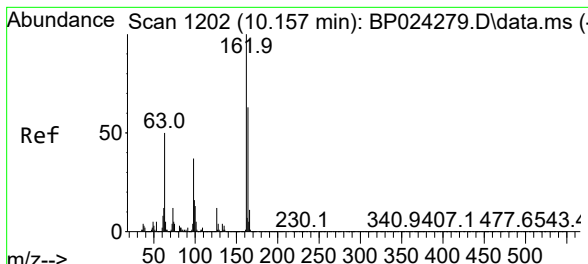
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 12.2 9.1 13.7



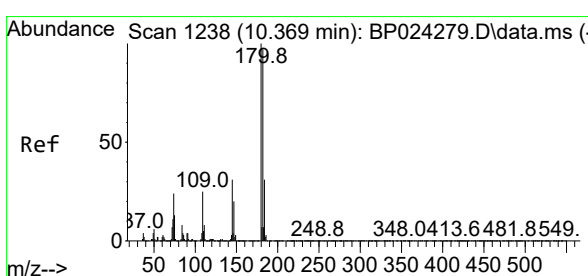
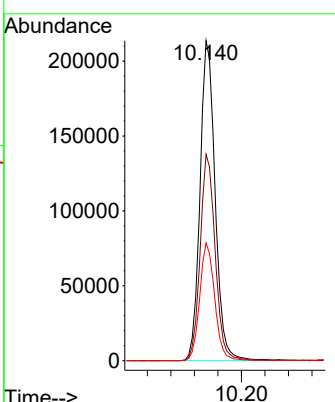
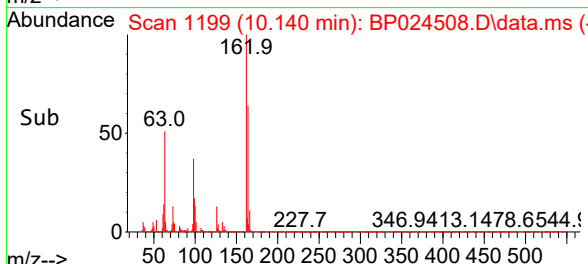
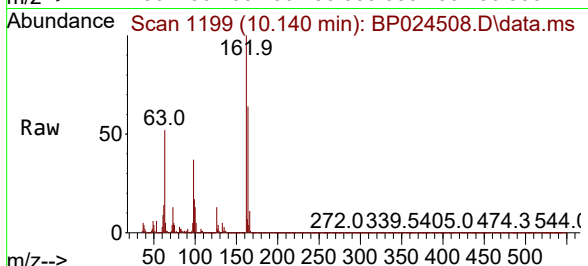


#29
 2,4-Dichlorophenol
 Concen: 49.713 ng
 RT: 10.140 min Scan# 1199
 Delta R.T. -0.012 min
 Lab File: BP024508.D
 Acq: 02 May 2025 14:15

Instrument :
 BNA_P
 ClientSampleId :
 WC-12MS

Tgt Ion:162 Resp: 382842

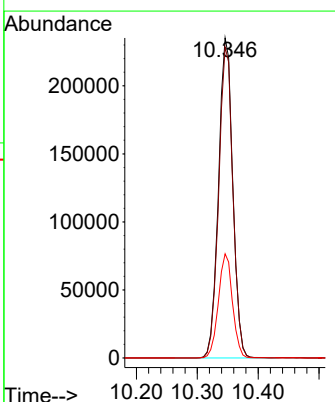
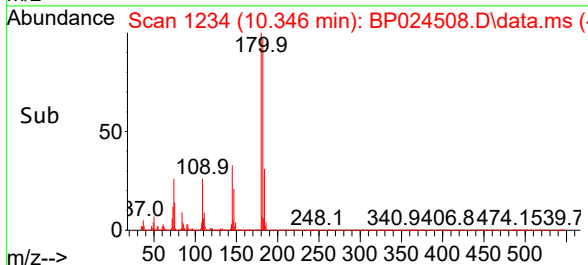
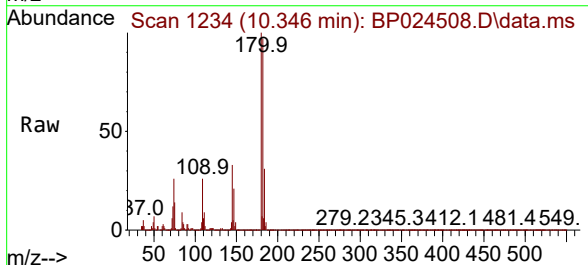
Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.3	83.3
98	36.8	16.6	56.6

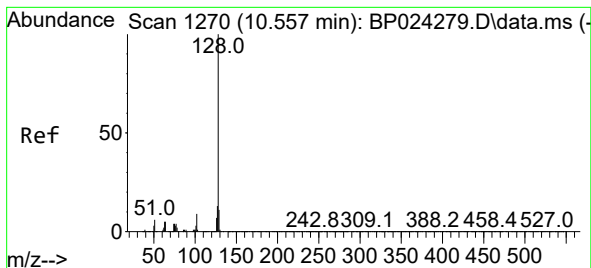


#30
 1,2,4-Trichlorobenzene
 Concen: 46.315 ng
 RT: 10.346 min Scan# 1234
 Delta R.T. -0.018 min
 Lab File: BP024508.D
 Acq: 02 May 2025 14:15

Tgt Ion:180 Resp: 382150

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.3	115.9
145	32.6	25.1	37.7

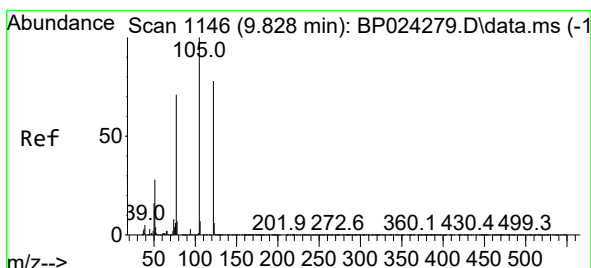
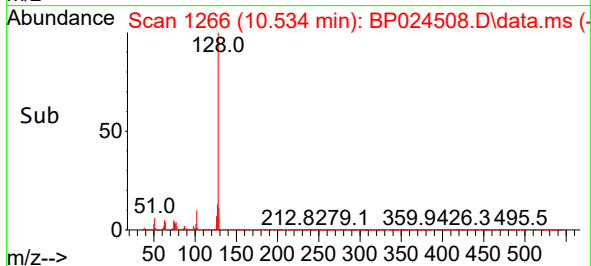
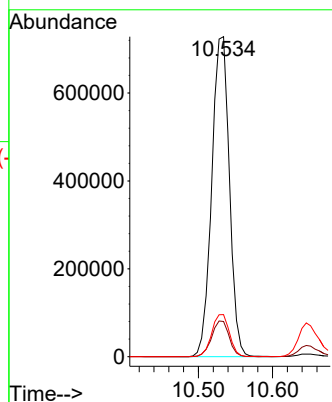
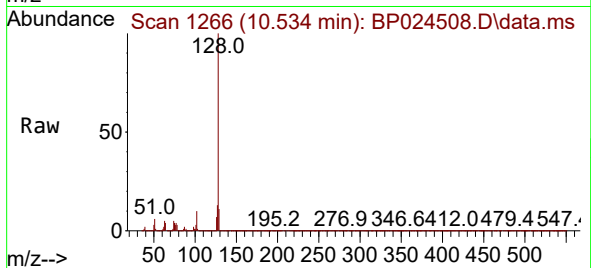




#31
Naphthalene
Concen: 43.081 ng
RT: 10.534 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

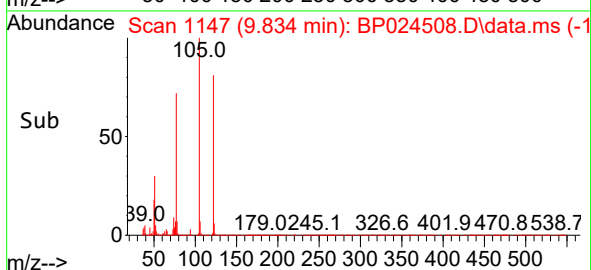
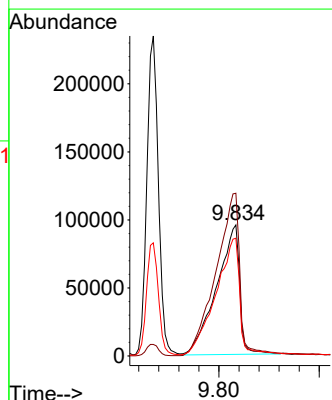
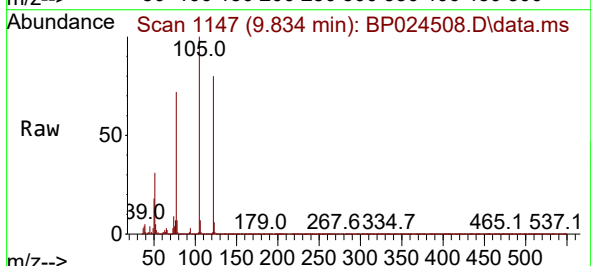
Instrument :
BNA_P
ClientSampleId :
WC-12MS

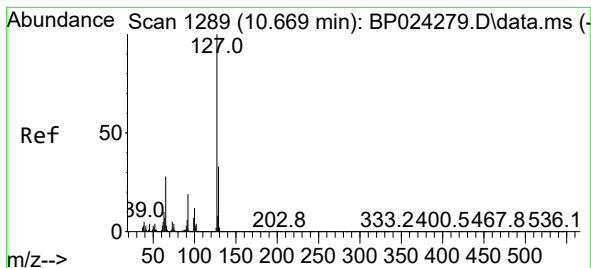
Tgt Ion:128 Resp: 1202312
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 46.331 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:122 Resp: 304910
Ion Ratio Lower Upper
122 100
105 124.2 104.8 144.8
77 89.8 69.2 109.2





#33

4-Chloroaniline

Concen: 15.824 ng

RT: 10.646 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

Tgt Ion:127 Resp: 155522

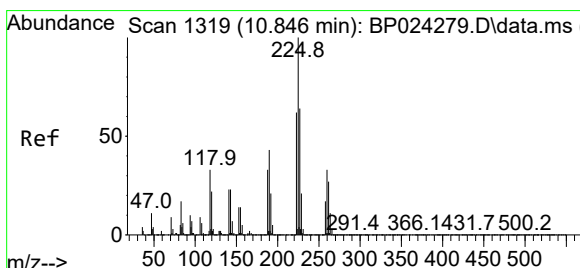
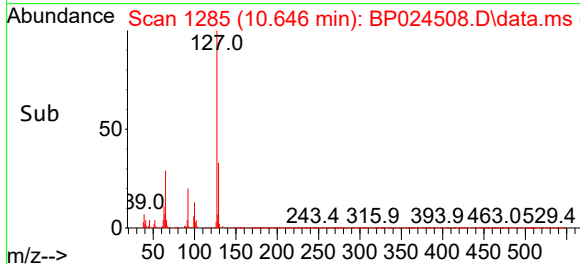
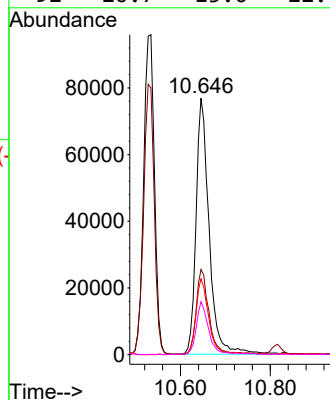
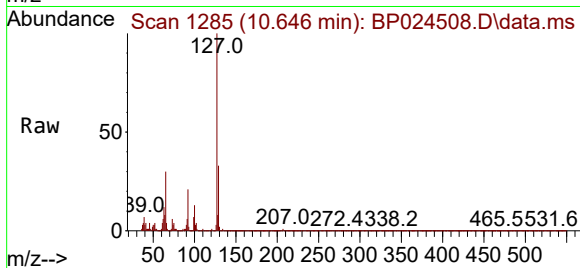
Ion Ratio Lower Upper

127 100

129 33.2 26.1 39.1

65 29.5 22.1 33.1

92 20.7 15.0 22.4



#34

Hexachlorobutadiene

Concen: 50.092 ng

RT: 10.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

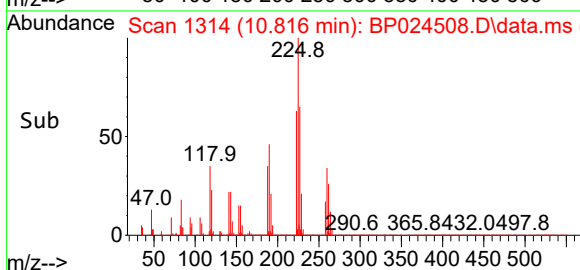
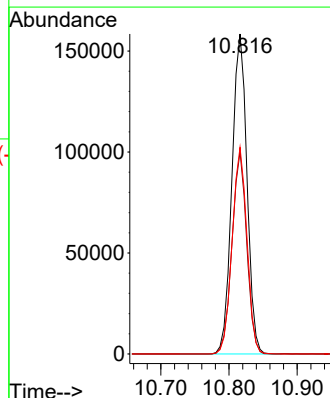
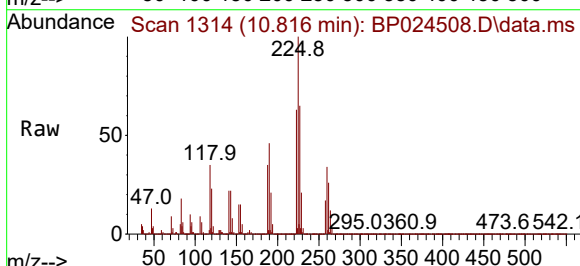
Tgt Ion:225 Resp: 242875

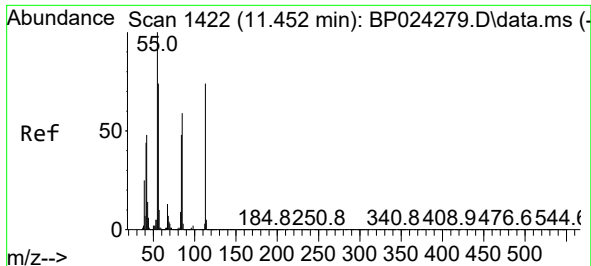
Ion Ratio Lower Upper

225 100

223 63.1 49.5 74.3

227 64.6 50.9 76.3

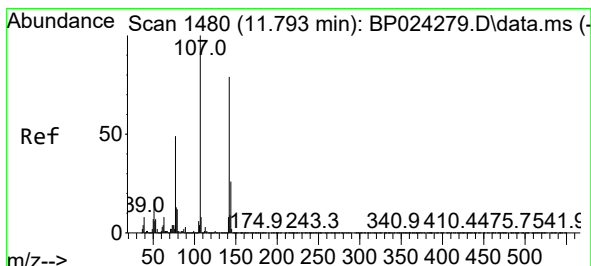
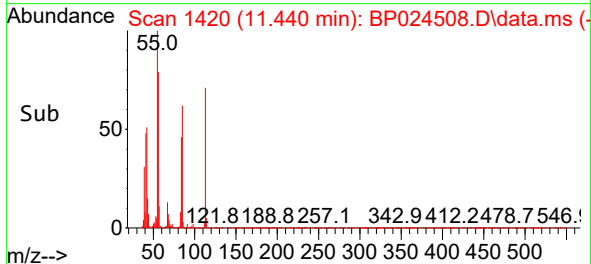
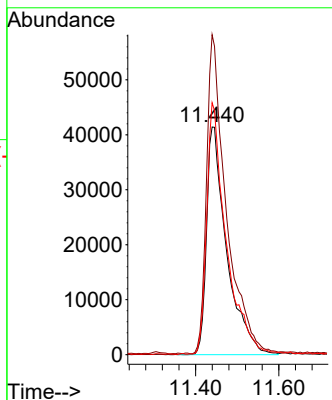
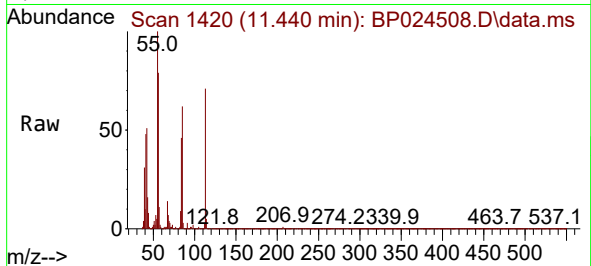




#35
Caprolactam
Concen: 48.893 ng
RT: 11.440 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

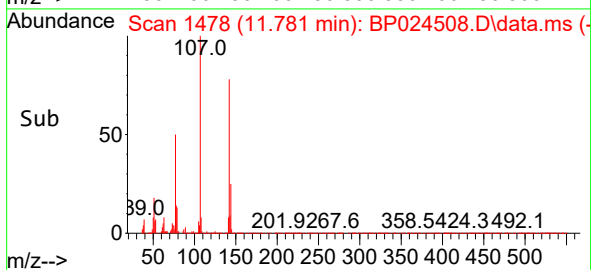
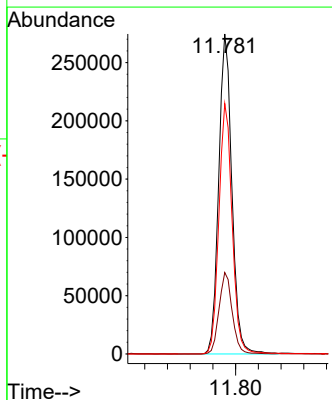
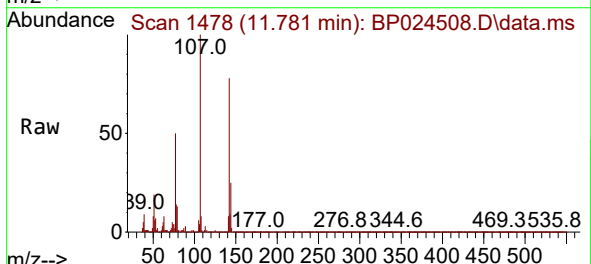
Instrument :
BNA_P
ClientSampleId :
WC-12MS

