

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025140.D
 Acq On : 15 Jul 2025 10:58
 Operator : CG/JU
 Sample : PB168787BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168787BS

Quant Time: Jul 15 11:55:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	578947	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2205741	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1344565	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2600633	20.000	ng	-0.01
76) Chrysene-d12	21.348	240	2649430	20.000	ng	0.00
86) Perylene-d12	24.471	264	2985173	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4616973	141.301	ng	0.01
7) Phenol-d6	6.643	99	5015815	117.632	ng	0.01
23) Nitrobenzene-d5	8.572	82	3014318	90.884	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2360358	148.602	ng	-0.01
45) 2-Fluorobiphenyl	12.689	172	7592628	87.480	ng	0.00
79) Terphenyl-d14	19.671	244	11546522	95.782	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.125	88	513144	40.387	ng	99
3) Pyridine	3.490	79	1471902	42.314	ng	98
4) n-Nitrosodimethylamine	3.408	42	670765	45.542	ng	91
6) Aniline	6.784	93	1794184	45.035	ng	99
8) 2-Chlorophenol	7.013	128	1724893	47.182	ng	99
9) Benzaldehyde	6.596	77	1009931	45.352	ng	97
10) Phenol	6.666	94	1944799	44.888	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1443733	43.298	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1869457	45.691	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1895611	45.760	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1815429	45.557	ng	99
15) Benzyl Alcohol	7.672	79	1312465	46.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1806415	41.665	ng	98
17) 2-Methylphenol	7.884	107	1320223	47.305	ng	99
18) Hexachloroethane	8.496	117	660299	48.929	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1056663	41.786	ng	97
20) 3+4-Methylphenols	8.207	107	1787025	45.714	ng	99
22) Acetophenone	8.249	105	2262936	43.380	ng	98
24) Nitrobenzene	8.613	77	1579610	46.758	ng	95
25) Isophorone	9.131	82	2967267	47.873	ng	99
26) 2-Nitrophenol	9.313	139	886062	53.633	ng	99
27) 2,4-Dimethylphenol	9.384	122	1524268	65.925	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1881129	44.698	ng	99
29) 2,4-Dichlorophenol	9.837	162	1571601	49.020	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1678478	47.277	ng	97
31) Naphthalene	10.237	128	4967059	43.732	ng	100
32) Benzoic acid	9.531	122	1154131	49.712	ng	98
33) 4-Chloroaniline	10.343	127	1159532	27.356	ng	99
34) Hexachlorobutadiene	10.531	225	1015833	49.859	ng	99
35) Caprolactam	11.125	113	485189m	44.238	ng	
36) 4-Chloro-3-methylphenol	11.484	107	1544733	46.107	ng	100
37) 2-Methylnaphthalene	11.860	142	3133351	39.099	ng	100
38) 1-Methylnaphthalene	12.090	142	3257312	41.677	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1820826	47.120	ng	99
41) Hexachlorocyclopentadiene	12.231	237	2423523	240.105	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	1252788	53.541	ng	100

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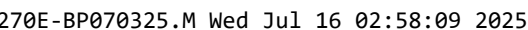
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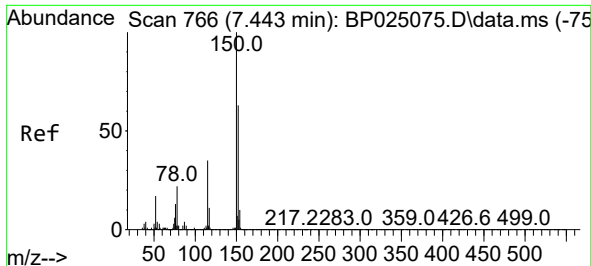
Quant Time: Jul 15 11:55:13 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1379402	52.018	ng	98
46) 1,1'-Biphenyl	12.901	154	4432784	45.312	ng	100
47) 2-Chloronaphthalene	12.937	162	3446635	46.874	ng	99
48) 2-Nitroaniline	13.142	65	889225	49.290	ng	95
49) Acenaphthylene	13.795	152	5677000	50.445	ng	100
50) Dimethylphthalate	13.554	163	4274143	45.412	ng	99
51) 2,6-Dinitrotoluene	13.660	165	952950	51.914	ng	92
52) Acenaphthene	14.148	154	3196819	44.073	ng	99
53) 3-Nitroaniline	13.989	138	663658	33.736	ng	100
54) 2,4-Dinitrophenol	14.201	184	1110577	120.847	ng	95
55) Dibenzofuran	14.489	168	5124164	42.806	ng	99
56) 4-Nitrophenol	14.325	139	1823520	100.446	ng	94
57) 2,4-Dinitrotoluene	14.454	165	1345947	49.853	ng	92
58) Fluorene	15.160	166	4089317	44.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1210477	50.408	ng	97
60) Diethylphthalate	14.960	149	4304454	45.534	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	2046693	44.667	ng	99
62) 4-Nitroaniline	15.178	138	1014937	49.203	ng	98
63) Azobenzene	15.466	77	3516056	41.769	ng	95
65) 4,6-Dinitro-2-methylph...	15.242	198	728904	60.012	ng	98
66) n-Nitrosodiphenylamine	15.389	169	3676393	49.396	ng	100
67) 4-Bromophenyl-phenylether	16.083	248	1373072	51.565	ng	97
68) Hexachlorobenzene	16.195	284	1621227	49.813	ng	98
69) Atrazine	16.383	200	1367167	62.687	ng	98
70) Pentachlorophenol	16.542	266	2249506	102.342	ng	99
71) Phenanthrene	16.942	178	6502117	46.790	ng	99
72) Anthracene	17.042	178	6587542	49.413	ng	100
73) Carbazole	17.319	167	6276914	48.154	ng	100
74) Di-n-butylphthalate	17.954	149	7509386	51.733	ng	99
75) Fluoranthene	19.054	202	7600190	46.789	ng	99
77) Benzidine	19.254	184	3443348	73.587	ng	97
78) Pyrene	19.430	202	7883795	48.043	ng	100
80) Butylbenzylphthalate	20.424	149	3454852	54.134	ng	99
81) Benzo(a)anthracene	21.324	228	7841380	48.838	ng	99
82) 3,3'-Dichlorobenzidine	21.254	252	2025908	41.914	ng	100
83) Chrysene	21.389	228	7214825	46.694	ng	100
84) Bis(2-ethylhexyl)phtha...	21.318	149	4929216	57.235	ng	99
85) Di-n-octyl phthalate	22.530	149	8420149	52.644	ng	98
87) Indeno(1,2,3-cd)pyrene	28.012	276	10133048	53.284	ng	# 93
88) Benzo(b)fluoranthene	23.483	252	7993085	46.003	ng	100
89) Benzo(k)fluoranthene	23.554	252	8142182	47.097	ng	99
90) Benzo(a)pyrene	24.324	252	7808984	52.806	ng	100
91) Dibenzo(a,h)anthracene	28.083	278	8279761	52.671	ng	98
92) Benzo(g,h,i)perylene	29.100	276	8188896	50.428	ng	99

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

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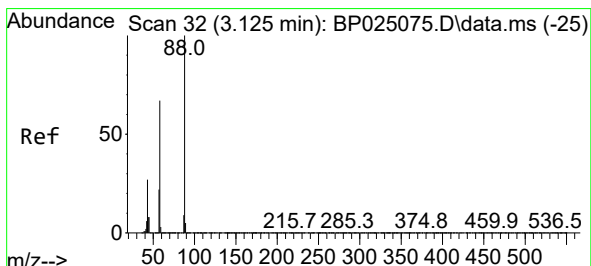
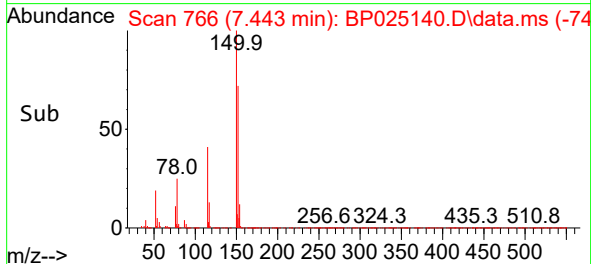
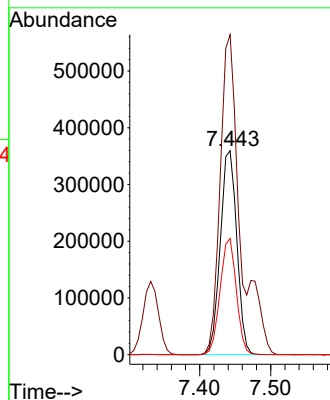
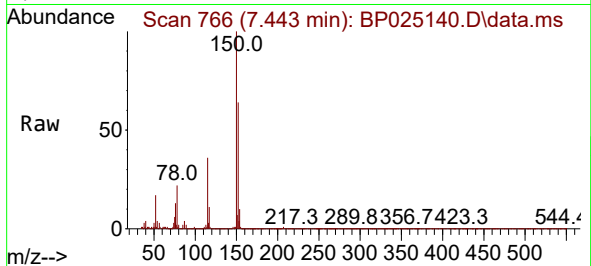




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

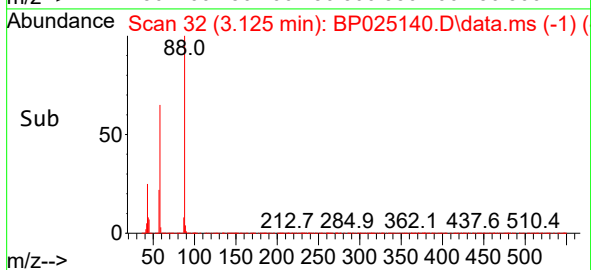
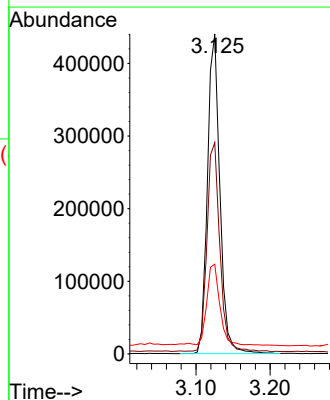
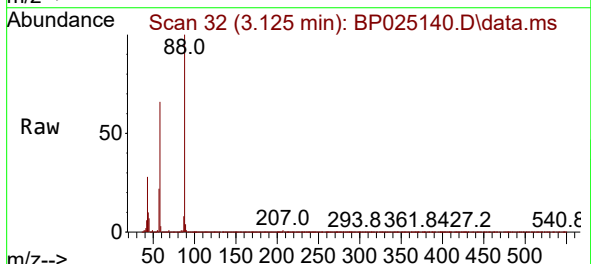
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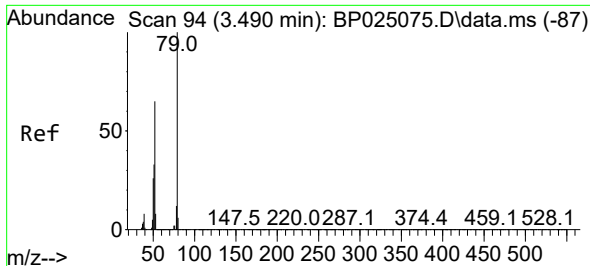
Tgt Ion:152 Resp: 578947
Ion Ratio Lower Upper
152 100
150 156.8 126.1 189.1
115 56.9 44.3 66.5



#2
1,4-Dioxane
Concen: 40.387 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 88 Resp: 513144
Ion Ratio Lower Upper
88 100
58 67.7 55.0 82.4
43 27.3 21.9 32.9

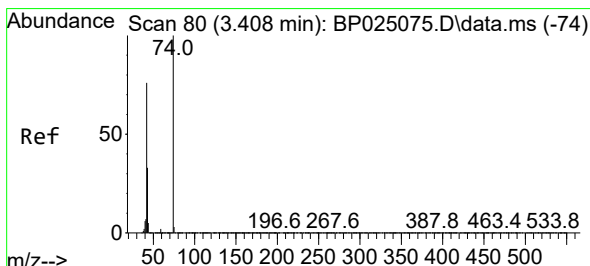
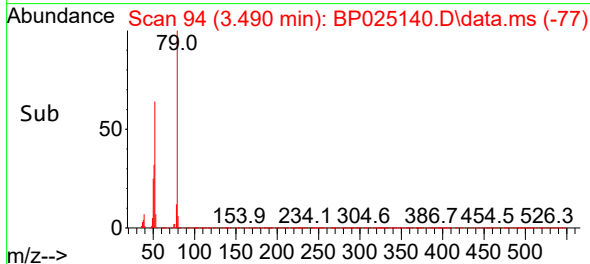
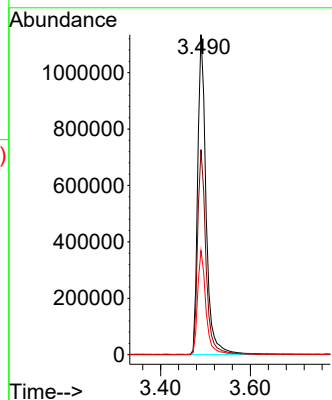
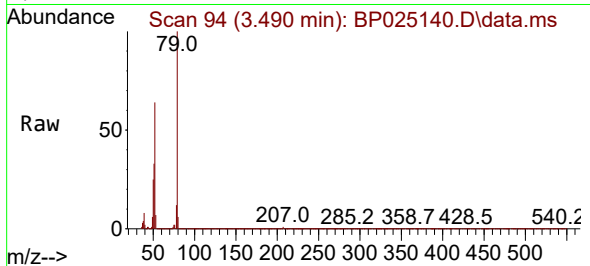




#3
Pyridine
Concen: 42.314 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

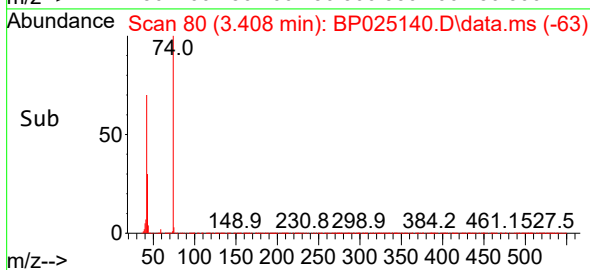
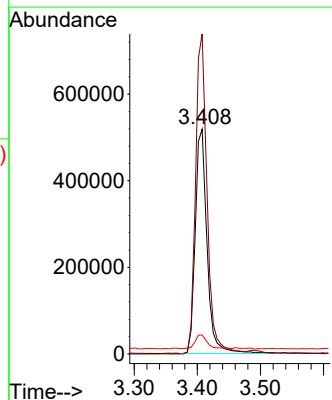
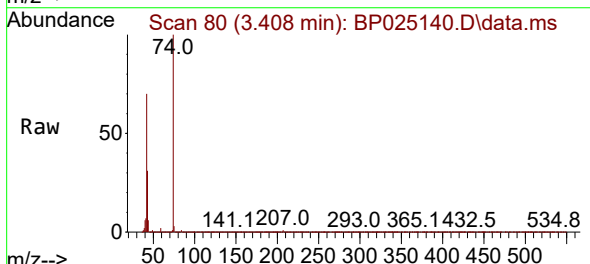
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BNA_P
ClientSampleId :
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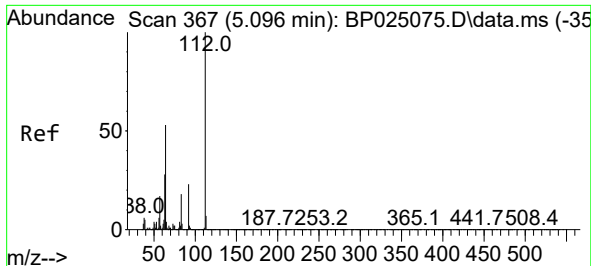
Tgt Ion: 79 Resp: 1471902
Ion Ratio Lower Upper
79 100
52 64.1 52.2 78.4
51 32.6 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 45.542 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 42 Resp: 670765
Ion Ratio Lower Upper
42 100
74 142.4 105.2 157.8
44 8.4 6.6 9.8

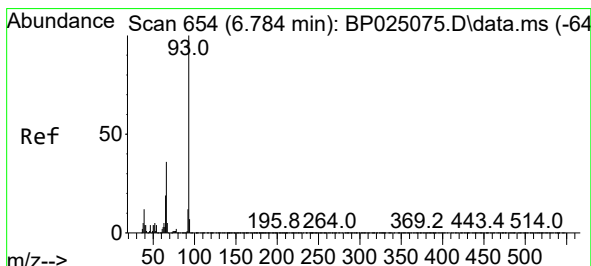
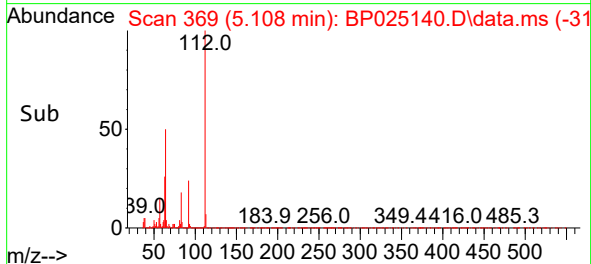
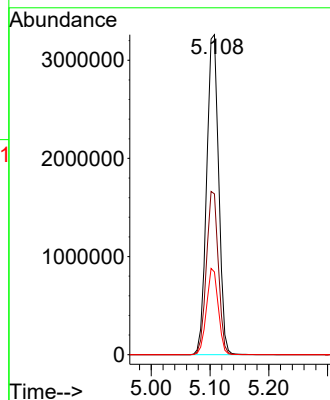
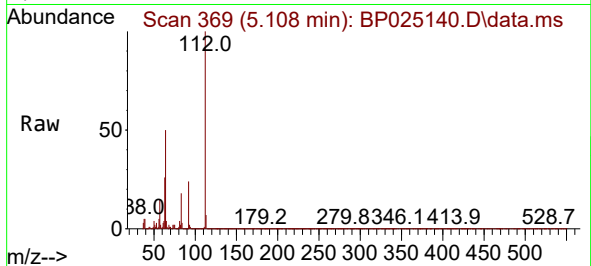




