

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
 Data File : BP025011.D
 Acq On : 19 Jun 2025 21:53
 Operator : RC/JU
 Sample : Q2354-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3321

Quant Time: Jun 20 01:15:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.619	152	303038	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	386216	20.000	ng	# 0.03
39) Acenaphthene-d10	14.336	164	845708	20.000	ng	# 0.09
64) Phenanthrene-d10	17.136	188	932998	20.000	ng	# 0.08
76) Chrysene-d12	21.530	240	1780109	20.000	ng	0.05
86) Perylene-d12	24.789	264	2092183	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1319328	72.672	ng	0.00
7) Phenol-d6	6.825	99	1425933	59.363	ng	0.01
23) Nitrobenzene-d5	8.778	82	1738681	218.758	ng	0.02
42) 2,4,6-Tribromophenol	15.860	330	554690	47.440	ng	0.08
45) 2-Fluorobiphenyl	12.925	172	1546192	24.629	ng	0.06
79) Terphenyl-d14	19.866	244	3009314	30.298	ng	0.07
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.466	42	62836	8.001	ng	# 1
6) Aniline	7.013	93	86582	2.824	ng	# 1
9) Benzaldehyde	6.725	77	2984830	215.585	ng	# 1
11) bis(2-Chloroethyl)ether	7.013	93	86582	4.446	ng	# 1
15) Benzyl Alcohol	7.743	79	1558889	84.561	ng	# 14
18) Hexachloroethane	8.719	117	3879639	444.826	ng	# 1
19) n-Nitroso-di-n-propyla...	8.390	70	469870	28.774	ng	# 61
20) 3+4-Methylphenols	8.431	107	63616	2.697	ng	# 1
22) Acetophenone	8.425	105	11720489	1201.133	ng	# 55
24) Nitrobenzene	8.731	77	1068829	151.374	ng	# 45
25) Isophorone	9.354	82	2002965	145.409	ng	# 1
26) 2-Nitrophenol	9.560	139	104485	29.991	ng	# 1
27) 2,4-Dimethylphenol	9.625	122	139379	23.376	ng	# 1
28) bis(2-Chloroethoxy)met...	9.890	93	186639	22.714	ng	# 1
29) 2,4-Dichlorophenol	10.078	162	346047	60.487	ng	# 1
31) Naphthalene	10.472	128	1699090	85.847	ng	# 34
32) Benzoic acid	9.943	122	94791	23.526	ng	# 1
33) 4-Chloroaniline	10.713	127	79463	9.583	ng	# 16
35) Caprolactam	11.372	113	248311	117.912	ng	# 1
36) 4-Chloro-3-methylphenol	11.743	107	52593	7.970	ng	# 45
37) 2-Methylnaphthalene	12.154	142	10278182	818.679	ng	# 91
38) 1-Methylnaphthalene	12.331	142	5373289	400.326	ng	# 93
43) 2,4,6-Trichlorophenol	12.760	196	96435	5.984	ng	# 23
46) 1,1'-Biphenyl	13.131	154	2188532	35.609	ng	# 91
47) 2-Chloronaphthalene	13.278	162	177619	3.760	ng	# 1
48) 2-Nitroaniline	13.254	65	282121	19.427	ng	# 48
50) Dimethylphthalate	13.737	163	475558	7.623	ng	# 1
51) 2,6-Dinitrotoluene	13.907	165	313784	23.331	ng	# 88
52) Acenaphthene	14.401	154	270750	5.999	ng	# 6
53) 3-Nitroaniline	14.307	138	233782	16.750	ng	# 45
54) 2,4-Dinitrophenol	14.507	184	29795	8.729	ng	# 1
55) Dibenzofuran	14.748	168	696251	9.611	ng	# 1
56) 4-Nitrophenol	14.560	139	573768	50.685	ng	# 1
57) 2,4-Dinitrotoluene	14.825	165	727194	38.653	ng	# 50
58) Fluorene	15.407	166	1585325	27.089	ng	# 49
60) Diethylphthalate	15.260	149	600065	9.651	ng	# 33

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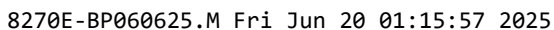
Instrument :
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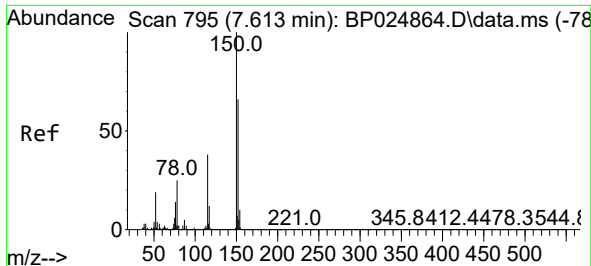
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	15.266	138	133027	10.512	ng	88
63) Azobenzene	15.689	77	501415	8.793	ng #	1
65) 4,6-Dinitro-2-methylph...	15.536	198	14515	2.368	ng #	1
66) n-Nitrosodiphenylamine	15.625	169	1296034	44.817	ng #	58
67) 4-Bromophenyl-phenylether	16.166	248	36152	3.434	ng #	1
69) Atrazine	16.583	200	529805	50.537	ng #	71
71) Phenanthrene	17.172	178	1487803	28.856	ng #	74
72) Anthracene	17.230	178	169152	3.239	ng #	1
73) Carbazole	17.754	167	1048027	21.653	ng #	1
74) Di-n-butylphthalate	18.119	149	196733	3.281	ng #	28
80) Butylbenzylphthalate	20.713	149	124300	2.440	ng #	17
84) Bis(2-ethylhexyl)phtha...	21.418	149	1854818	25.414	ng #	94

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

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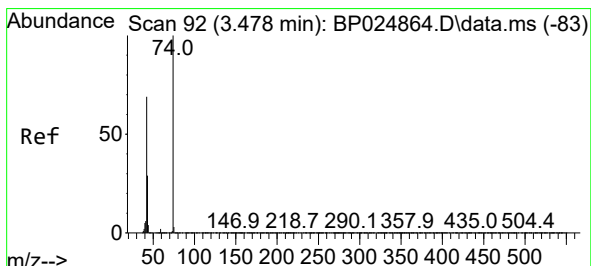
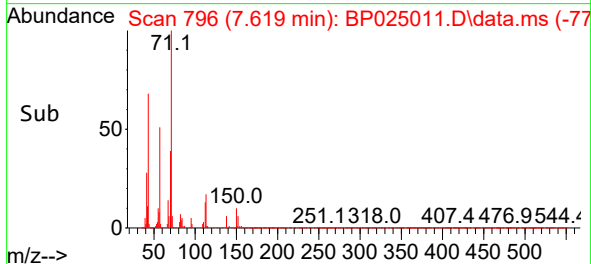
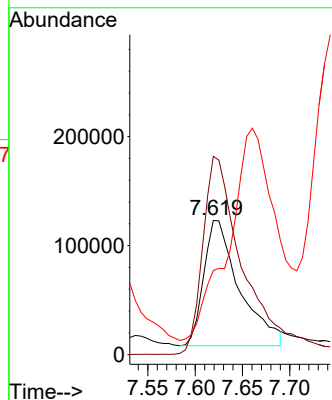
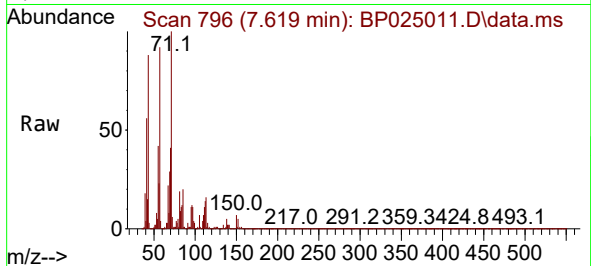




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.619 min Scan# 795
Delta R.T. 0.006 min
Lab File: BP025011.D
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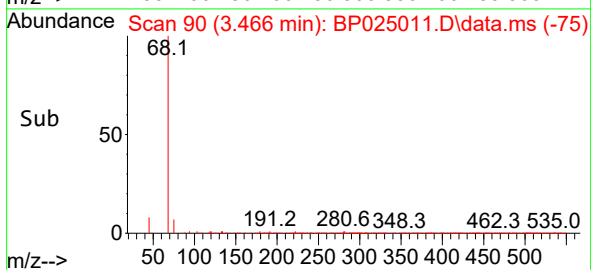
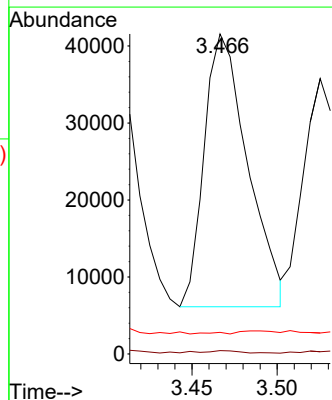
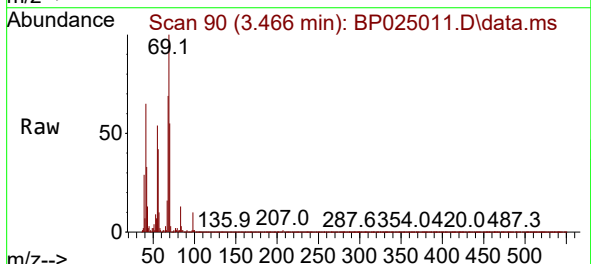
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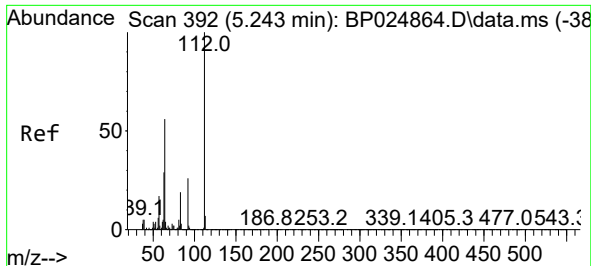
Tgt Ion:152 Resp: 303038
Ion Ratio Lower Upper
152 100
150 147.7 122.1 183.1
115 62.6 46.4 69.6



#4
n-Nitrosodimethylamine
Concen: 8.001 ng
RT: 3.466 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 42 Resp: 62836
Ion Ratio Lower Upper
42 100
74 1.0 116.6 174.8#
44 6.7 5.4 8.0

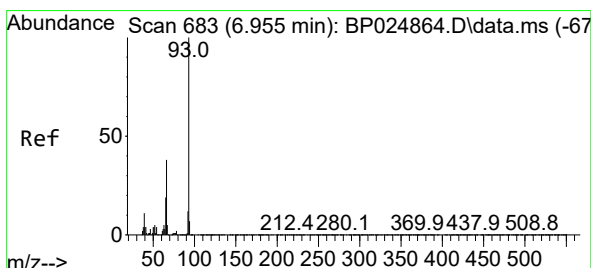
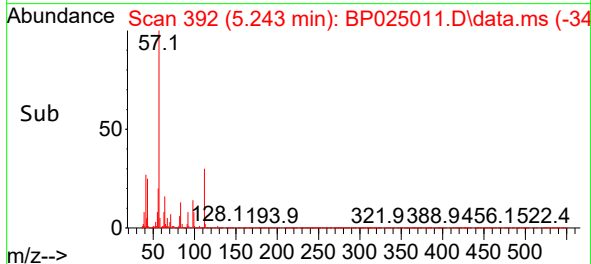
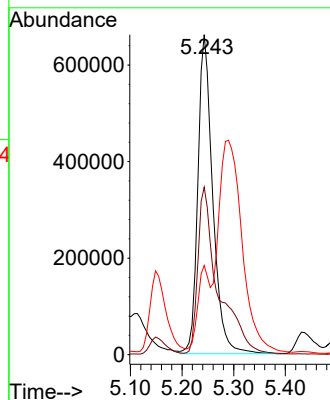
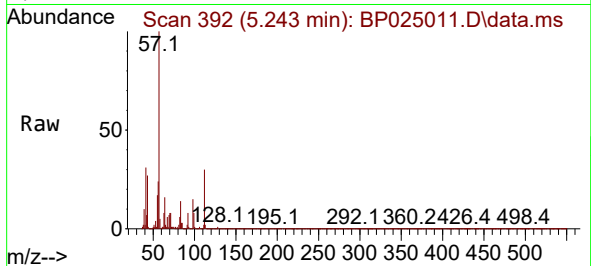




#5
2-Fluorophenol
Concen: 72.672 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

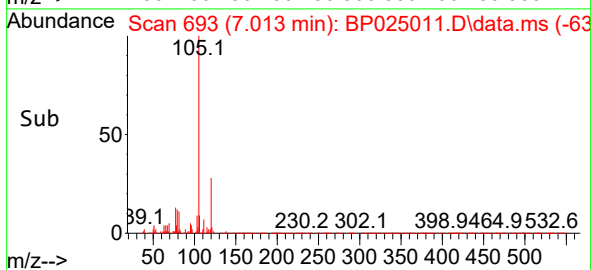
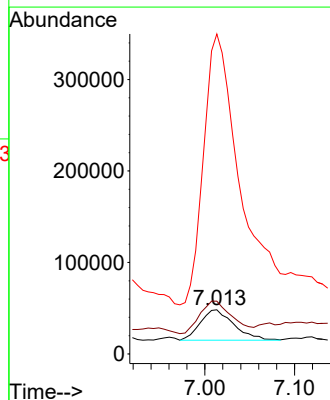
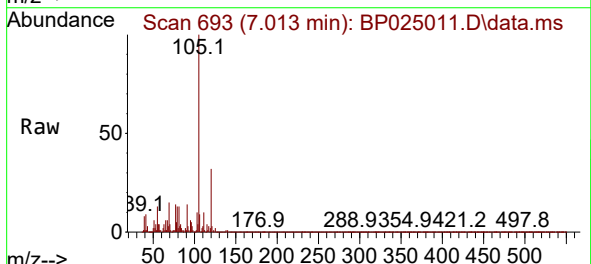
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ClientSampleId :
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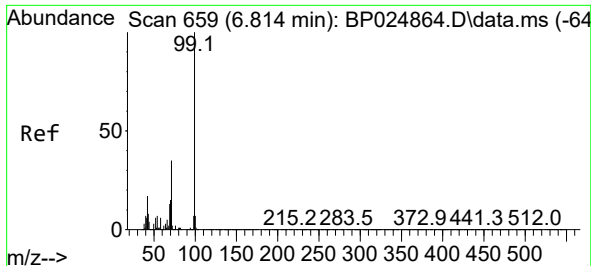
Tgt Ion:112 Resp: 1319328
Ion Ratio Lower Upper
112 100
64 52.4 44.7 67.1
63 27.9 23.5 35.3



#6
Aniline
Concen: 2.824 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.059 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 93 Resp: 86582
Ion Ratio Lower Upper
93 100
66 119.5 30.9 46.3#
65 723.4 15.5 23.3#

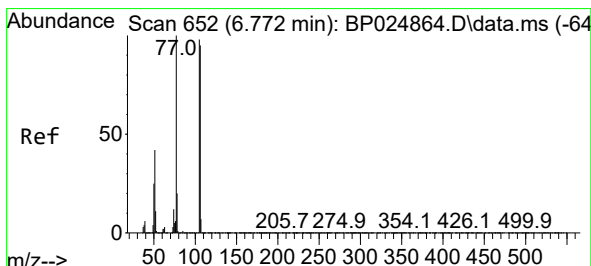
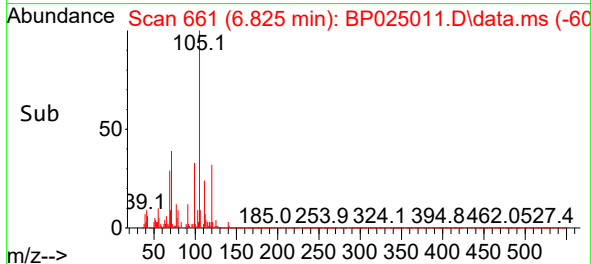
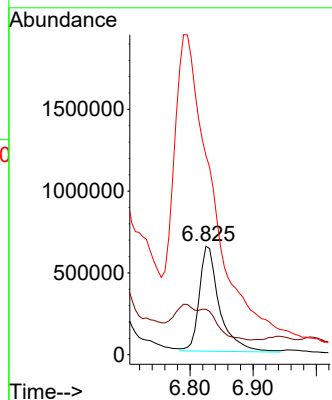
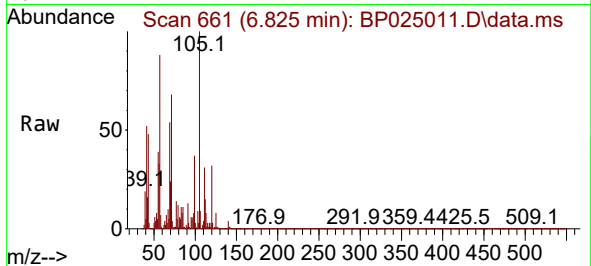




#7
Phenol-d6
Concen: 59.363 ng
RT: 6.825 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

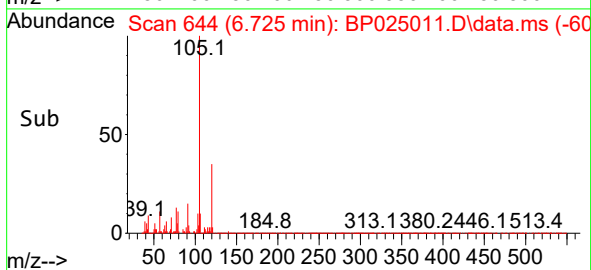
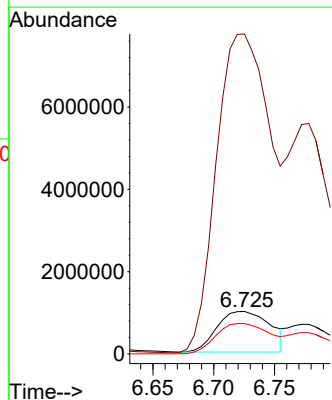
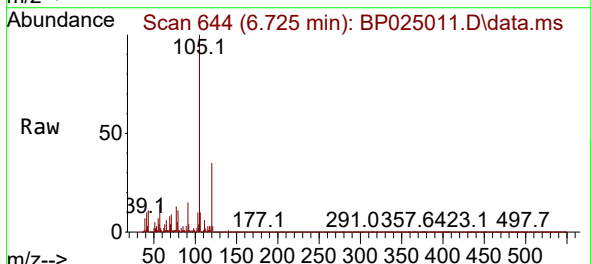
Instrument :
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ClientSampleId :
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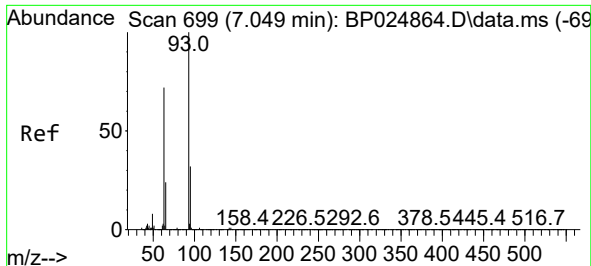
Tgt Ion: 99 Resp: 1425933
Ion Ratio Lower Upper
99 100
42 41.9 13.4 20.2#
71 183.5 27.6 41.4#