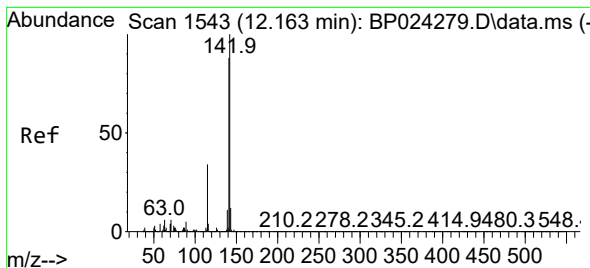
Tgt Ion:113 Resp: 138930
Ion Ratio Lower Upper
113 100
55 140.6 115.9 155.9
56 110.7 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 49.322 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:107 Resp: 442417
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 78.3 63.4 95.2





#37

2-Methylnaphthalene

Concen: 39.842 ng

RT: 12.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

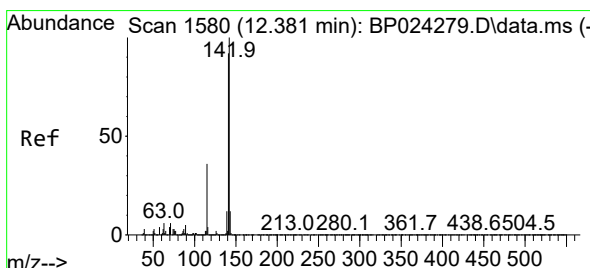
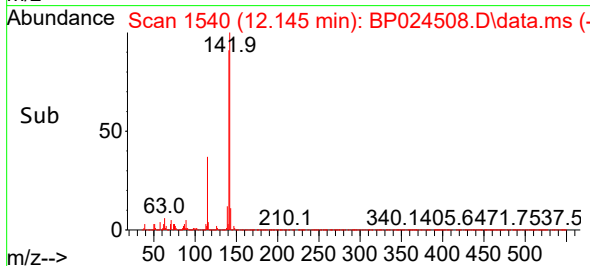
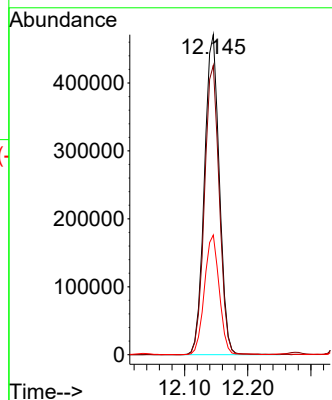
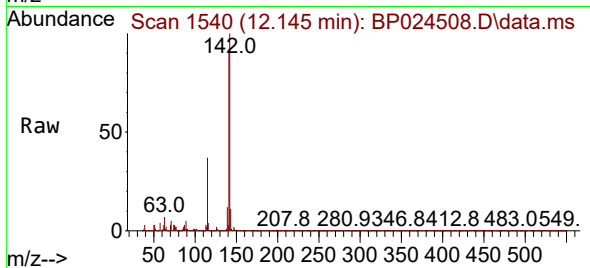
Tgt Ion:142 Resp: 771140

Ion Ratio Lower Upper

142 100

141 90.4 70.3 105.5

115 37.4 26.9 40.3



#38

1-Methylnaphthalene

Concen: 43.410 ng

RT: 12.363 min Scan# 1577

Delta R.T. -0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

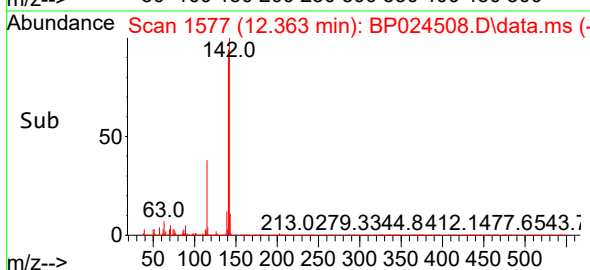
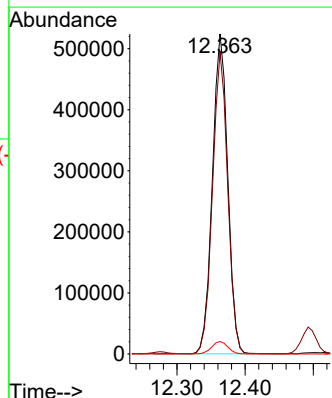
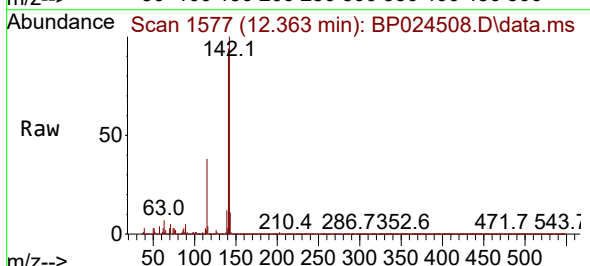
Tgt Ion:142 Resp: 821953

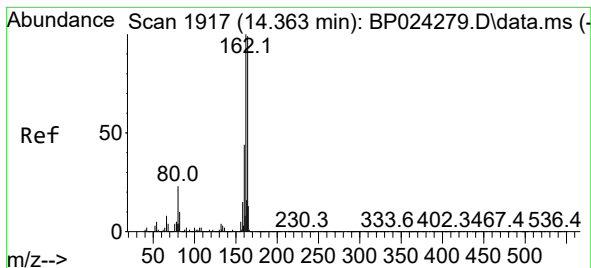
Ion Ratio Lower Upper

142 100

141 94.4 73.6 110.4

116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

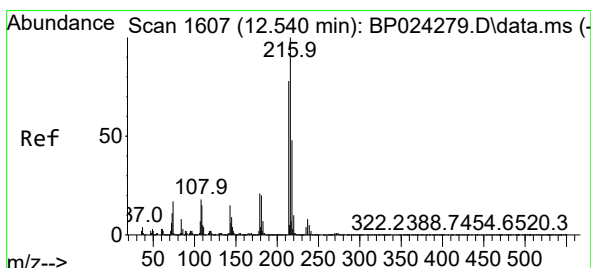
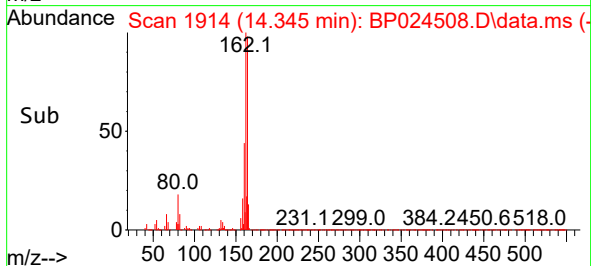
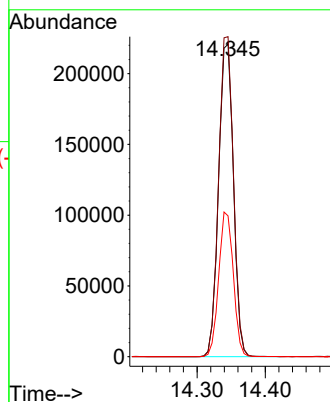
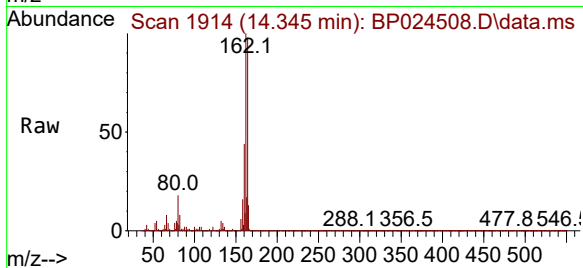
Tgt Ion:164 Resp: 334311

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 45.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.225 ng

RT: 12.516 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Tgt Ion:216 Resp: 443363

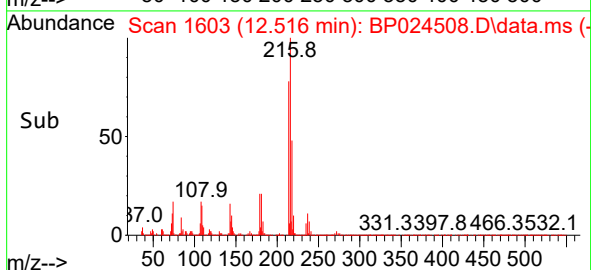
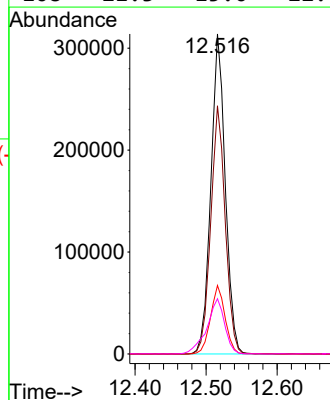
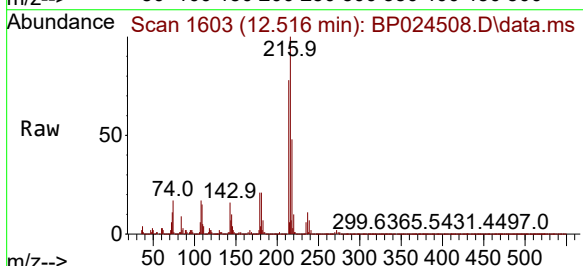
Ion Ratio Lower Upper

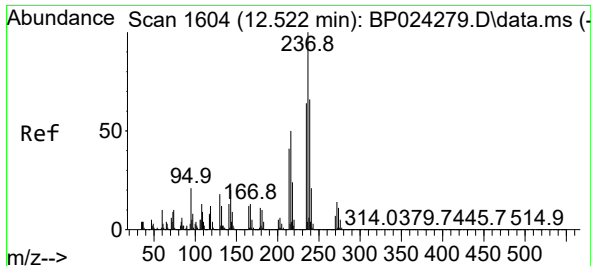
216 100

214 77.9 62.6 93.8

179 21.6 17.2 25.8

108 21.3 15.0 22.6

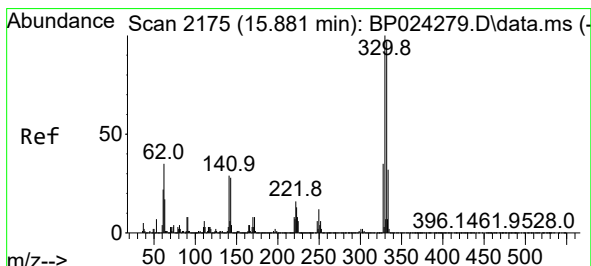
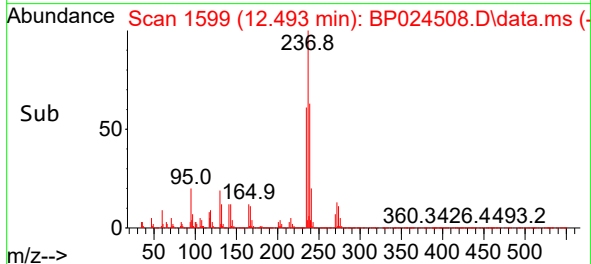
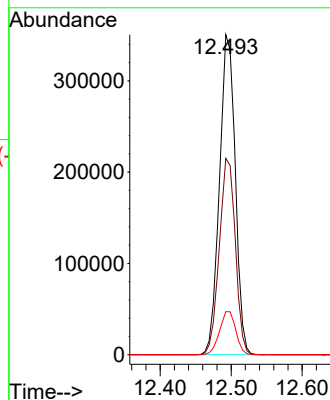
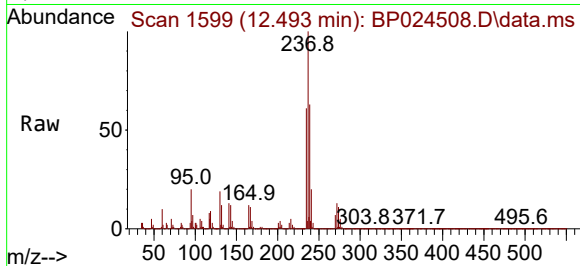




#41
Hexachlorocyclopentadiene
Concen: 166.042 ng
RT: 12.493 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

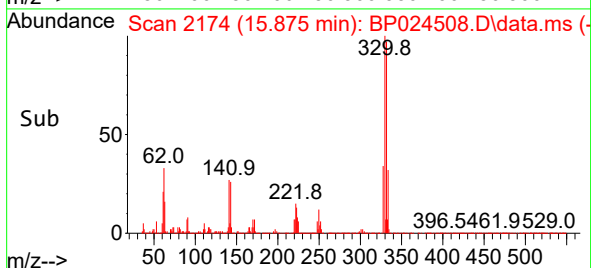
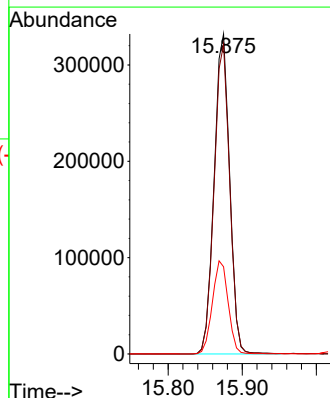
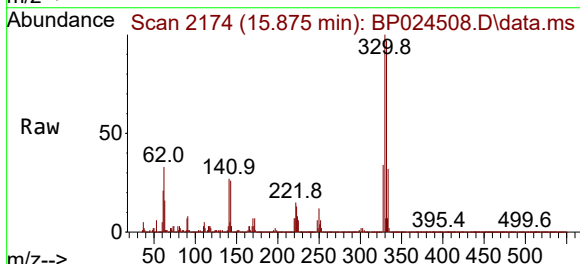
Instrument :
BNA_P
ClientSampleId :
WC-12MS

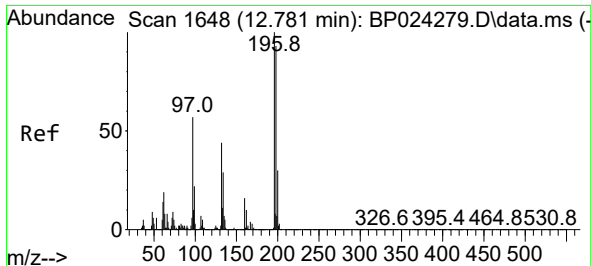
Tgt Ion:237 Resp: 539891
Ion Ratio Lower Upper
237 100
235 61.4 43.9 83.9
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 104.327 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:330 Resp: 482553
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.5 24.7 37.1

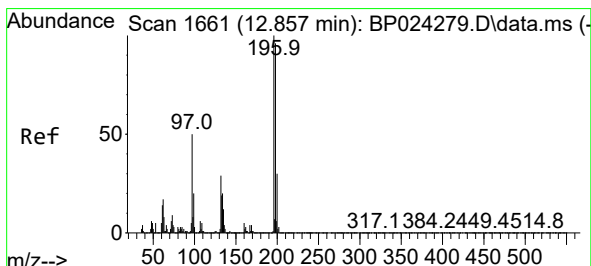
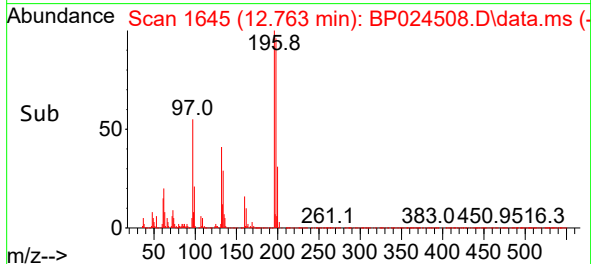
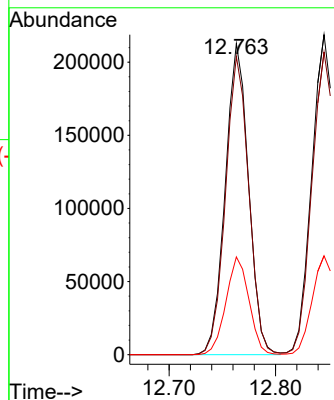
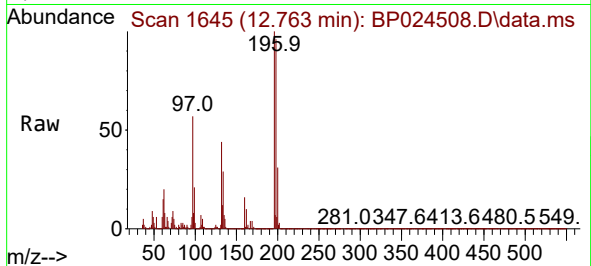




#43
2,4,6-Trichlorophenol
Concen: 52.760 ng
RT: 12.763 min Scan# 1645
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