#5
2-Fluorophenol
Concen: 141.301 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

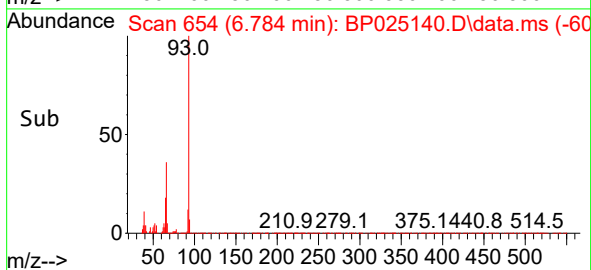
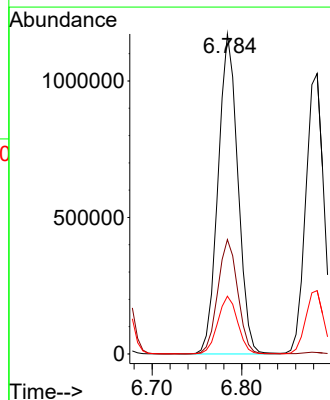
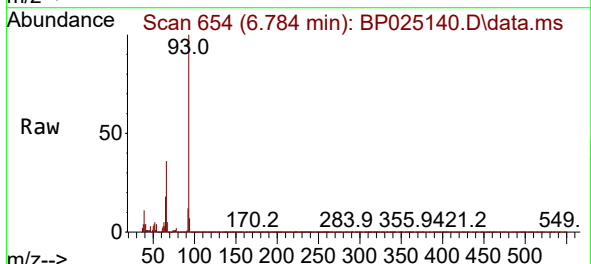
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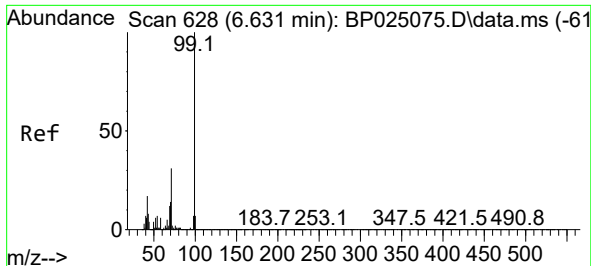
Tgt Ion:112 Resp: 4616973
Ion Ratio Lower Upper
112 100
64 50.2 42.0 63.0
63 25.8 22.2 33.2



#6
Aniline
Concen: 45.035 ng
RT: 6.784 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 93 Resp: 1794184
Ion Ratio Lower Upper
93 100
66 35.8 28.9 43.3
65 18.0 15.2 22.8

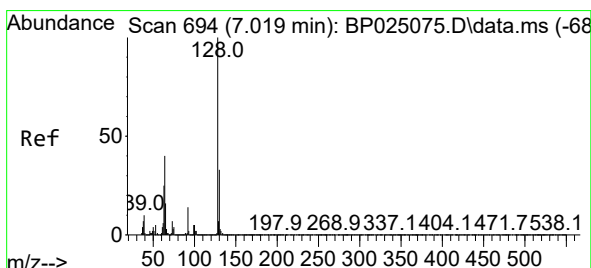
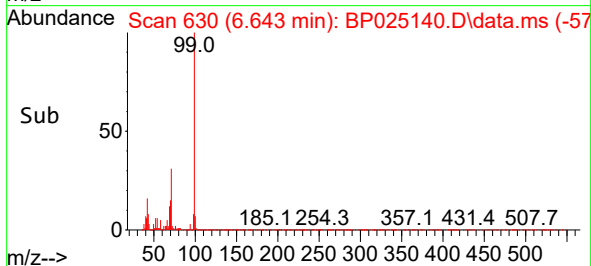
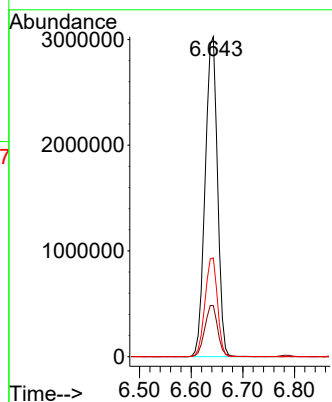
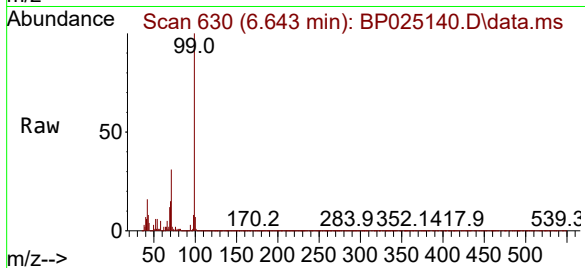




#7
Phenol-d6
Concen: 117.632 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

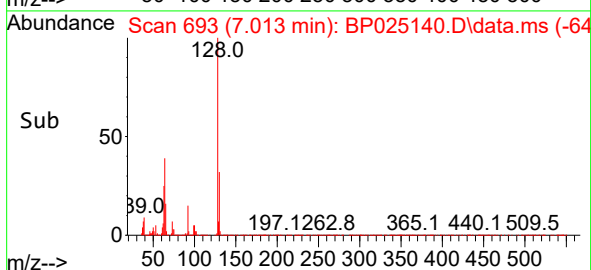
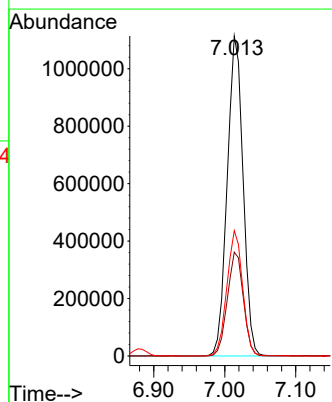
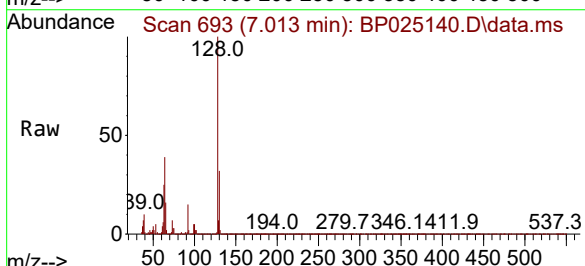
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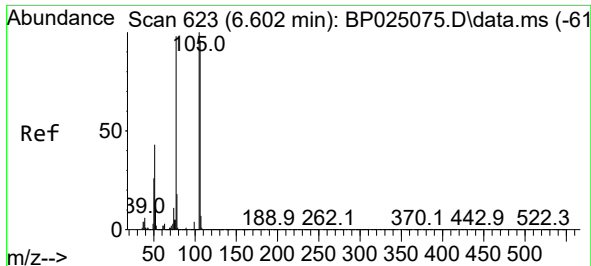
Tgt Ion: 99 Resp: 5015815
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 30.9 24.4 36.6



#8
2-Chlorophenol
Concen: 47.182 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 128 Resp: 1724893
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 39.1 20.3 60.3

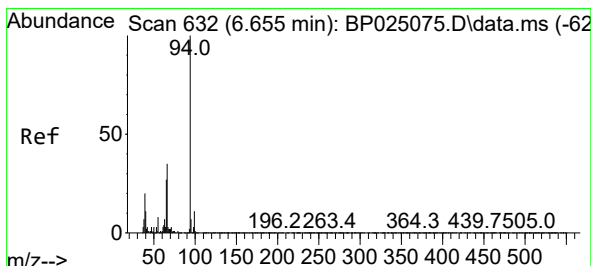
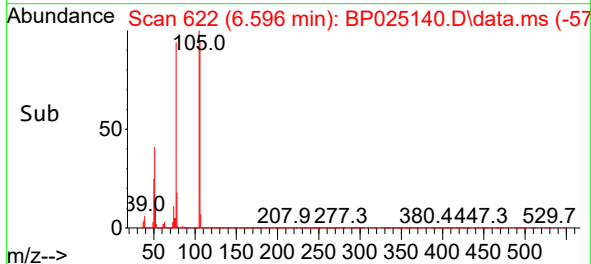
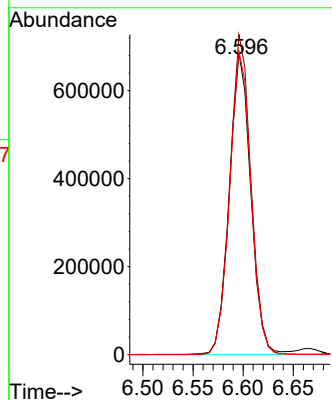
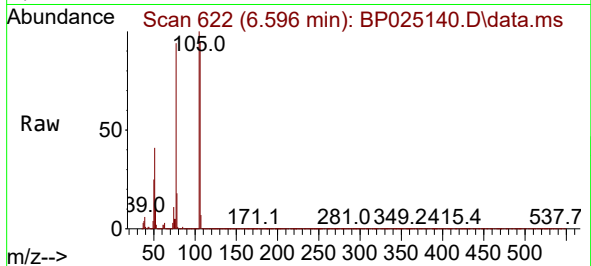




#9
Benzaldehyde
Concen: 45.352 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

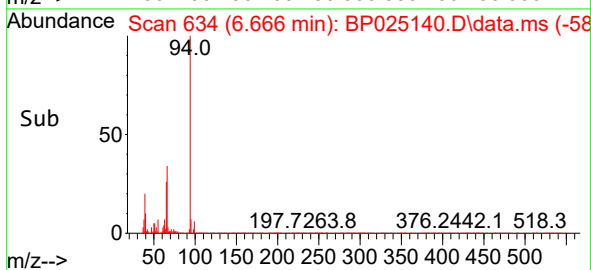
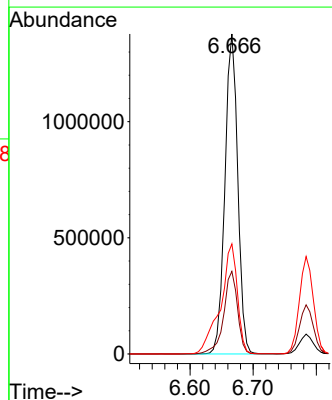
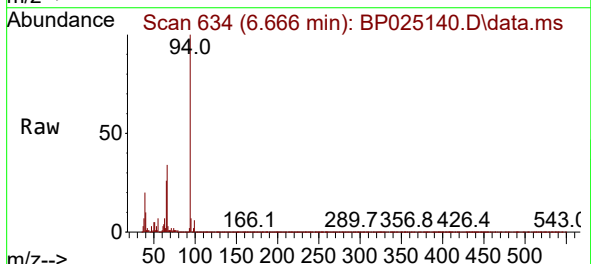
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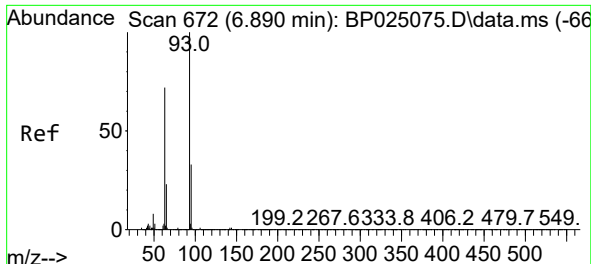
Tgt Ion: 77 Resp: 1009931
Ion Ratio Lower Upper
77 100
105 106.0 82.4 122.4
106 100.4 78.3 118.3



#10
Phenol
Concen: 44.888 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 94 Resp: 1944799
Ion Ratio Lower Upper
94 100
65 25.8 6.9 46.9
66 34.4 14.6 54.6





#11

bis(2-Chloroethyl)ether

Concen: 43.298 ng

RT: 6.884 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

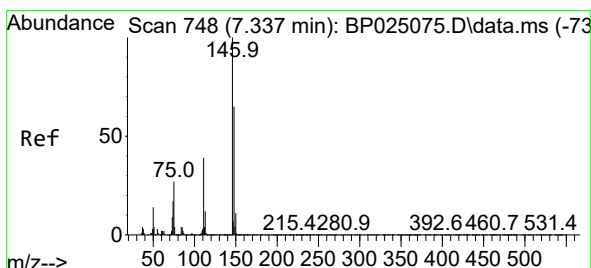
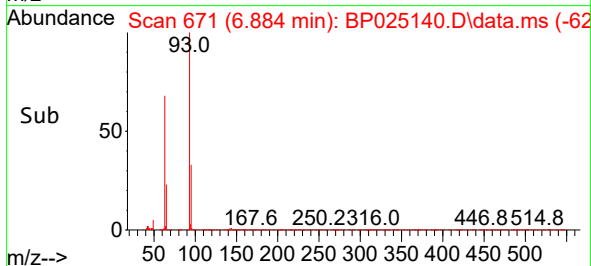
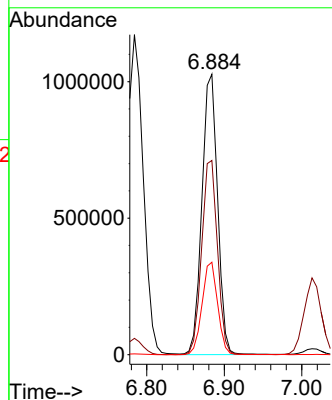
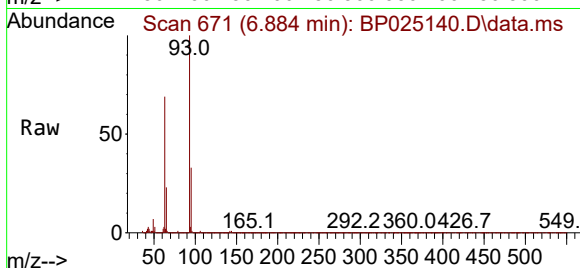
Tgt Ion: 93 Resp: 1443733

Ion Ratio Lower Upper

93 100

63 69.3 51.9 91.9

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.691 ng

RT: 7.331 min Scan# 747

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

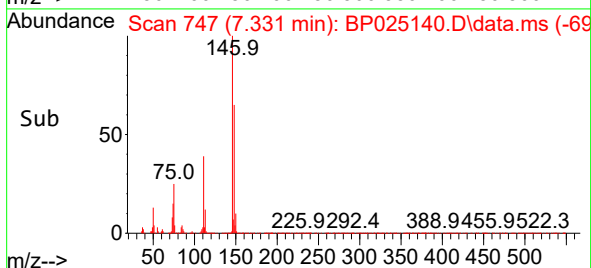
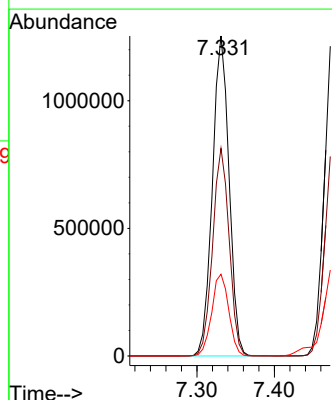
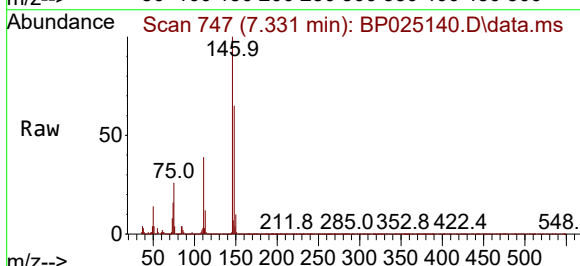
Tgt Ion:146 Resp: 1869457

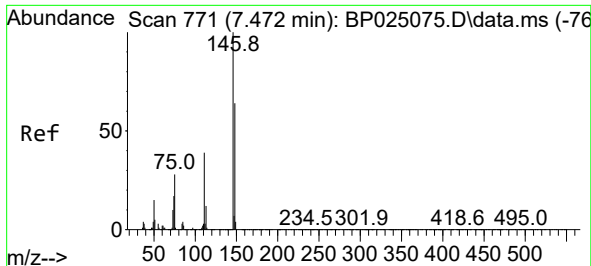
Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

75 25.5 21.8 32.6

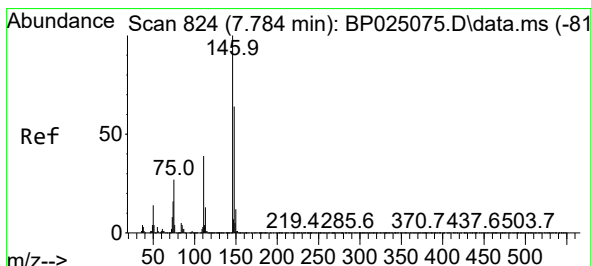
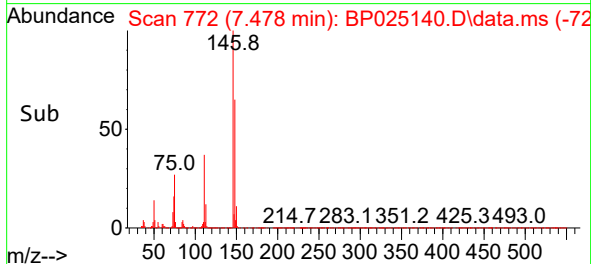
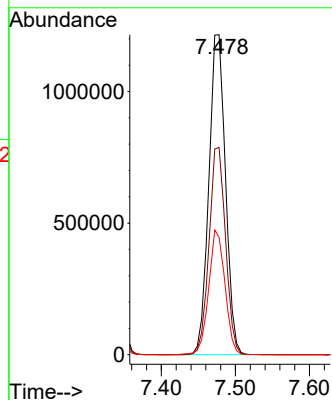
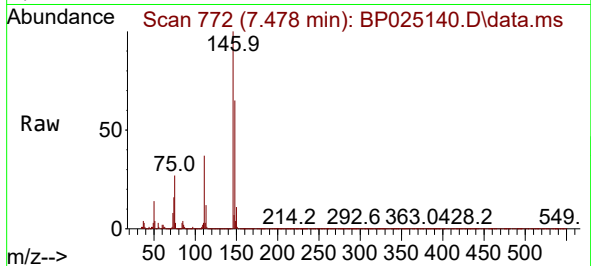