#9
Benzaldehyde
Concen: 215.585 ng
RT: 6.725 min Scan# 644
Delta R.T. -0.047 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 77 Resp: 2984830
Ion Ratio Lower Upper
77 100
105 752.2 77.7 117.7#
106 71.6 74.8 114.8#

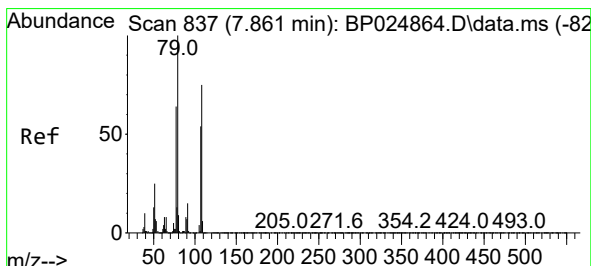
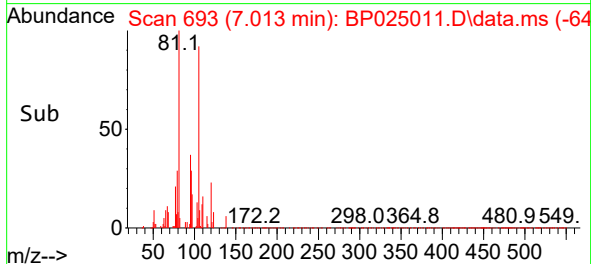
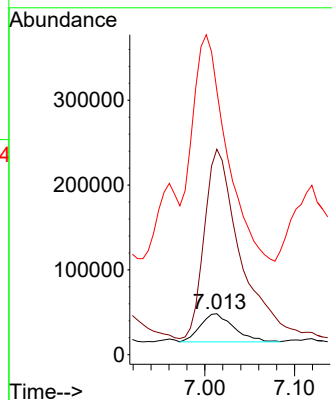
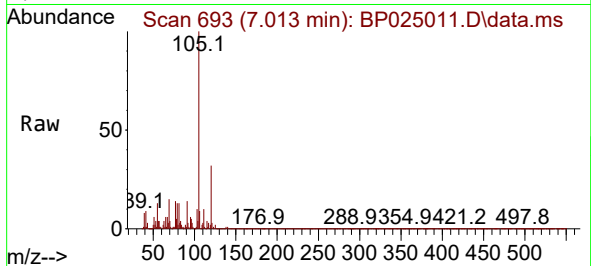




#11
bis(2-Chloroethyl)ether
Concen: 4.446 ng
RT: 7.013 min Scan# 64
Delta R.T. -0.035 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

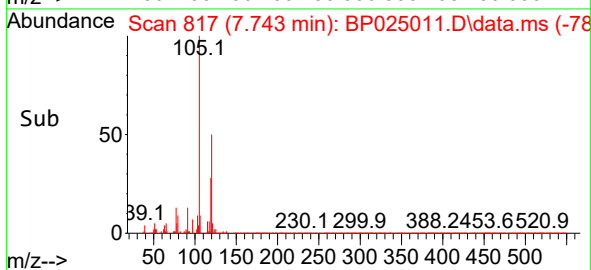
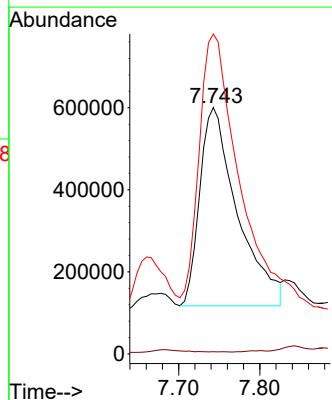
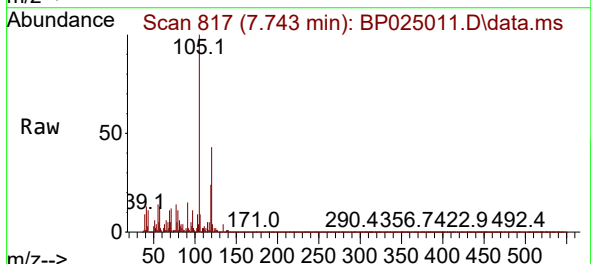
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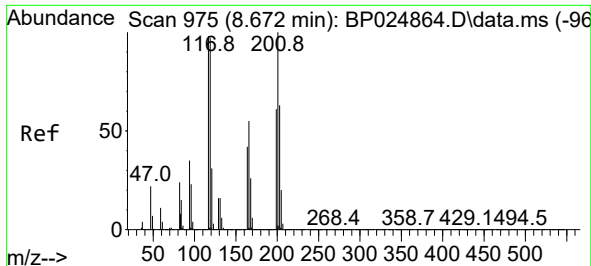
Tgt Ion: 93 Resp: 86582
Ion Ratio Lower Upper
93 100
63 501.1 51.6 91.6#
95 644.1 12.1 52.1#



#15
Benzyl Alcohol
Concen: 84.561 ng
RT: 7.743 min Scan# 817
Delta R.T. -0.118 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 79 Resp: 1558889
Ion Ratio Lower Upper
79 100
108 0.9 60.2 90.4#
77 129.9 51.2 76.8#

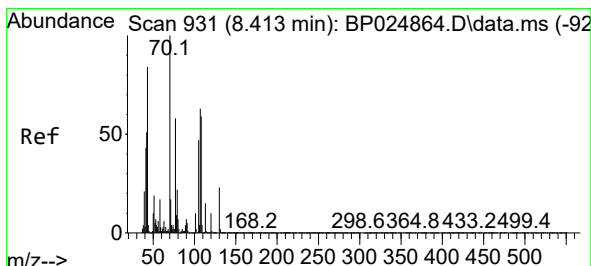
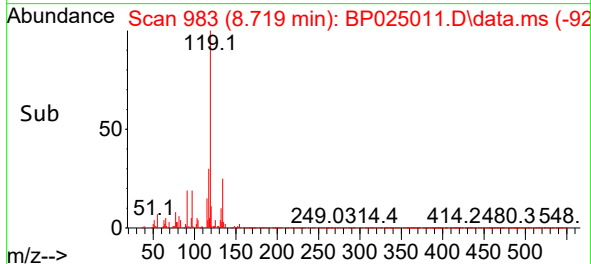
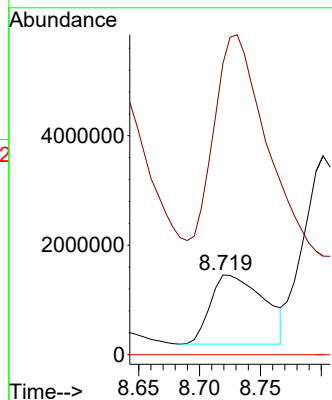
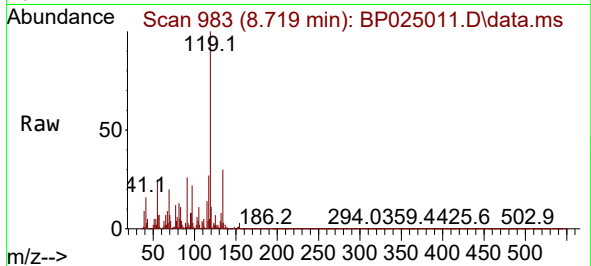




#18
Hexachloroethane
Concen: 444.826 ng
RT: 8.719 min Scan# 911
Delta R.T. 0.047 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

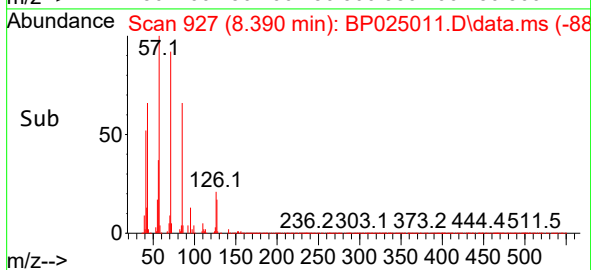
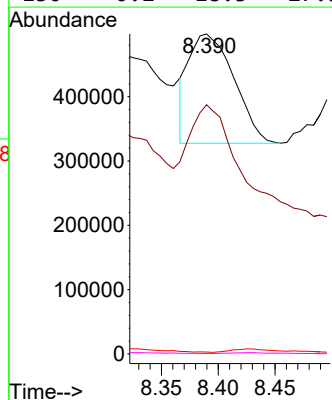
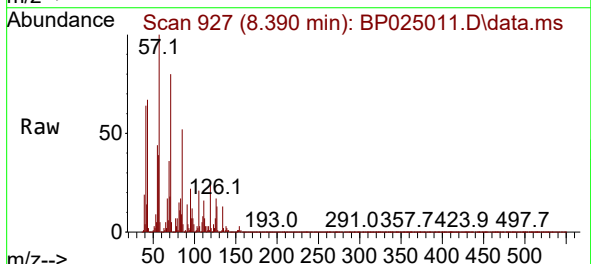
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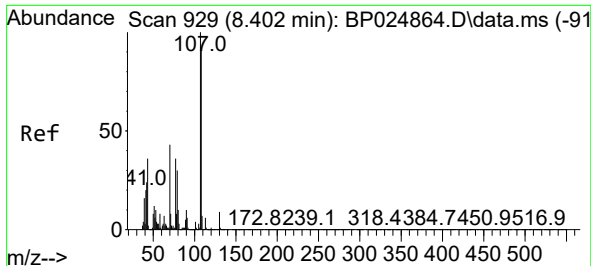
Tgt Ion:117 Resp: 3879639
Ion Ratio Lower Upper
117 100
119 365.2 79.4 119.2#
201 0.0 81.4 122.2#



#19
n-Nitroso-di-n-propylamine
Concen: 28.774 ng
RT: 8.390 min Scan# 927
Delta R.T. -0.024 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 70 Resp: 469870
Ion Ratio Lower Upper
70 100
42 77.9 41.2 61.8#
101 0.6 8.3 12.5#
130 0.2 18.3 27.5#

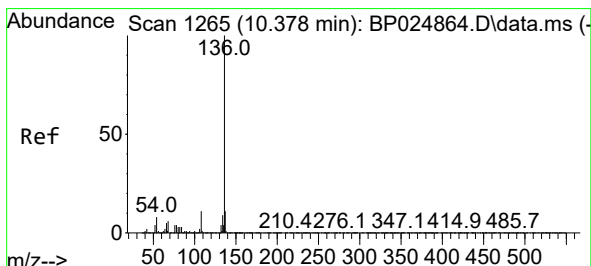
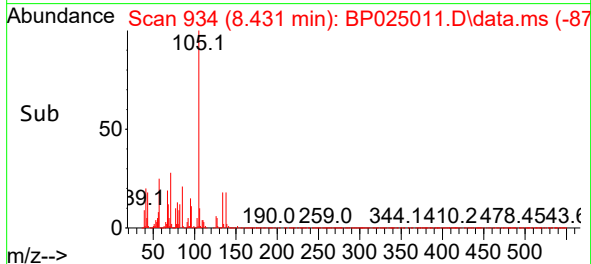
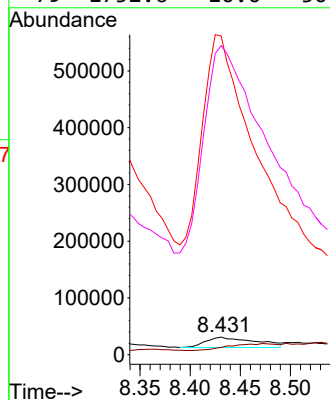
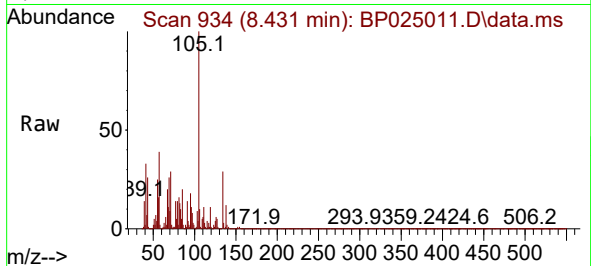




#20
3+4-Methylphenols
Concen: 2.697 ng
RT: 8.431 min Scan# 91
Delta R.T. 0.029 min
Lab File: BP025011.D
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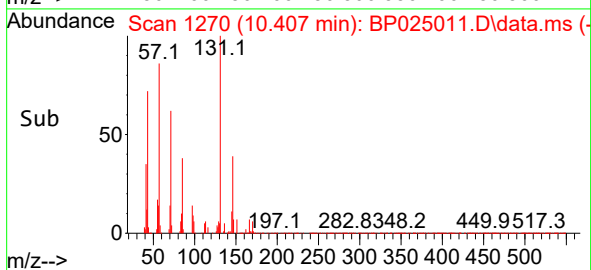
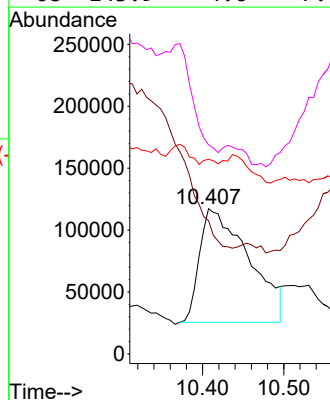
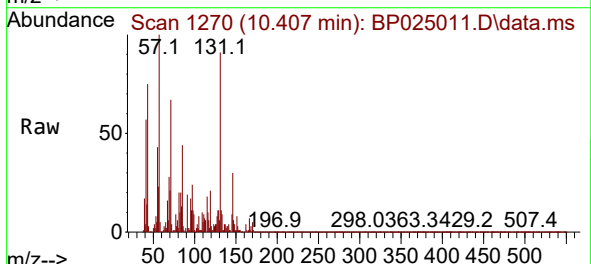
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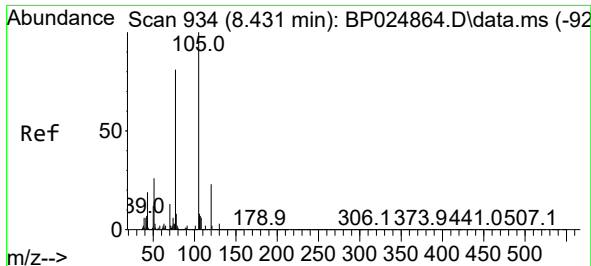
Tgt Ion:107 Resp: 63616
Ion Ratio Lower Upper
107 100
108 40.6 70.7 110.7#
77 1807.6 16.6 56.6#
79 1752.6 10.0 50.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. 0.029 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:136 Resp: 386216
Ion Ratio Lower Upper
136 100
137 91.7 8.9 13.3#
54 134.0 6.1 9.1#
68 143.9 4.6 7.0#

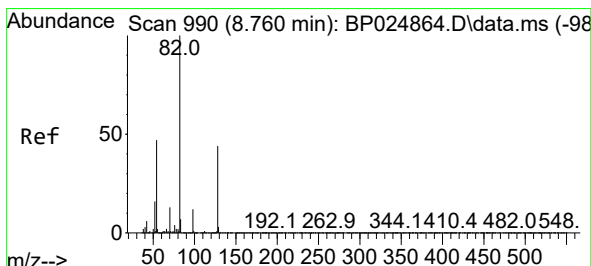
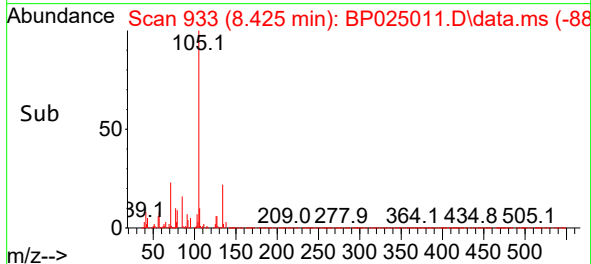
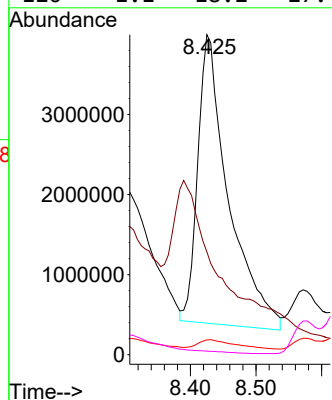
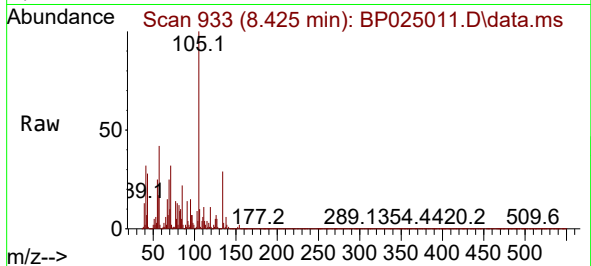




#22
Acetophenone
Concen: 1201.133 ng
RT: 8.425 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