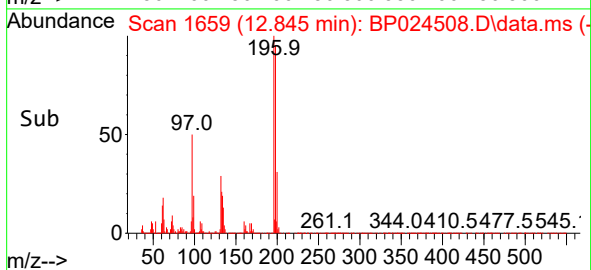
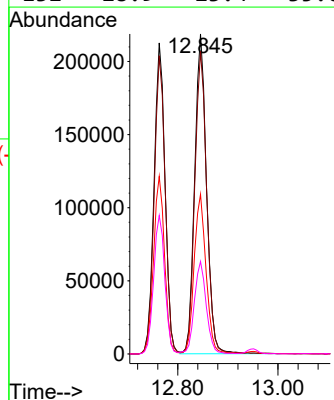
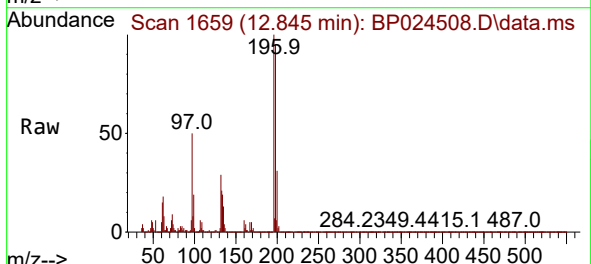
Instrument :
BNA_P
ClientSampleId :
WC-12MS

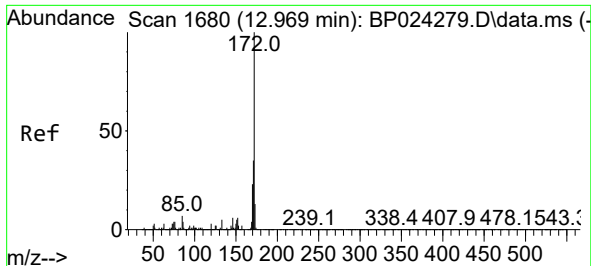
Tgt Ion:196 Resp: 322491
Ion Ratio Lower Upper
196 100
198 95.9 74.3 111.5
200 31.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 53.161 ng
RT: 12.845 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:196 Resp: 359833
Ion Ratio Lower Upper
196 100
198 94.6 77.3 115.9
97 49.9 40.4 60.6
132 28.9 23.4 35.0

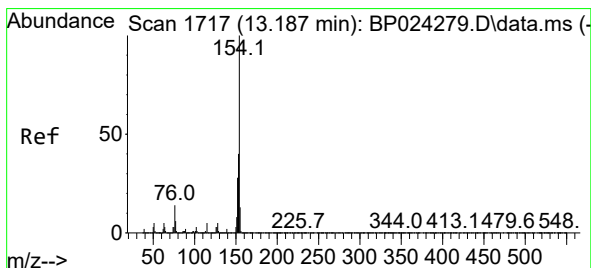
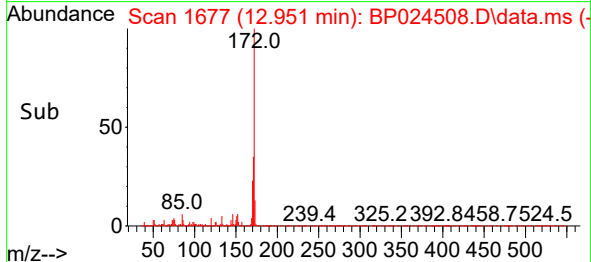
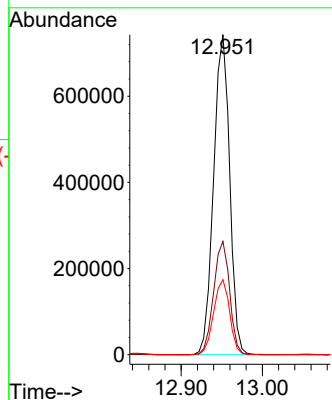
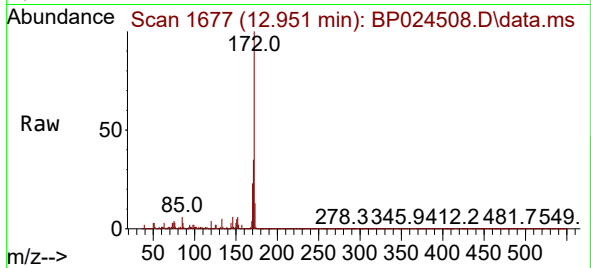




#45
2-Fluorobiphenyl
Concen: 46.660 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

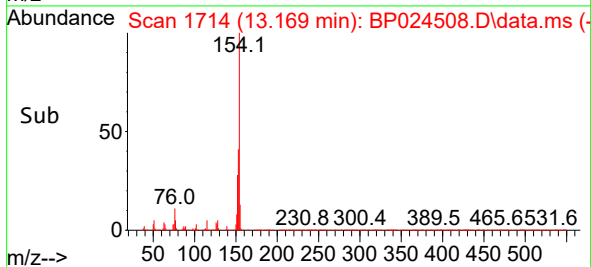
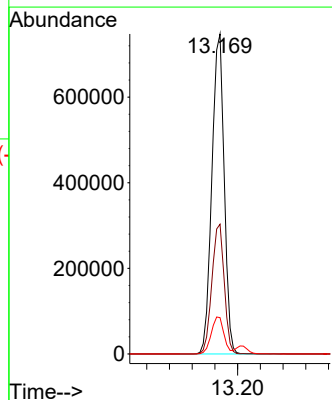
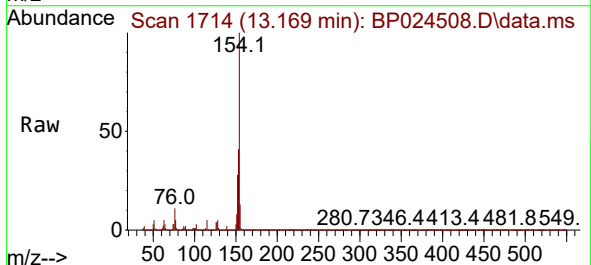
Instrument :
BNA_P
ClientSampleId :
WC-12MS

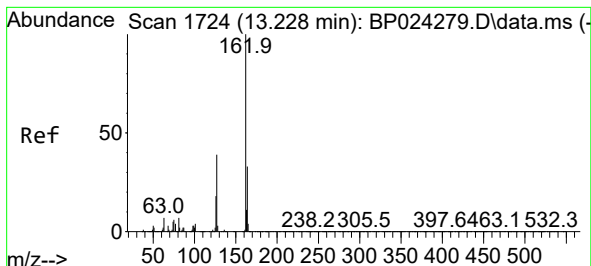
Tgt Ion:172 Resp: 1018808
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 45.494 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:154 Resp: 1117964
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 11.4 0.0 33.5





#47

2-Chloronaphthalene

Concen: 46.475 ng

RT: 13.210 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

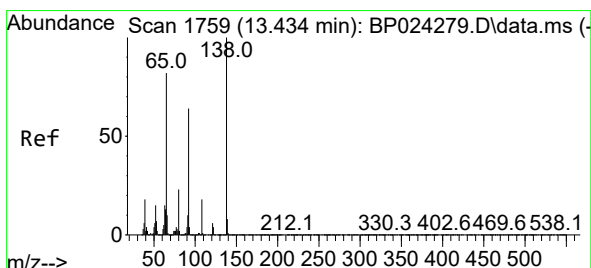
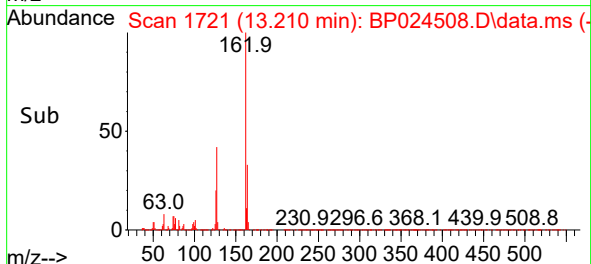
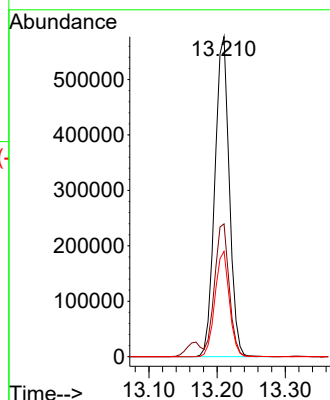
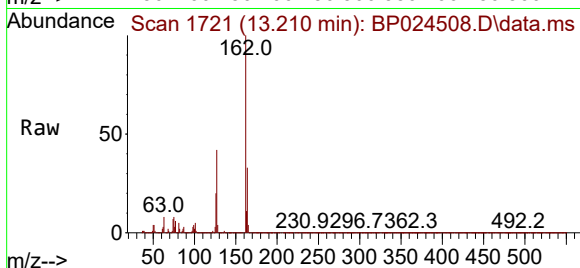
Tgt Ion:162 Resp: 853561

Ion Ratio Lower Upper

162 100

127 41.5 31.9 47.9

164 32.9 26.2 39.4



#48

2-Nitroaniline

Concen: 52.935 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

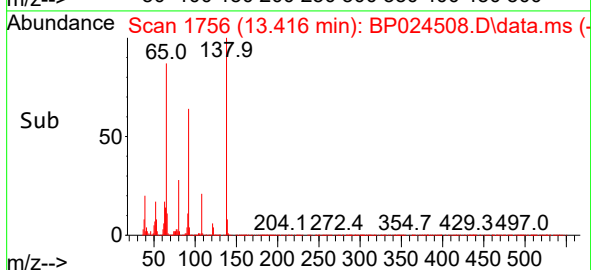
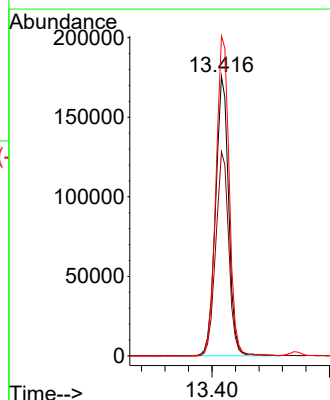
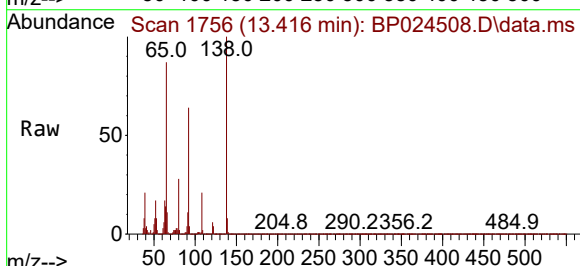
Tgt Ion: 65 Resp: 272707

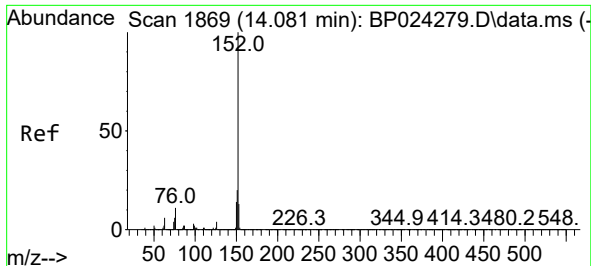
Ion Ratio Lower Upper

65 100

92 73.0 62.3 93.5

138 114.5 97.2 145.8

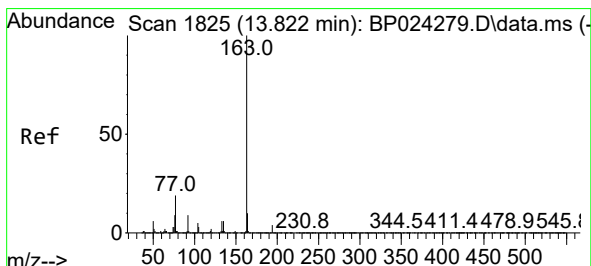
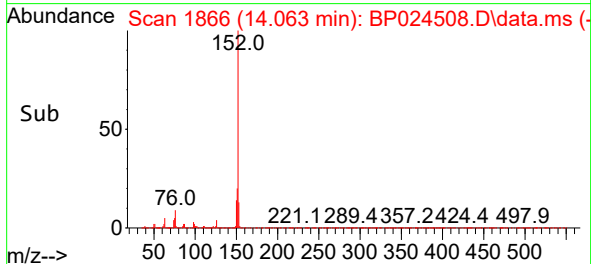
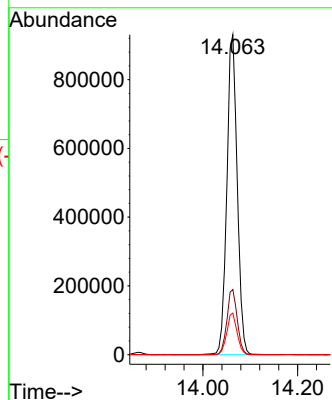
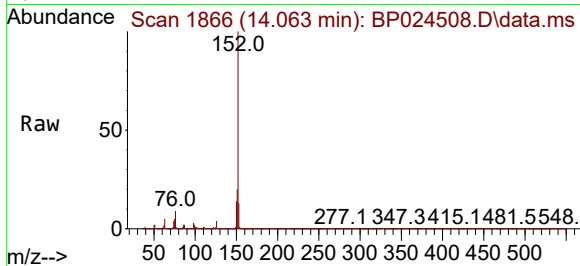




#49
Acenaphthylene
Concen: 48.978 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

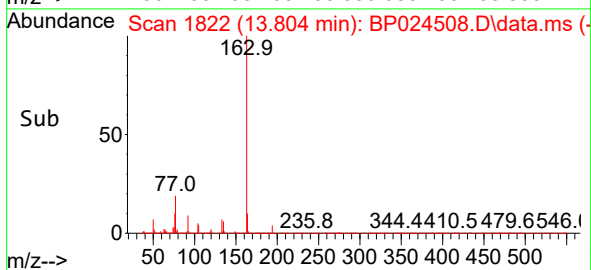
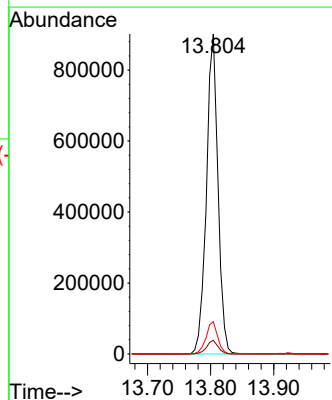
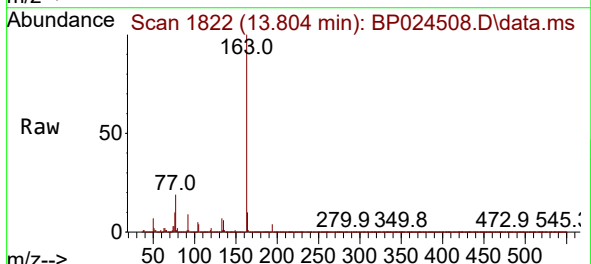
Instrument :
BNA_P
ClientSampleId :
WC-12MS

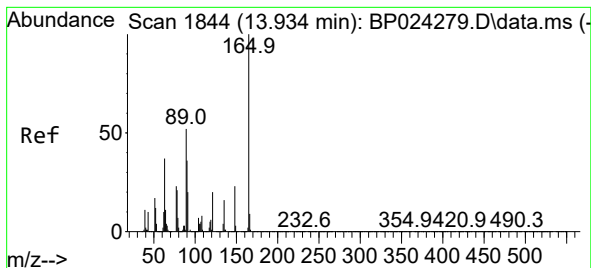
Tgt Ion:152 Resp: 1416246
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 47.211 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:163 Resp: 1147782
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.1 8.0 12.0

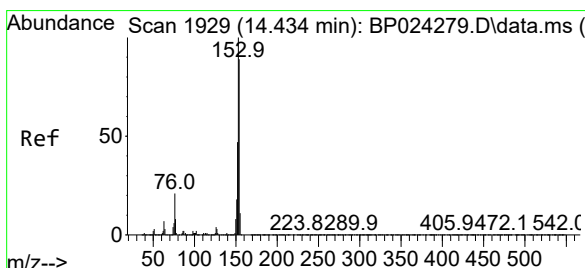
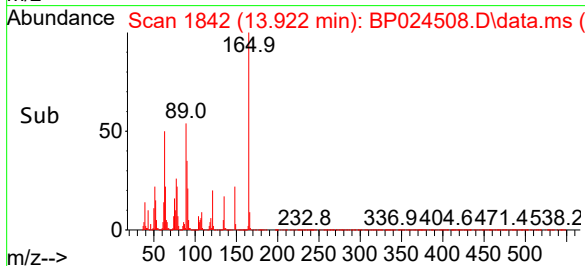
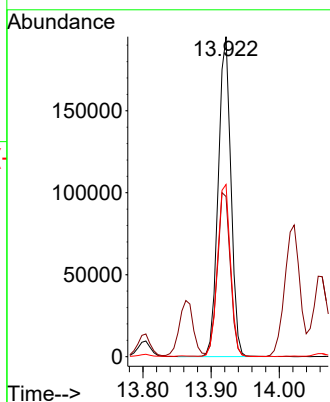
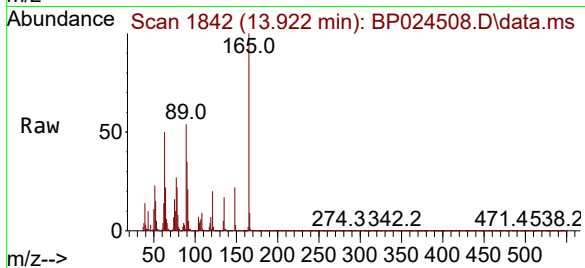




#51
2,6-Dinitrotoluene
Concen: 48.896 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