#13
1,4-Dichlorobenzene
Concen: 45.760 ng
RT: 7.478 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

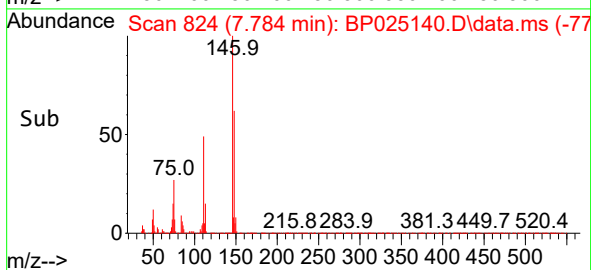
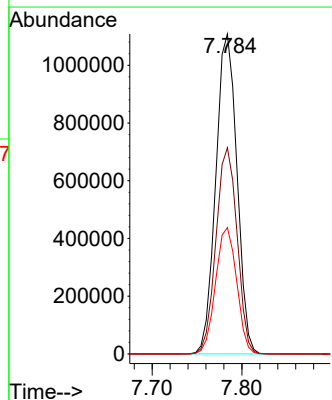
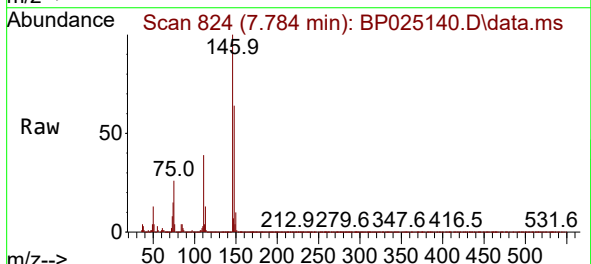
Instrument :
BNA_P
ClientSampleId :
PB168787BS

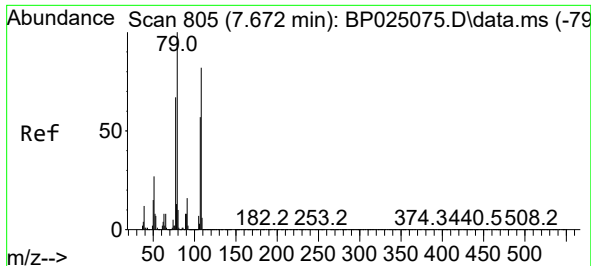
Tgt Ion:146 Resp: 1895611
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
111 36.7 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 45.557 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:146 Resp: 1815429
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 39.5 31.2 46.8

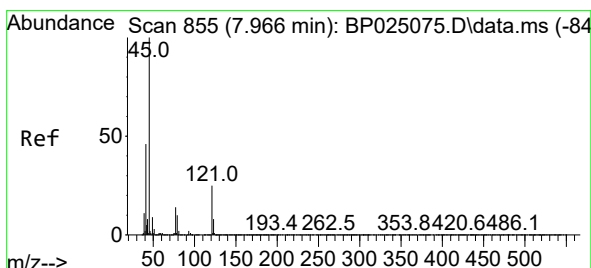
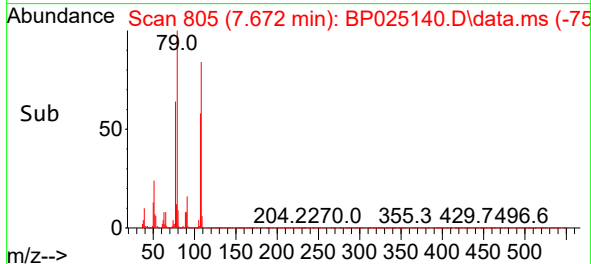
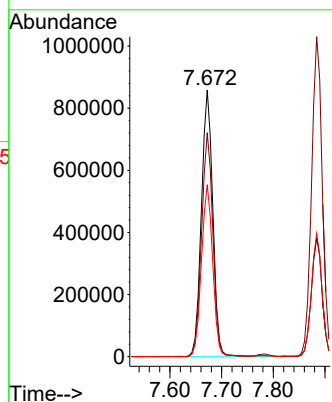
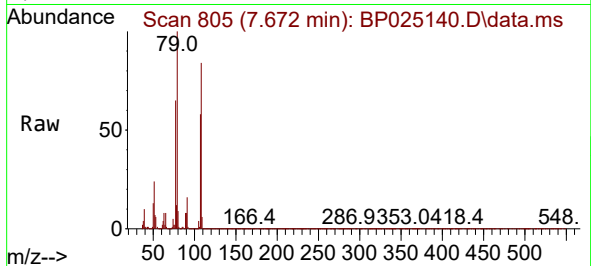




#15
Benzyl Alcohol
Concen: 46.117 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

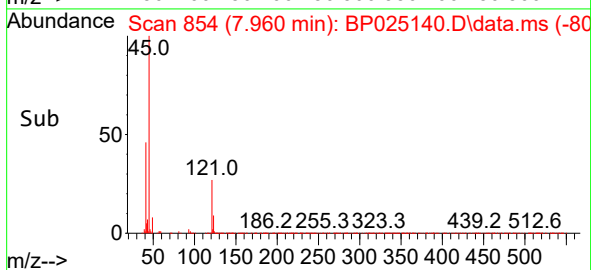
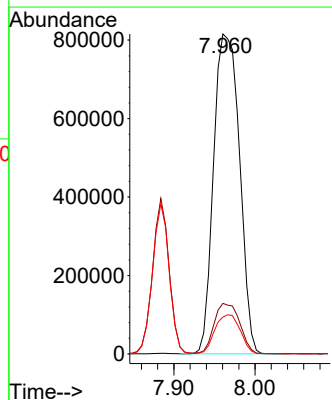
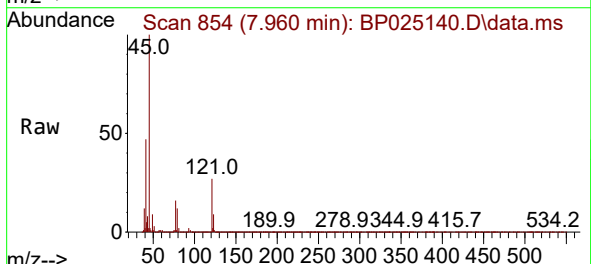
Instrument :
BNA_P
ClientSampleId :
PB168787BS

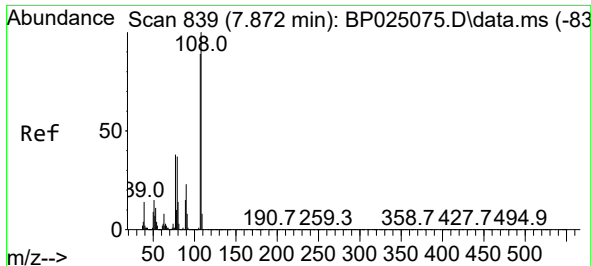
Tgt Ion: 79 Resp: 1312465
Ion Ratio Lower Upper
79 100
108 84.0 66.0 99.0
77 64.5 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.665 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

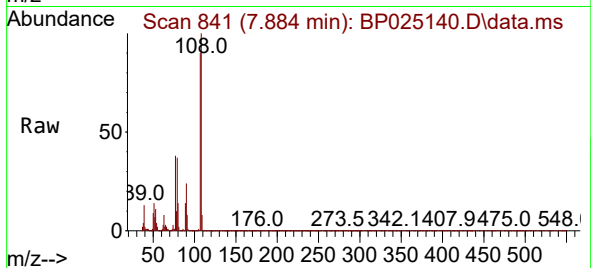
Tgt Ion: 45 Resp: 1806415
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.8
79 11.5 0.0 30.7





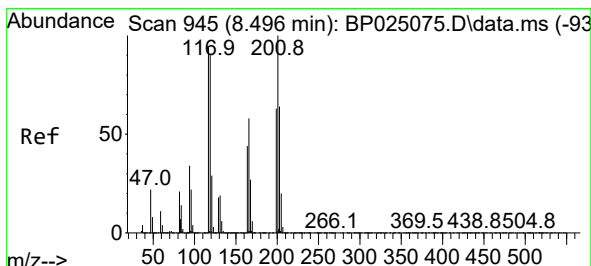
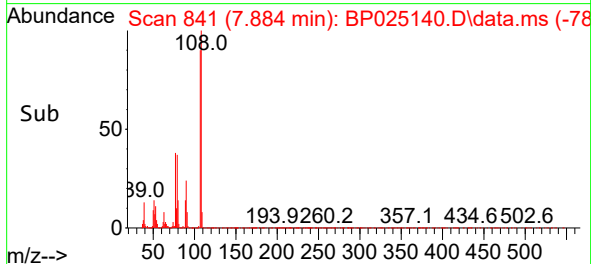
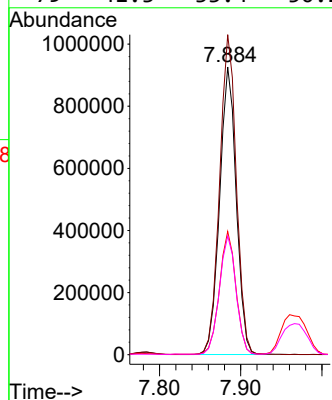
#17
2-Methylphenol
Concen: 47.305 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS



Tgt Ion:107 Resp: 1320223

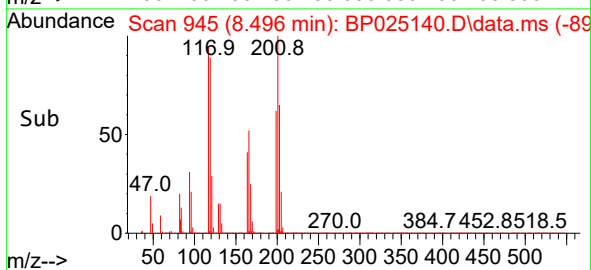
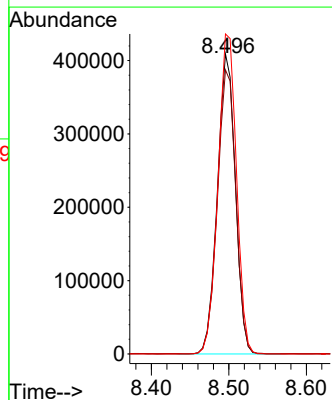
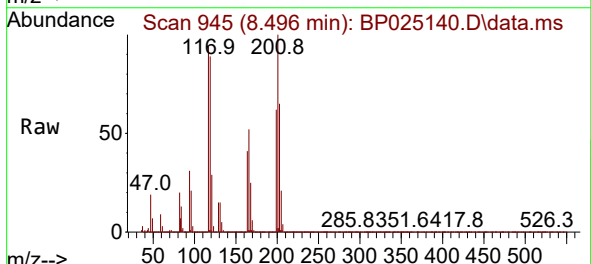
Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	42.8	34.2	51.4
79	41.3	33.4	50.2

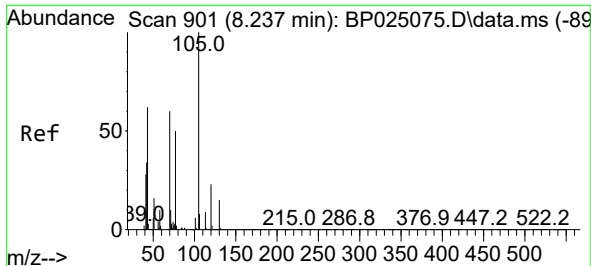


#18
Hexachloroethane
Concen: 48.929 ng
RT: 8.496 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:117 Resp: 660299

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
201	106.7	85.4	128.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.786 ng

RT: 8.243 min Scan# 901

Delta R.T. 0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

Tgt Ion: 70 Resp: 1056663

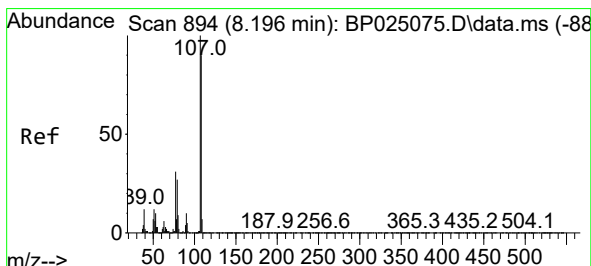
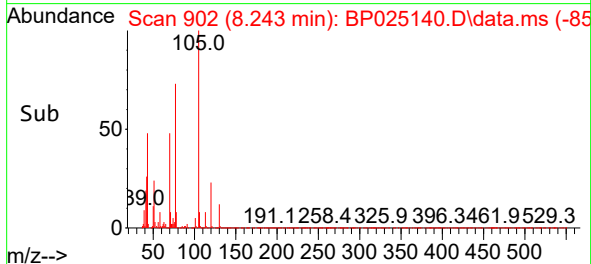
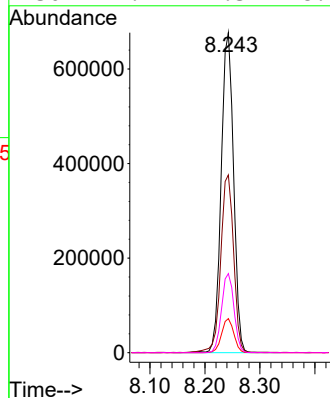
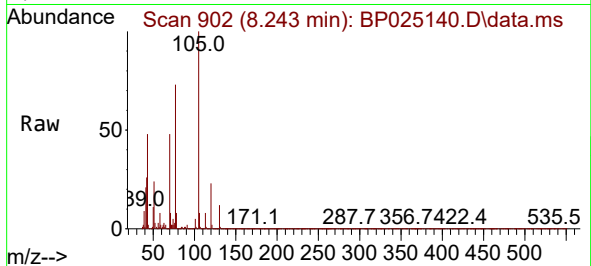
Ion Ratio Lower Upper

70 100

42 55.6 46.5 69.7

101 10.6 7.9 11.9

130 24.7 19.3 28.9



#20

3+4-Methylphenols

Concen: 45.714 ng

RT: 8.207 min Scan# 896

Delta R.T. 0.012 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Tgt Ion:107 Resp: 1787025

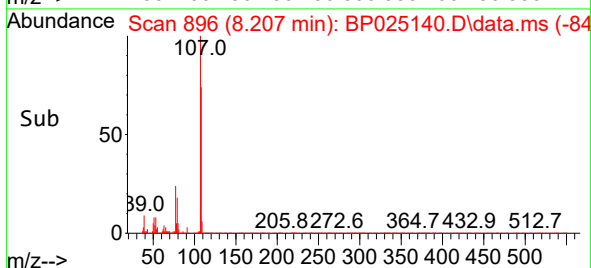
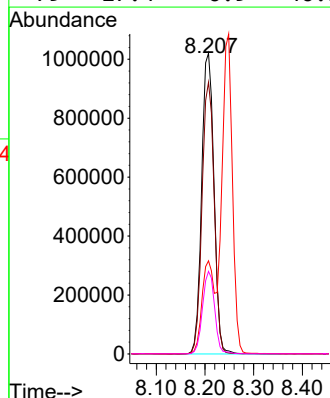
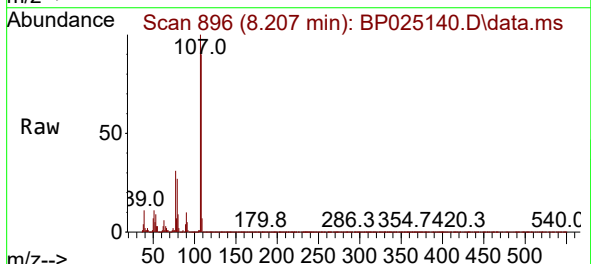
Ion Ratio Lower Upper

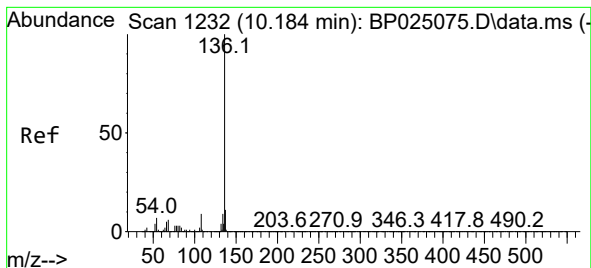
107 100

108 90.3 69.5 109.5

77 30.9 11.4 51.4

79 27.4 6.9 46.9

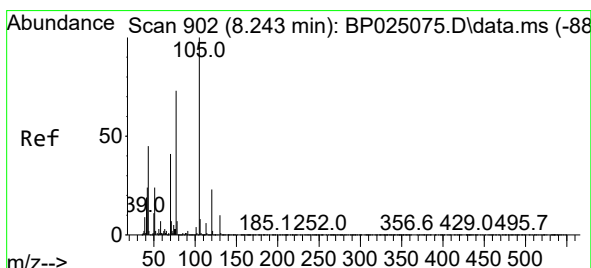
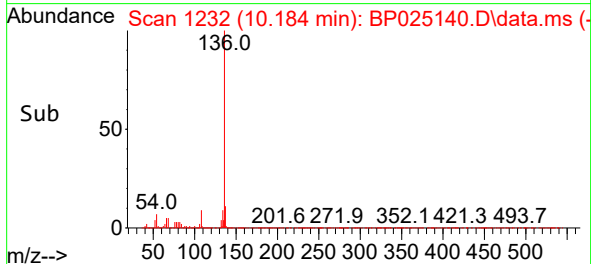
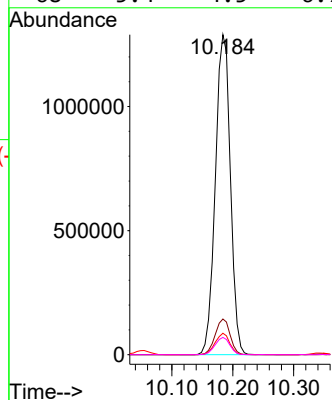
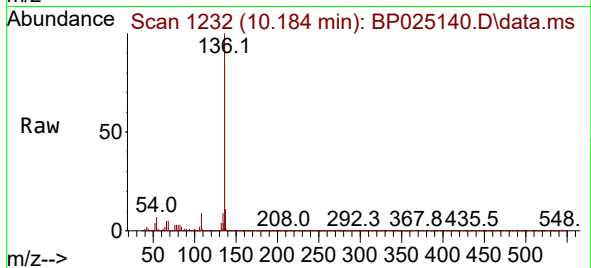