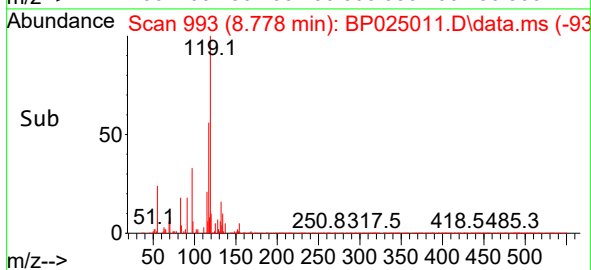
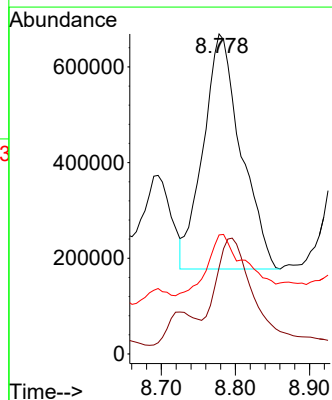
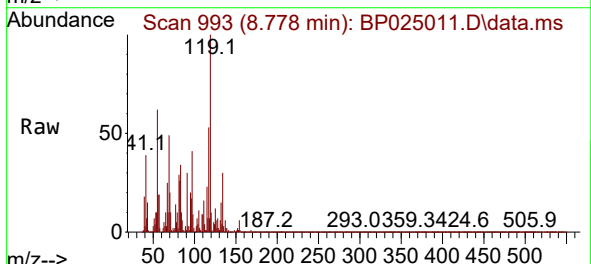
Instrument :
BNA_P
ClientSampleId :
3321

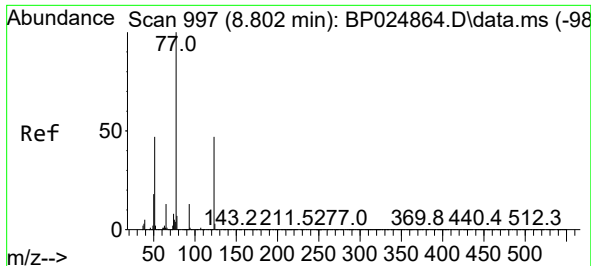
Tgt Ion:105 Resp:11720489
Ion Ratio Lower Upper
105 100
71 32.1 1.6 2.4#
51 4.6 20.6 31.0#
120 1.1 18.2 27.4#



#23
Nitrobenzene-d5
Concen: 218.758 ng
RT: 8.778 min Scan# 993
Delta R.T. 0.017 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 82 Resp: 1738681
Ion Ratio Lower Upper
82 100
128 27.0 35.3 52.9#
54 37.2 37.4 56.0#

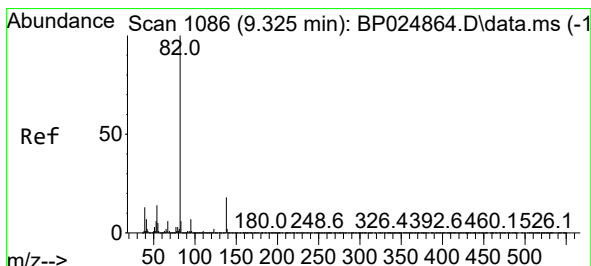
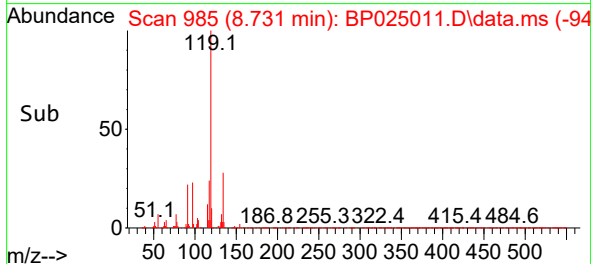
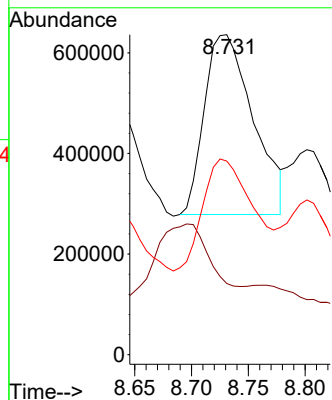
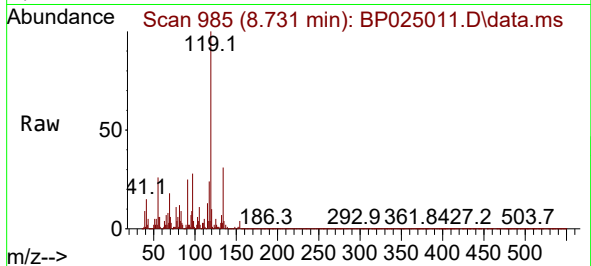




#24
Nitrobenzene
Concen: 151.374 ng
RT: 8.731 min Scan# 91
Delta R.T. -0.071 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

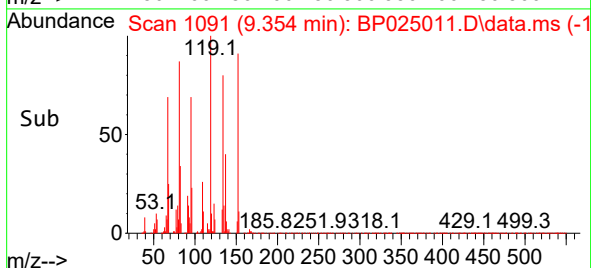
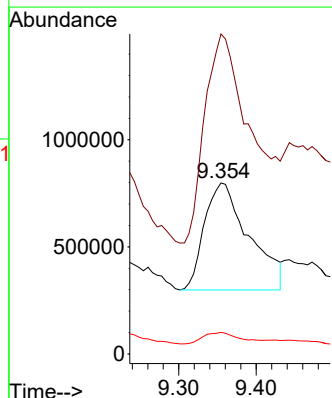
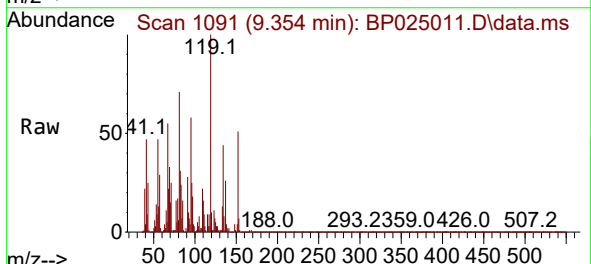
Instrument :
BNA_P
ClientSampleId :
3321

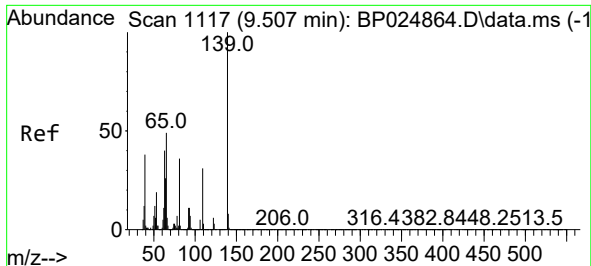
Tgt Ion: 77 Resp: 1068829
Ion Ratio Lower Upper
77 100
123 22.3 37.3 55.9#
65 60.5 10.8 16.2#



#25
Isophorone
Concen: 145.409 ng
RT: 9.354 min Scan# 1091
Delta R.T. 0.029 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 82 Resp: 2002965
Ion Ratio Lower Upper
82 100
95 187.2 5.9 8.9#
138 12.6 14.6 21.8#

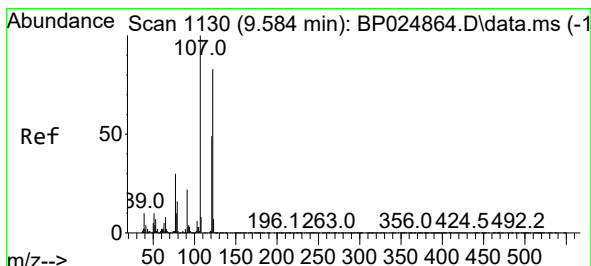
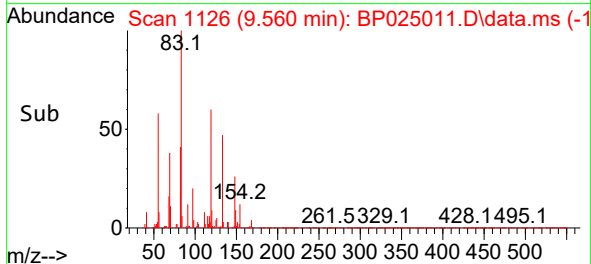
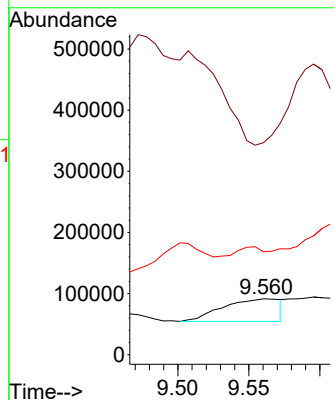
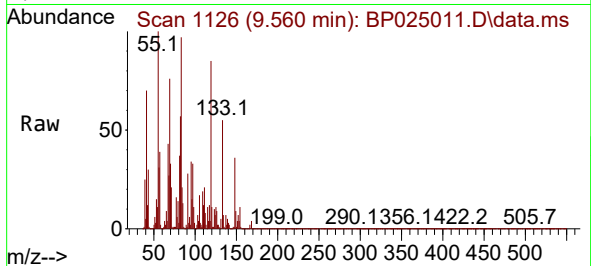




#26
2-Nitrophenol
Concen: 29.991 ng
RT: 9.560 min Scan# 1117
Delta R.T. 0.053 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

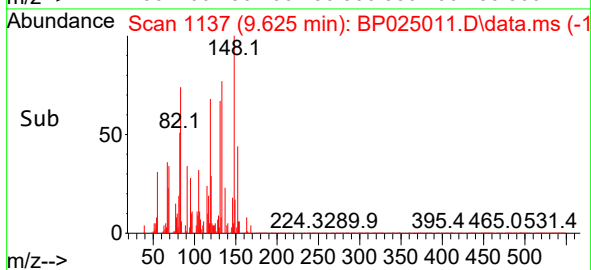
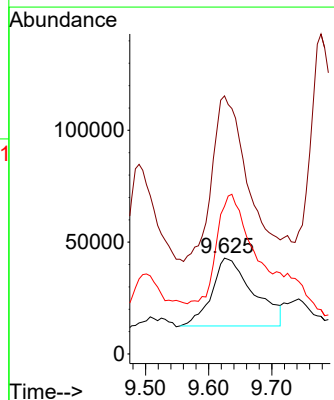
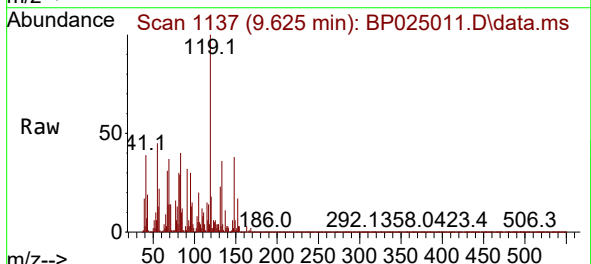
Instrument :
BNA_P
ClientSampleId :
3321

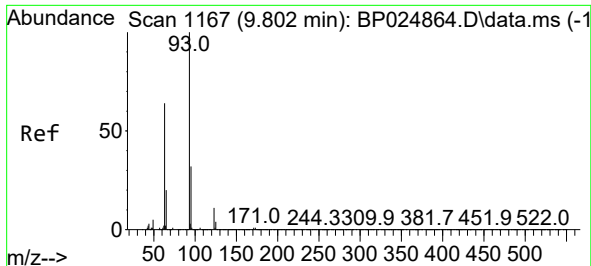
Tgt Ion:139 Resp: 104485
Ion Ratio Lower Upper
139 100
109 379.7 24.6 37.0#
65 184.2 39.5 59.3#



#27
2,4-Dimethylphenol
Concen: 23.376 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.041 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:122 Resp: 139379
Ion Ratio Lower Upper
122 100
107 269.3 96.2 144.4#
121 154.0 47.0 70.4#

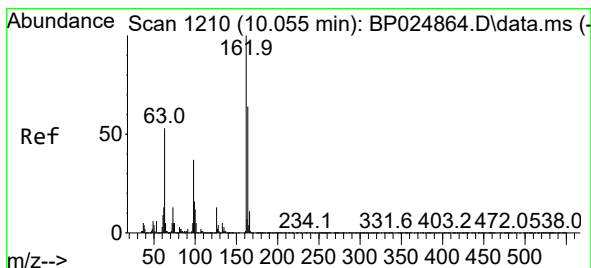
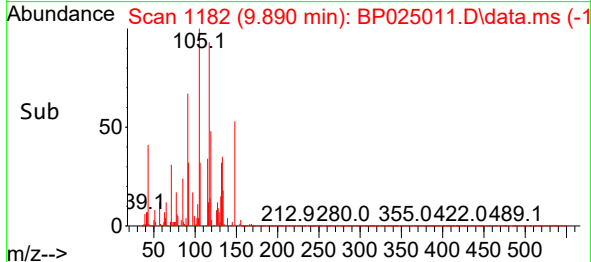
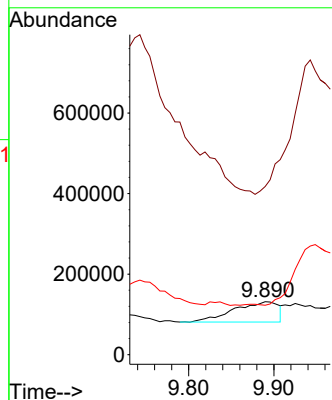
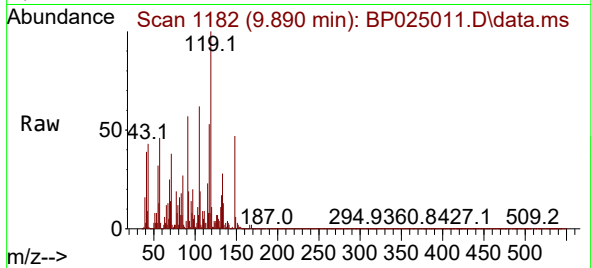




#28
bis(2-Chloroethoxy)methane
Concen: 22.714 ng
RT: 9.890 min Scan# 1167
Delta R.T. 0.088 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

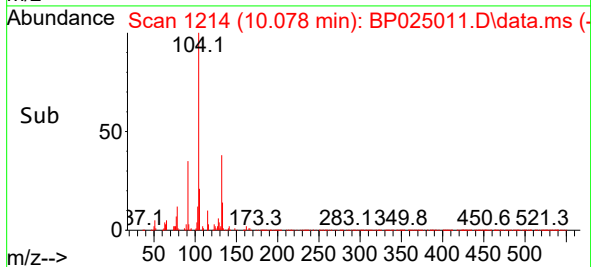
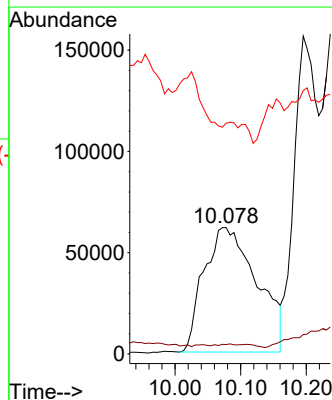
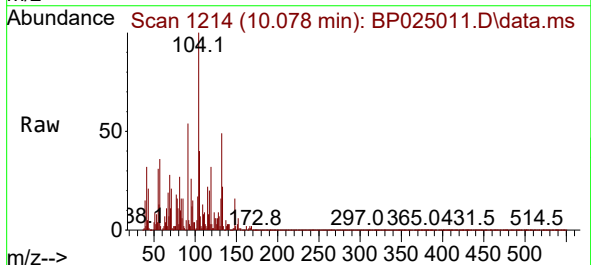
Instrument :
BNA_P
ClientSampleId :
3321

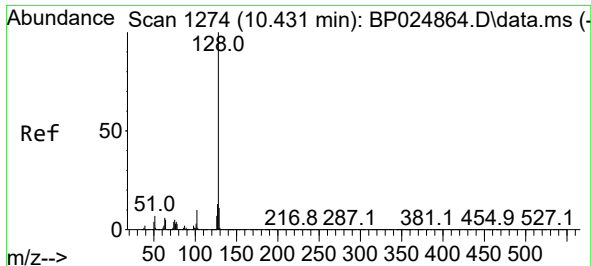
Tgt Ion: 93 Resp: 186639
Ion Ratio Lower Upper
93 100
95 317.0 25.5 38.3#
123 93.3 9.2 13.8#



#29
2,4-Dichlorophenol
Concen: 60.487 ng
RT: 10.078 min Scan# 1214
Delta R.T. 0.023 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:162 Resp: 346047
Ion Ratio Lower Upper
162 100
164 7.4 44.0 84.0#
98 182.5 16.9 56.9#

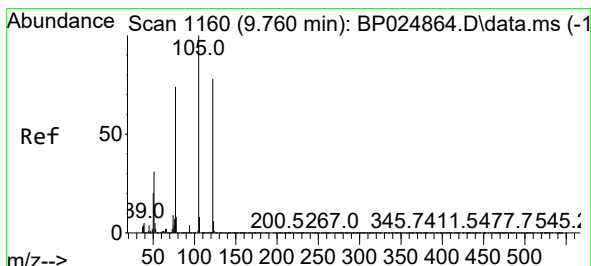
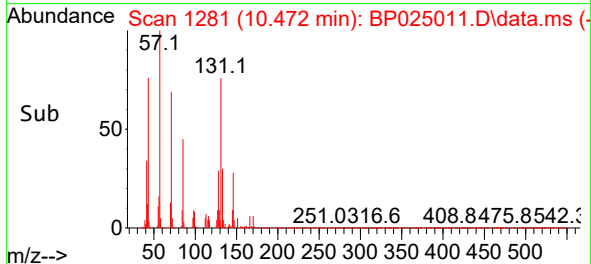
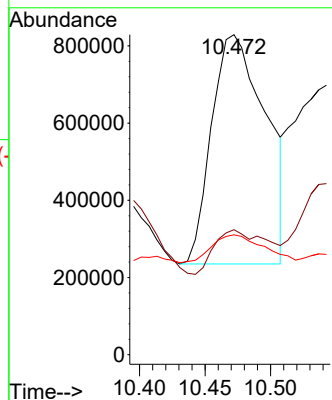
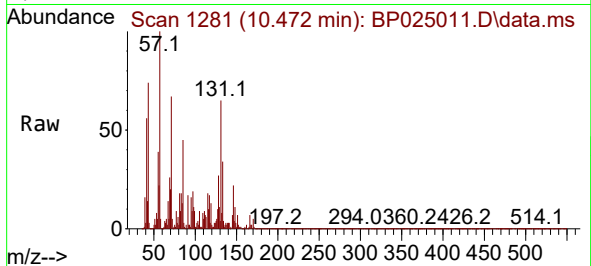