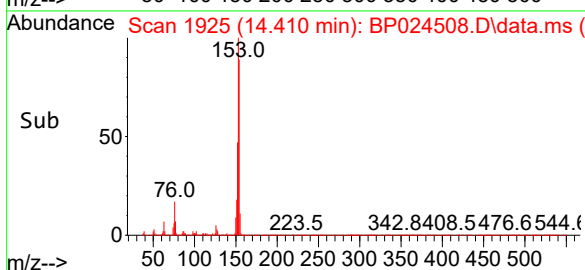
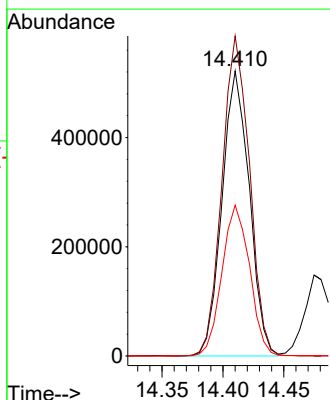
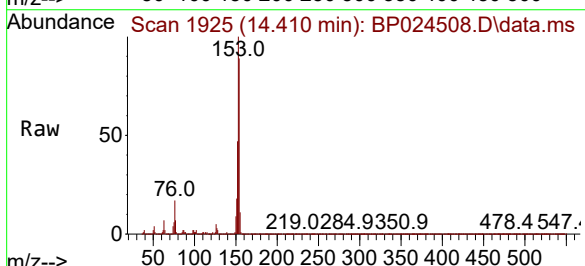
Instrument :
BNA_P
ClientSampleId :
WC-12MS

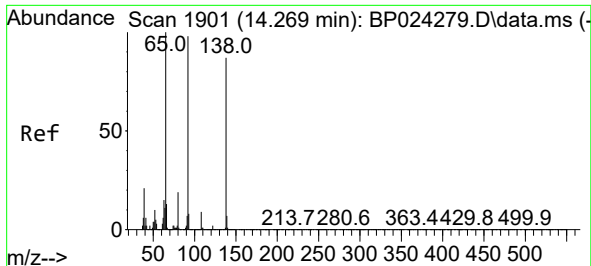
Tgt Ion:165 Resp: 252428
Ion Ratio Lower Upper
165 100
63 50.1 38.0 57.0
89 53.8 41.7 62.5



#52
Acenaphthene
Concen: 44.404 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:154 Resp: 813997
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 52.9 42.6 63.8

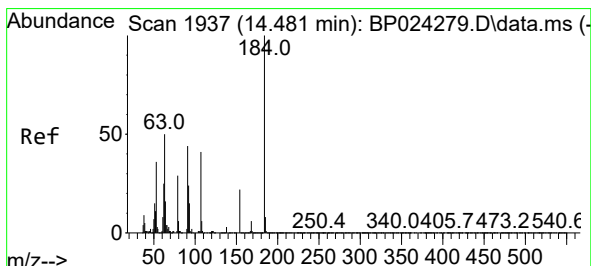
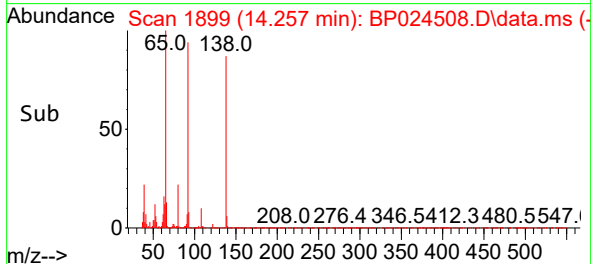
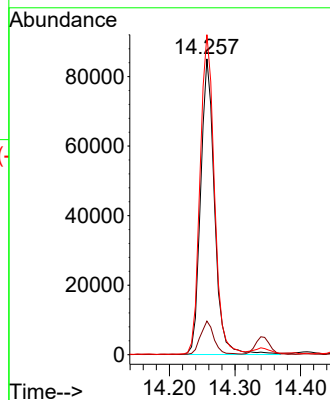
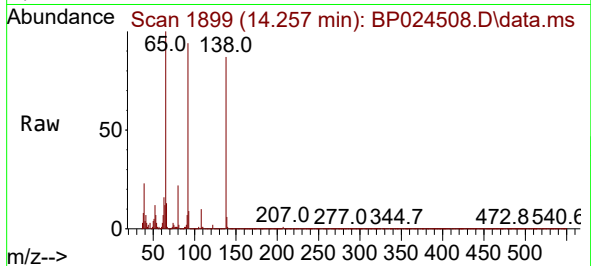




#53
3-Nitroaniline
Concen: 23.199 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

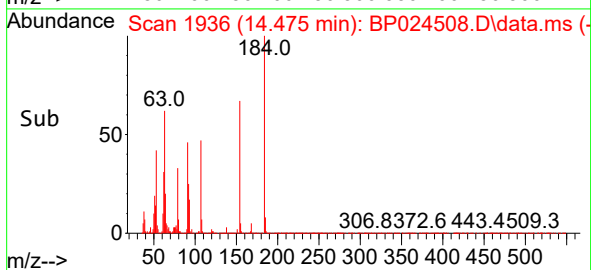
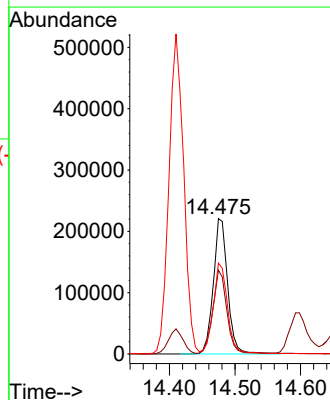
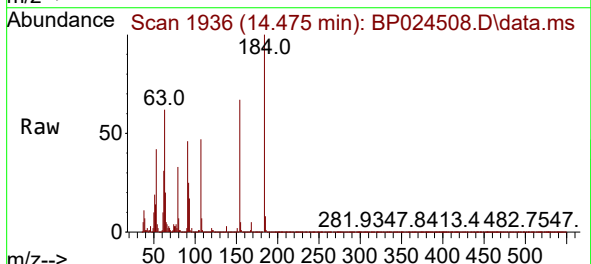
Instrument :
BNA_P
ClientSampleId :
WC-12MS

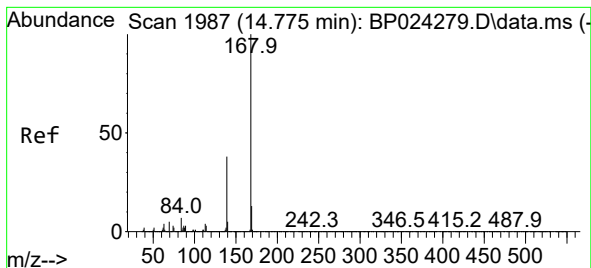
Tgt Ion:138 Resp: 125876
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 108.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 110.333 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:184 Resp: 335521
Ion Ratio Lower Upper
184 100
63 61.9 42.6 64.0
154 67.1 47.2 70.8





#55

Dibenzofuran

Concen: 43.861 ng

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

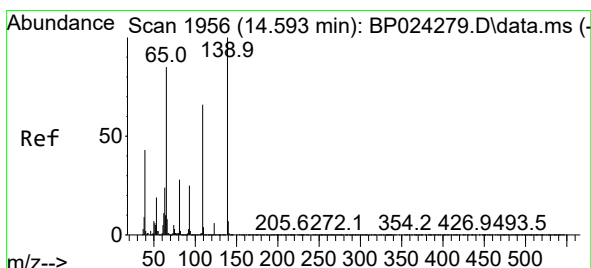
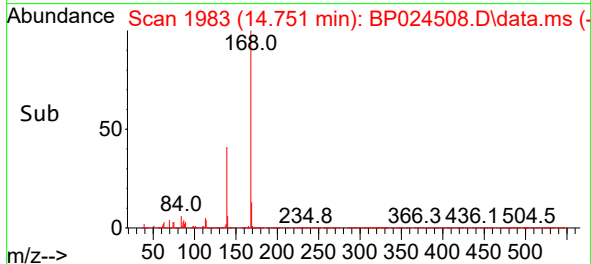
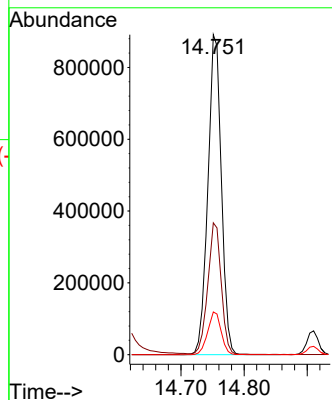
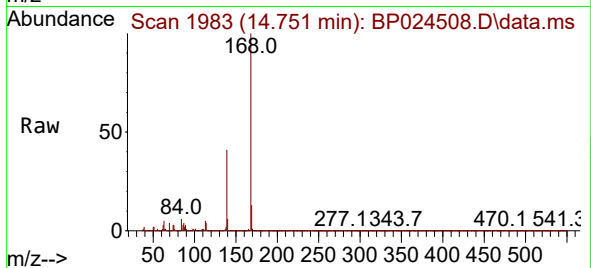
Tgt Ion:168 Resp: 1314274

Ion Ratio Lower Upper

168 100

139 41.2 30.3 45.5

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 108.329 ng

RT: 14.598 min Scan# 1957

Delta R.T. 0.006 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

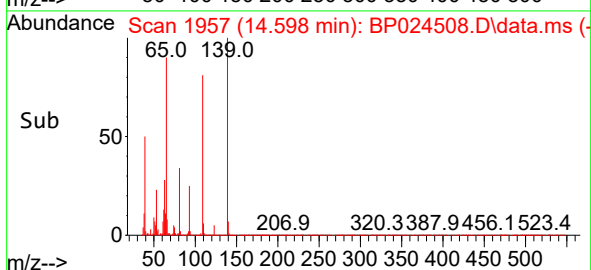
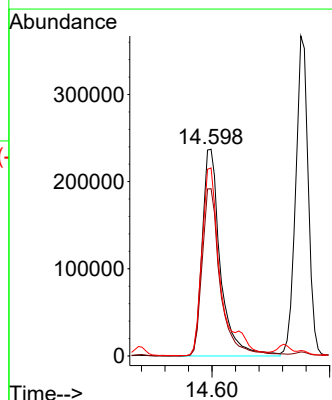
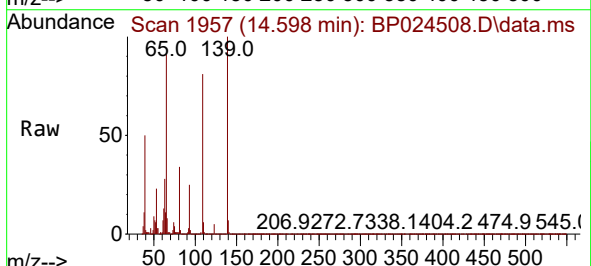
Tgt Ion:139 Resp: 507642

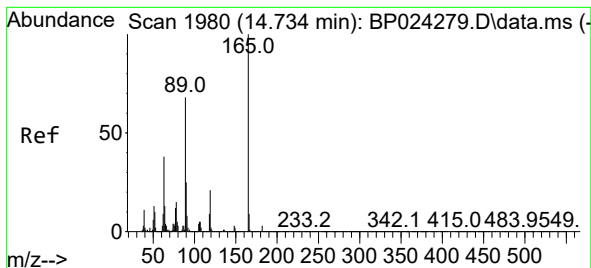
Ion Ratio Lower Upper

139 100

109 80.9 46.1 86.1

65 90.9 65.0 105.0

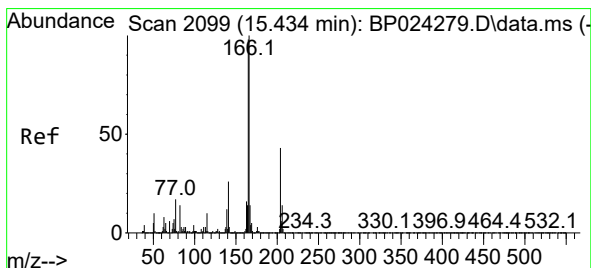
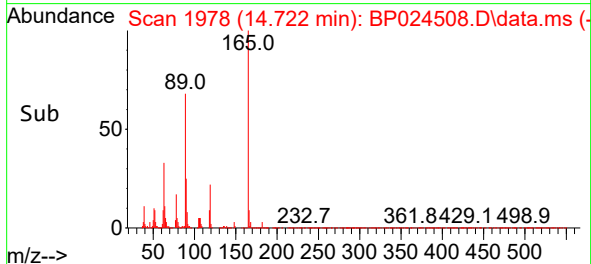
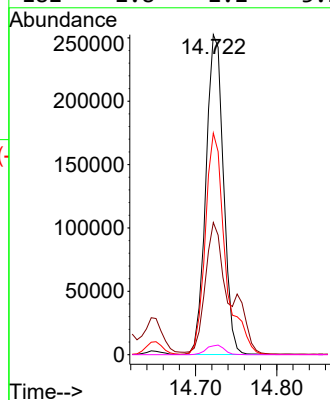
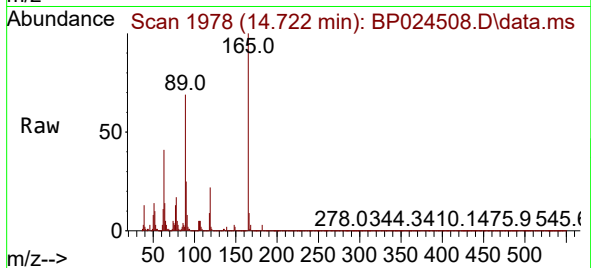




#57
2,4-Dinitrotoluene
Concen: 53.579 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

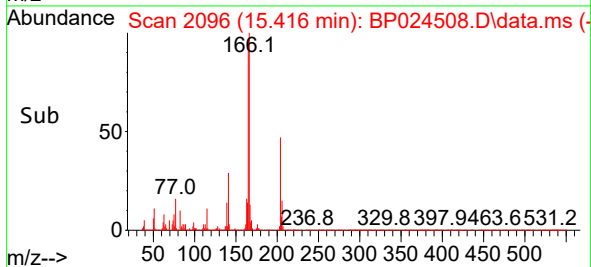
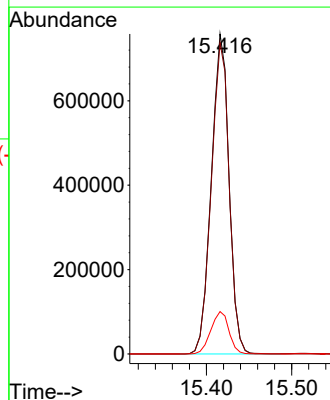
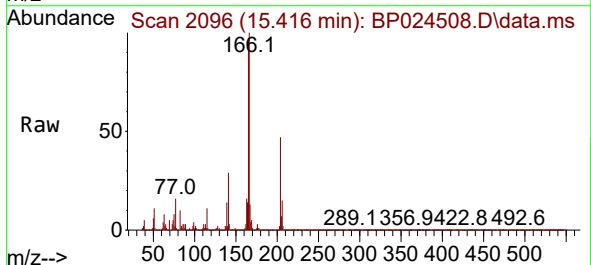
Instrument :
BNA_P
ClientSampleId :
WC-12MS

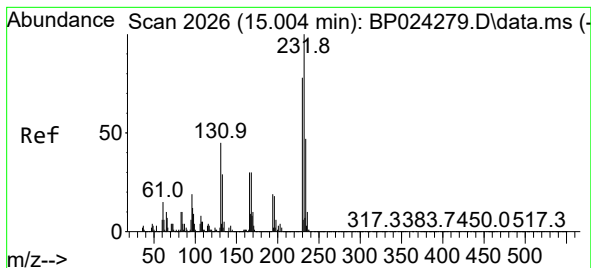
Tgt Ion:165 Resp: 377319
Ion Ratio Lower Upper
165 100
63 41.3 30.4 45.6
89 69.3 54.6 82.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 47.153 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:166 Resp: 1093790
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.3 10.9 16.3

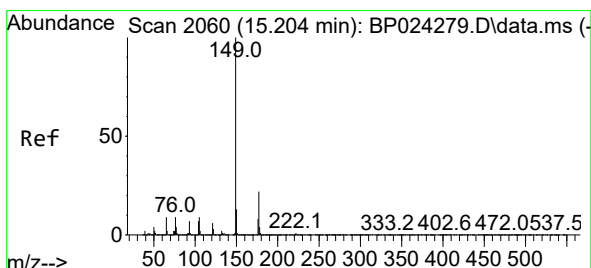
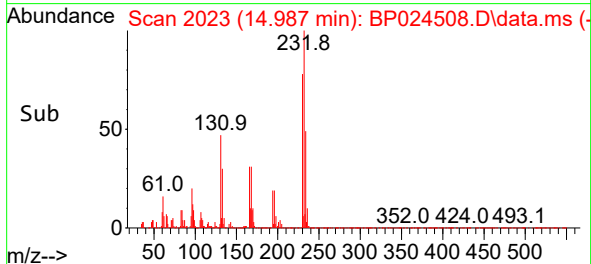
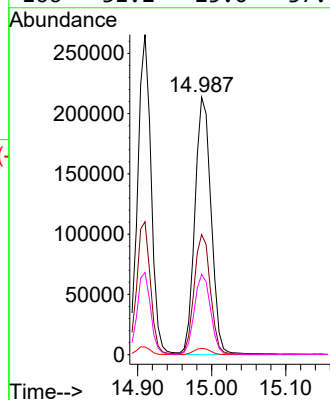
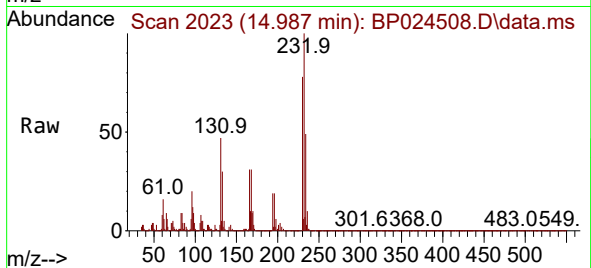




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.835 ng
RT: 14.987 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