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

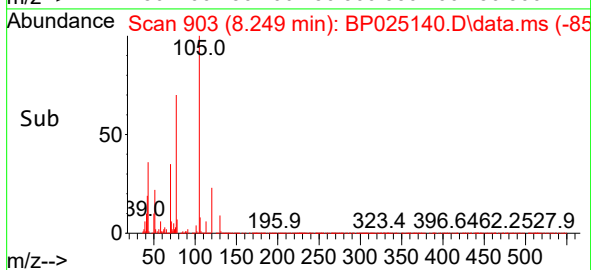
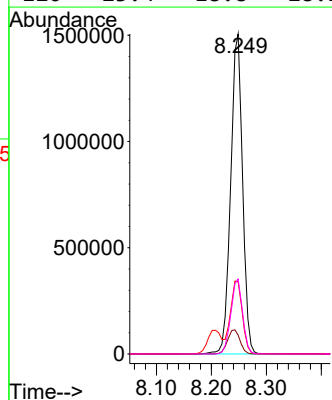
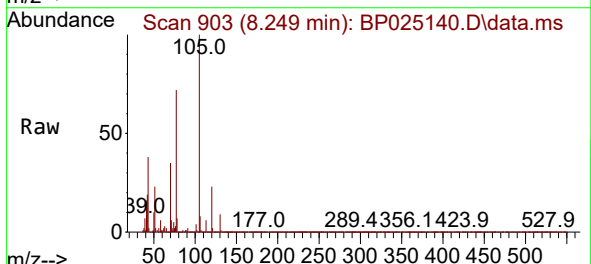
Instrument :
BNA_P
ClientSampleId :
PB168787BS

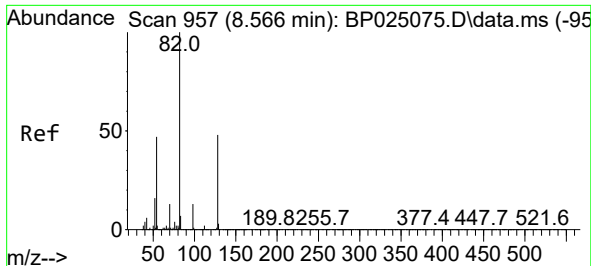
Tgt Ion:136 Resp: 2205741
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.7 5.4 8.2
68 5.4 4.5 6.7



#22
Acetophenone
Concen: 43.380 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:105 Resp: 2262936
Ion Ratio Lower Upper
105 100
71 5.9 5.4 8.2
51 22.6 19.6 29.4
120 23.4 18.8 28.2

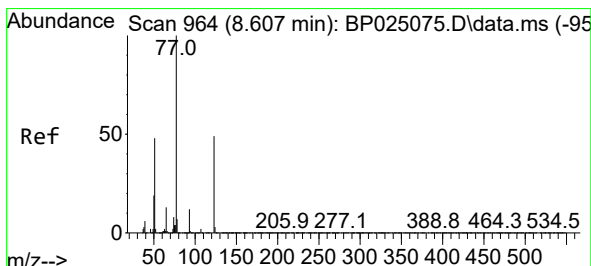
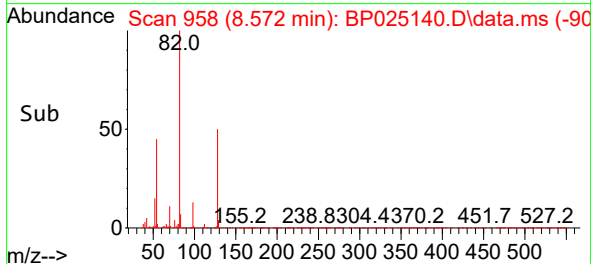
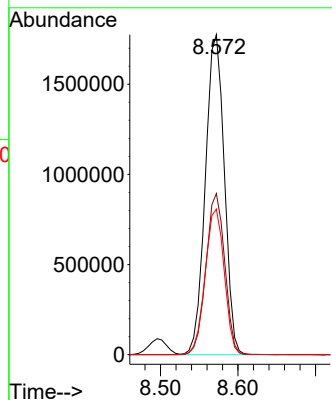
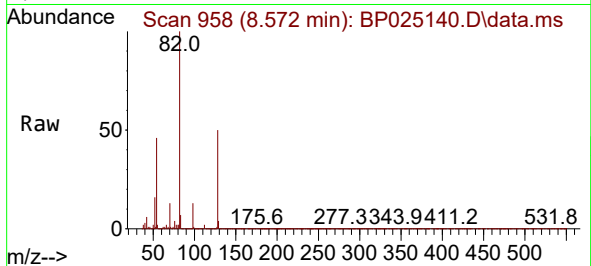




#23
Nitrobenzene-d5
Concen: 90.884 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

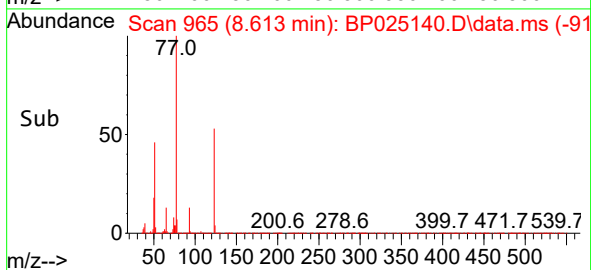
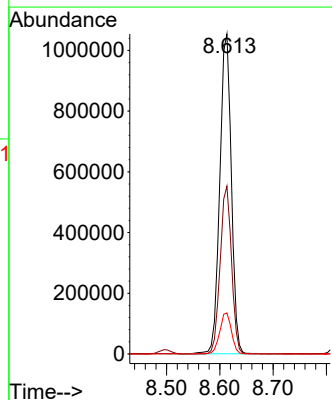
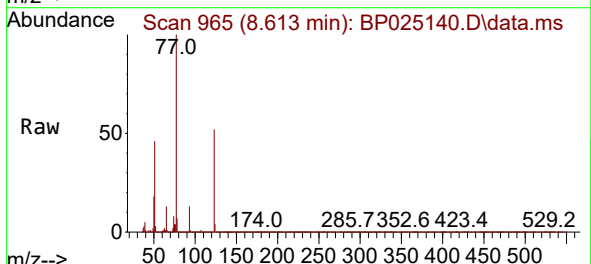
Instrument :
BNA_P
ClientSampleId :
PB168787BS

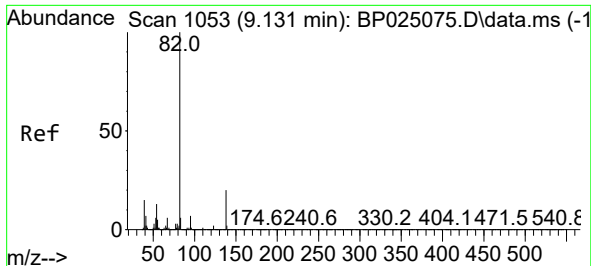
Tgt Ion: 82 Resp: 3014318
Ion Ratio Lower Upper
82 100
128 50.3 38.4 57.6
54 45.5 37.8 56.6



#24
Nitrobenzene
Concen: 46.758 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 77 Resp: 1579610
Ion Ratio Lower Upper
77 100
123 52.5 39.0 58.6
65 12.8 10.7 16.1

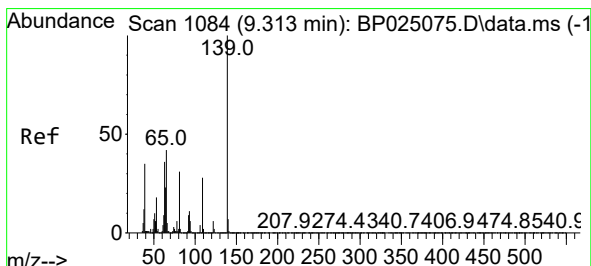
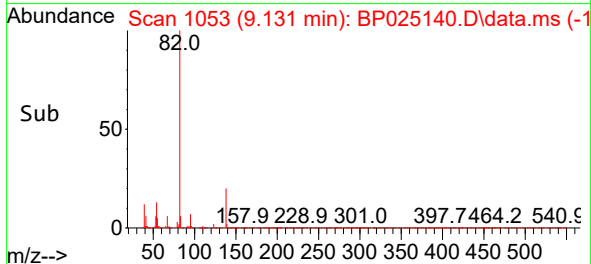
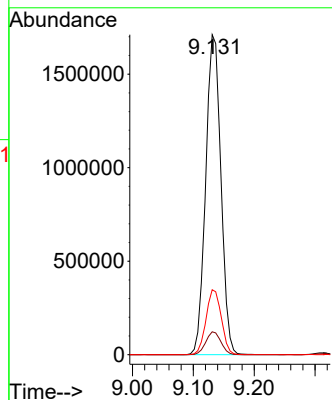
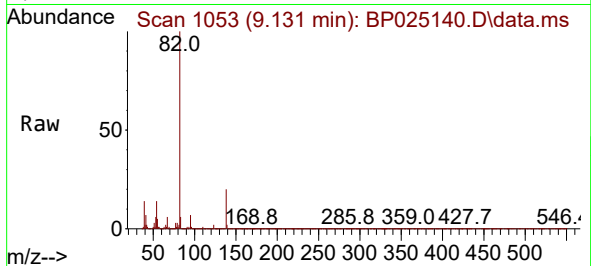




#25
Isophorone
Concen: 47.873 ng
RT: 9.131 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

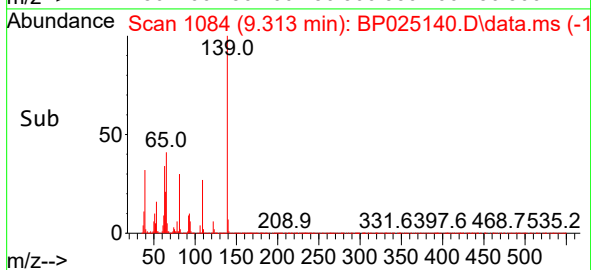
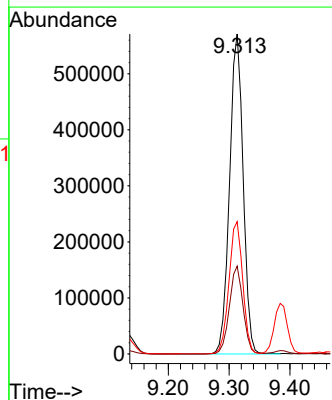
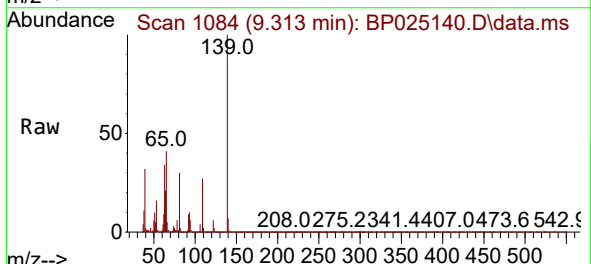
Instrument :
BNA_P
ClientSampleId :
PB168787BS

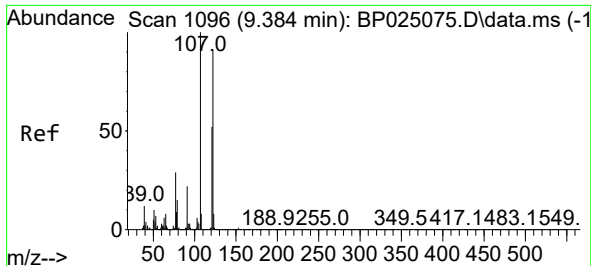
Tgt Ion: 82 Resp: 2967267
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 20.3 15.7 23.5



#26
2-Nitrophenol
Concen: 53.633 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:139 Resp: 886062
Ion Ratio Lower Upper
139 100
109 27.5 22.3 33.5
65 41.3 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 65.925 ng

RT: 9.384 min Scan# 1096

Delta R.T. -0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

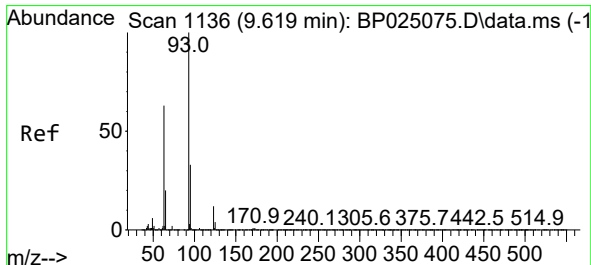
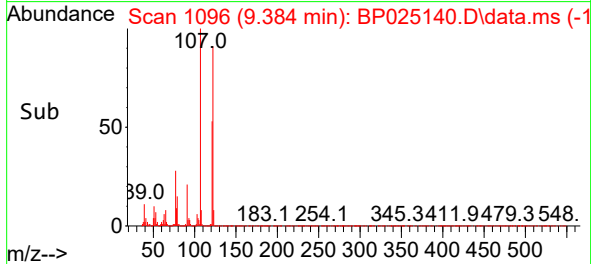
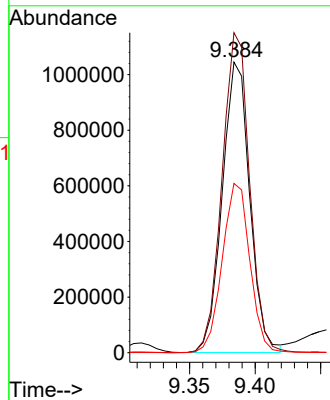
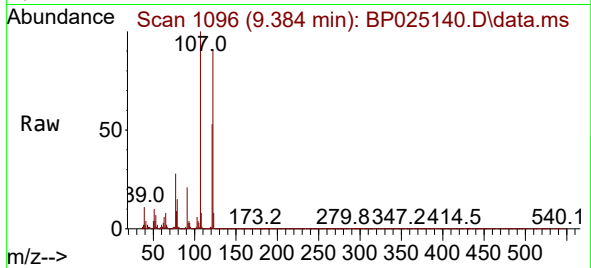
Tgt Ion:122 Resp: 1524268

Ion Ratio Lower Upper

122 100

107 110.1 88.2 132.2

121 58.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.698 ng

RT: 9.619 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

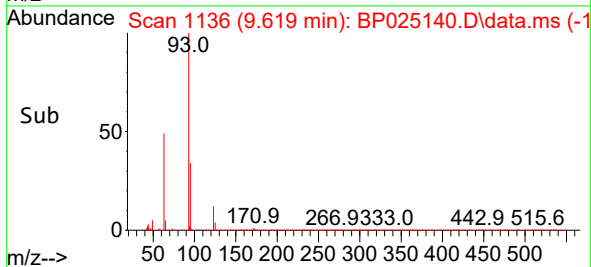
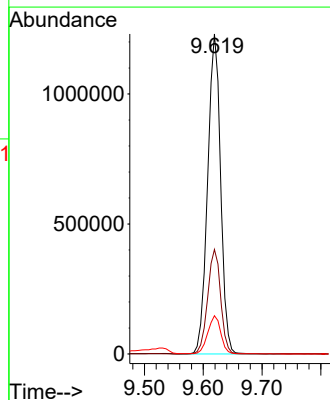
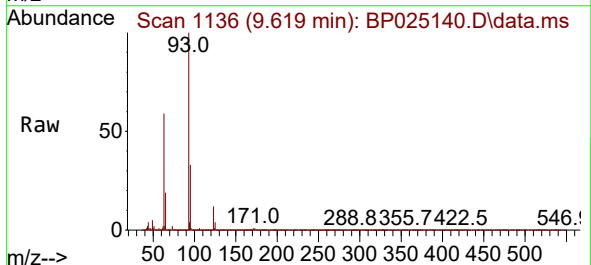
Tgt Ion: 93 Resp: 1881129

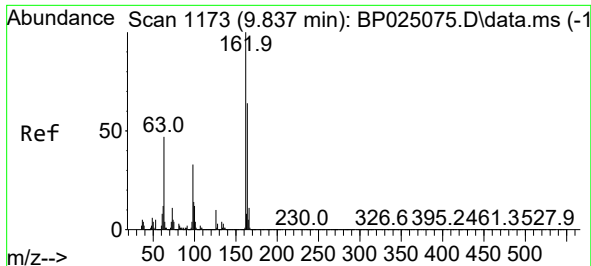
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 49.020 ng

RT: 9.837 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

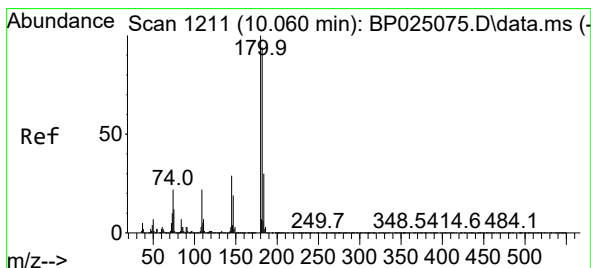
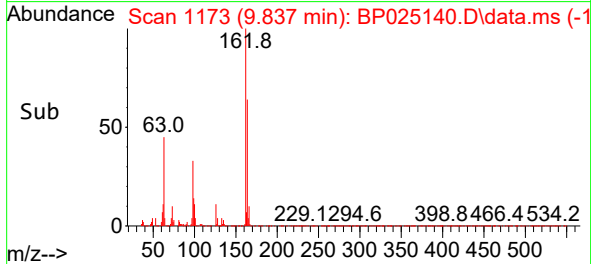
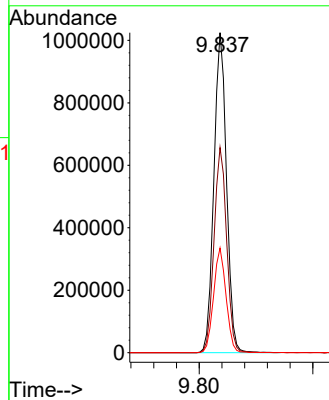
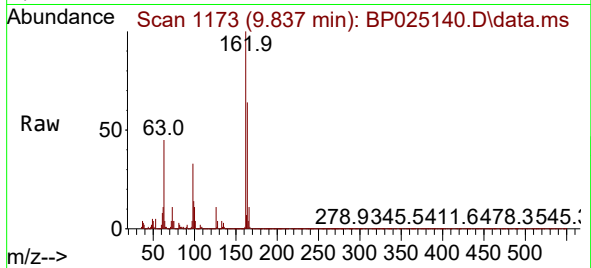
Tgt Ion:162 Resp: 1571601