#31
Naphthalene
Concen: 85.847 ng
RT: 10.472 min Scan# 1191
Delta R.T. 0.041 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

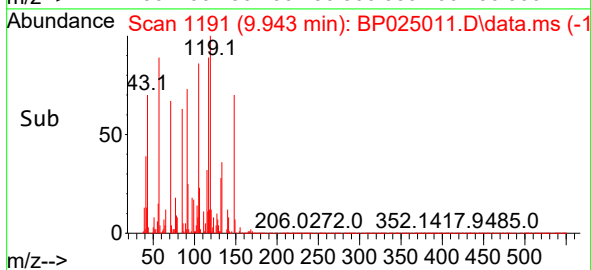
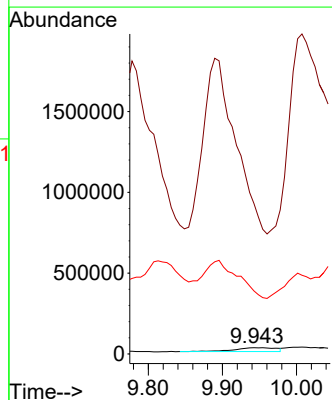
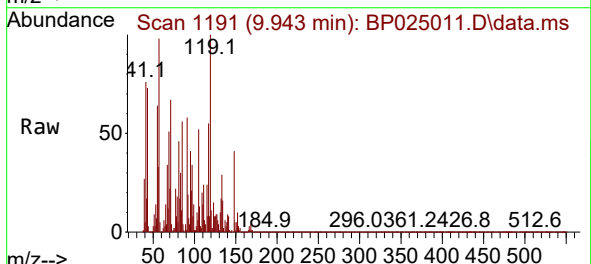
Instrument :
BNA_P
ClientSampleId :
3321

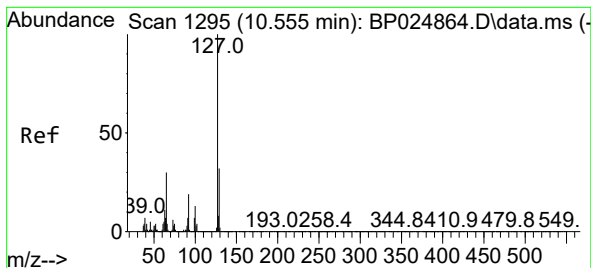
Tgt Ion:128 Resp: 1699090
Ion Ratio Lower Upper
128 100
129 39.0 8.7 13.1#
127 37.4 10.7 16.1#



#32
Benzoic acid
Concen: 23.526 ng
RT: 9.943 min Scan# 1191
Delta R.T. 0.182 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:122 Resp: 94791
Ion Ratio Lower Upper
122 100
105 2418.3 107.1 147.1#
77 1012.1 75.1 115.1#





#33

4-Chloroaniline

Concen: 9.583 ng

RT: 10.713 min Scan# 11

Delta R.T. 0.159 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

Tgt Ion:127 Resp: 79463

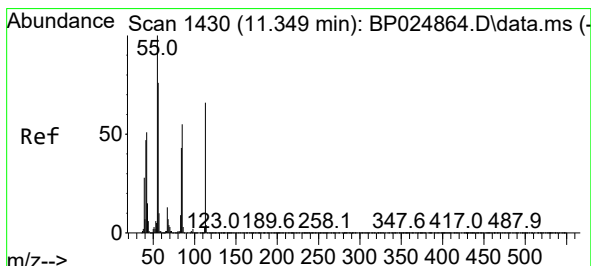
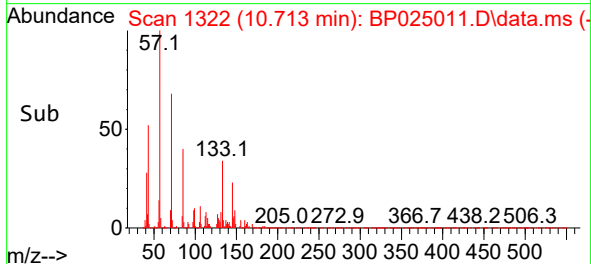
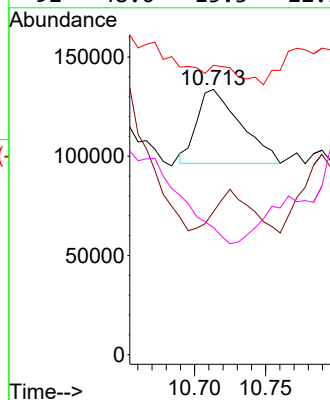
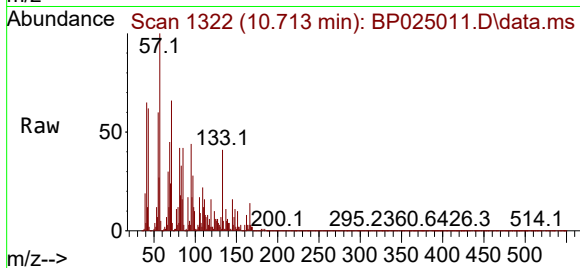
Ion Ratio Lower Upper

127 100

129 53.8 25.9 38.9#

65 109.1 23.9 35.9#

92 48.0 15.3 22.9#



#35

Caprolactam

Concen: 117.912 ng

RT: 11.372 min Scan# 1434

Delta R.T. 0.023 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

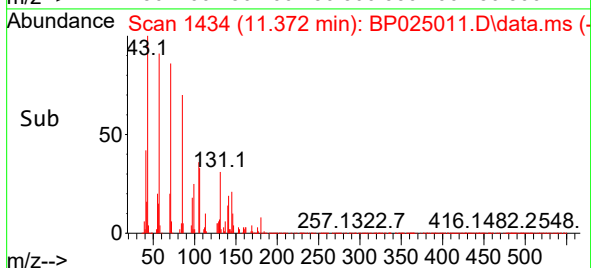
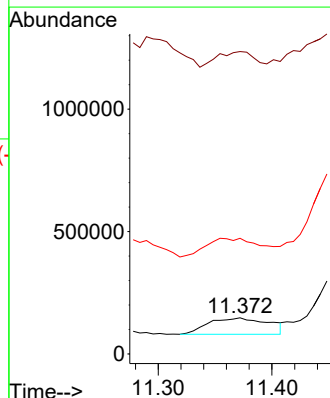
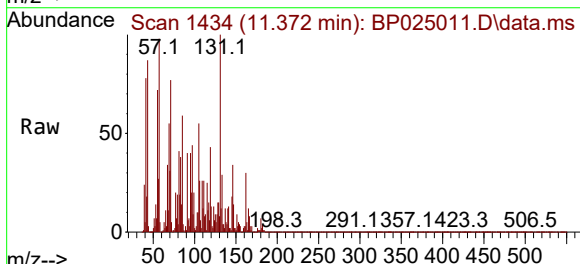
Tgt Ion:113 Resp: 248311

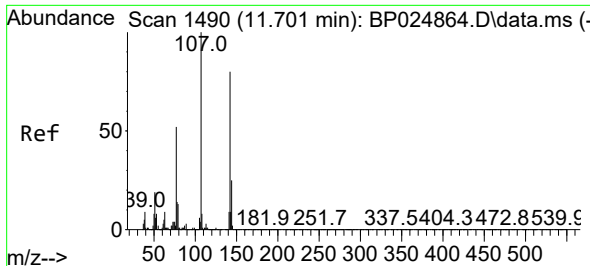
Ion Ratio Lower Upper

113 100

55 835.3 132.5 172.5#

56 319.4 96.0 136.0#

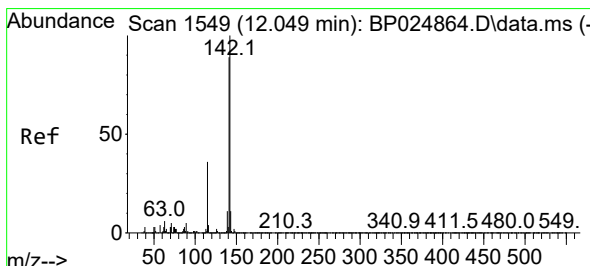
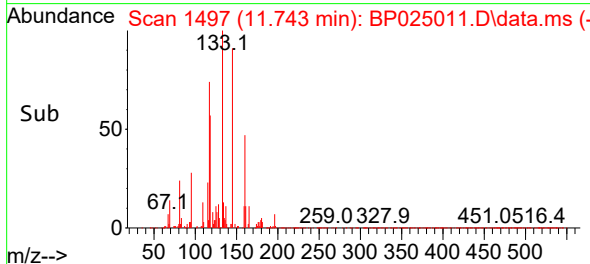
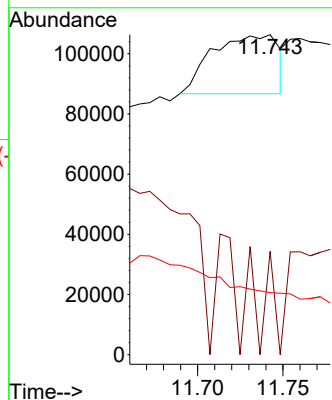
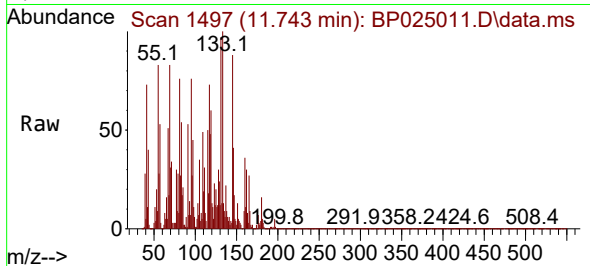




#36
4-Chloro-3-methylphenol
Concen: 7.970 ng
RT: 11.743 min Scan# 1490
Delta R.T. 0.041 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

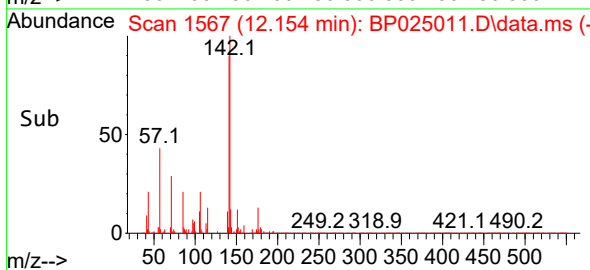
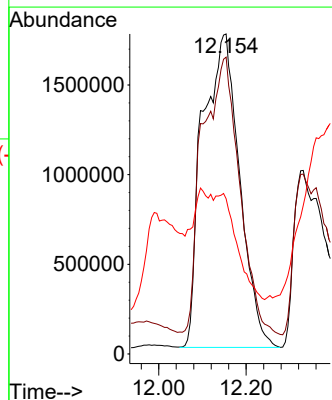
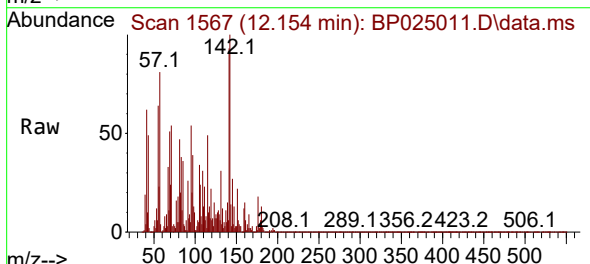
Instrument :
BNA_P
ClientSampleId :
3321

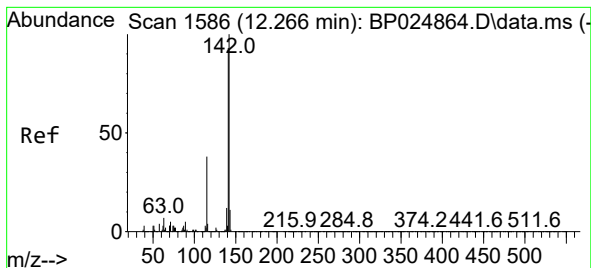
Tgt Ion:107 Resp: 52593
Ion Ratio Lower Upper
107 100
144 32.3 20.4 30.6#
142 19.4 63.8 95.6#



#37
2-Methylnaphthalene
Concen: 818.679 ng
RT: 12.154 min Scan# 1567
Delta R.T. 0.106 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:142 Resp:10278182
Ion Ratio Lower Upper
142 100
141 92.8 71.2 106.8
115 48.5 28.5 42.7#





#38

1-Methylnaphthalene

Concen: 400.326 ng

RT: 12.331 min Scan# 1

Delta R.T. 0.065 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

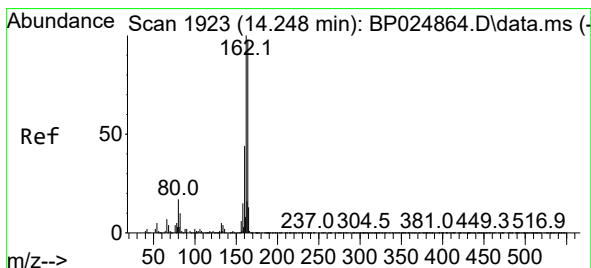
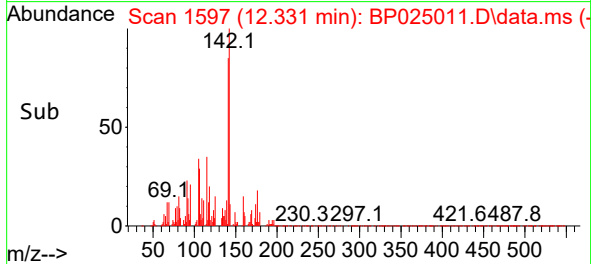
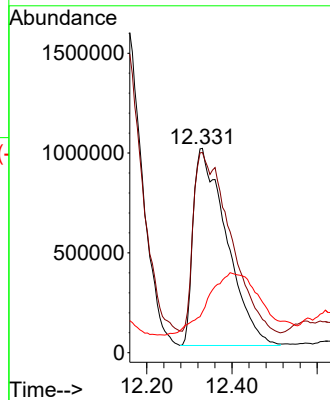
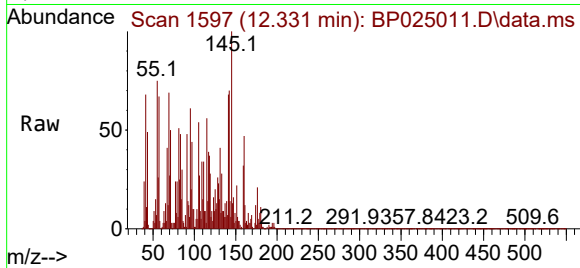
Tgt Ion:142 Resp: 5373289

Ion Ratio Lower Upper

142 100

141 97.9 74.7 112.1

116 20.0 3.4 5.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.336 min Scan# 1938

Delta R.T. 0.088 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

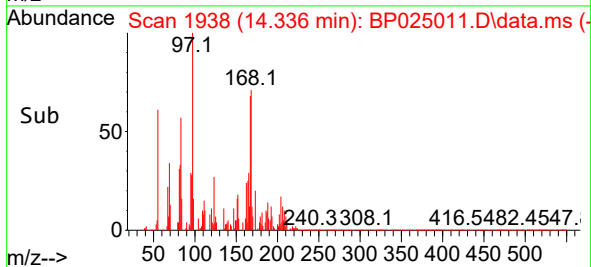
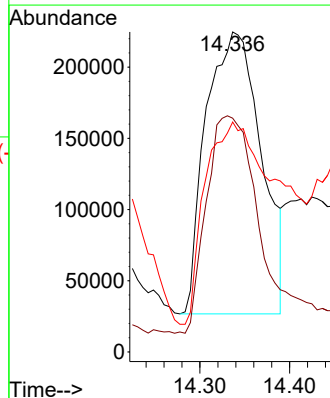
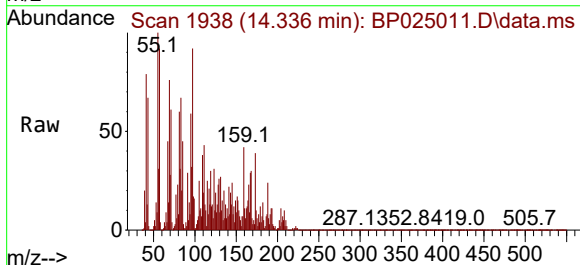
Tgt Ion:164 Resp: 845708