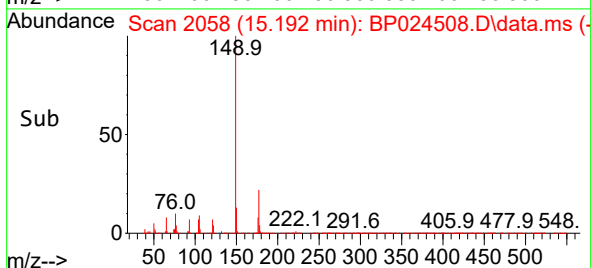
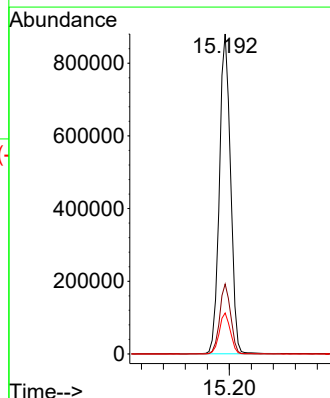
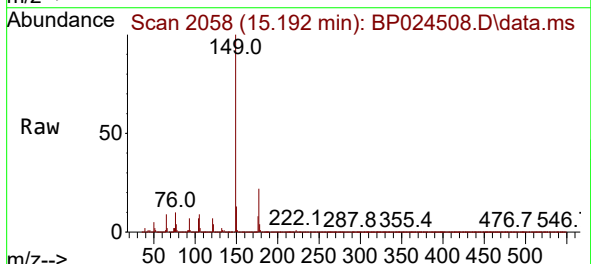
Instrument :
BNA_P
ClientSampleId :
WC-12MS

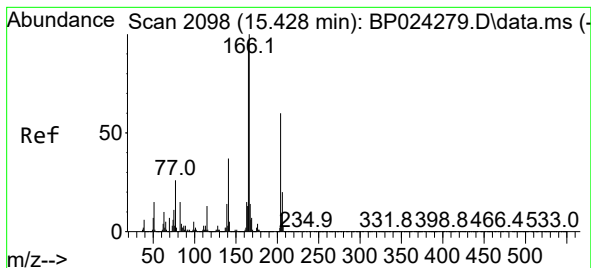
Tgt Ion:232 Resp: 323599
Ion Ratio Lower Upper
232 100
131 47.0 36.8 55.2
130 2.6 1.9 2.9
166 31.2 25.0 37.6



#60
Diethylphthalate
Concen: 49.531 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:149 Resp: 1240925
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.8 10.1 15.1

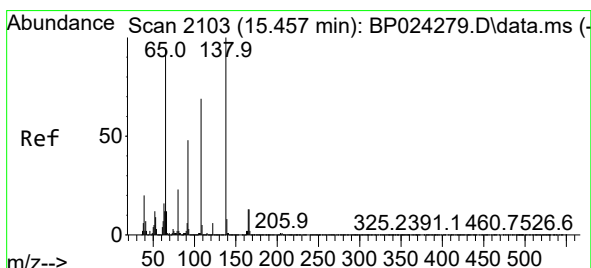
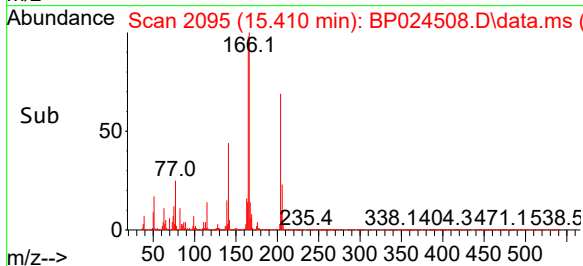
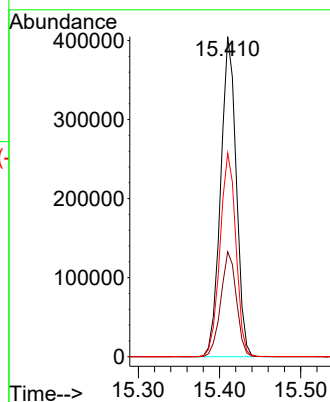
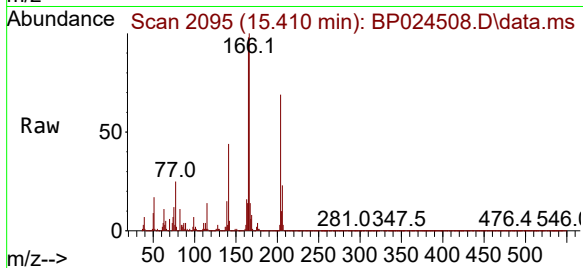




#61
4-Chlorophenyl-phenylether
Concen: 48.066 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

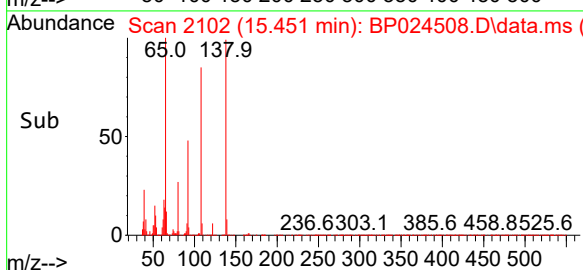
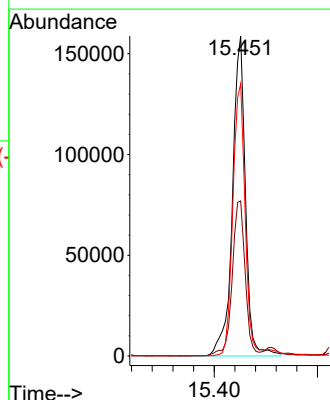
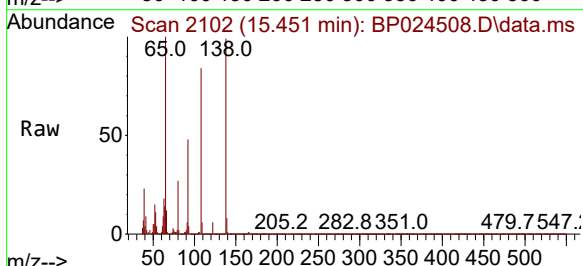
Instrument :
BNA_P
ClientSampleId :
WC-12MS

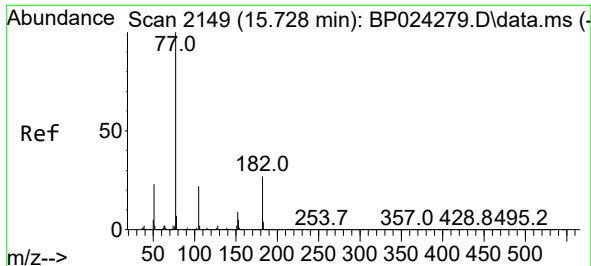
Tgt Ion:204 Resp: 541432
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 63.6 49.4 74.0



#62
4-Nitroaniline
Concen: 48.293 ng
RT: 15.451 min Scan# 2102
Delta R.T. 0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:138 Resp: 277391
Ion Ratio Lower Upper
138 100
92 48.4 27.8 67.8
108 85.1 48.9 88.9



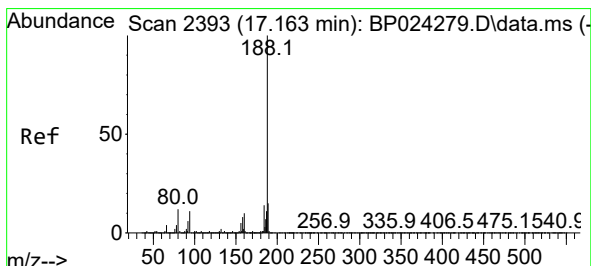
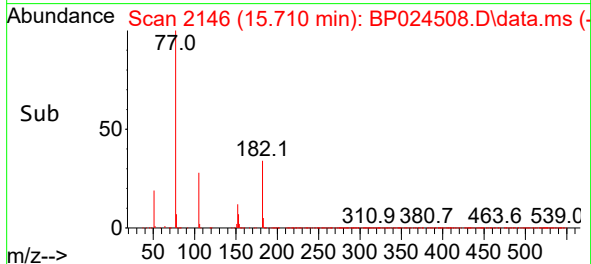
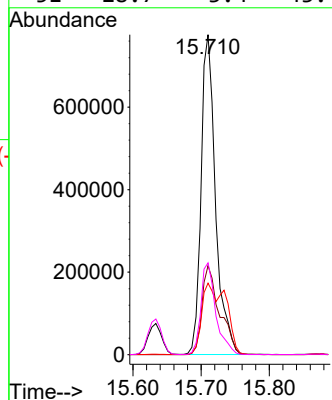
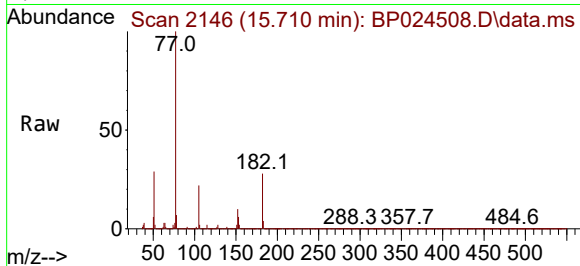


#63
Azobenzene
Concen: 49.641 ng
RT: 15.710 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Instrument :
BNA_P
ClientSampleId :
WC-12MS

Tgt Ion: 77 Resp: 1143093

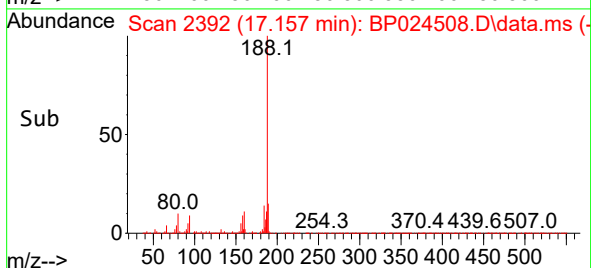
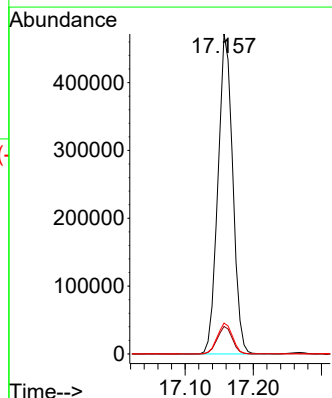
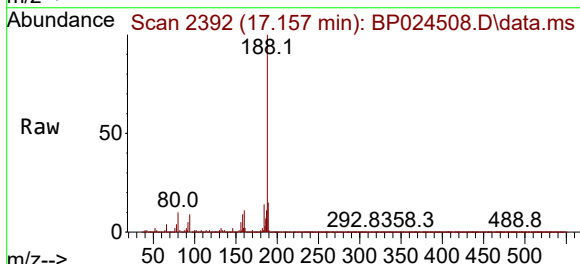
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.3	47.3
105	22.3	2.3	42.3
51	28.7	3.4	43.4

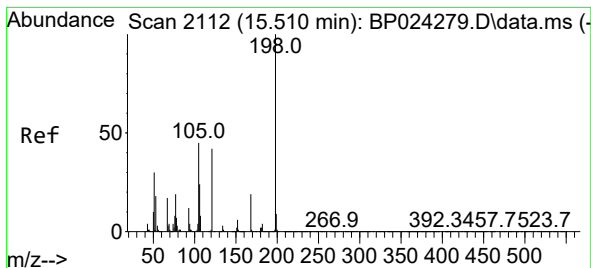


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion: 188 Resp: 712767

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.6	13.0#
80	9.6	9.8	14.6#

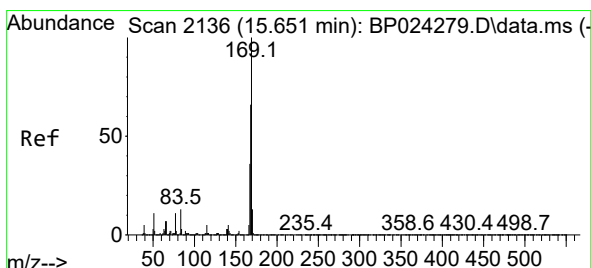
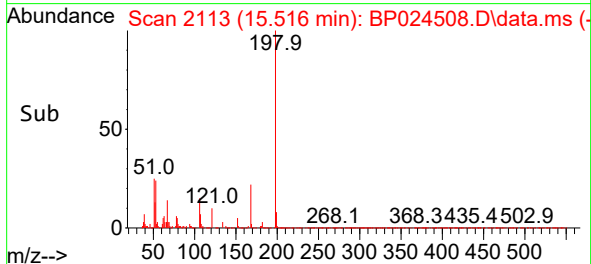
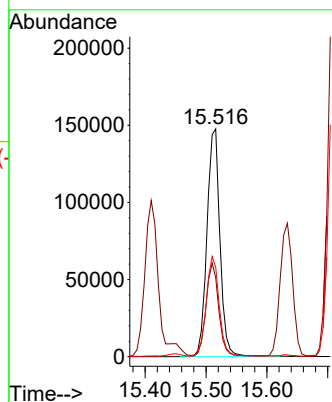
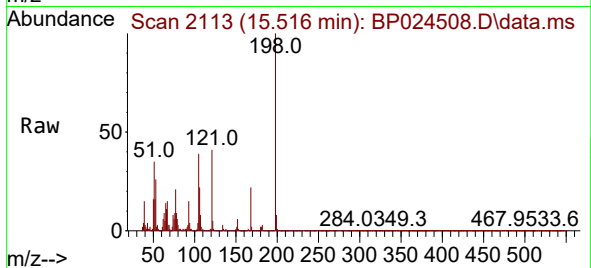




#65
4,6-Dinitro-2-methylphenol
Concen: 48.595 ng
RT: 15.516 min Scan# 2113
Delta R.T. 0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

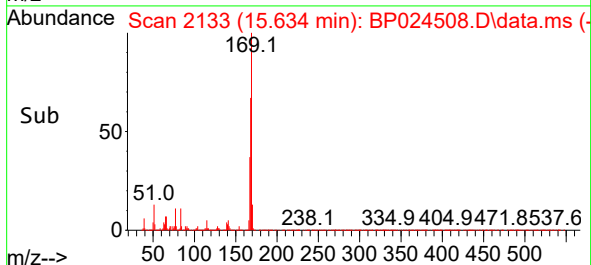
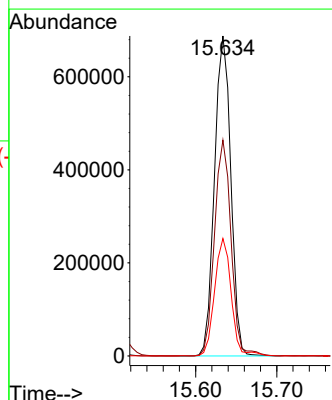
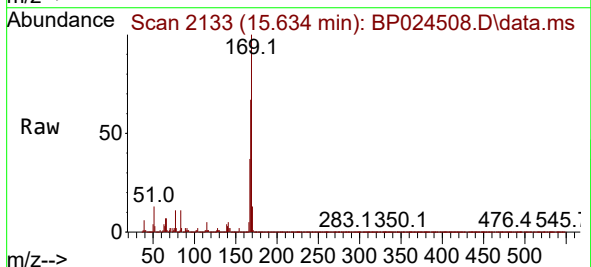
Instrument :
BNA_P
ClientSampleId :
WC-12MS

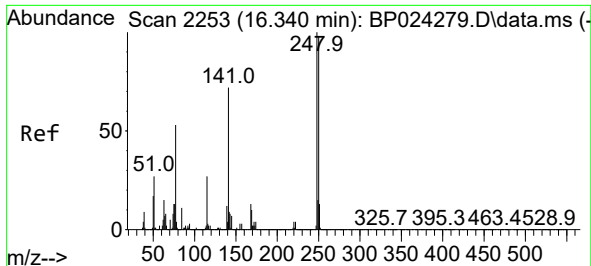
Tgt Ion:198 Resp: 218372
Ion Ratio Lower Upper
198 100
51 34.6 18.4 58.4
105 39.3 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 45.149 ng
RT: 15.634 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:169 Resp: 960523
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 36.7 28.9 43.3

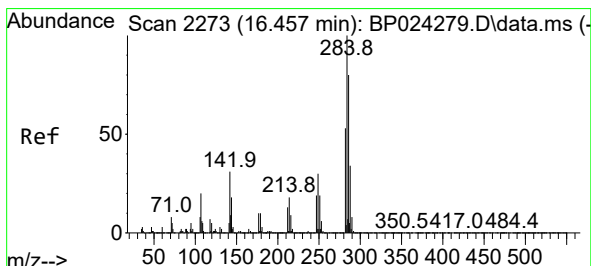
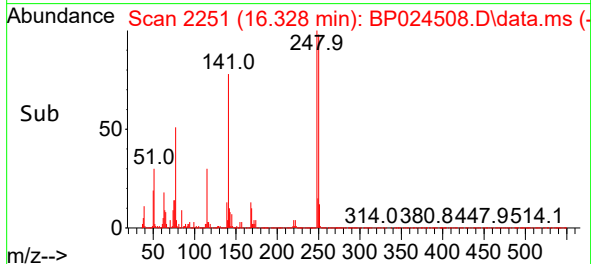
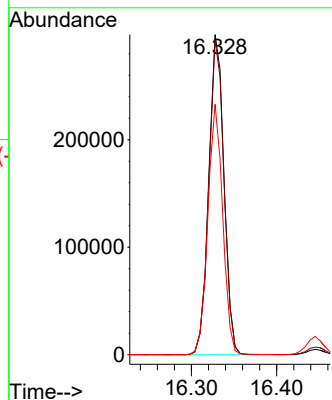
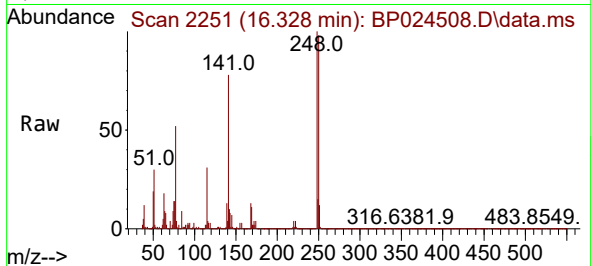