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

98 32.7 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 47.277 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

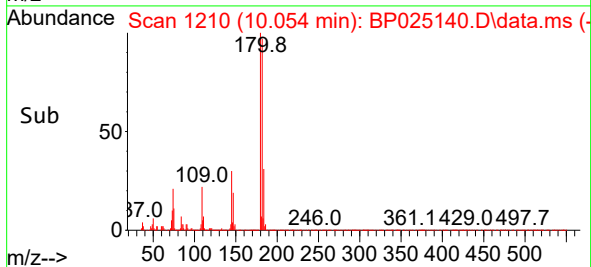
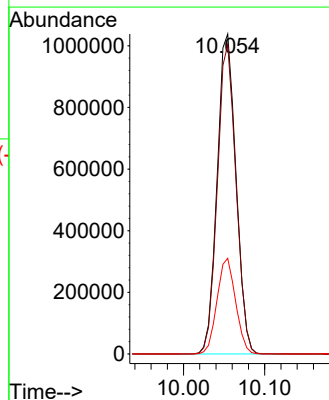
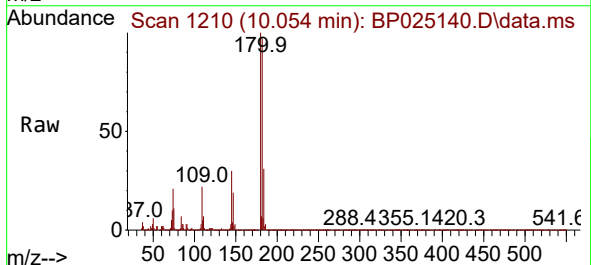
Tgt Ion:180 Resp: 1678478

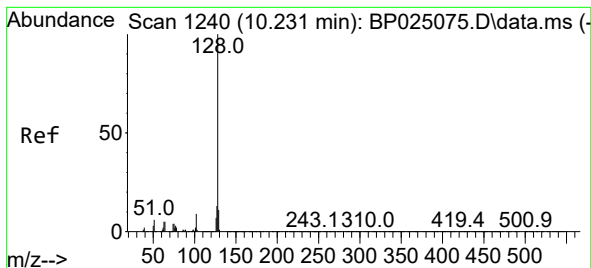
Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

145 29.9 23.3 34.9

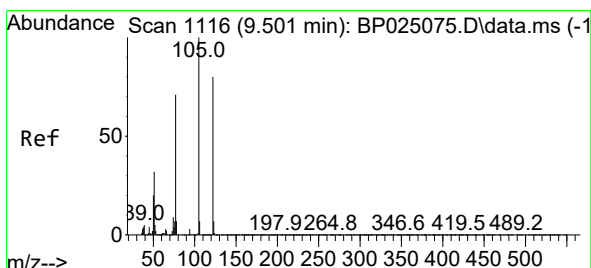
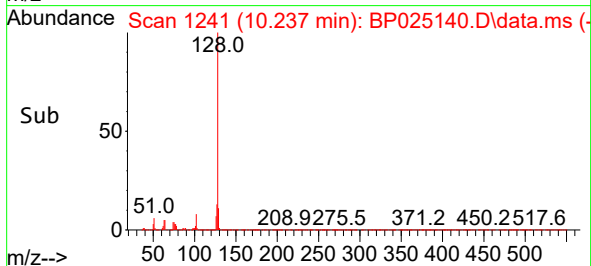
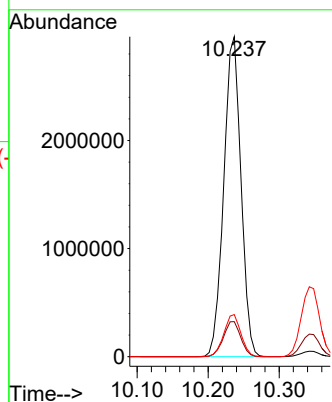
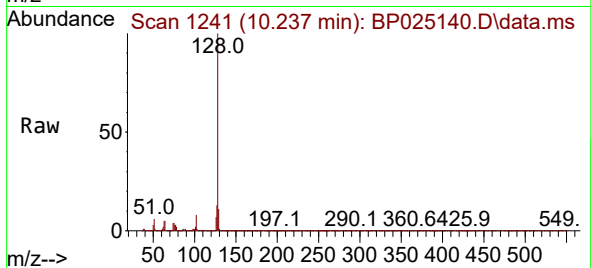




#31
Naphthalene
Concen: 43.732 ng
RT: 10.237 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

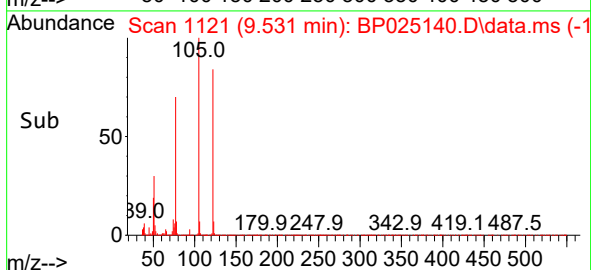
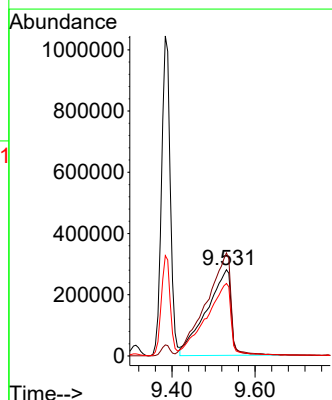
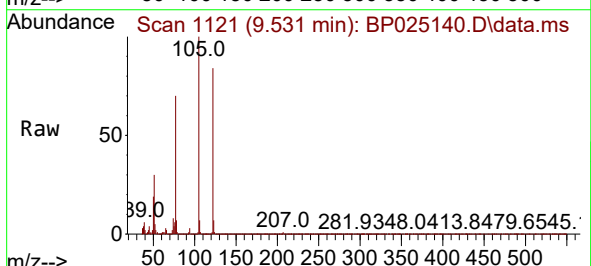
Instrument :
BNA_P
ClientSampleId :
PB168787BS

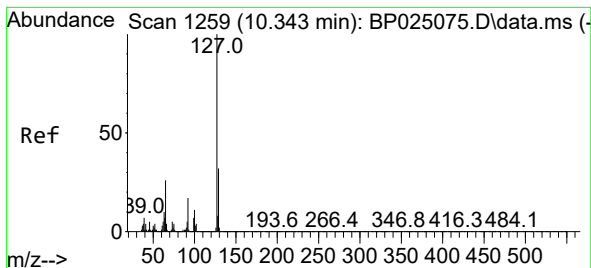
Tgt Ion:128 Resp: 4967059
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 49.712 ng
RT: 9.531 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:122 Resp: 1154131
Ion Ratio Lower Upper
122 100
105 119.5 101.0 141.0
77 84.1 67.6 107.6



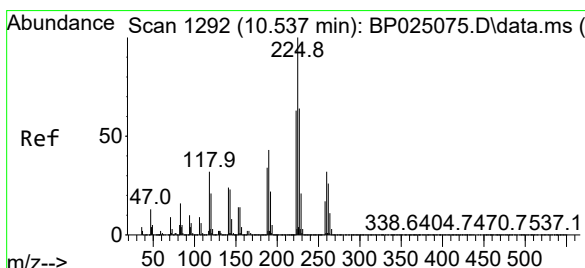
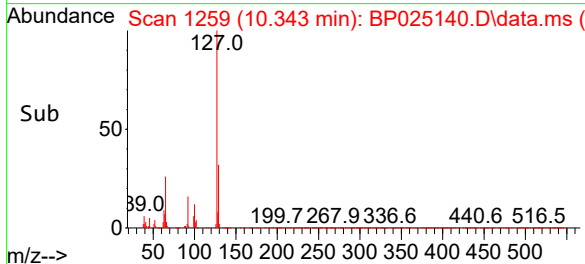
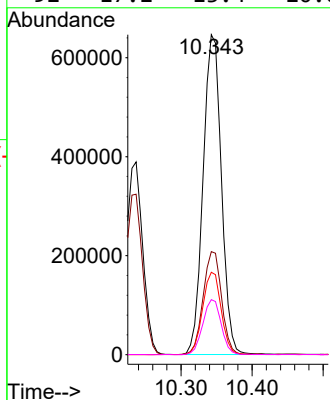
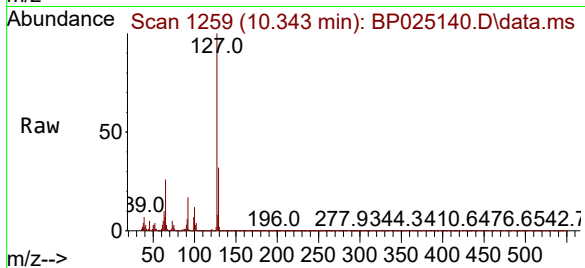


#33
4-Chloroaniline
Concen: 27.356 ng
RT: 10.343 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:127 Resp: 1159532

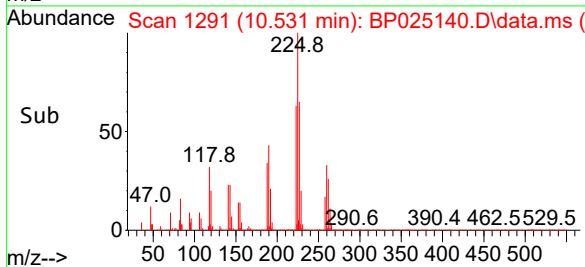
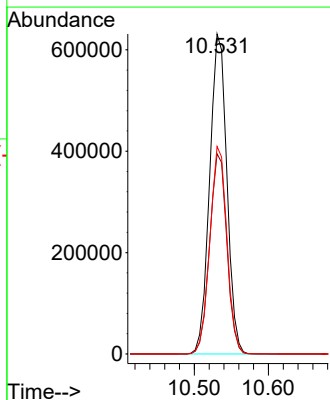
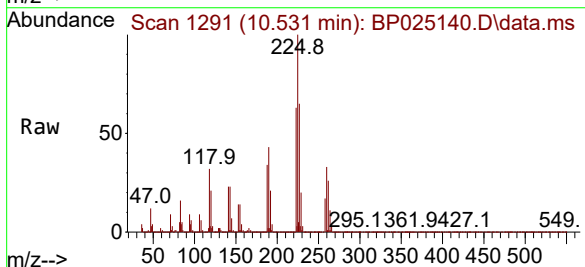
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	25.8	21.0	31.6
92	17.2	13.4	20.0

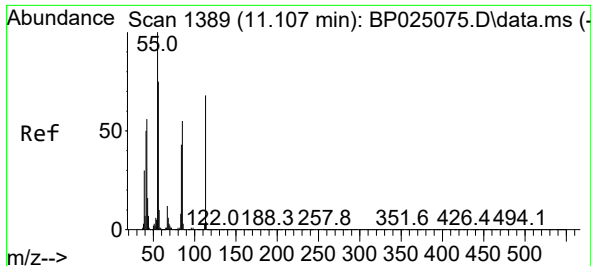


#34
Hexachlorobutadiene
Concen: 49.859 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:225 Resp: 1015833

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	64.9	51.3	76.9

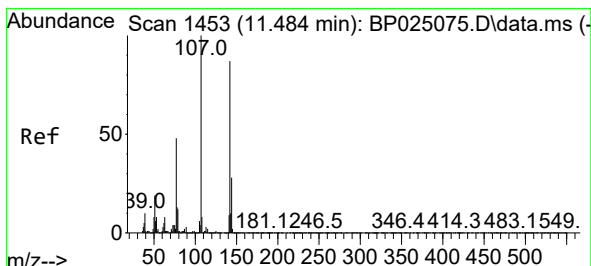
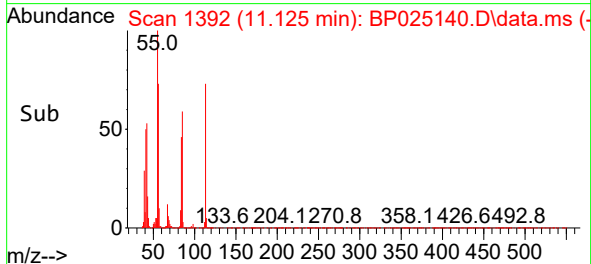
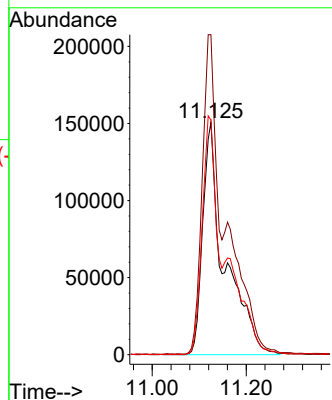
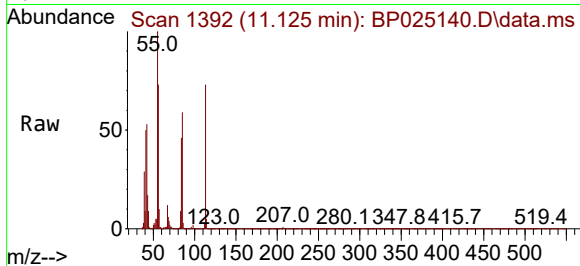




#35
Caprolactam
Concen: 44.238 ng m
RT: 11.125 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

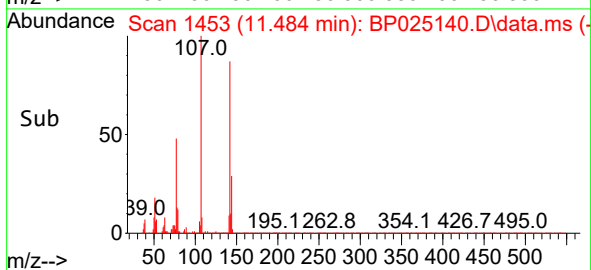
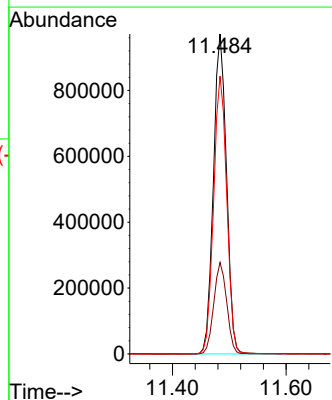
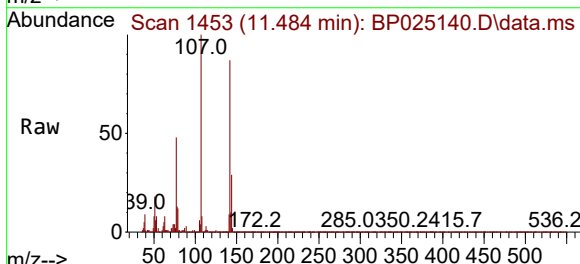
Instrument :
BNA_P
ClientSampleId :
PB168787BS

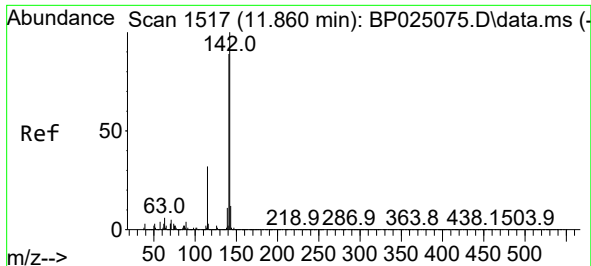
Tgt Ion:113 Resp: 485189
Ion Ratio Lower Upper
113 100
55 137.9 128.1 168.1
56 101.1 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 46.107 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:107 Resp: 1544733
Ion Ratio Lower Upper
107 100
144 28.6 22.4 33.6
142 86.8 69.6 104.4

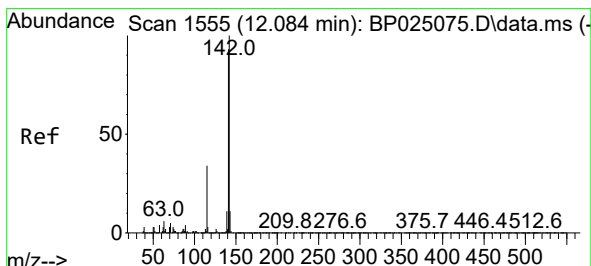
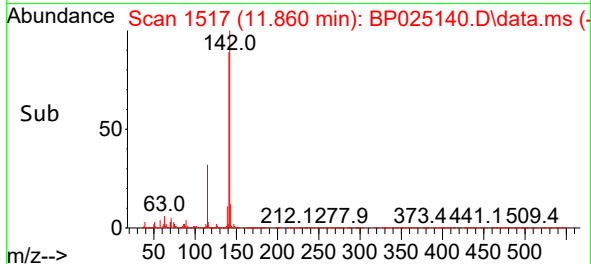
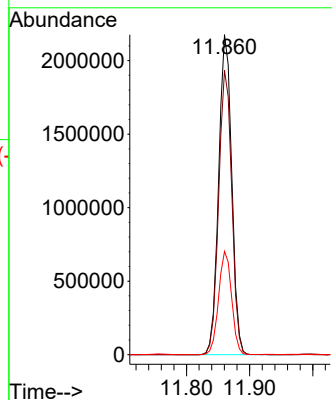
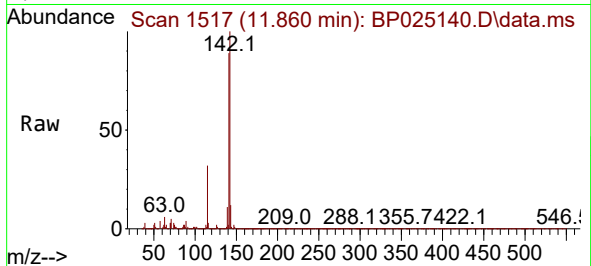