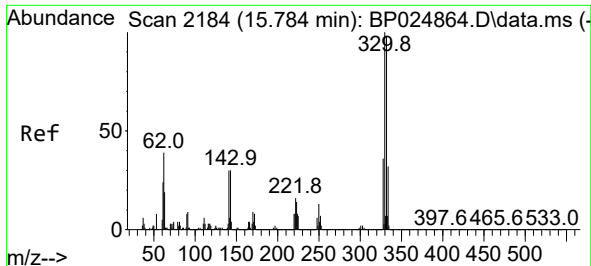
Ion Ratio Lower Upper

164 100

162 73.0 81.6 122.4#

160 71.9 36.2 54.2#

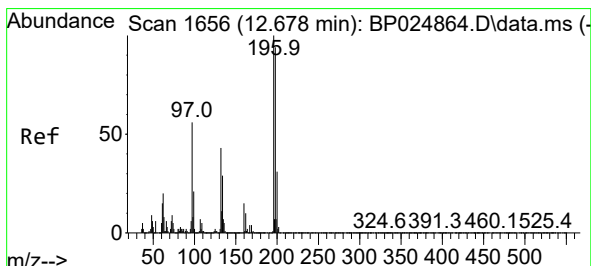
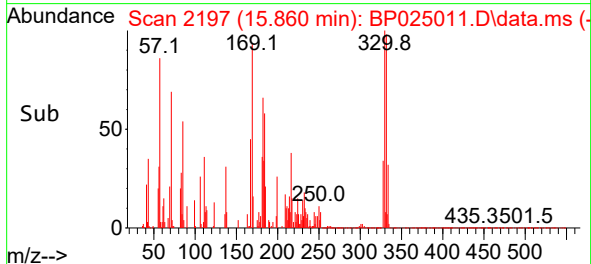
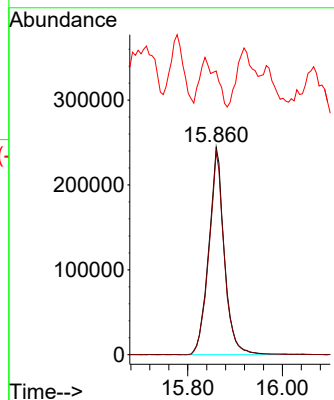
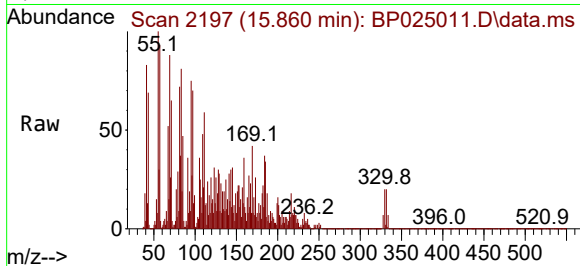




#42
2,4,6-Tribromophenol
Concen: 47.440 ng
RT: 15.860 min Scan# 2184
Delta R.T. 0.076 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

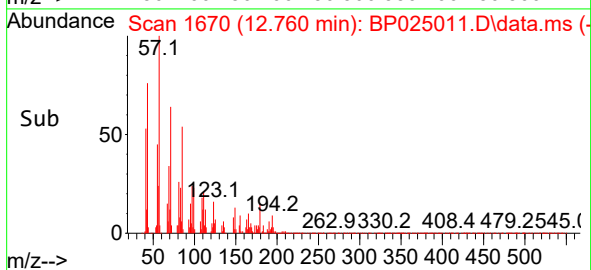
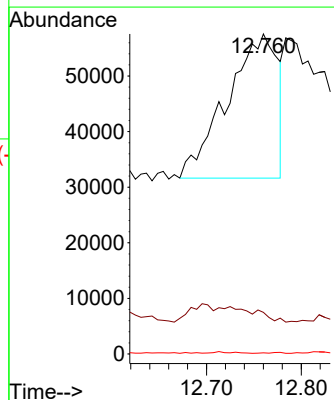
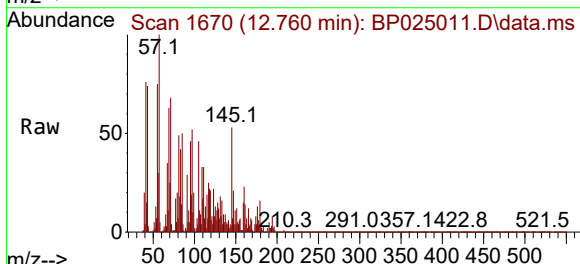
Instrument :
BNA_P
ClientSampleId :
3321

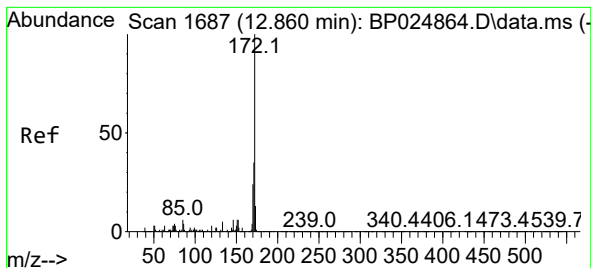
Tgt Ion:330 Resp: 554690
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 0.0 26.4 39.6#



#43
2,4,6-Trichlorophenol
Concen: 5.984 ng
RT: 12.760 min Scan# 1670
Delta R.T. 0.082 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:196 Resp: 96435
Ion Ratio Lower Upper
196 100
198 13.0 75.4 113.0#
200 0.3 24.4 36.6#





#45

2-Fluorobiphenyl

Concen: 24.629 ng

RT: 12.925 min Scan# 1

Delta R.T. 0.065 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

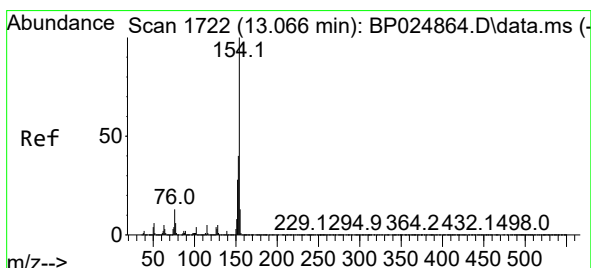
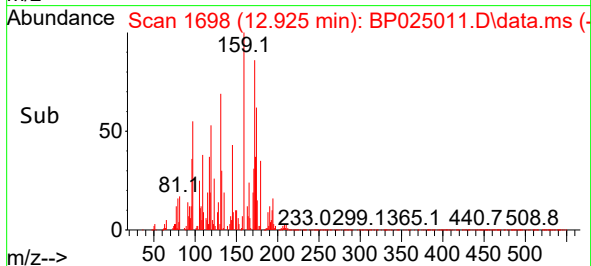
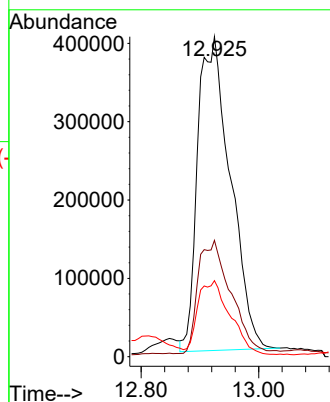
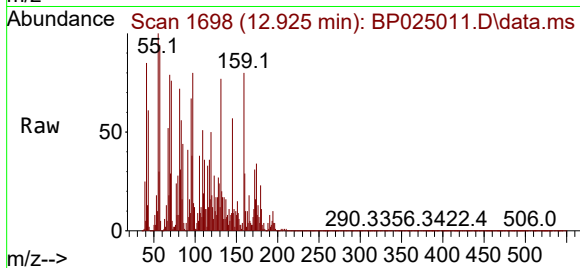
Tgt Ion:172 Resp: 1546192

Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 35.609 ng

RT: 13.131 min Scan# 1733

Delta R.T. 0.065 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

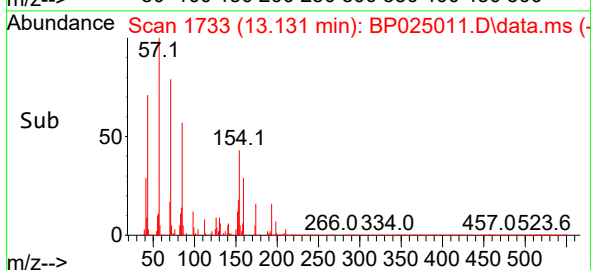
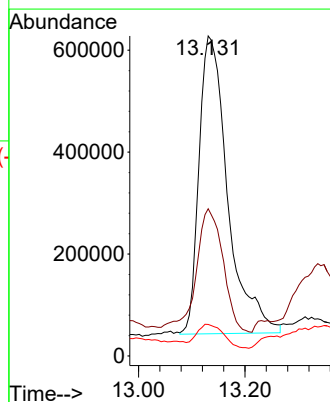
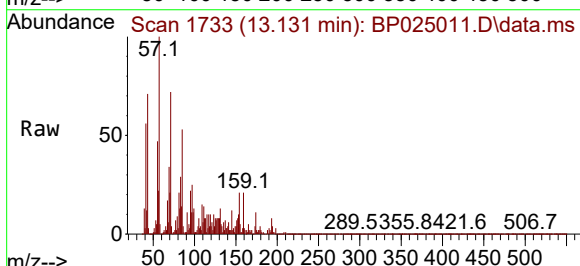
Tgt Ion:154 Resp: 2188532

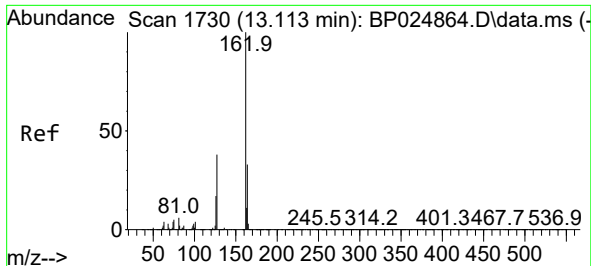
Ion Ratio Lower Upper

154 100

153 46.0 20.3 60.3

76 9.8 0.0 33.0

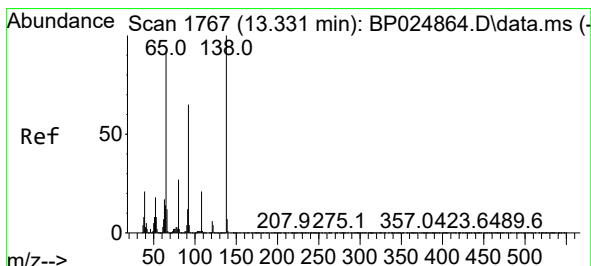
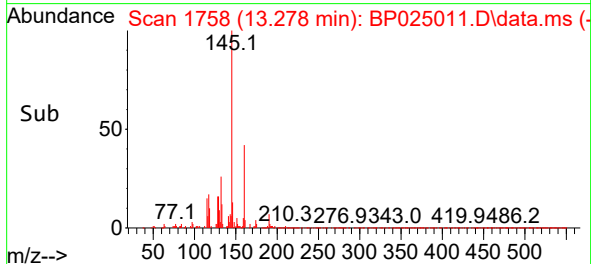
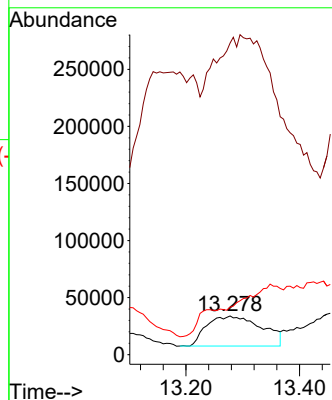
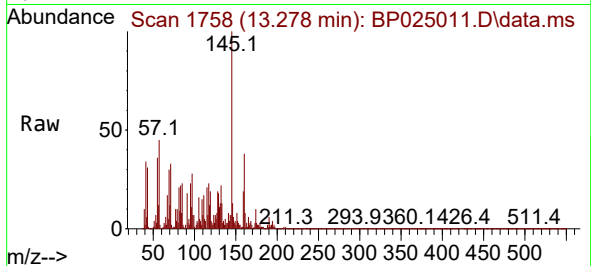




#47
2-Chloronaphthalene
Concen: 3.760 ng
RT: 13.278 min Scan# 1754
Delta R.T. 0.165 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

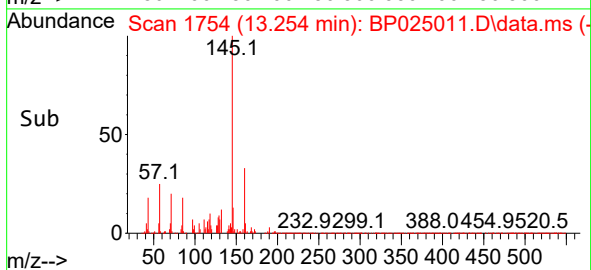
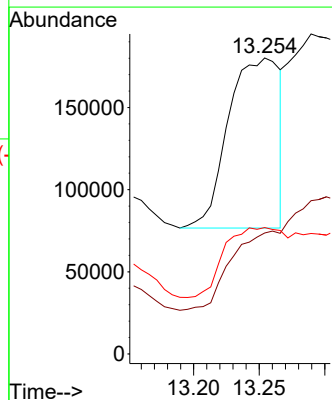
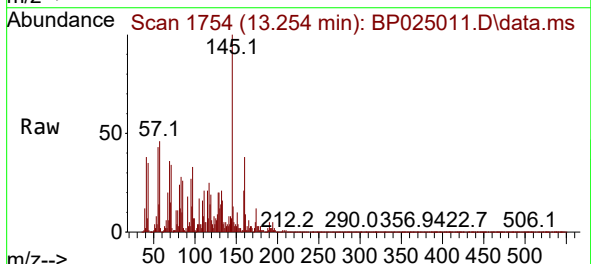
Instrument :
BNA_P
ClientSampleId :
3321

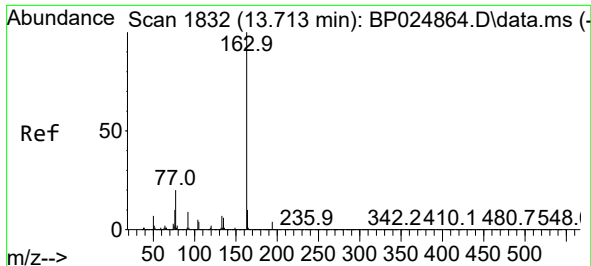
Tgt Ion:162 Resp: 177619
Ion Ratio Lower Upper
162 100
127 804.0 32.5 48.7#
164 122.6 26.2 39.2#



#48
2-Nitroaniline
Concen: 19.427 ng
RT: 13.254 min Scan# 1754
Delta R.T. -0.077 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 65 Resp: 282121
Ion Ratio Lower Upper
65 100
92 40.9 56.8 85.2#
138 42.7 86.9 130.3#

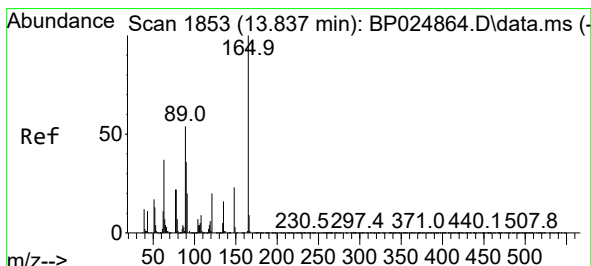
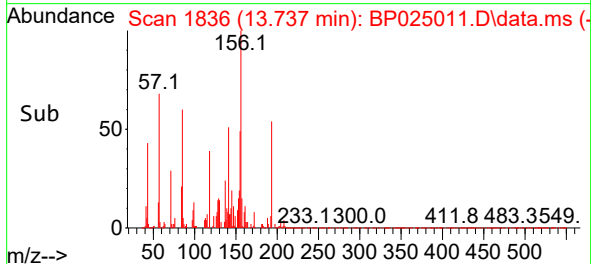
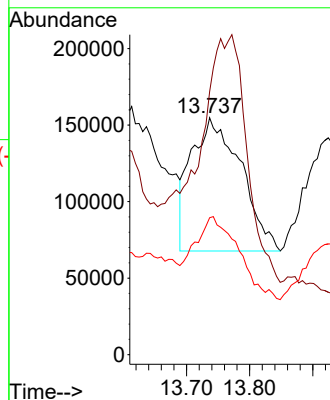
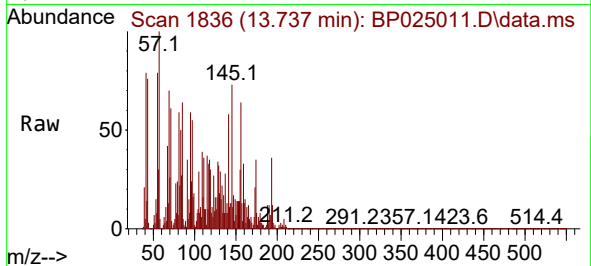




#50
Dimethylphthalate
Concen: 7.623 ng
RT: 13.737 min Scan# 1836
Delta R.T. 0.023 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

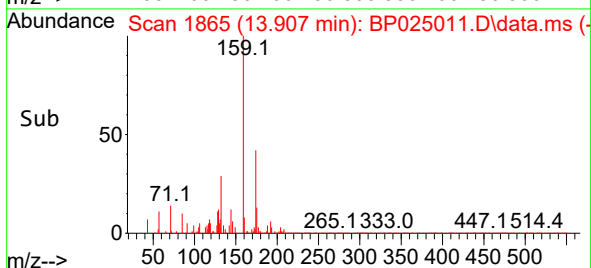
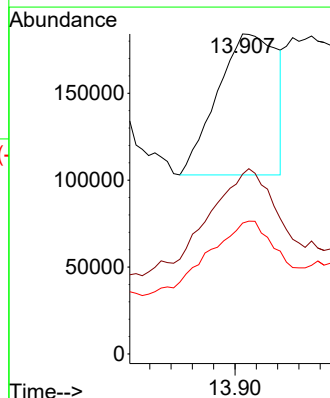
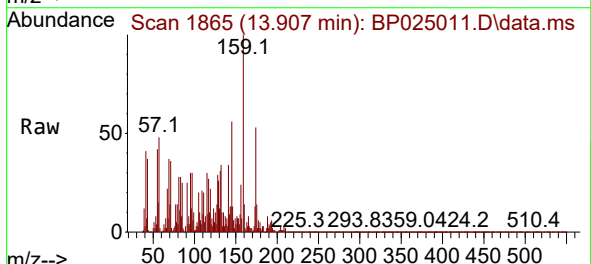
Instrument :
BNA_P
ClientSampleId :
3321

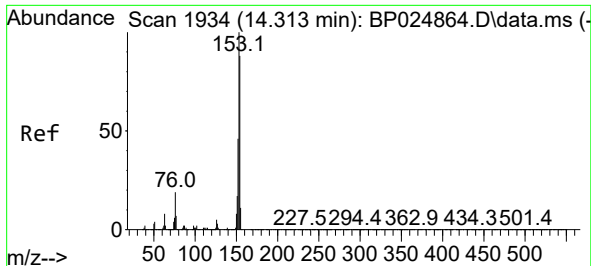
Tgt Ion:163 Resp: 475558
Ion Ratio Lower Upper
163 100
194 111.0 3.4 5.0#
164 57.8 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 23.331 ng
RT: 13.907 min Scan# 1865
Delta R.T. 0.070 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:165 Resp: 313784
Ion Ratio Lower Upper
165 100
63 56.2 41.8 62.8
89 40.9 43.1 64.7#