#67
4-Bromophenyl-phenylether
Concen: 47.404 ng
RT: 16.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

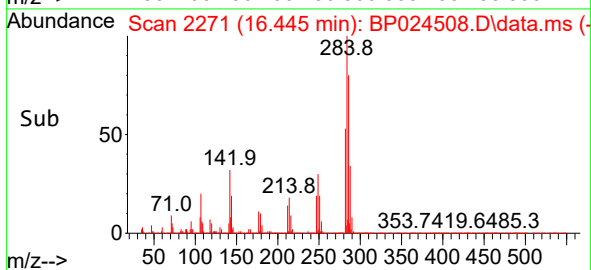
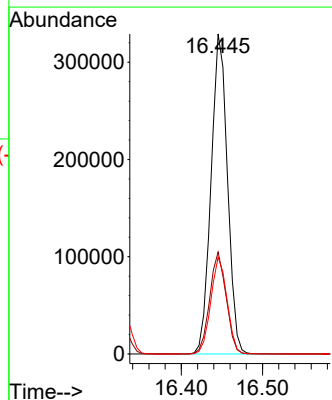
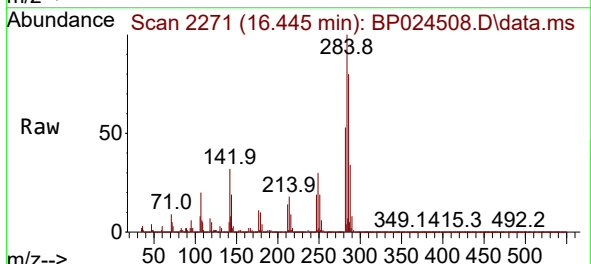
Instrument :
BNA_P
ClientSampleId :
WC-12MS

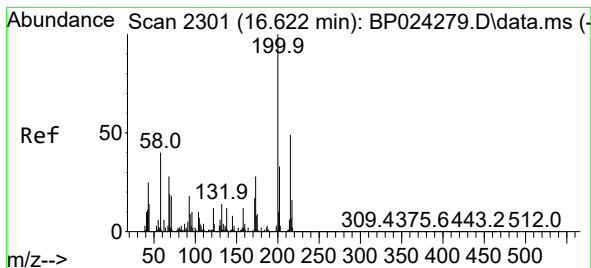
Tgt Ion:248 Resp: 369530
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 78.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 49.749 ng
RT: 16.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:284 Resp: 460832
Ion Ratio Lower Upper
284 100
142 31.9 24.6 37.0
249 30.3 23.8 35.6





#69

Atrazine

Concen: 69.377 ng

RT: 16.622 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

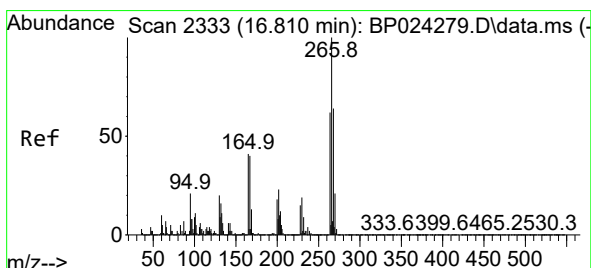
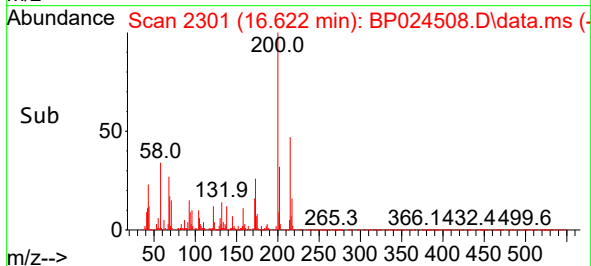
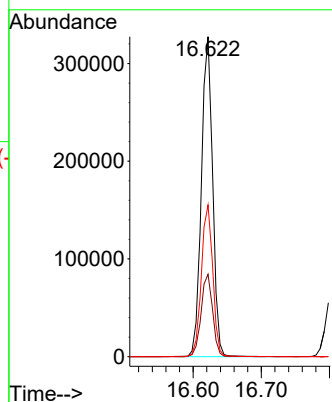
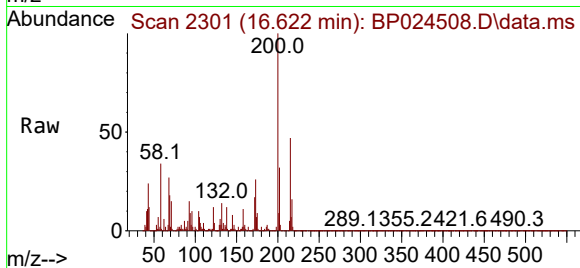
Tgt Ion:200 Resp: 375911

Ion Ratio Lower Upper

200 100

173 25.7 7.5 47.5

215 47.4 28.8 68.8



#70

Pentachlorophenol

Concen: 104.701 ng

RT: 16.810 min Scan# 2333

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

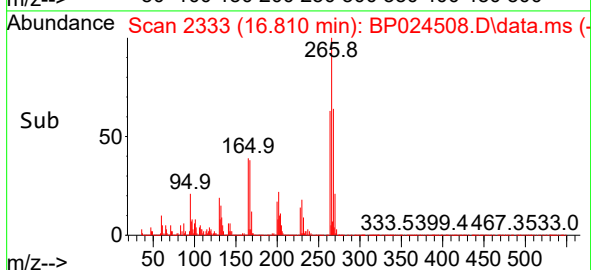
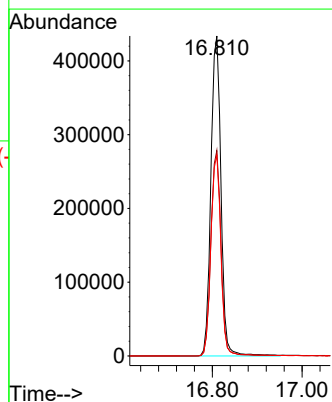
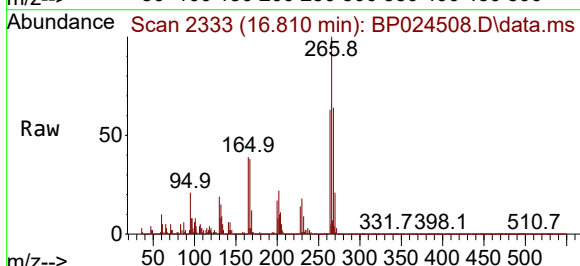
Tgt Ion:266 Resp: 676598

Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 62.8 49.8 74.6

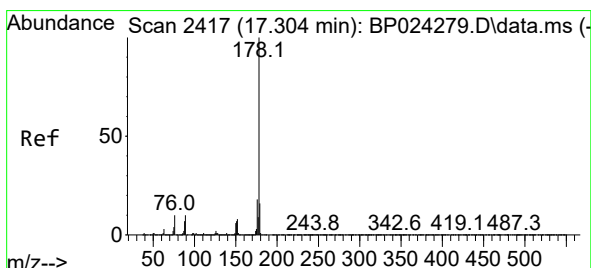
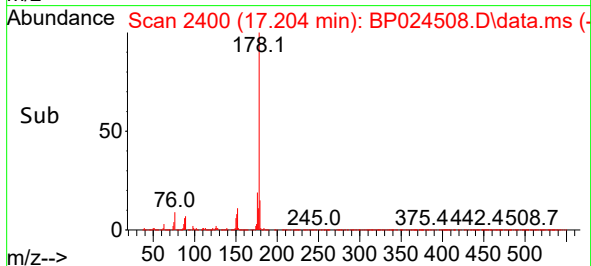
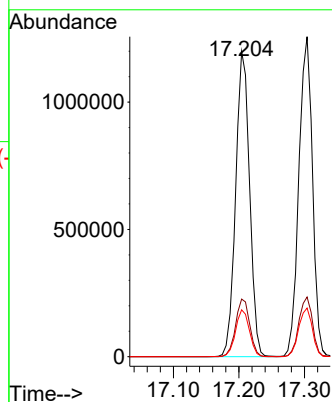
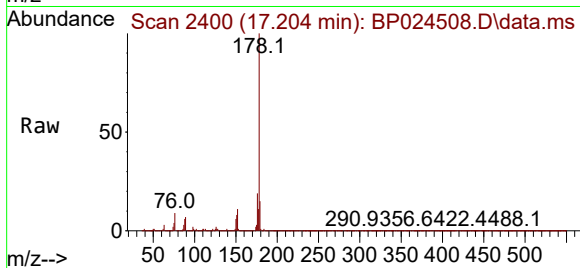




#71
Phenanthrene
Concen: 45.596 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

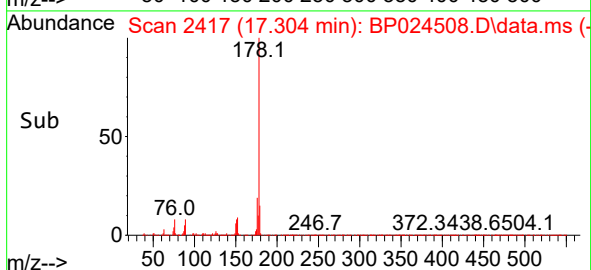
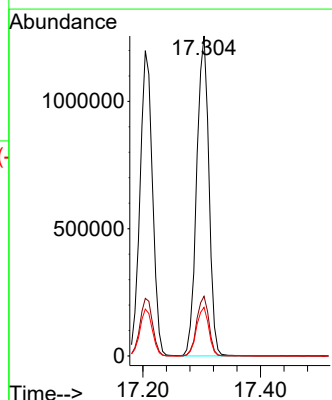
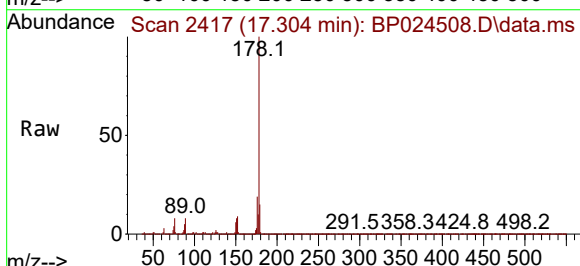
Instrument :
BNA_P
ClientSampleId :
WC-12MS

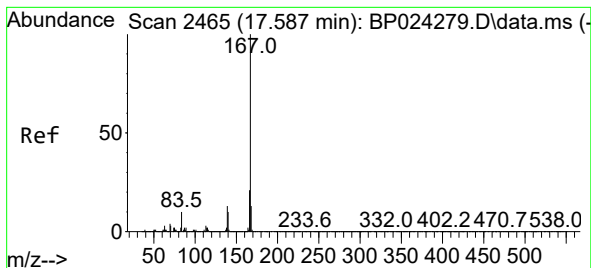
Tgt Ion:178 Resp: 1772931
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 12.5 18.7



#72
Anthracene
Concen: 48.286 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:178 Resp: 1809544
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.2 12.4 18.6





#73

Carbazole

Concen: 48.275 ng

RT: 17.586 min Scan# 2465

Delta R.T. 0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

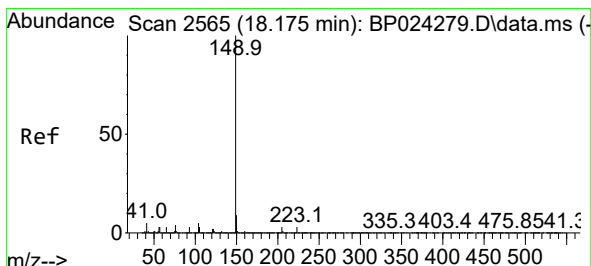
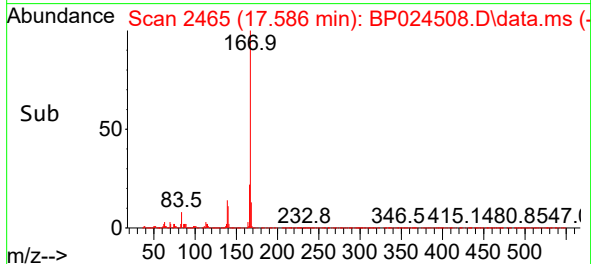
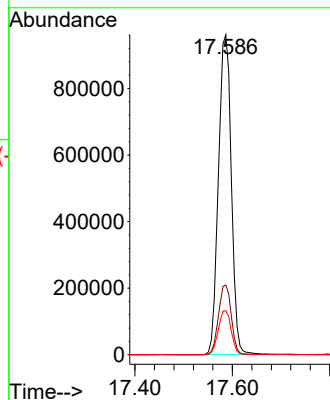
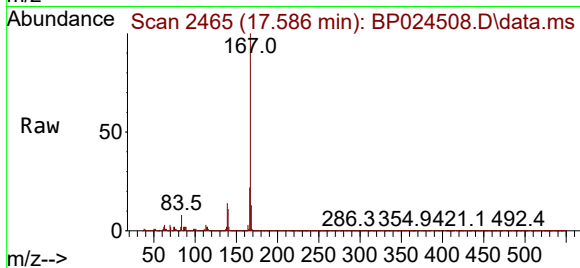
Tgt Ion:167 Resp: 1767675

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 49.140 ng

RT: 18.169 min Scan# 2564

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

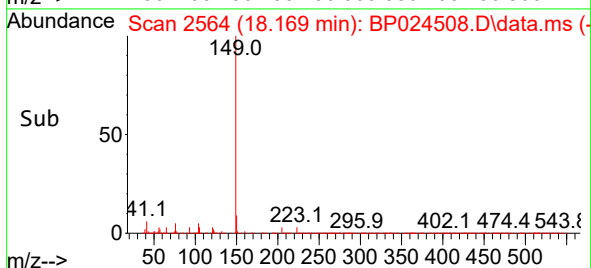
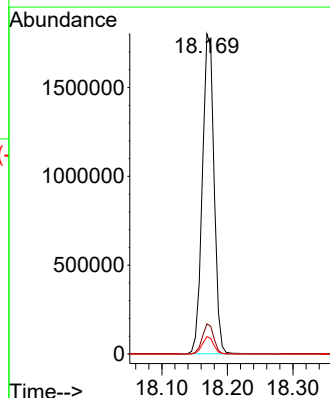
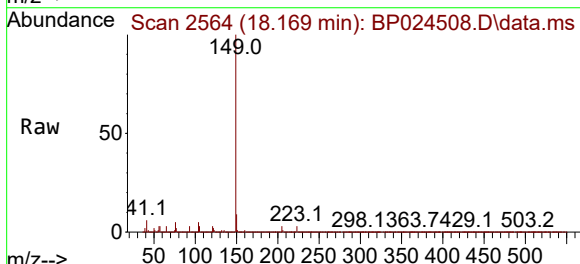
Tgt Ion:149 Resp: 2241724

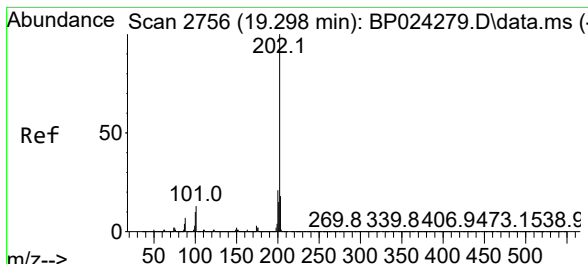
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.4 3.9 5.9

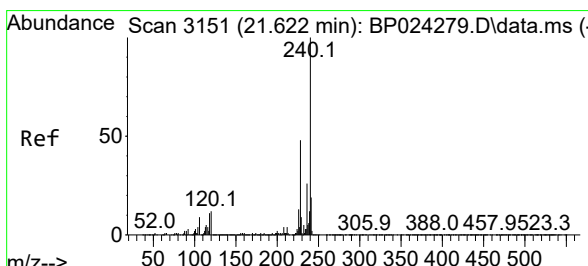
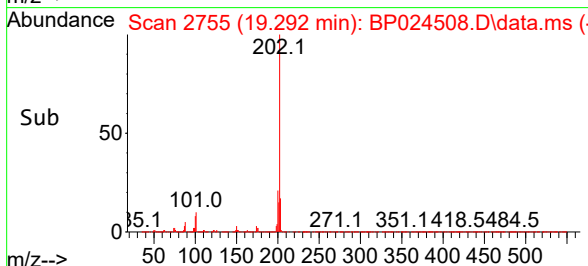
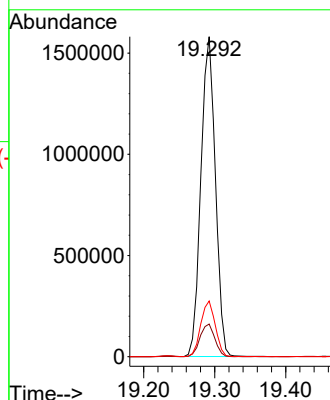
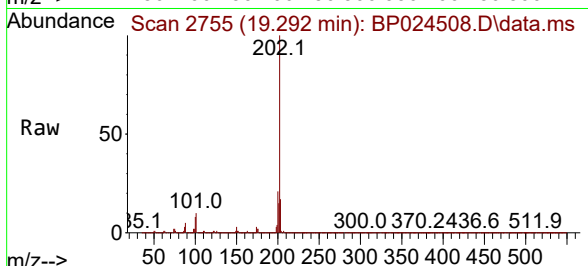