#37
2-Methylnaphthalene
Concen: 39.099 ng
RT: 11.860 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

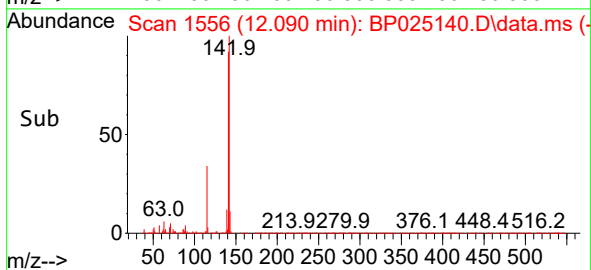
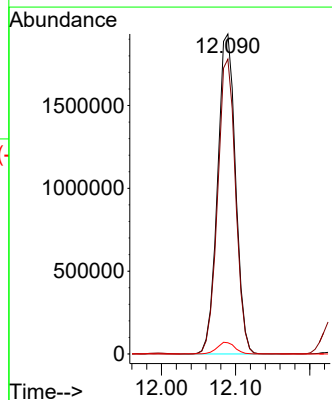
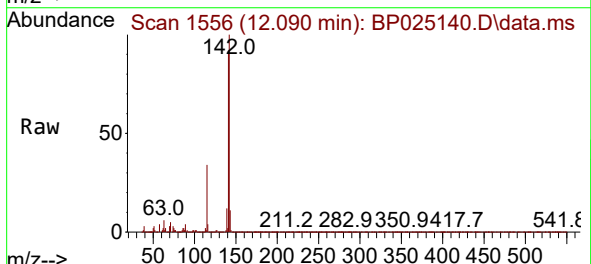
Instrument :
BNA_P
ClientSampleId :
PB168787BS

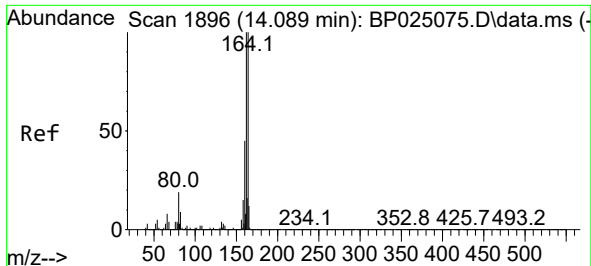
Tgt Ion:142 Resp: 3133351
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 32.3 25.9 38.9



#38
1-Methylnaphthalene
Concen: 41.677 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:142 Resp: 3257312
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1
116 3.5 2.7 4.1

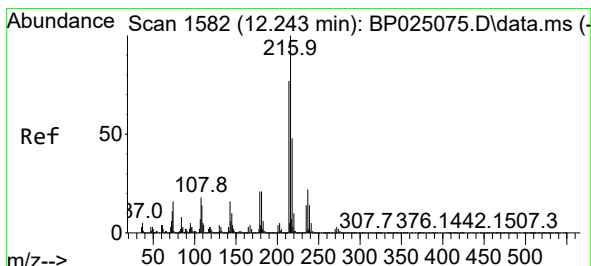
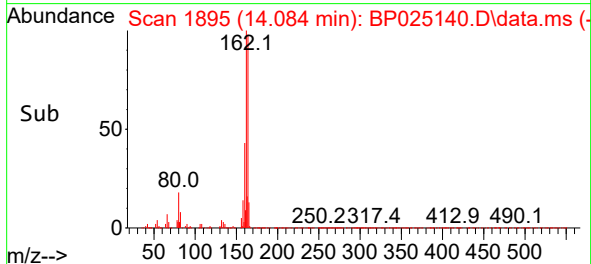
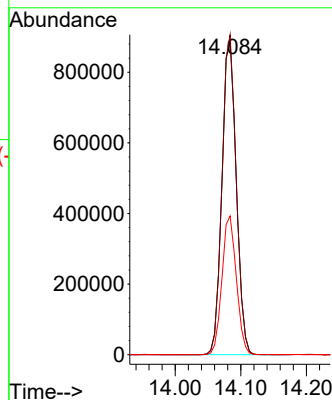
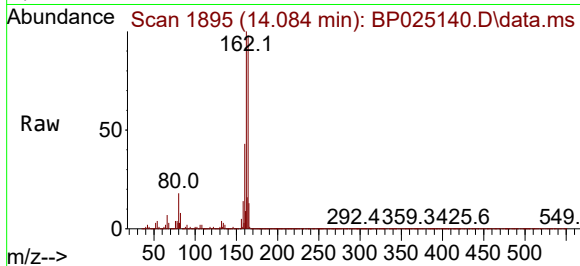




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

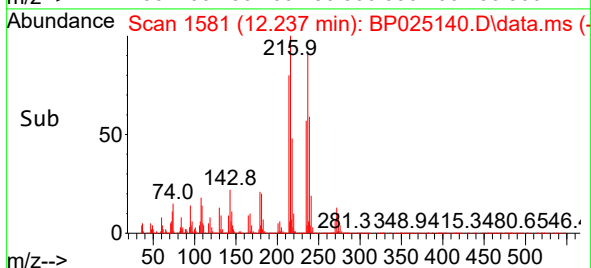
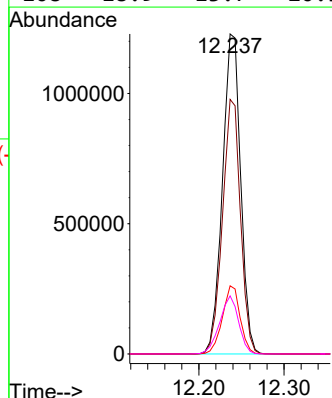
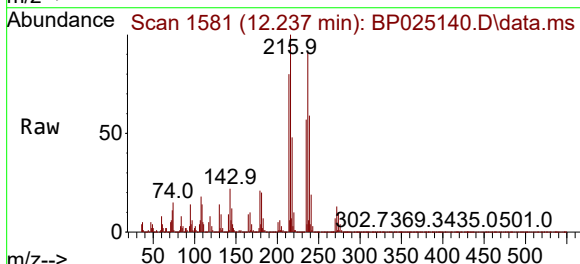
Instrument :
BNA_P
ClientSampleId :
PB168787BS

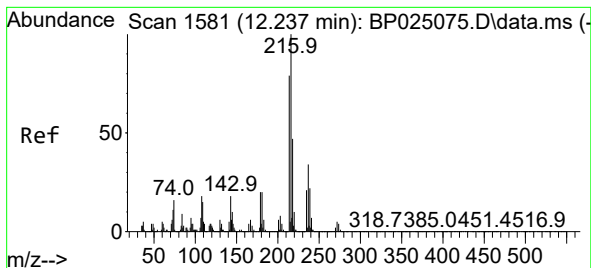
Tgt Ion:164 Resp: 1344565
Ion Ratio Lower Upper
164 100
162 102.1 80.3 120.5
160 44.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.120 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:216 Resp: 1820826
Ion Ratio Lower Upper
216 100
214 78.7 62.4 93.6
179 20.7 16.5 24.7
108 18.9 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 240.105 ng

RT: 12.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

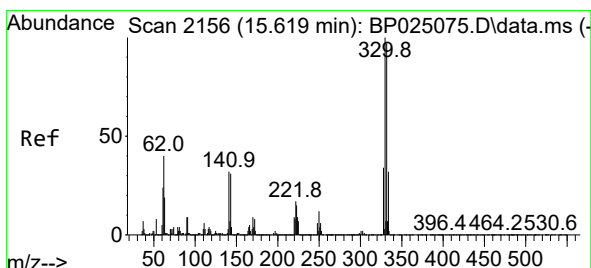
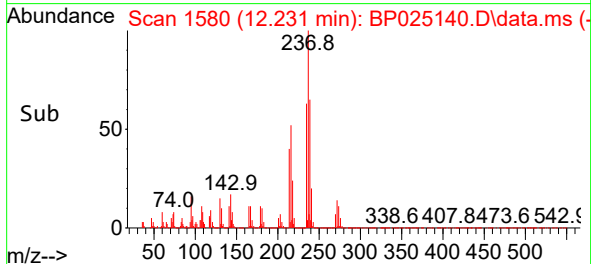
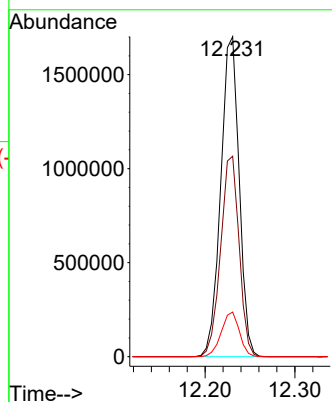
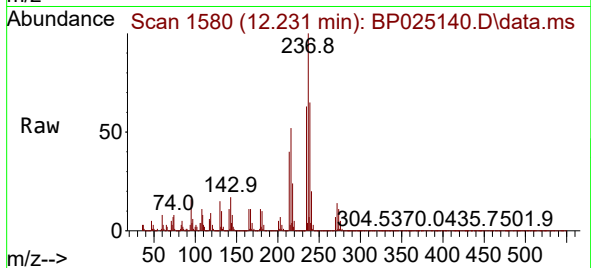
Tgt Ion:237 Resp: 2423523

Ion Ratio Lower Upper

237 100

235 62.6 41.6 81.6

272 13.9 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 148.602 ng

RT: 15.607 min Scan# 2154

Delta R.T. -0.012 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

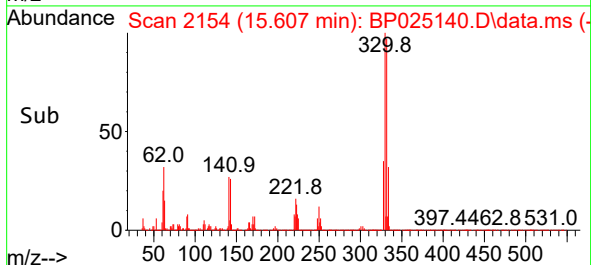
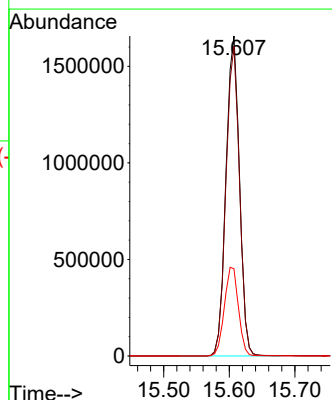
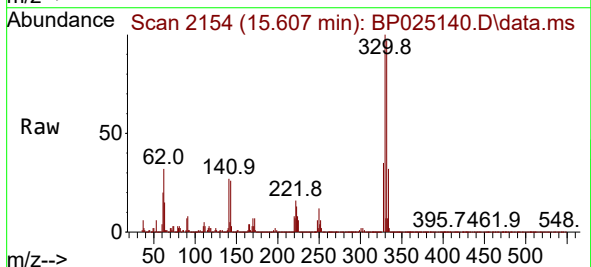
Tgt Ion:330 Resp: 2360358

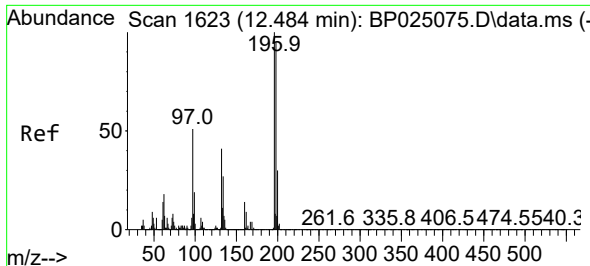
Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 28.9 26.0 39.0

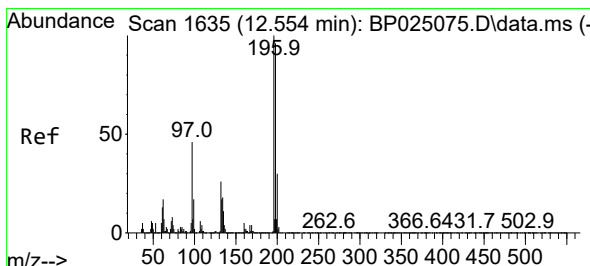
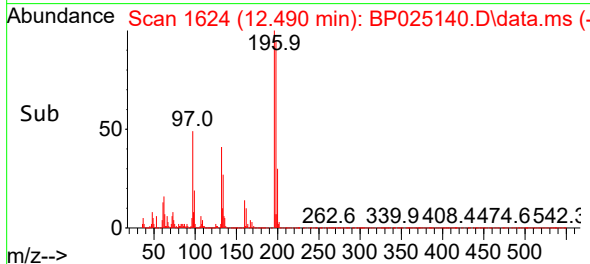
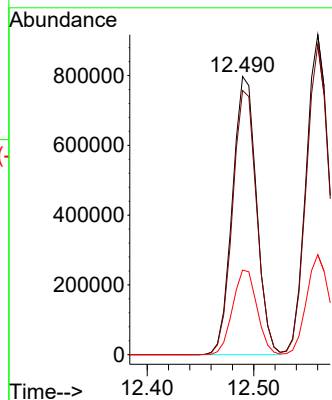
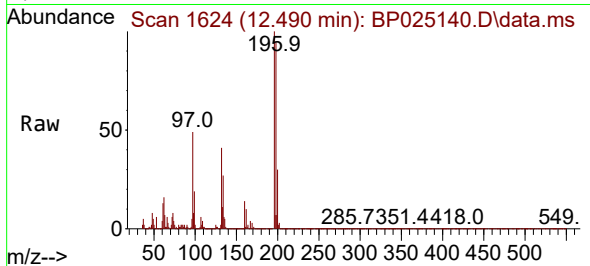




#43
2,4,6-Trichlorophenol
Concen: 53.541 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

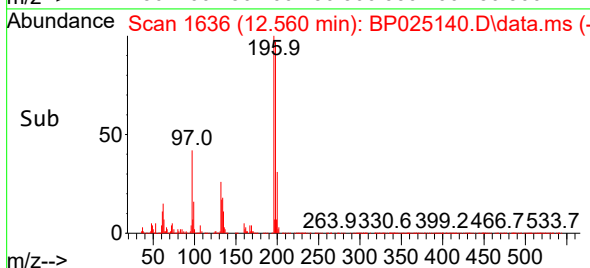
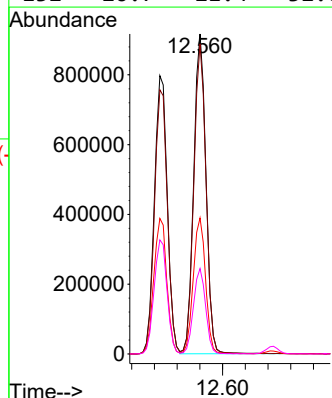
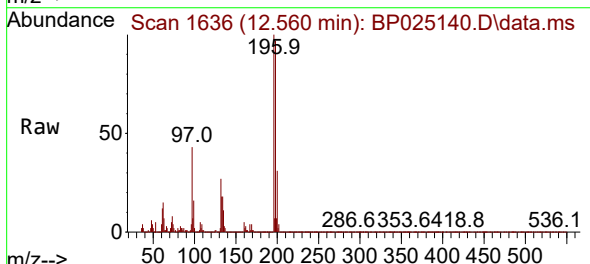
Instrument :
BNA_P
ClientSampleId :
PB168787BS

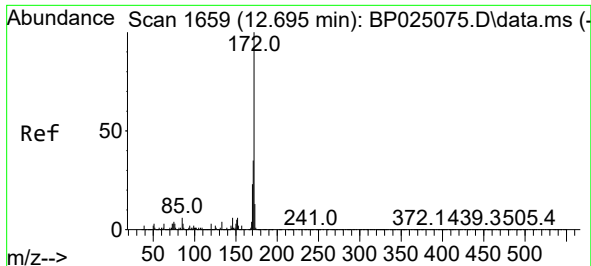
Tgt Ion:196 Resp: 1252788
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
200 30.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 52.018 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:196 Resp: 1379402
Ion Ratio Lower Upper
196 100
198 96.9 76.6 115.0
97 42.5 36.6 55.0
132 26.7 21.4 32.0

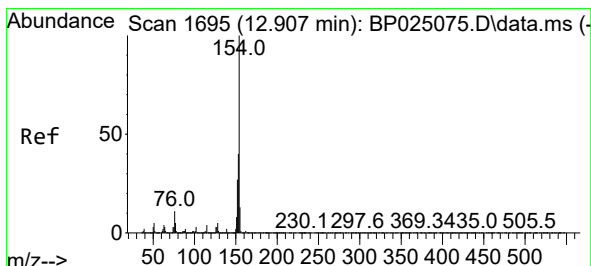
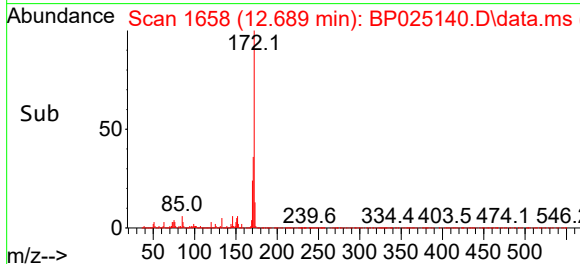
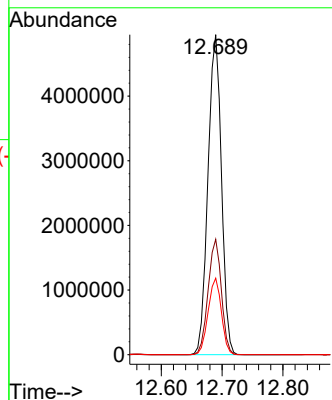
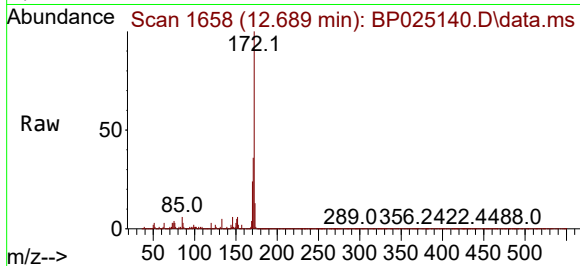