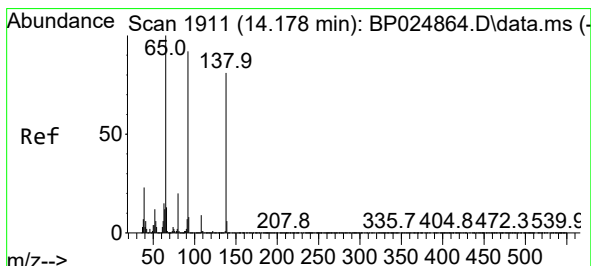
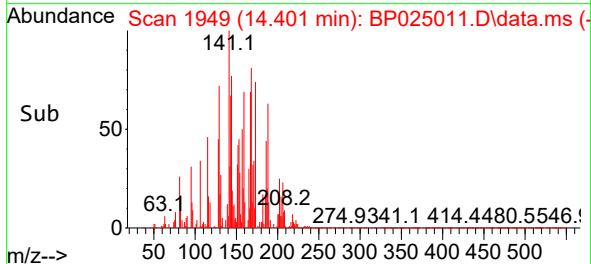
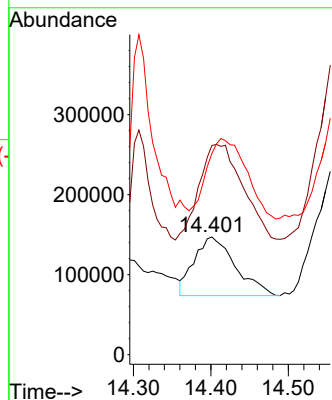
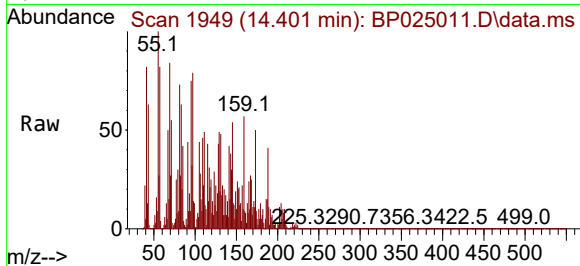




#52
Acenaphthene
Concen: 5.999 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.088 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

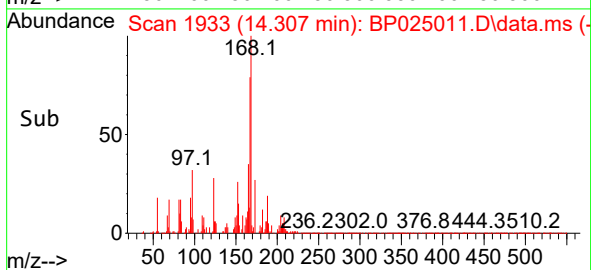
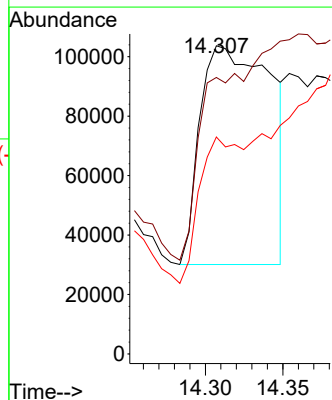
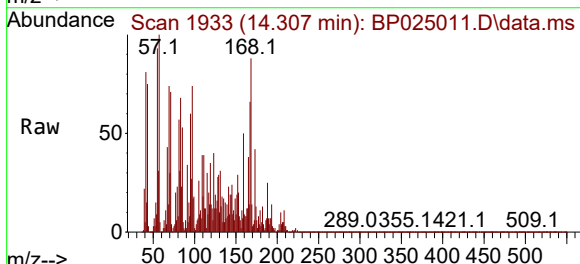
Instrument :
BNA_P
ClientSampleId :
3321

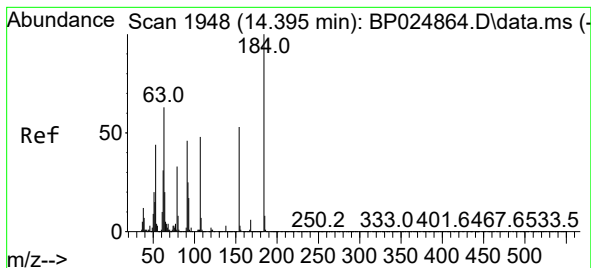
Tgt Ion:154 Resp: 270750
Ion Ratio Lower Upper
154 100
153 177.6 90.5 135.7#
152 170.7 42.1 63.1#



#53
3-Nitroaniline
Concen: 16.750 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.129 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:138 Resp: 233782
Ion Ratio Lower Upper
138 100
108 89.7 8.6 12.8#
92 70.4 91.3 136.9#





#54

2,4-Dinitrophenol

Concen: 8.729 ng

RT: 14.507 min Scan# 1948

Delta R.T. 0.112 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

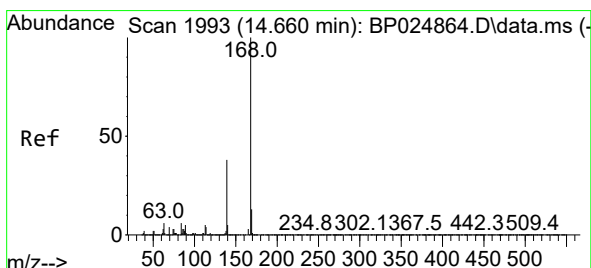
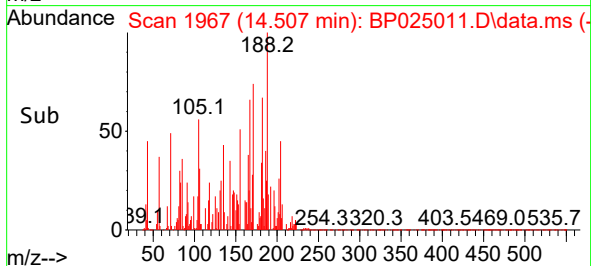
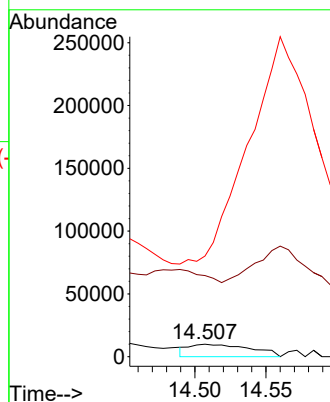
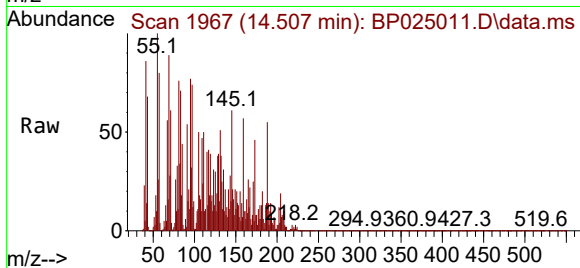
Tgt Ion:184 Resp: 29795

Ion Ratio Lower Upper

184 100

63 648.8 51.0 76.4#

154 804.6 51.7 77.5#



#55

Dibenzofuran

Concen: 9.611 ng

RT: 14.748 min Scan# 2008

Delta R.T. 0.088 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

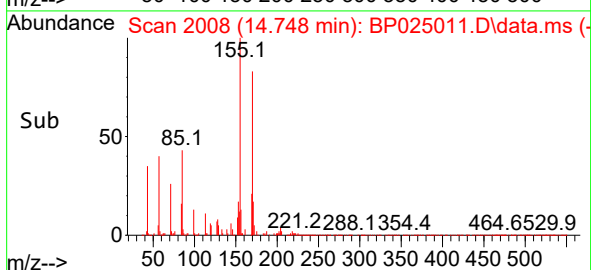
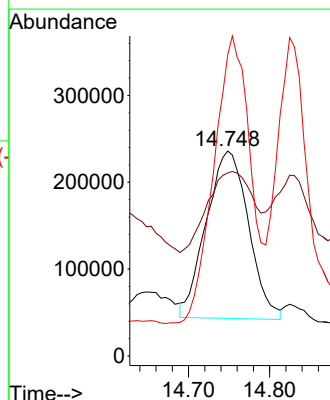
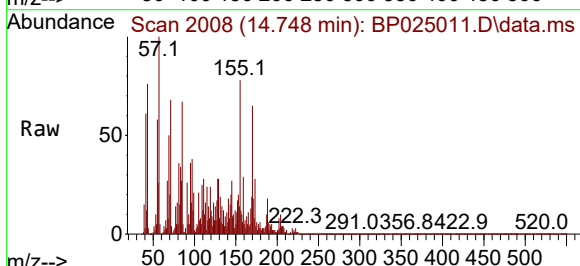
Tgt Ion:168 Resp: 696251

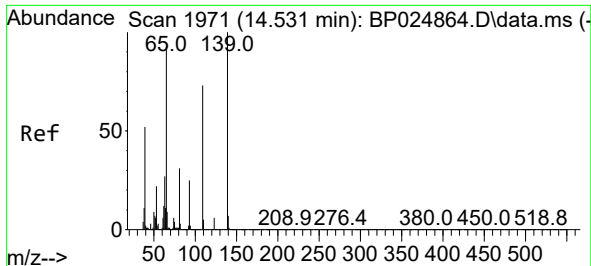
Ion Ratio Lower Upper

168 100

139 89.3 31.6 47.4#

169 146.9 10.6 15.8#

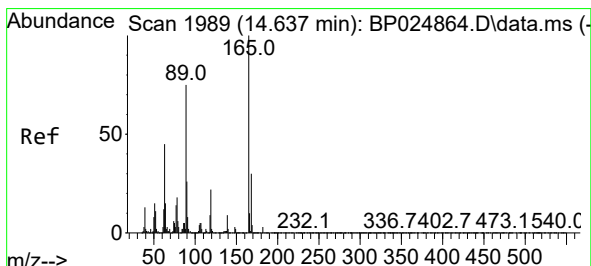
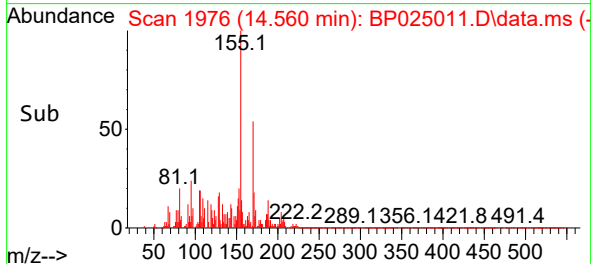
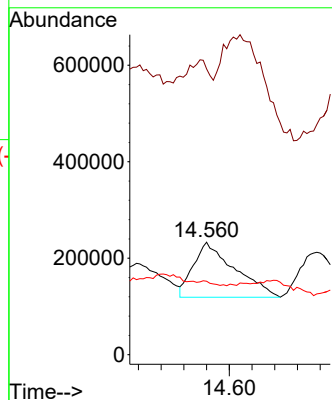
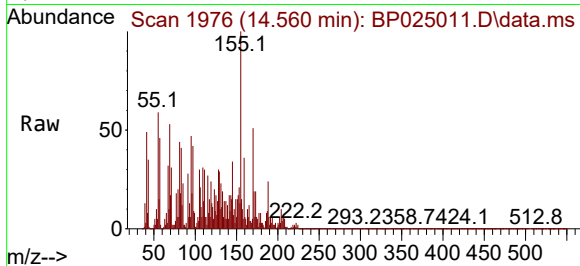




#56
4-Nitrophenol
Concen: 50.685 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

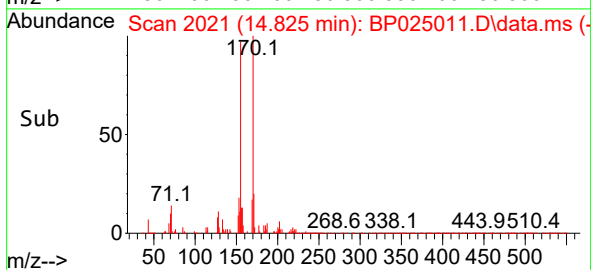
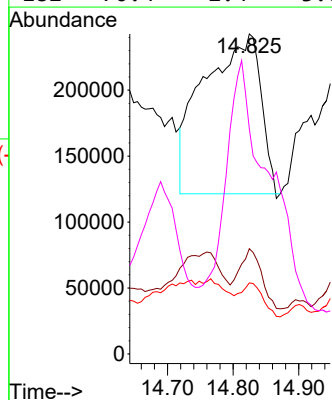
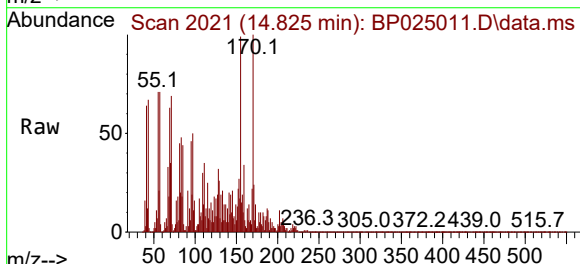
Instrument :
BNA_P
ClientSampleId :
3321

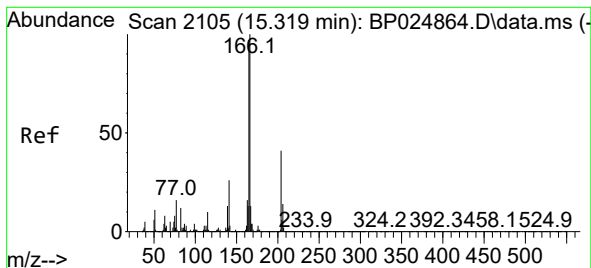
Tgt Ion:139 Resp: 573768
Ion Ratio Lower Upper
139 100
109 254.1 53.1 93.1#
65 65.3 73.0 113.0#



#57
2,4-Dinitrotoluene
Concen: 38.653 ng
RT: 14.825 min Scan# 2021
Delta R.T. 0.188 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:165 Resp: 727194
Ion Ratio Lower Upper
165 100
63 32.9 37.0 55.6#
89 22.2 60.1 90.1#
182 70.4 2.4 3.6#





#58

Fluorene

Concen: 27.089 ng

RT: 15.407 min Scan# 2105

Delta R.T. 0.088 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

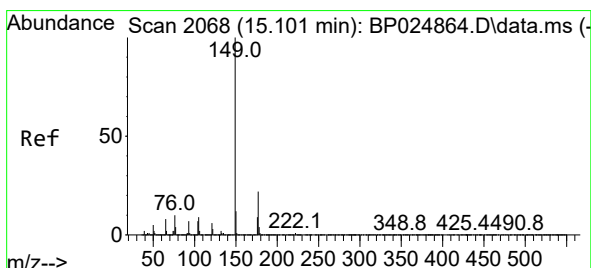
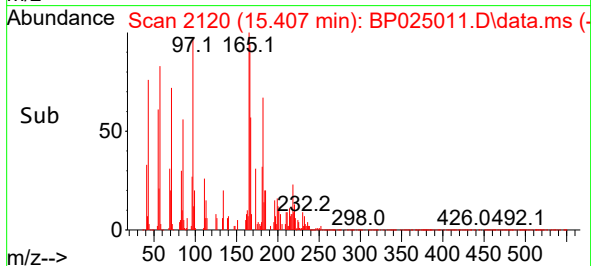
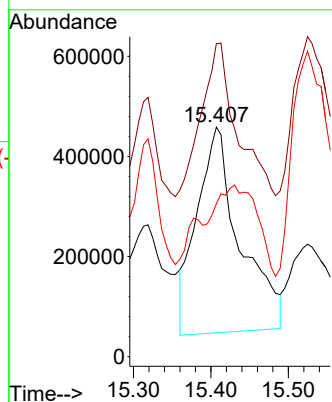
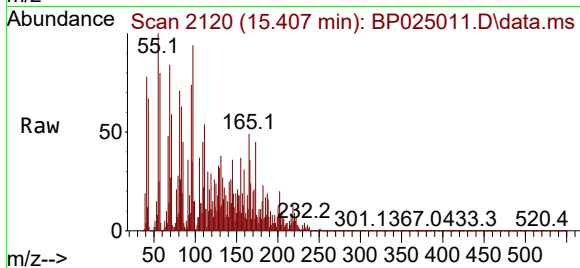
Tgt Ion:166 Resp: 1585325

Ion Ratio Lower Upper

166 100

165 136.3 77.7 116.5#

167 66.6 10.6 16.0#



#60

Diethylphthalate

Concen: 9.651 ng

RT: 15.260 min Scan# 2095

Delta R.T. 0.159 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

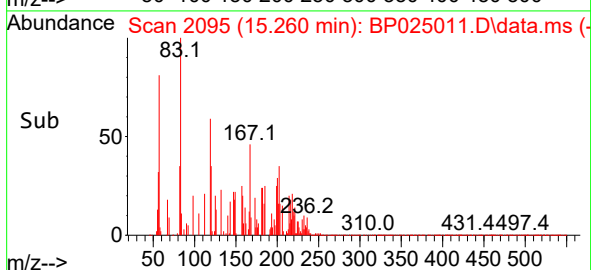
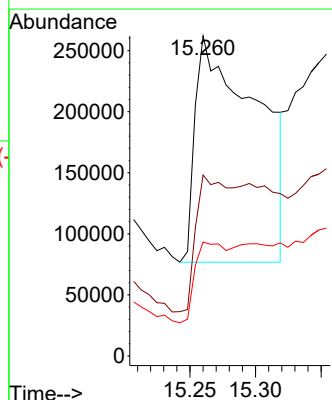
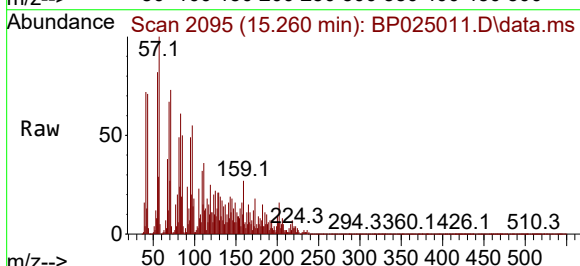
Tgt Ion:149 Resp: 600065