#75
Fluoranthene
Concen: 48.590 ng
RT: 19.292 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

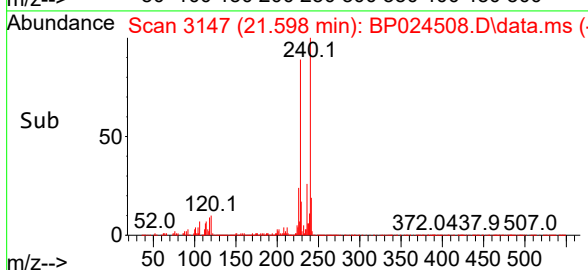
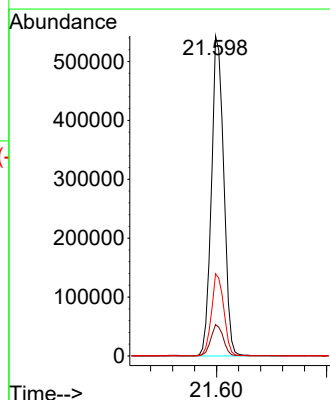
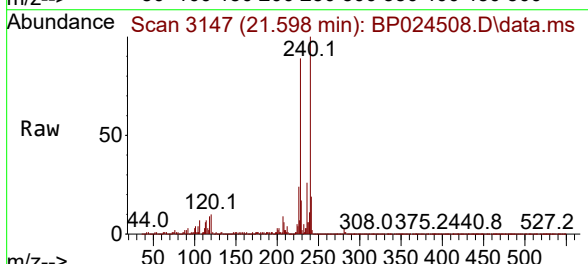
Instrument :
BNA_P
ClientSampleId :
WC-12MS

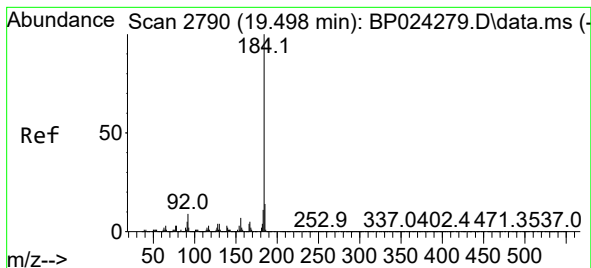
Tgt Ion:202 Resp: 2247063
Ion Ratio Lower Upper
202 100
101 10.2 0.0 33.2
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:240 Resp: 846362
Ion Ratio Lower Upper
240 100
120 9.8 9.8 14.8#
236 25.7 20.9 31.3





#77

Benzidine

Concen: 89.073 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

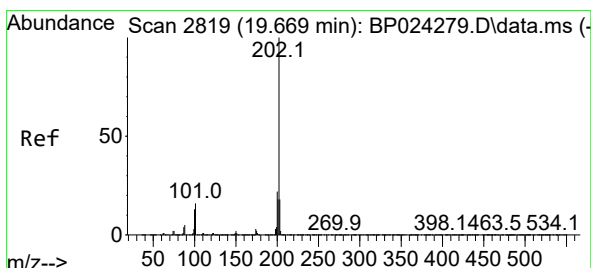
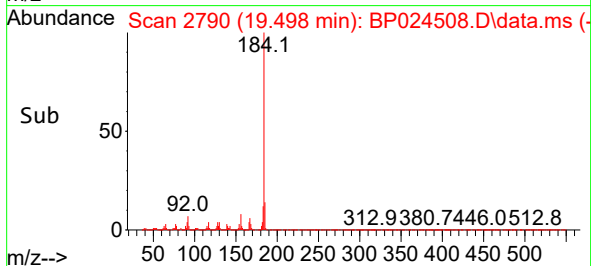
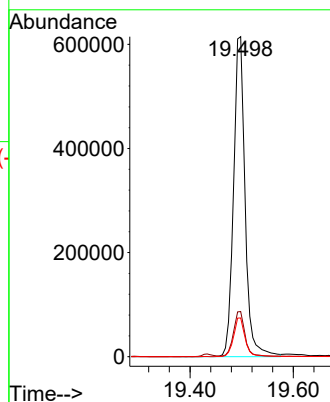
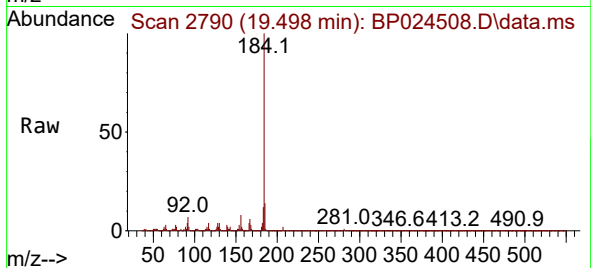
Tgt Ion:184 Resp: 955611

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 12.1 9.2 13.8



#78

Pyrene

Concen: 43.360 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

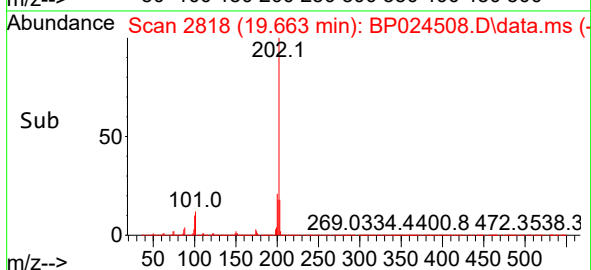
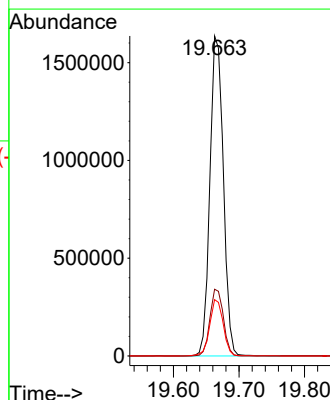
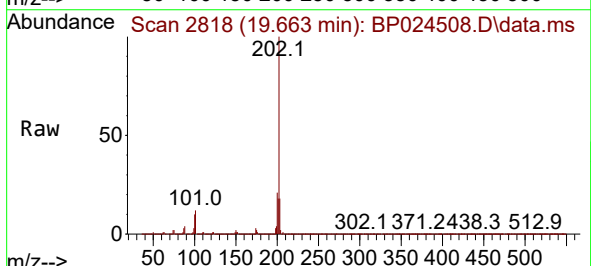
Tgt Ion:202 Resp: 2332238

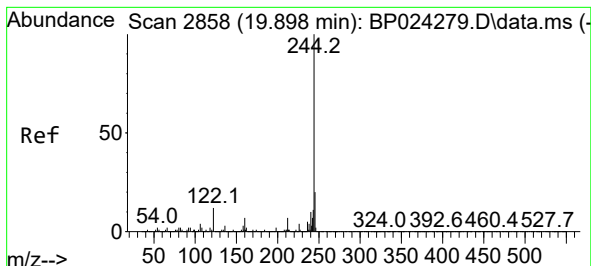
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 55.278 ng

RT: 19.892 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

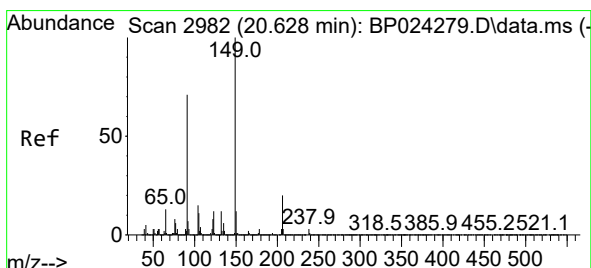
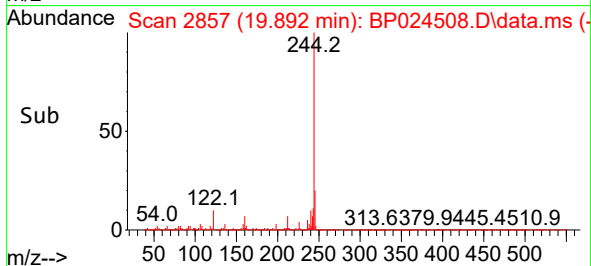
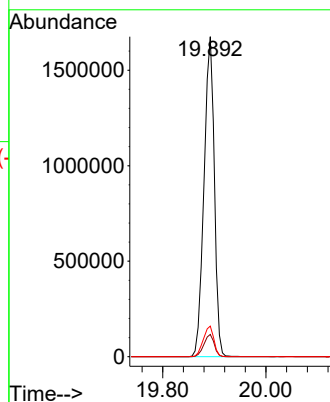
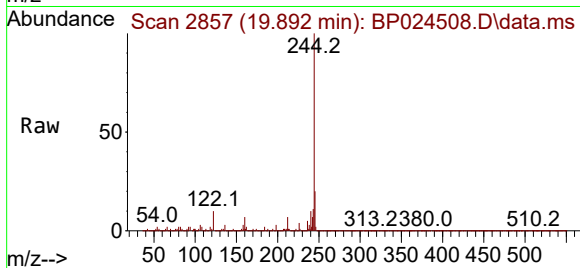
Tgt Ion:244 Resp: 2321094

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.5 9.4 14.0



#80

Butylbenzylphthalate

Concen: 48.396 ng

RT: 20.622 min Scan# 2981

Delta R.T. 0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

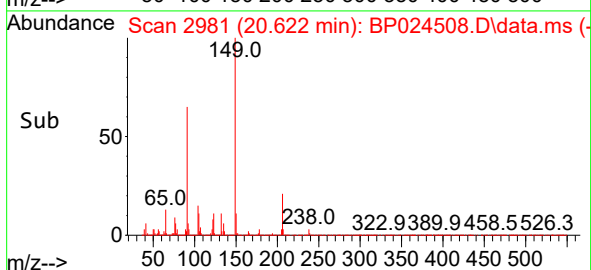
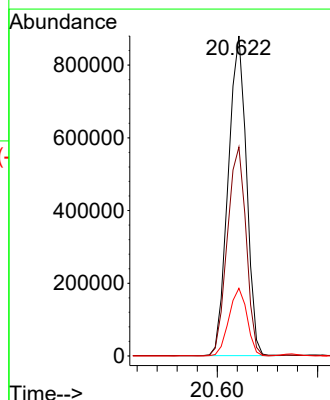
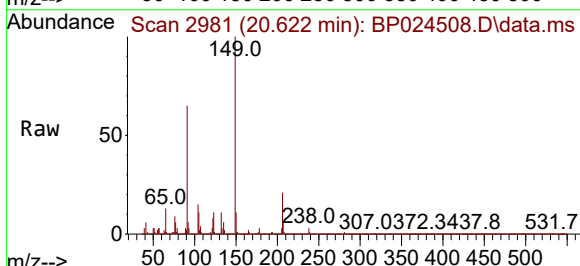
Tgt Ion:149 Resp: 1114965

Ion Ratio Lower Upper

149 100

91 65.3 56.4 84.6

206 21.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.068 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

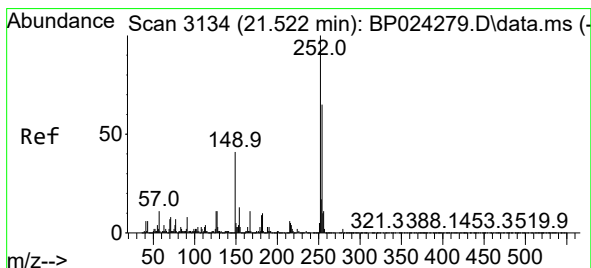
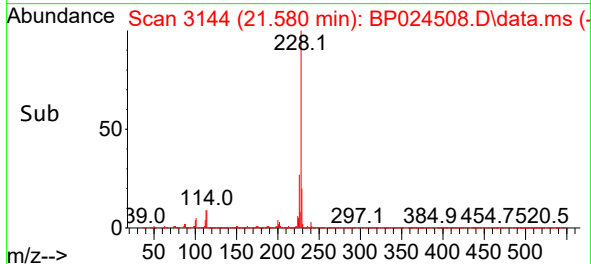
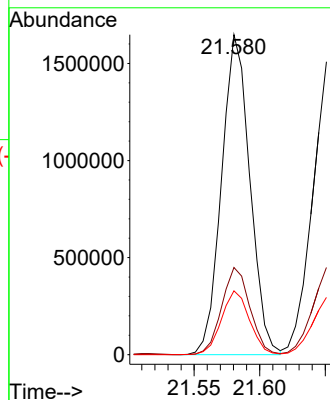
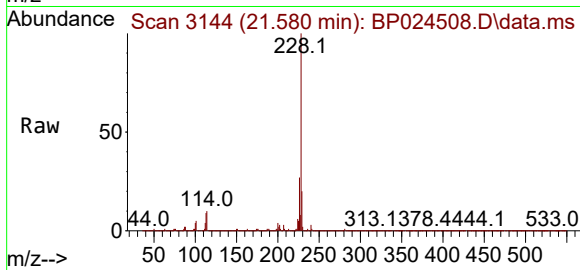
Tgt Ion:228 Resp: 2476060

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 26.687 ng

RT: 21.516 min Scan# 3133

Delta R.T. 0.024 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

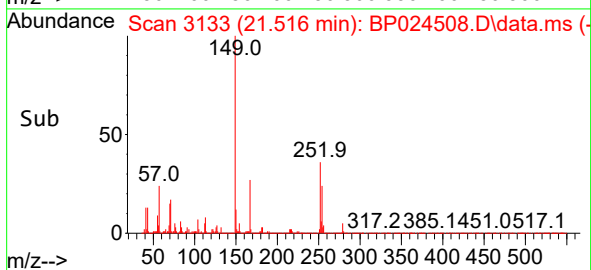
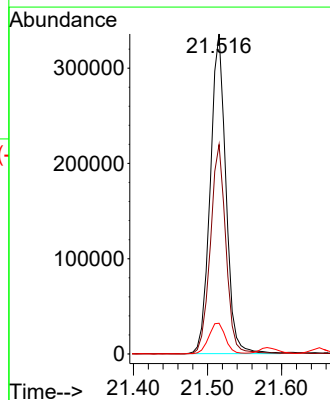
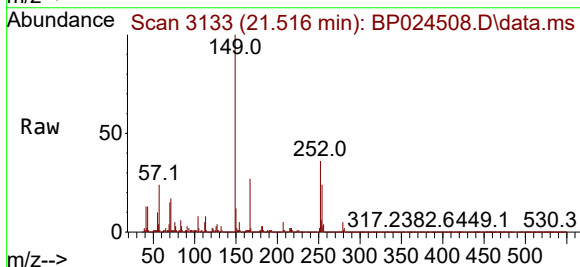
Tgt Ion:252 Resp: 492762

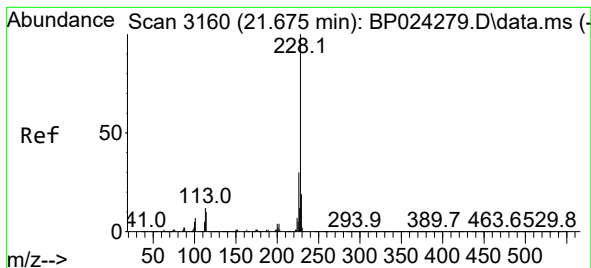
Ion Ratio Lower Upper

252 100

254 65.5 51.7 77.5

126 9.6 8.8 13.2





#83

Chrysene

Concen: 45.357 ng

RT: 21.651 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

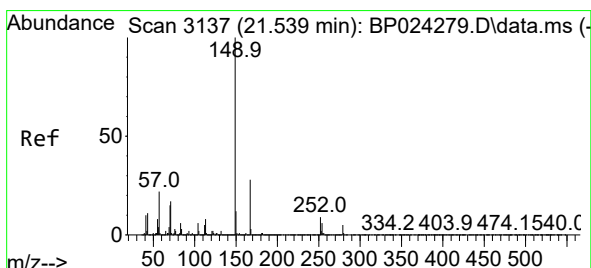
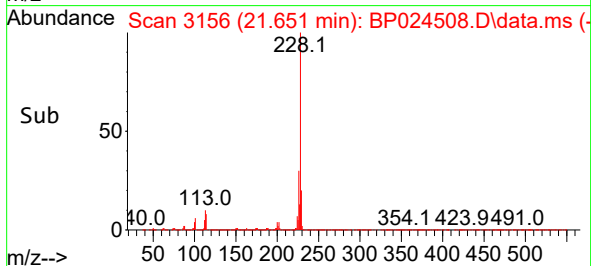
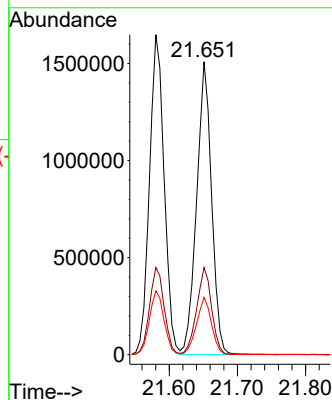
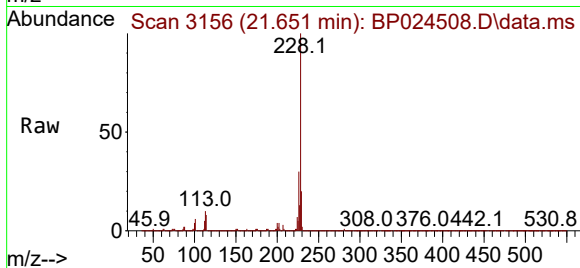
Tgt Ion:228 Resp: 2285952