#45
2-Fluorobiphenyl
Concen: 87.480 ng
RT: 12.689 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

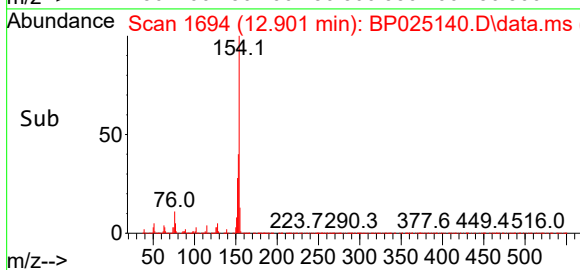
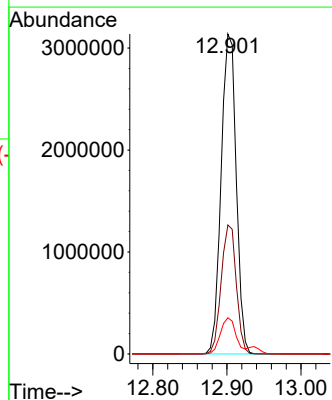
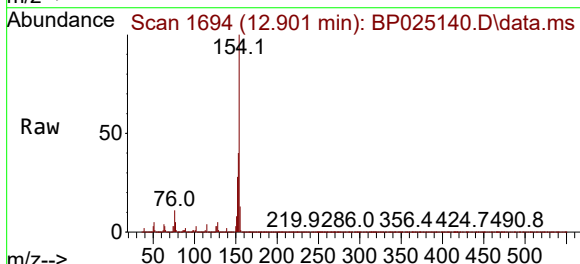
Instrument :
BNA_P
ClientSampleId :
PB168787BS

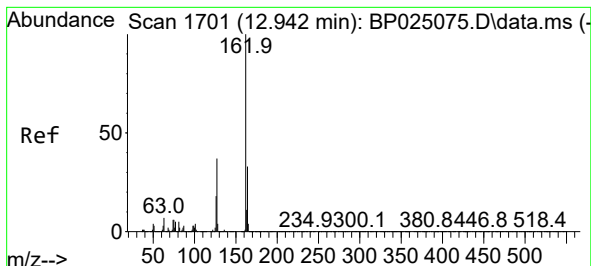
Tgt Ion:172 Resp: 7592628
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.9 18.7 28.1



#46
1,1'-Biphenyl
Concen: 45.312 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:154 Resp: 4432784
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.3 0.0 31.5





#47

2-Chloronaphthalene

Concen: 46.874 ng

RT: 12.937 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

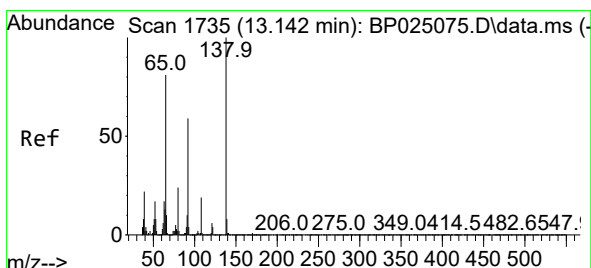
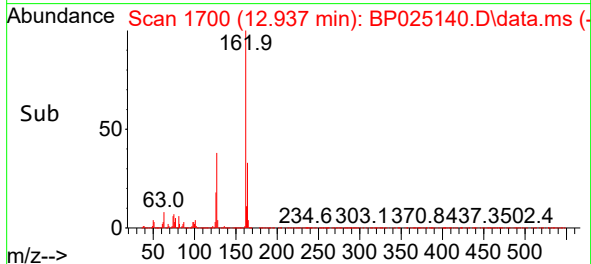
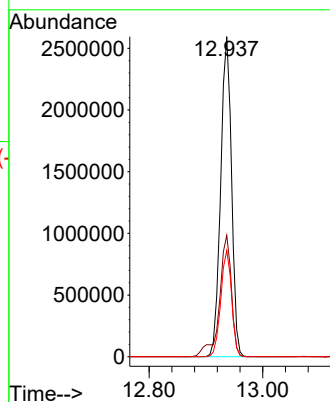
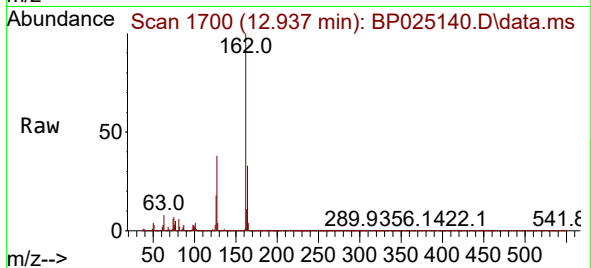
Tgt Ion:162 Resp: 3446635

Ion Ratio Lower Upper

162 100

127 37.9 29.4 44.2

164 33.2 26.4 39.6



#48

2-Nitroaniline

Concen: 49.290 ng

RT: 13.142 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

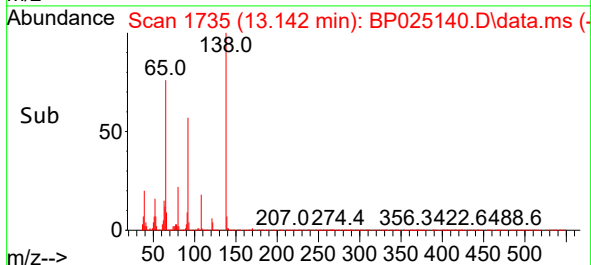
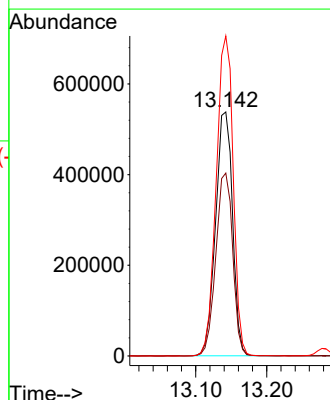
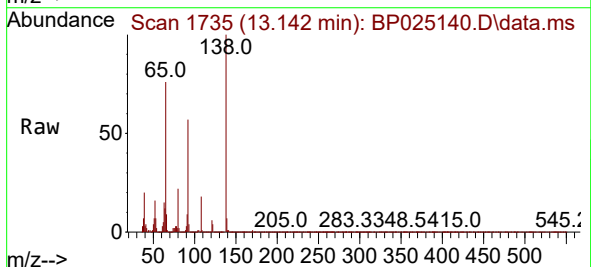
Tgt Ion: 65 Resp: 889225

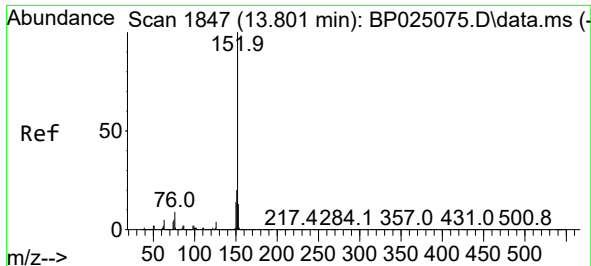
Ion Ratio Lower Upper

65 100

92 74.9 58.7 88.1

138 131.1 99.0 148.4

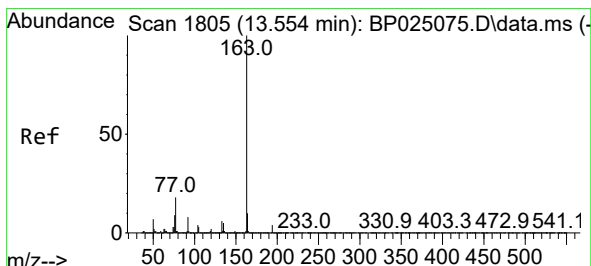
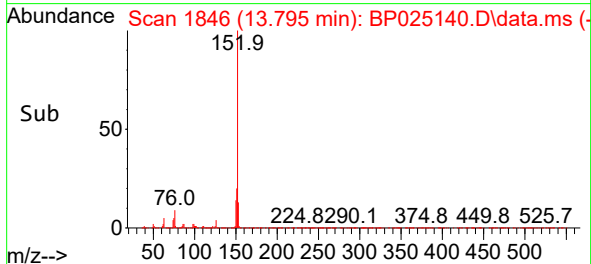
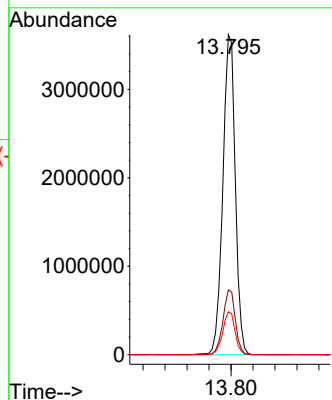
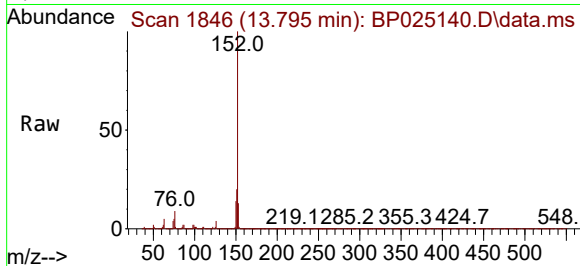




#49
Acenaphthylene
Concen: 50.445 ng
RT: 13.795 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

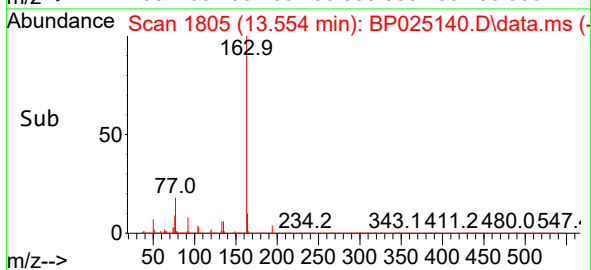
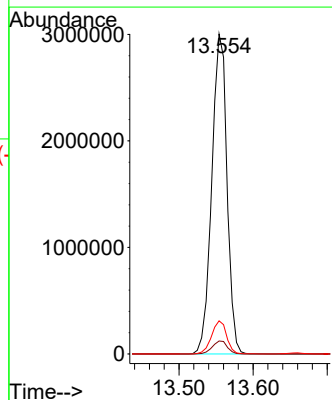
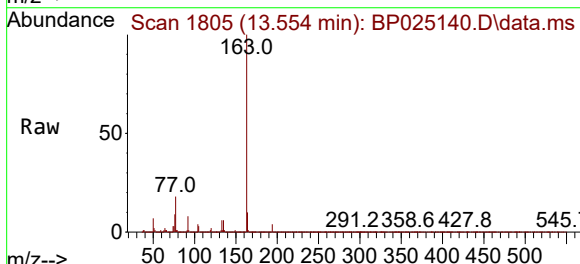
Instrument :
BNA_P
ClientSampleId :
PB168787BS

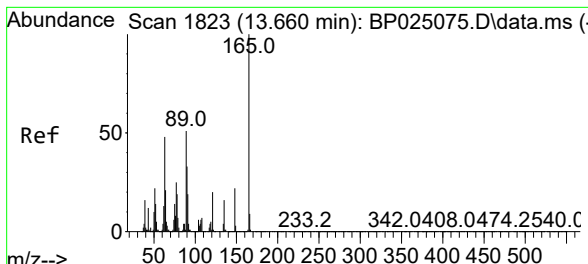
Tgt Ion:152 Resp: 5677000
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 45.412 ng
RT: 13.554 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:163 Resp: 4274143
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.0 12.0

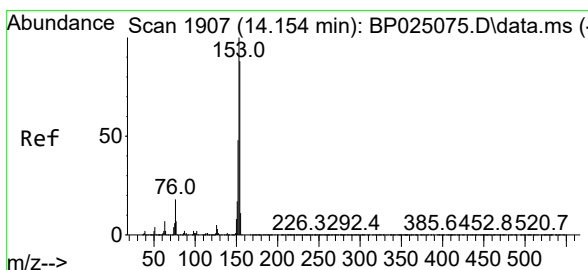
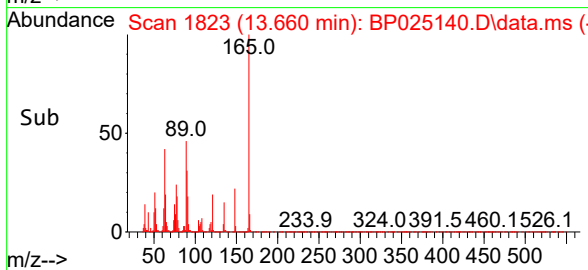
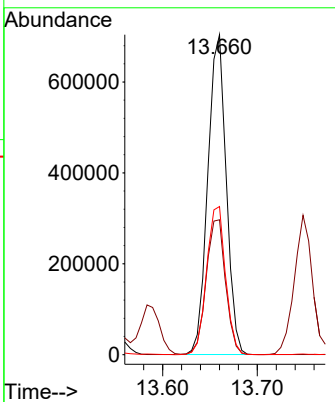
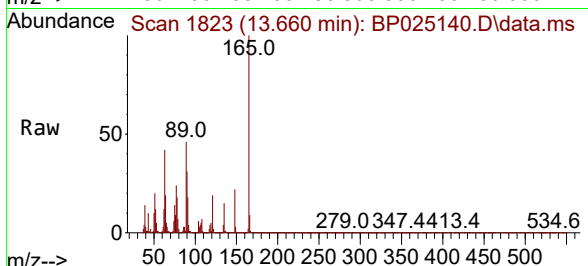




#51
2,6-Dinitrotoluene
Concen: 51.914 ng
RT: 13.660 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

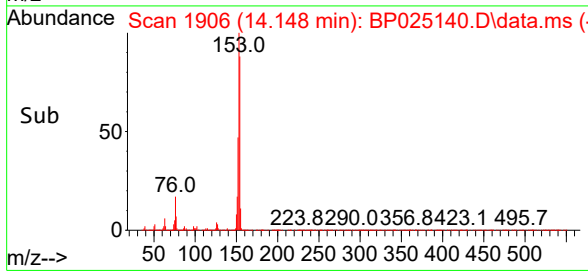
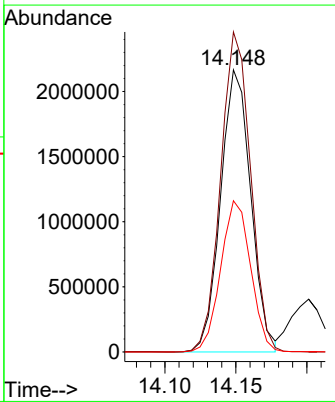
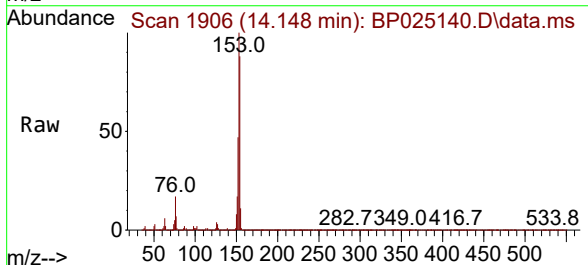
Instrument :
BNA_P
ClientSampleId :
PB168787BS

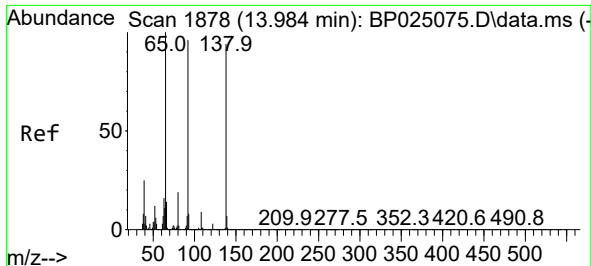
Tgt Ion:	165	Resp:	952950
Ion Ratio	Lower	Upper	
165	100		
63	42.1	38.5	57.7
89	46.3	40.6	61.0



#52
Acenaphthene
Concen: 44.073 ng
RT: 14.148 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:	154	Resp:	3196819
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.6	136.0
152	53.6	43.8	65.8

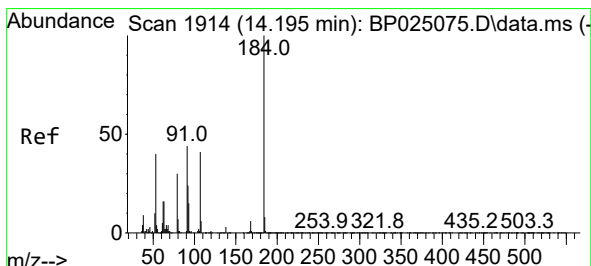
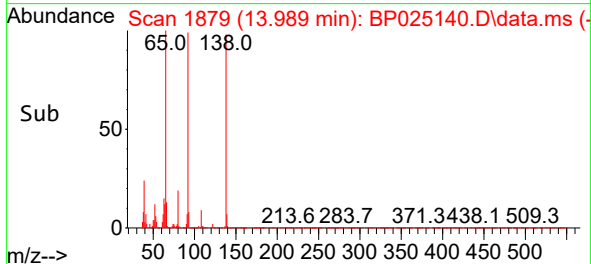
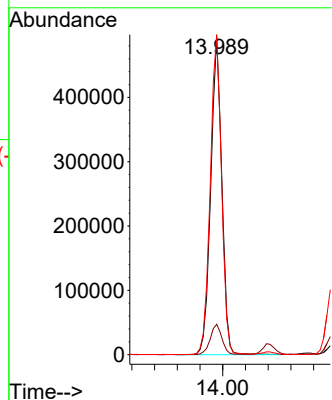
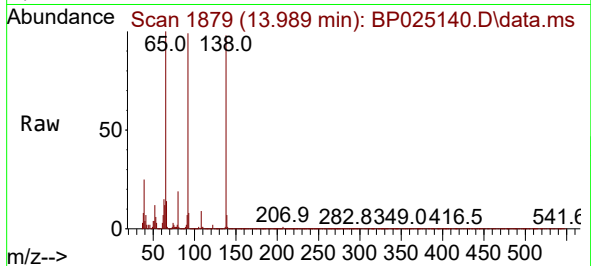