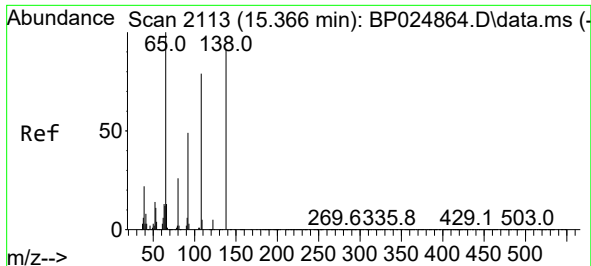
Ion Ratio Lower Upper

149 100

177 56.5 17.9 26.9#

150 35.6 9.8 14.6#

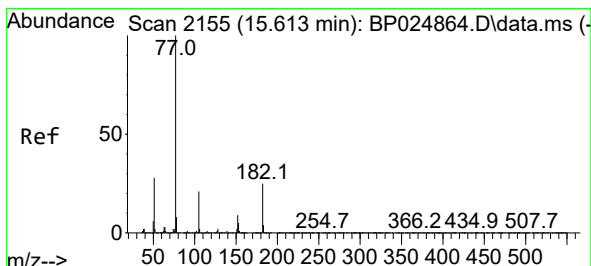
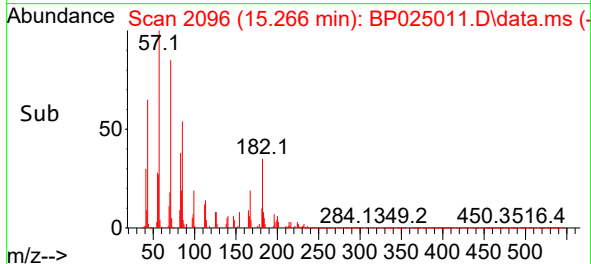
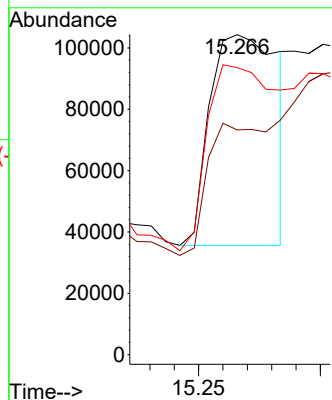
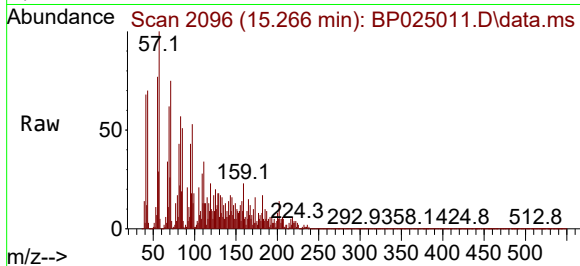




#62
4-Nitroaniline
Concen: 10.512 ng
RT: 15.266 min Scan# 2096
Delta R.T. -0.100 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

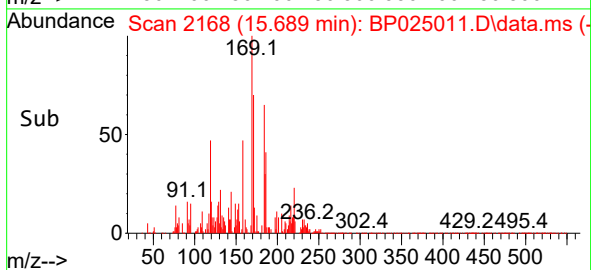
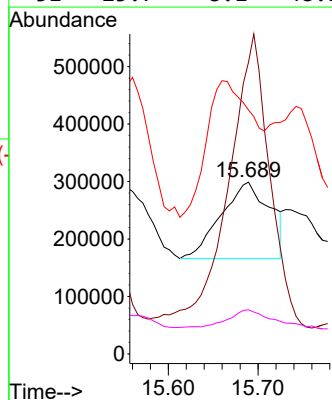
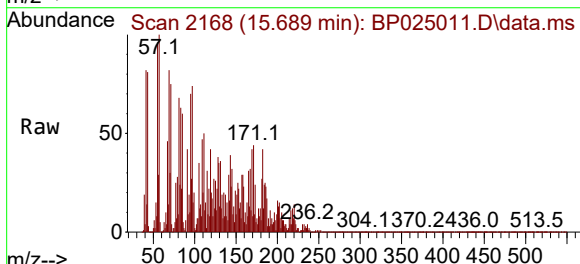
Instrument :
BNA_P
ClientSampleId :
3321

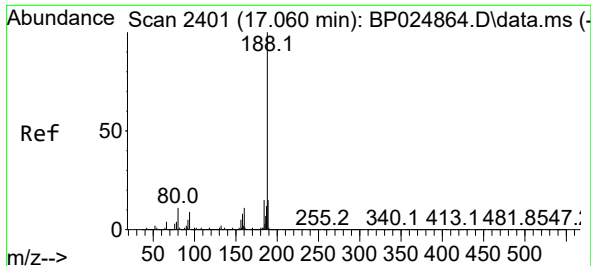
Tgt Ion:138 Resp: 133027
Ion Ratio Lower Upper
138 100
92 70.3 33.5 73.5
108 89.7 65.1 105.1



#63
Azobenzene
Concen: 8.793 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.076 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 77 Resp: 501415
Ion Ratio Lower Upper
77 100
182 169.8 5.4 45.4#
105 142.0 0.8 40.8#
51 25.7 8.1 48.1

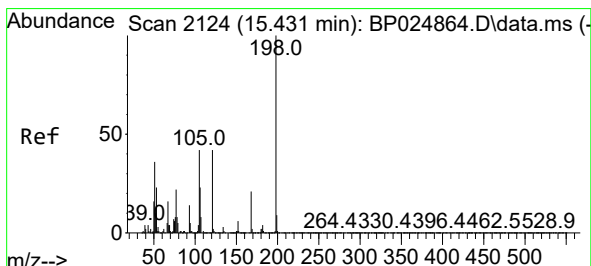
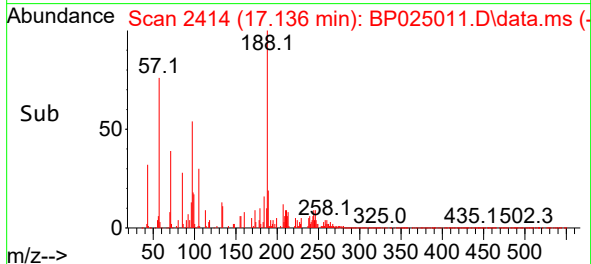
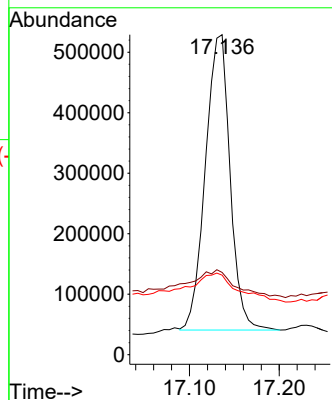
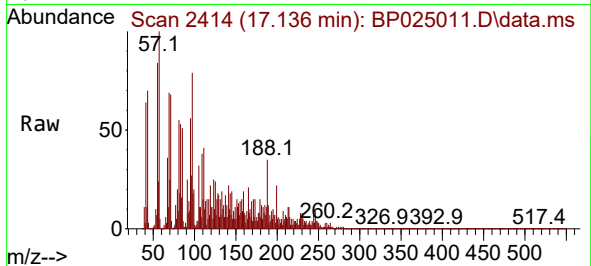




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2414
Delta R.T. 0.076 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

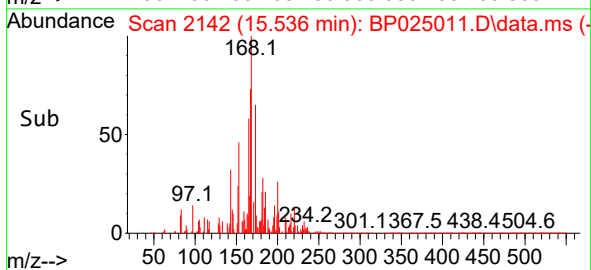
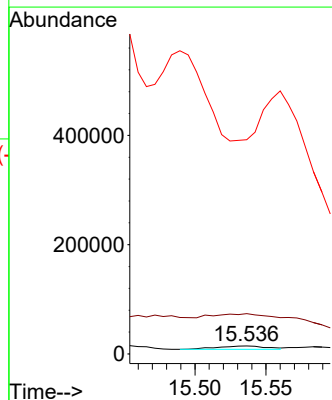
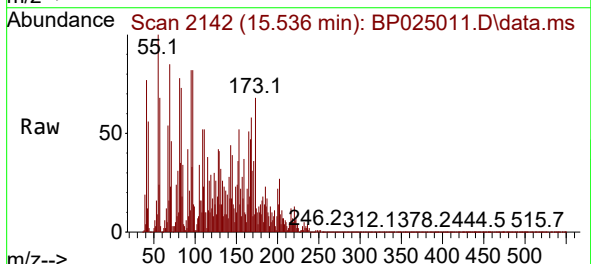
Instrument :
BNA_P
ClientSampleId :
3321

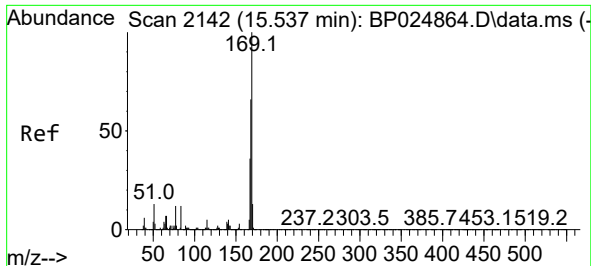
Tgt Ion:188 Resp: 932998
Ion Ratio Lower Upper
188 100
94 25.7 7.3 10.9#
80 24.9 8.5 12.7#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.368 ng
RT: 15.536 min Scan# 2142
Delta R.T. 0.106 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:198 Resp: 14515
Ion Ratio Lower Upper
198 100
51 506.8 19.2 59.2#
105 2689.2 22.6 62.6#

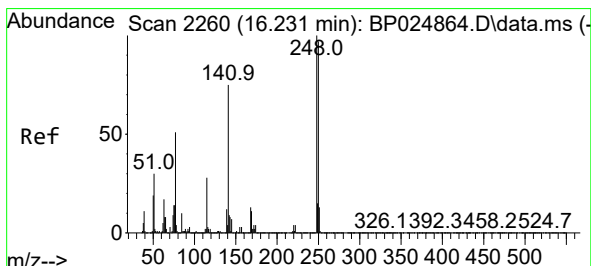
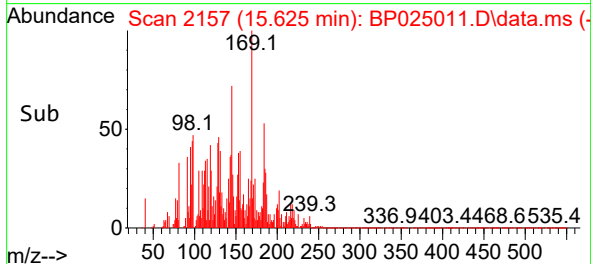
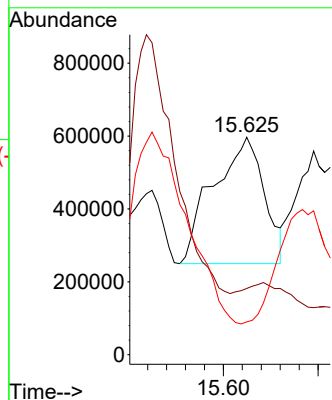
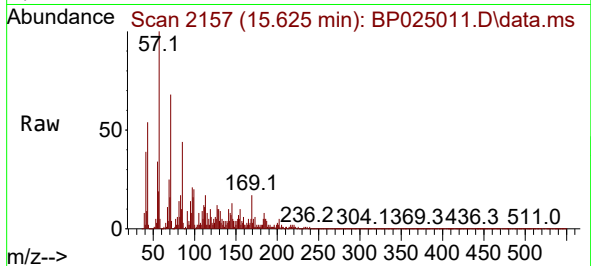




#66
n-Nitrosodiphenylamine
Concen: 44.817 ng
RT: 15.625 min Scan# 2142
Delta R.T. 0.088 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

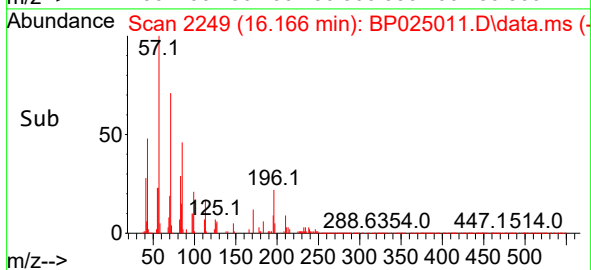
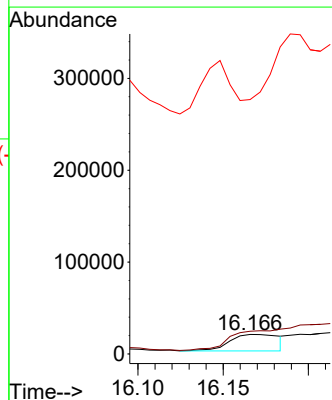
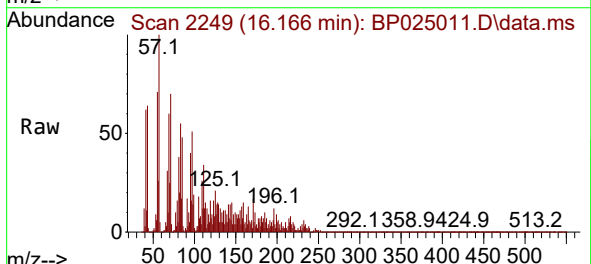
Instrument :
BNA_P
ClientSampleId :
3321

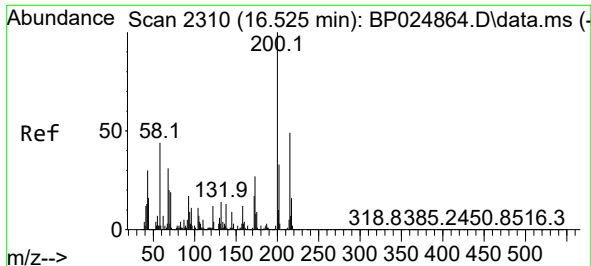
Tgt Ion:169 Resp: 1296034
Ion Ratio Lower Upper
169 100
168 30.5 53.0 79.6#
167 15.1 28.6 43.0#



#67
4-Bromophenyl-phenylether
Concen: 3.434 ng
RT: 16.166 min Scan# 2249
Delta R.T. -0.065 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:248 Resp: 36152
Ion Ratio Lower Upper
248 100
250 116.9 77.4 116.2#
141 1306.5 59.9 89.9#

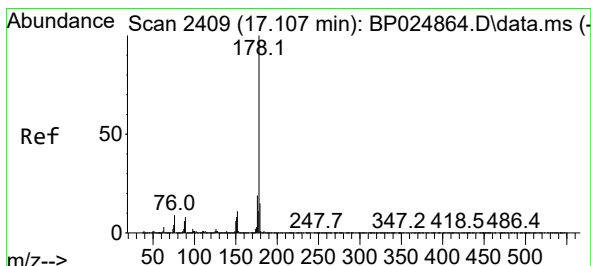
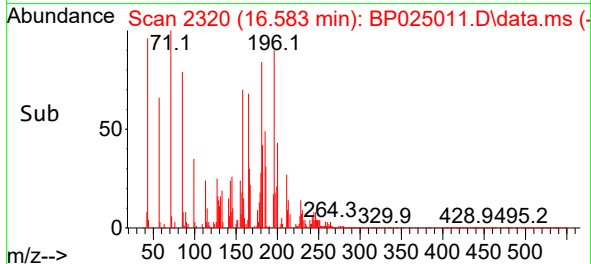
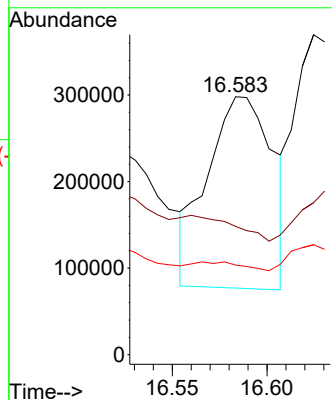
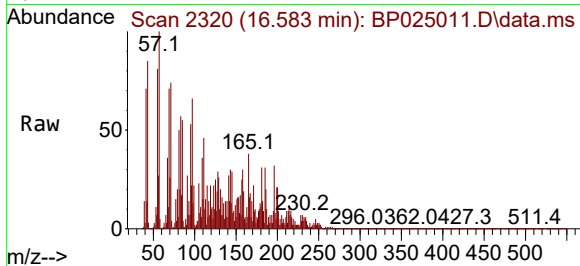




#69
 Atrazine
 Concen: 50.537 ng
 RT: 16.583 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BP025011.D
 Acq: 19 Jun 2025 21:53

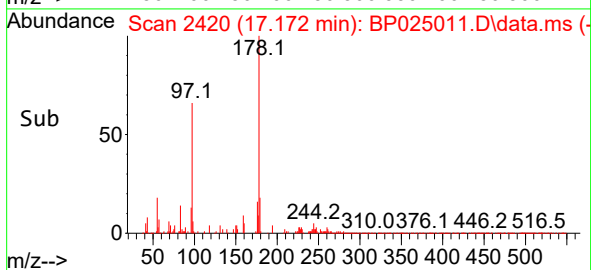
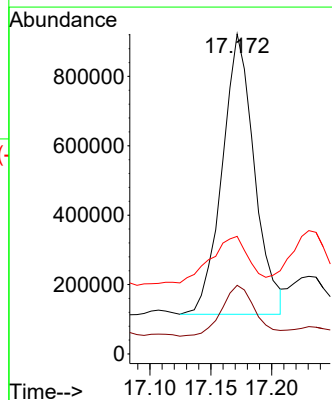
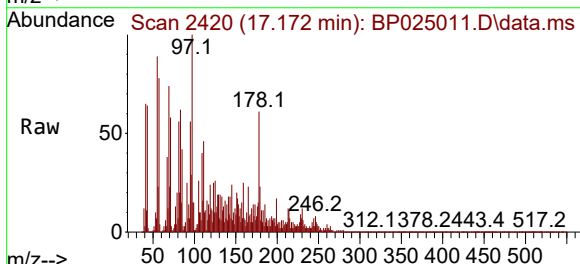
Instrument :
 BNA_P
 ClientSampleId :
 3321