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.634 ng

RT: 21.521 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

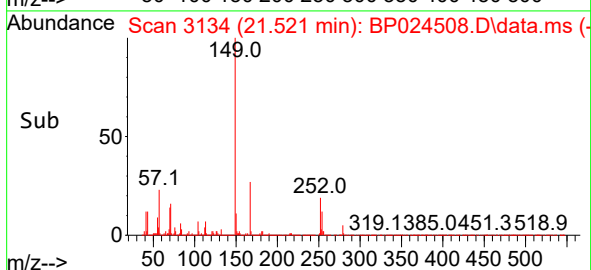
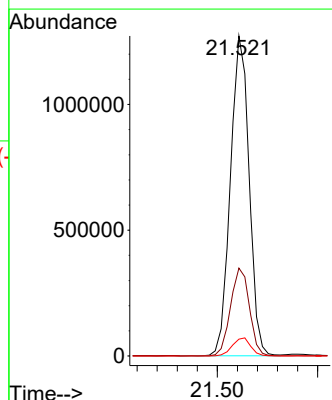
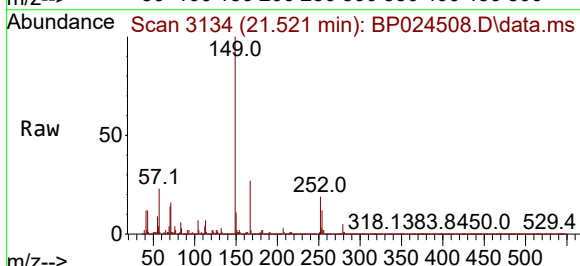
Tgt Ion:149 Resp: 1642520

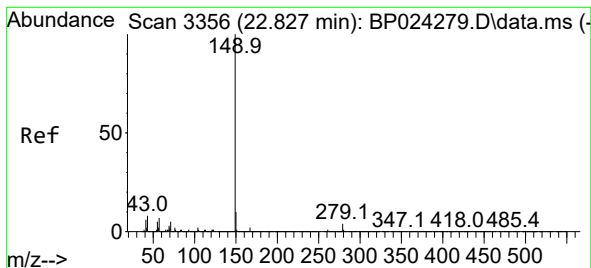
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 51.280 ng

RT: 22.792 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

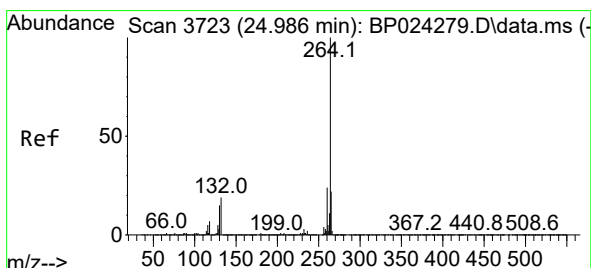
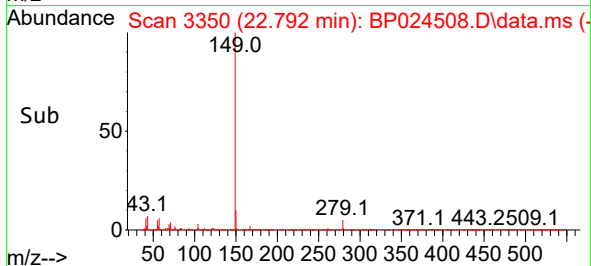
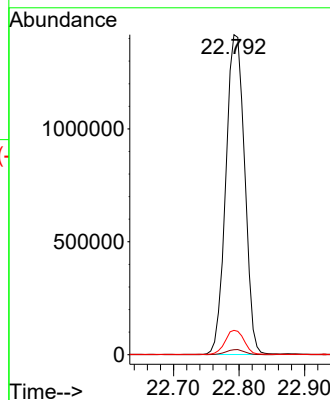
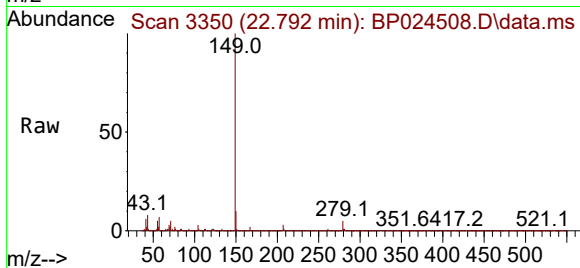
Tgt Ion:149 Resp: 2815582

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

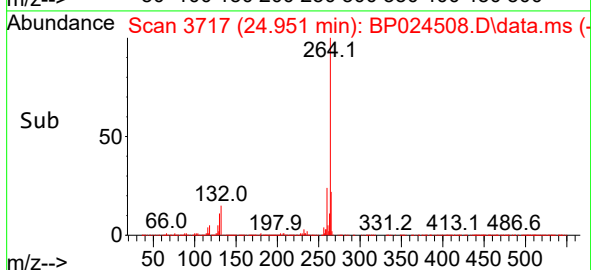
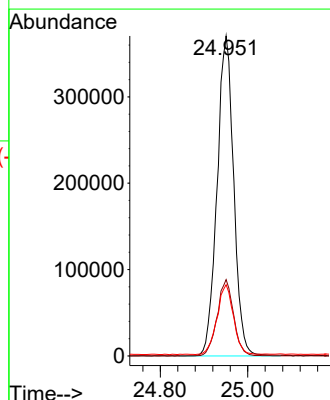
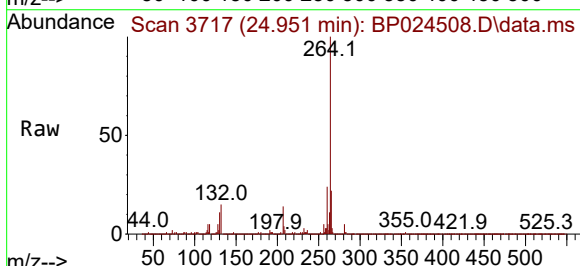
Tgt Ion:264 Resp: 975437

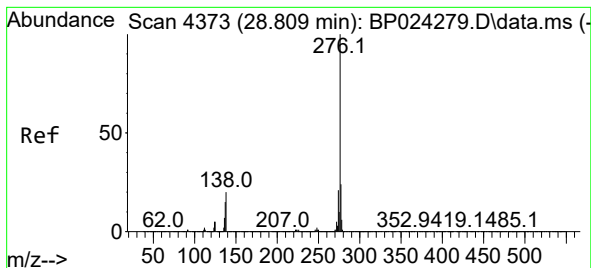
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.527 ng

RT: 28.780 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

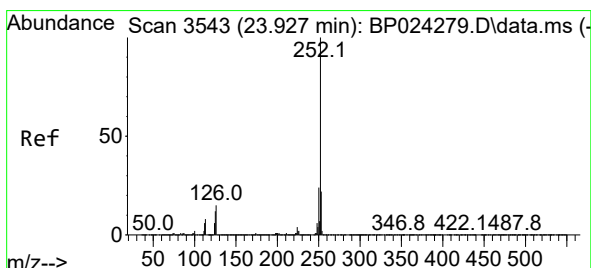
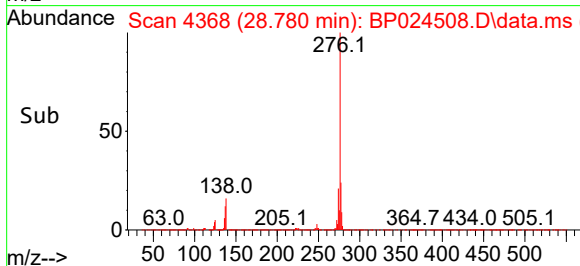
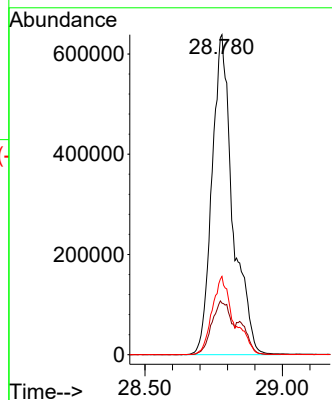
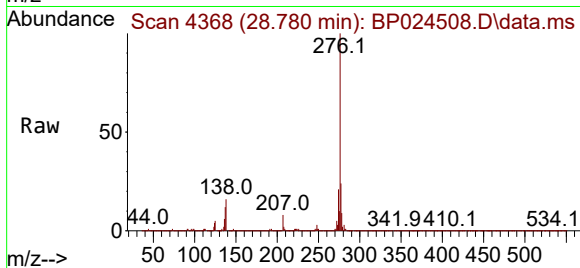
Tgt Ion:276 Resp: 3353925

Ion Ratio Lower Upper

276 100

138 15.3 14.5 21.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.108 ng

RT: 23.898 min Scan# 3538

Delta R.T. 0.012 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

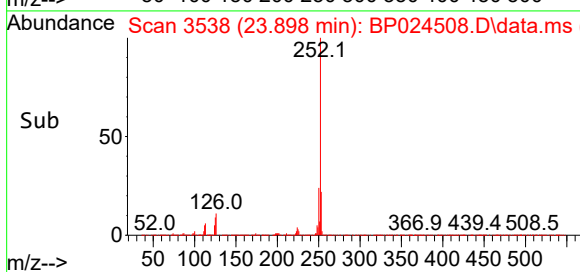
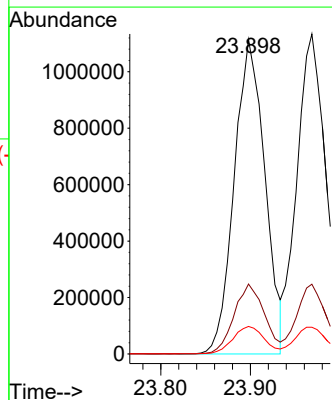
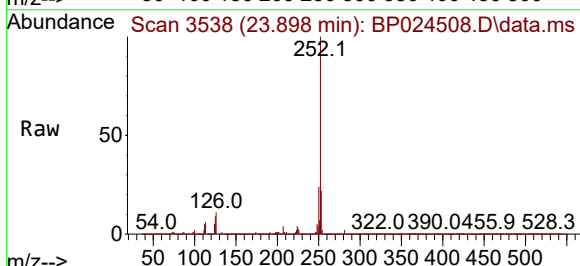
Tgt Ion:252 Resp: 2637393

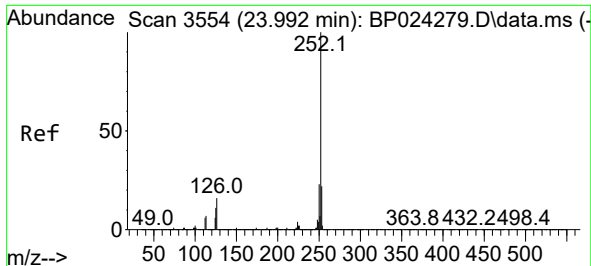
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.8 9.4 14.0#

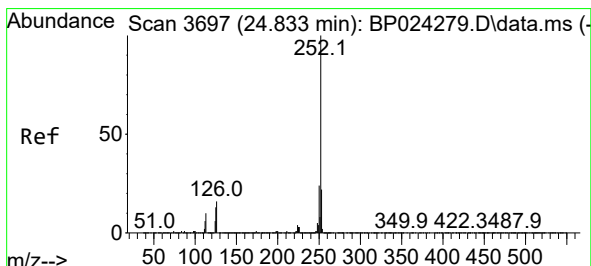
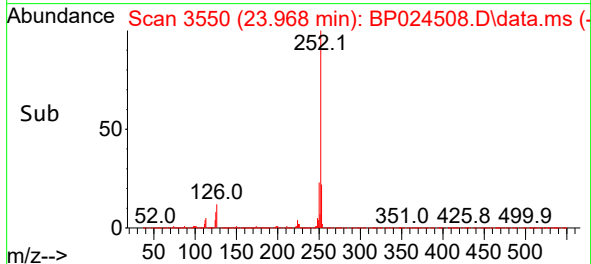
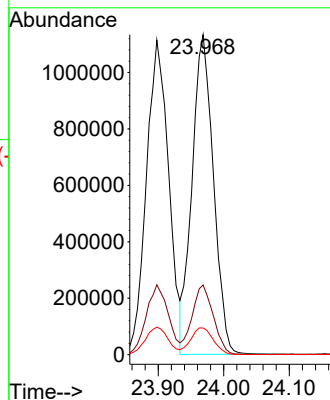
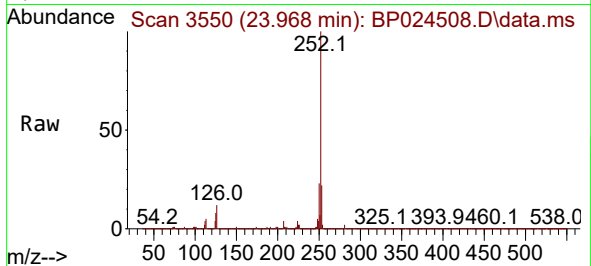




#89
Benzo(k)fluoranthene
Concen: 45.507 ng
RT: 23.968 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

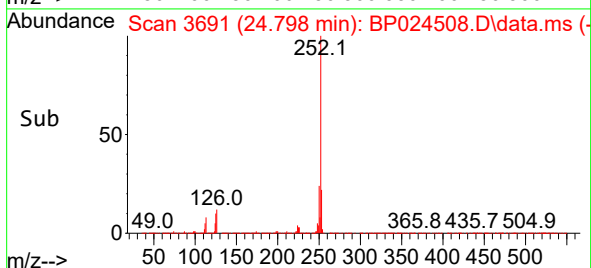
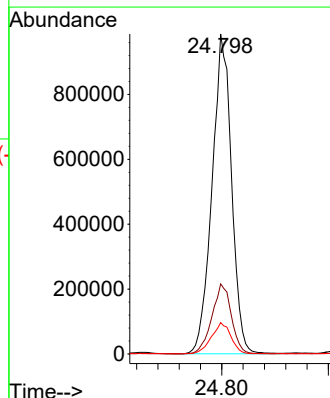
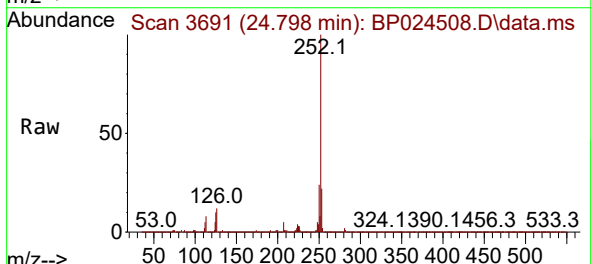
Instrument :
BNA_P
ClientSampleId :
WC-12MS

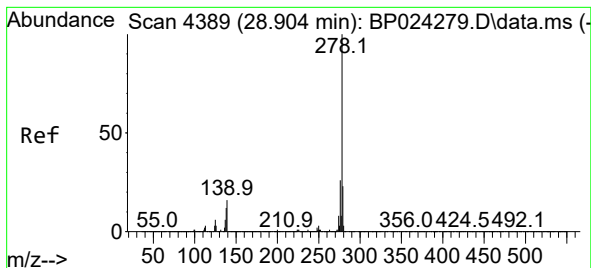
Tgt Ion:252 Resp: 2570121
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.4 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 49.509 ng
RT: 24.798 min Scan# 3691
Delta R.T. 0.018 min
Lab File: BP024508.D
Acq: 02 May 2025 14:15

Tgt Ion:252 Resp: 2496964
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.8 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 48.981 ng

RT: 28.845 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Instrument :

BNA_P

ClientSampleId :

WC-12MS

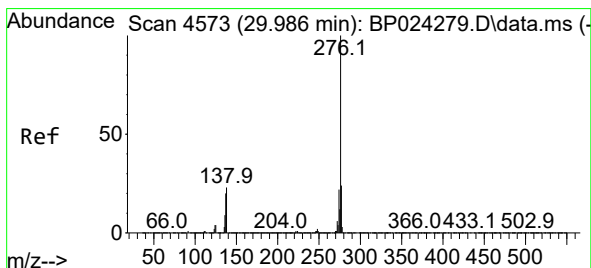
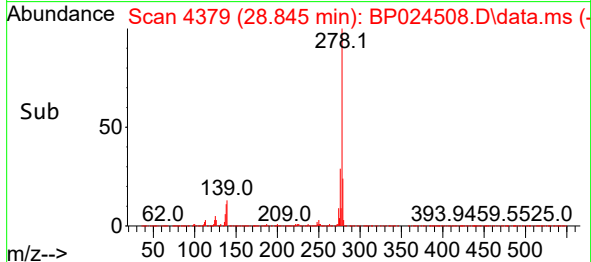
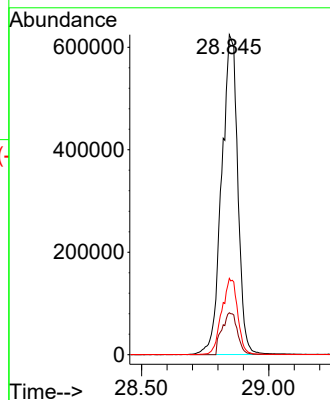
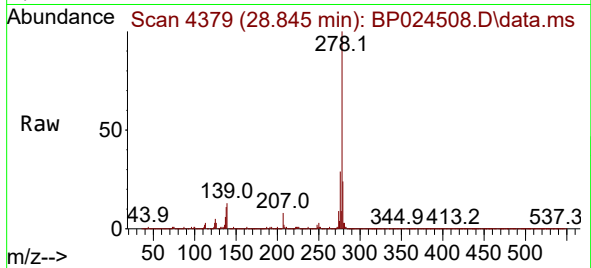
Tgt Ion:278 Resp: 2753184

Ion Ratio Lower Upper

278 100

139 13.1 12.6 19.0

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.789 ng

RT: 29.956 min Scan# 4568

Delta R.T. 0.059 min

Lab File: BP024508.D

Acq: 02 May 2025 14:15

Tgt Ion:276 Resp: 2676928

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 16.4 18.7 28.1#