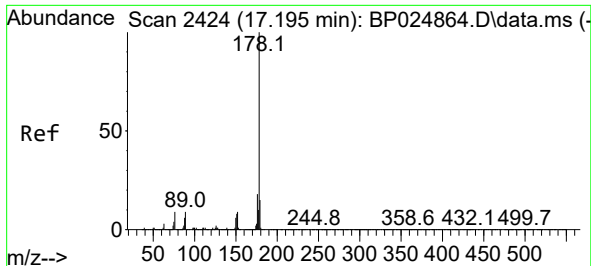
Tgt Ion:200 Resp: 529805
 Ion Ratio Lower Upper
 200 100
 173 49.7 6.9 46.9#
 215 34.7 28.7 68.7



#71
 Phenanthrene
 Concen: 28.856 ng
 RT: 17.172 min Scan# 2420
 Delta R.T. 0.065 min
 Lab File: BP025011.D
 Acq: 19 Jun 2025 21:53

Tgt Ion:178 Resp: 1487803
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.3 22.9
 179 36.8 12.1 18.1#

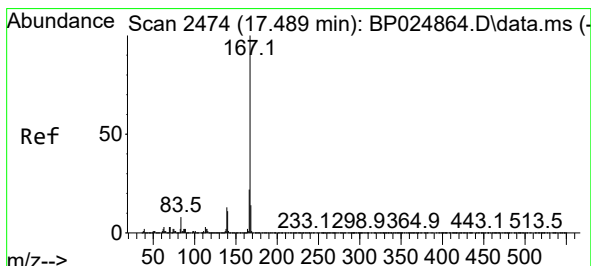
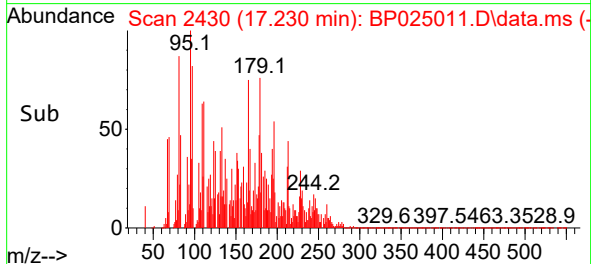
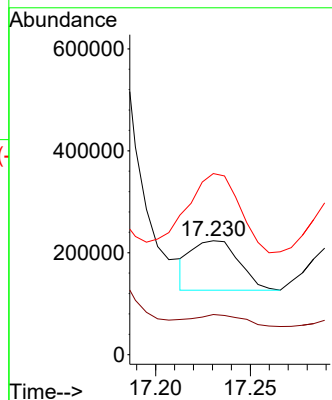
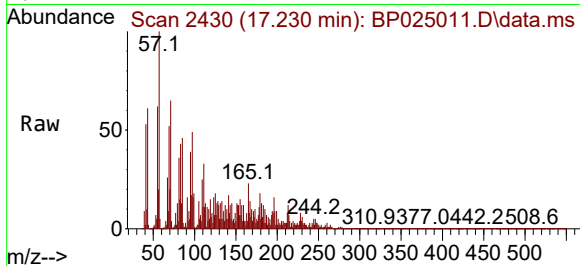




#72
 Anthracene
 Concen: 3.239 ng
 RT: 17.230 min Scan# 2424
 Delta R.T. 0.035 min
 Lab File: BP025011.D
 Acq: 19 Jun 2025 21:53

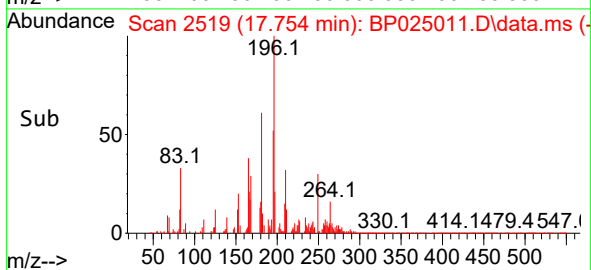
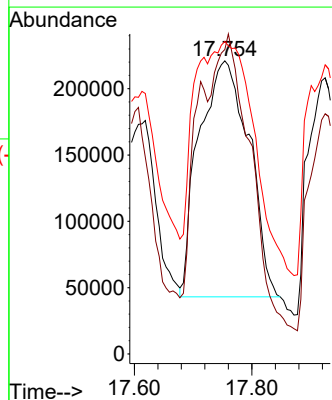
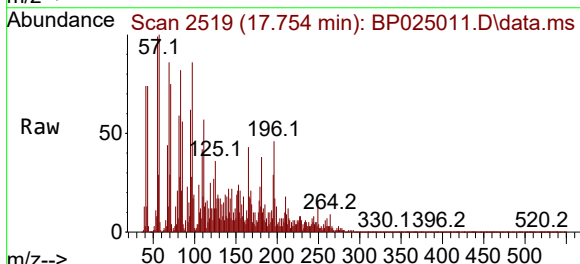
Instrument :
 BNA_P
 ClientSampleId :
 3321

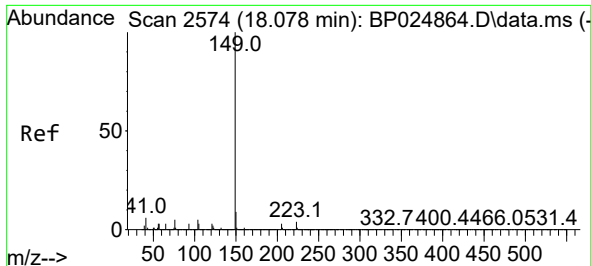
Tgt Ion:178 Resp: 169152
 Ion Ratio Lower Upper
 178 100
 176 35.3 14.7 22.1#
 179 159.0 12.3 18.5#



#73
 Carbazole
 Concen: 21.653 ng
 RT: 17.754 min Scan# 2519
 Delta R.T. 0.265 min
 Lab File: BP025011.D
 Acq: 19 Jun 2025 21:53

Tgt Ion:167 Resp: 1048027
 Ion Ratio Lower Upper
 167 100
 166 103.9 17.3 25.9#
 139 106.6 10.8 16.2#

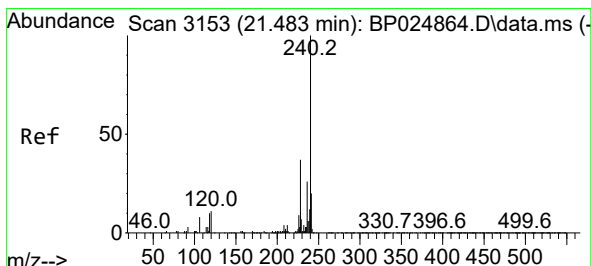
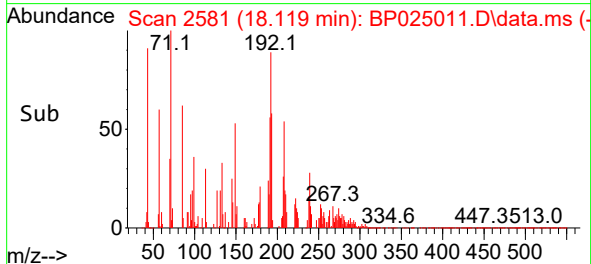
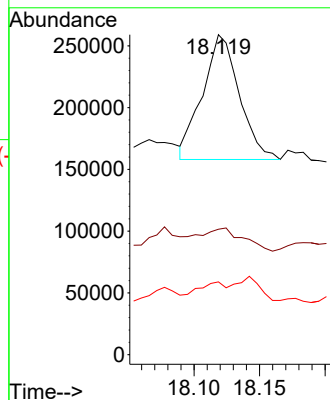
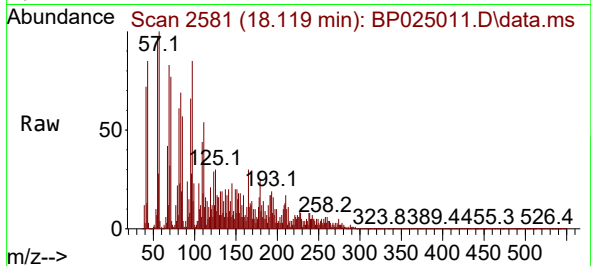




#74
Di-n-butylphthalate
Concen: 3.281 ng
RT: 18.119 min Scan# 211
Delta R.T. 0.041 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

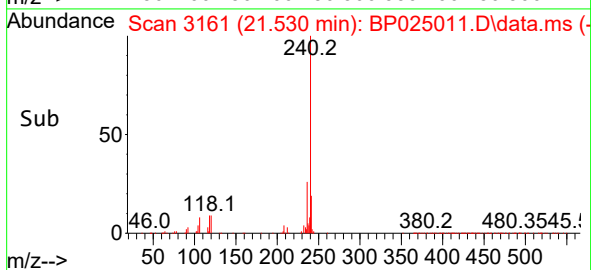
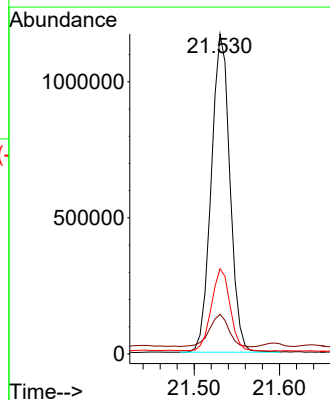
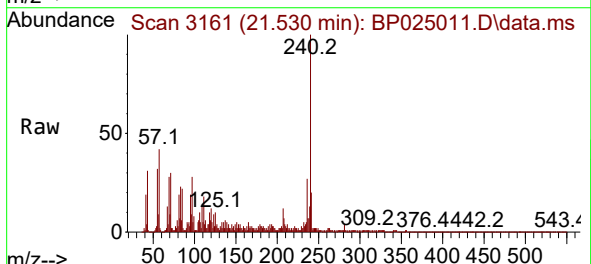
Instrument :
BNA_P
ClientSampleId :
3321

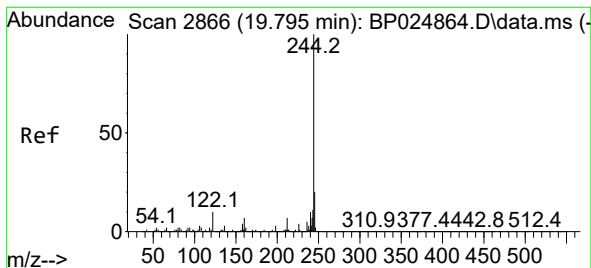
Tgt Ion:149 Resp: 196733
Ion Ratio Lower Upper
149 100
150 39.2 7.4 11.2#
104 22.7 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.047 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:240 Resp: 1780109
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 30.298 ng

RT: 19.866 min Scan# 21

Delta R.T. 0.070 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

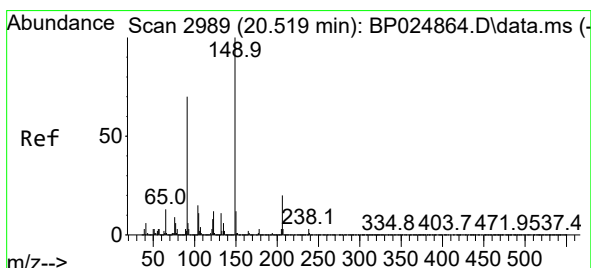
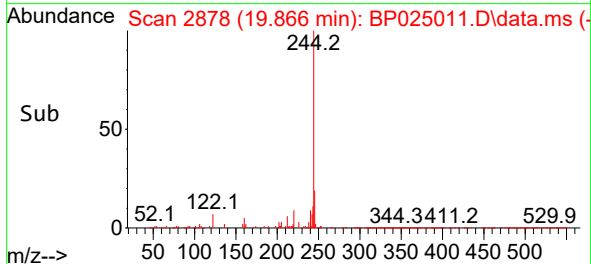
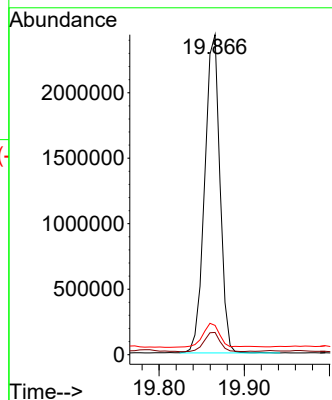
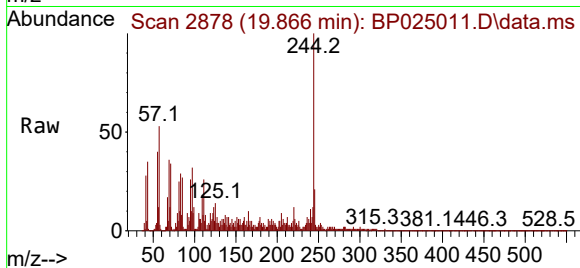
Tgt Ion:244 Resp: 3009314

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 2.440 ng

RT: 20.713 min Scan# 3022

Delta R.T. 0.194 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

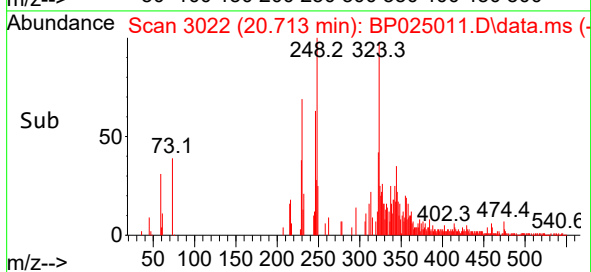
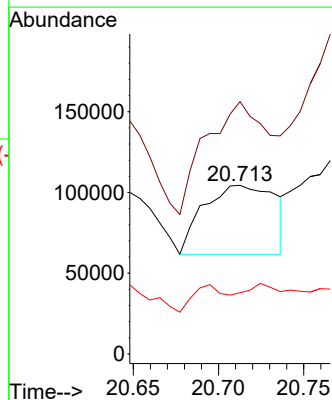
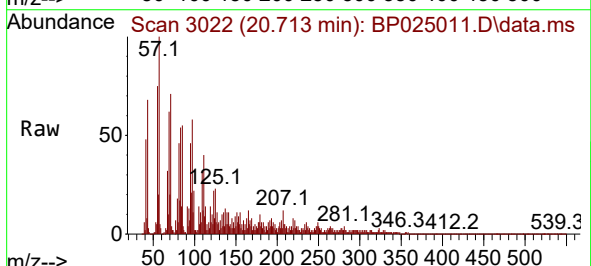
Tgt Ion:149 Resp: 124300

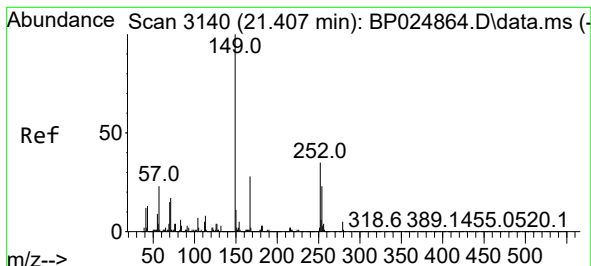
Ion Ratio Lower Upper

149 100

91 149.7 55.8 83.8#

206 36.3 16.2 24.2#

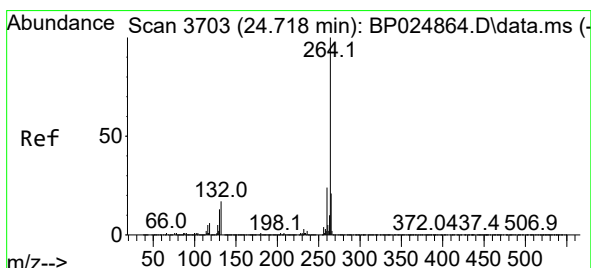
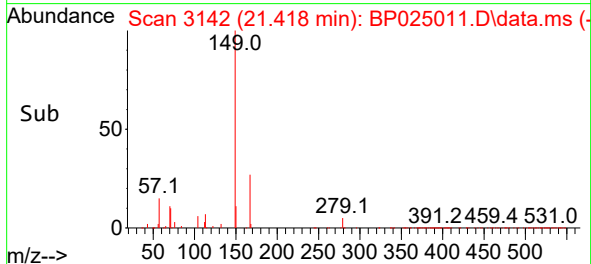
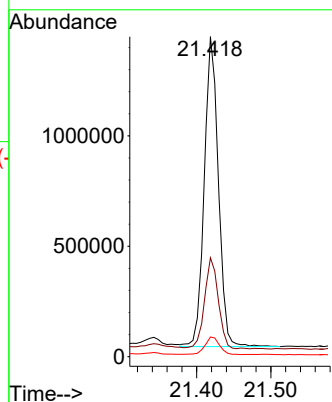
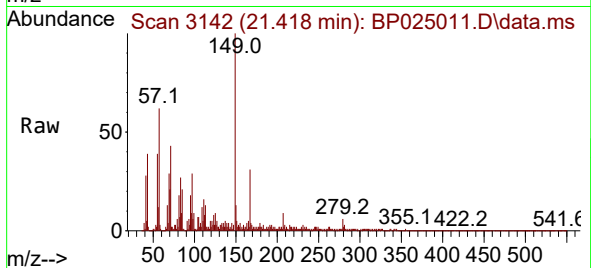




#84
Bis(2-ethylhexyl)phthalate
Concen: 25.414 ng
RT: 21.418 min Scan# 3140
Delta R.T. 0.012 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Instrument :
BNA_P
ClientSampleId :
3321

Tgt Ion:149 Resp: 1854818
Ion Ratio Lower Upper
149 100
167 30.9 22.2 33.4
279 6.2 4.0 6.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.789 min Scan# 3715
Delta R.T. 0.070 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:264 Resp: 2092183
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 22.2 17.4 26.0