#53
3-Nitroaniline
Concen: 33.736 ng
RT: 13.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

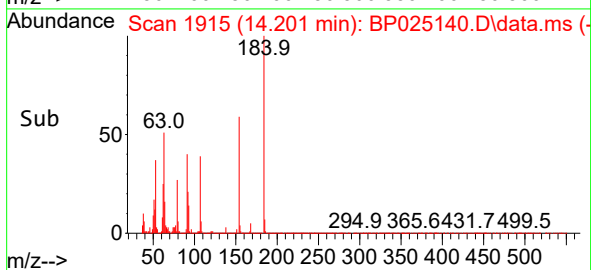
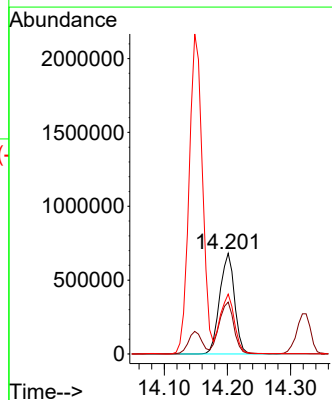
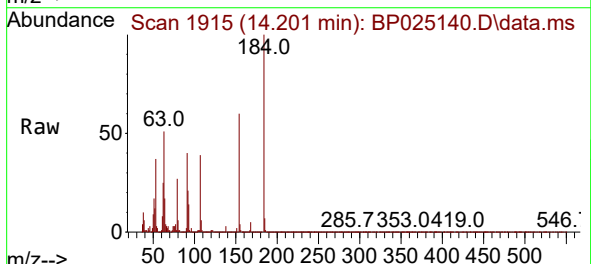
Instrument :
BNA_P
ClientSampleId :
PB168787BS

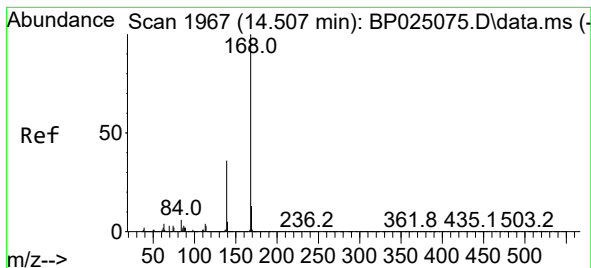
Tgt Ion:138 Resp: 663658
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 100.8 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 120.847 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:184 Resp: 1110577
Ion Ratio Lower Upper
184 100
63 51.5 47.4 71.0
154 59.5 47.8 71.8





#55

Dibenzenofuran

Concen: 42.806 ng

RT: 14.489 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

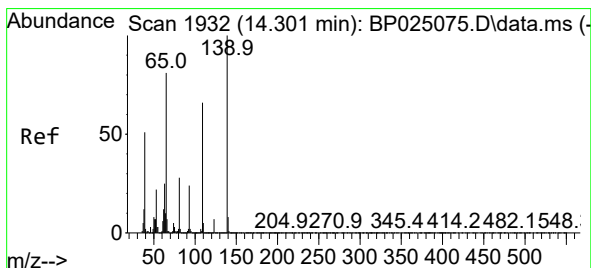
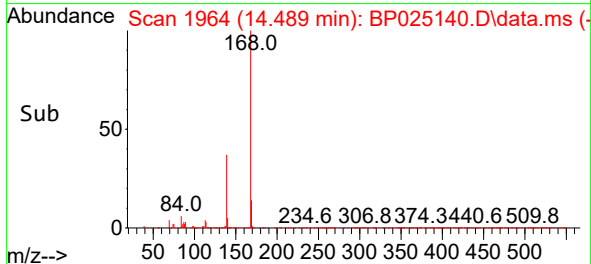
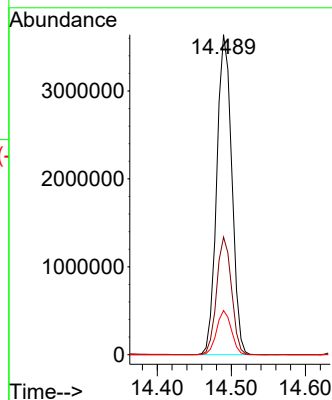
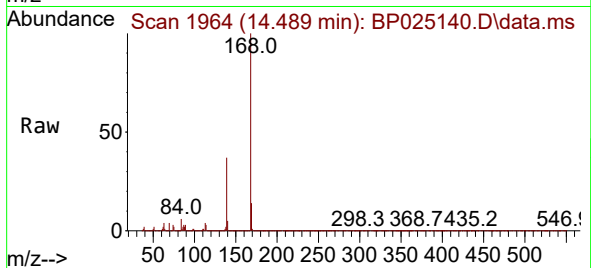
Tgt Ion:168 Resp: 5124164

Ion Ratio Lower Upper

168 100

139 36.8 28.6 43.0

169 13.8 10.7 16.1



#56

4-Nitrophenol

Concen: 100.446 ng

RT: 14.325 min Scan# 1936

Delta R.T. 0.023 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

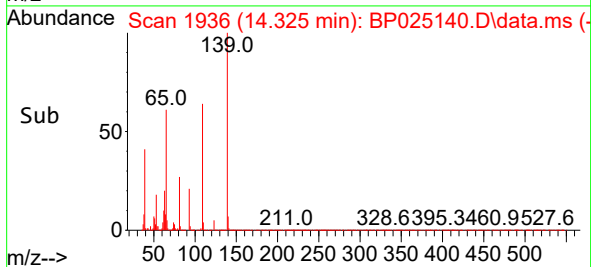
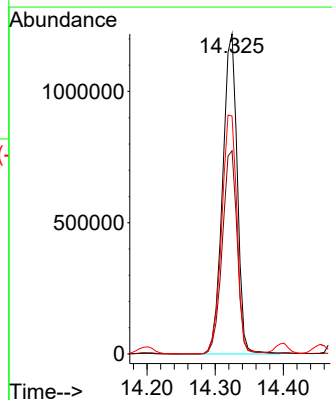
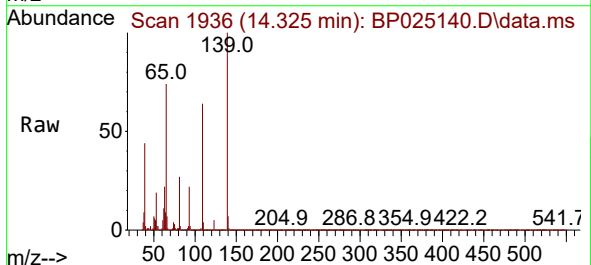
Tgt Ion:139 Resp: 1823520

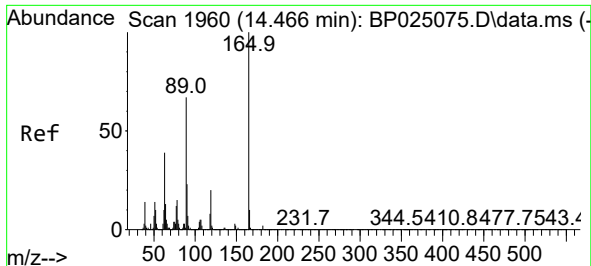
Ion Ratio Lower Upper

139 100

109 63.5 45.9 85.9

65 74.3 61.4 101.4

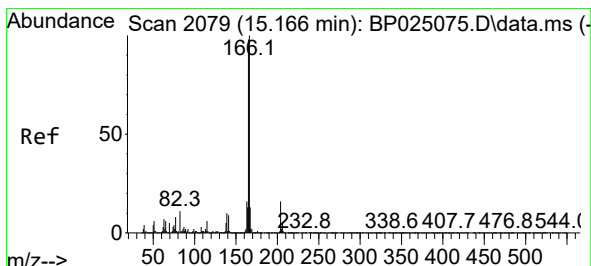
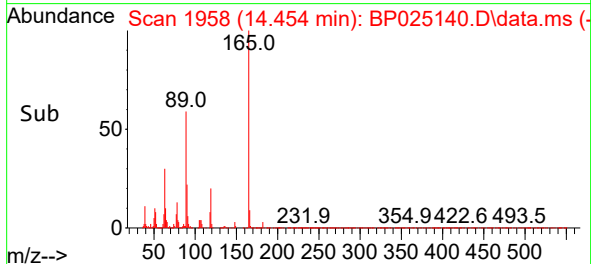
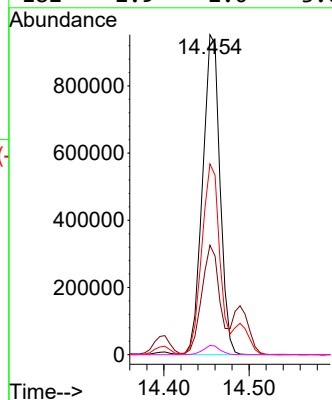
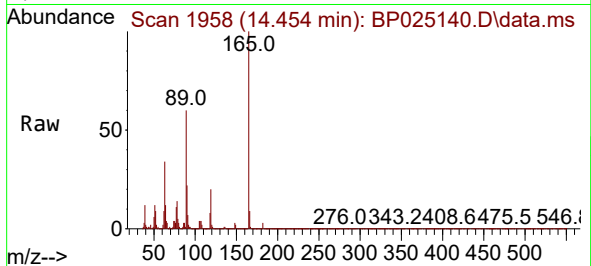




#57
2,4-Dinitrotoluene
Concen: 49.853 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

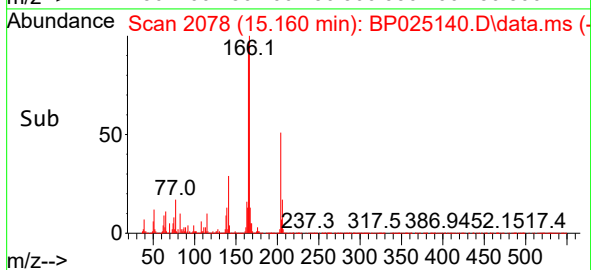
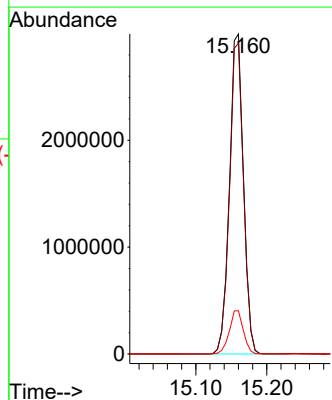
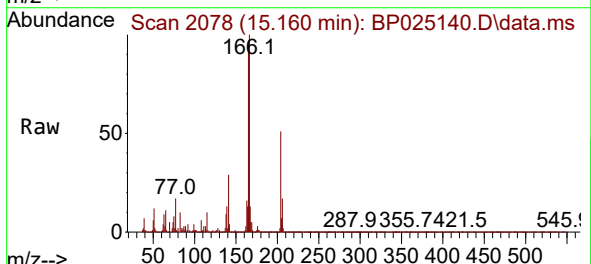
Instrument :
BNA_P
ClientSampleId :
PB168787BS

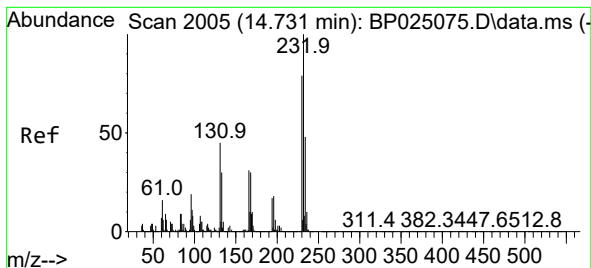
Tgt Ion:165 Resp: 1345947
Ion Ratio Lower Upper
165 100
63 34.2 31.0 46.4
89 59.6 53.4 80.0
182 2.9 2.0 3.0



#58
Fluorene
Concen: 44.166 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:166 Resp: 4089317
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.5 10.7 16.1



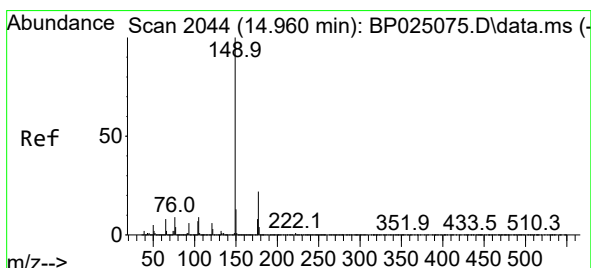
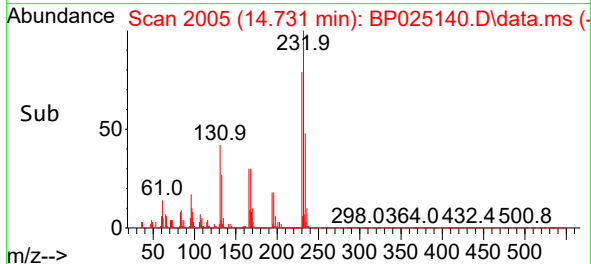
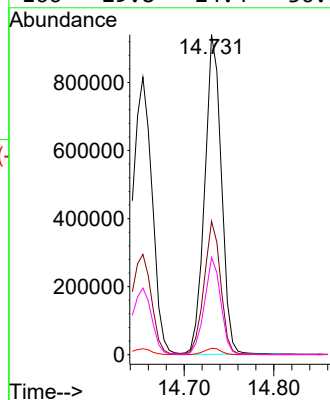
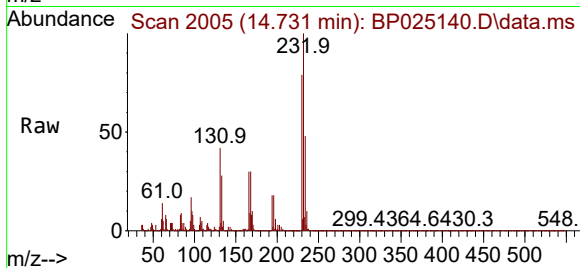


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.408 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:232 Resp: 1210477

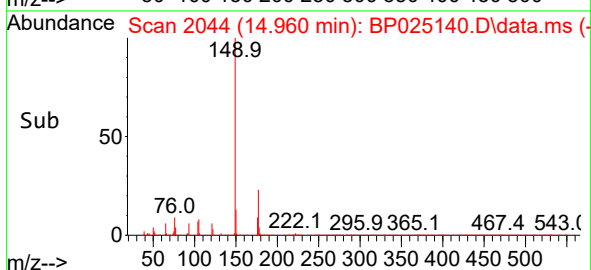
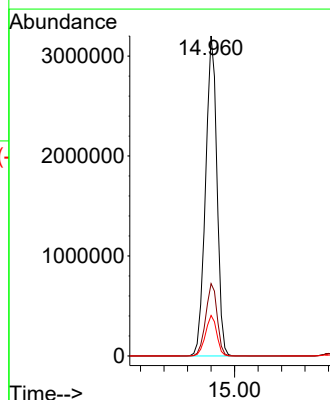
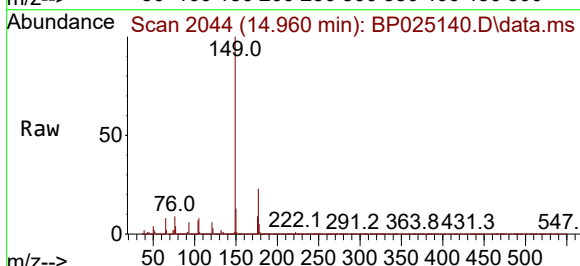
Ion	Ratio	Lower	Upper
232	100		
131	41.4	35.7	53.5
130	2.1	1.8	2.6
166	29.8	24.4	36.6

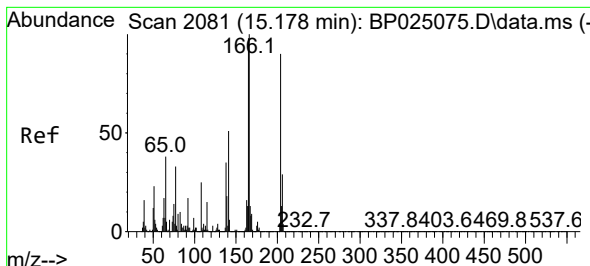


#60
Diethylphthalate
Concen: 45.534 ng
RT: 14.960 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:149 Resp: 4304454

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.8	26.8
150	12.7	10.2	15.2

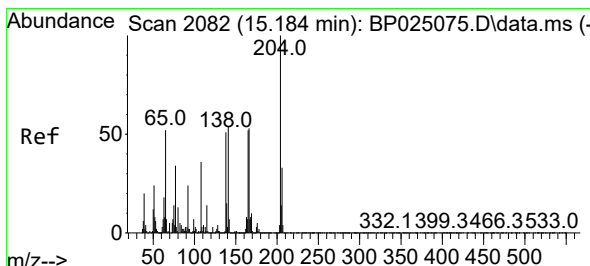
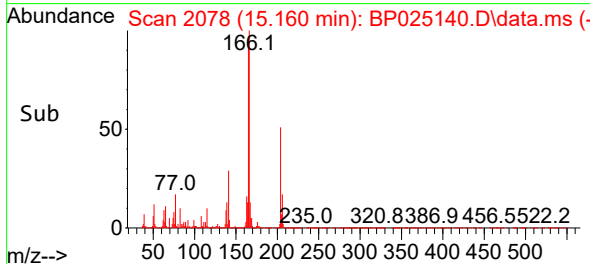
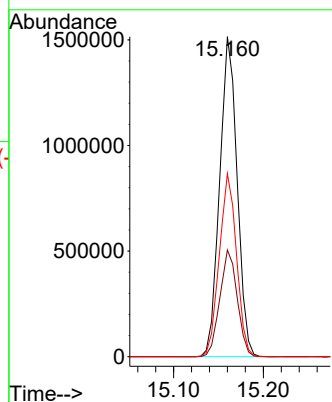
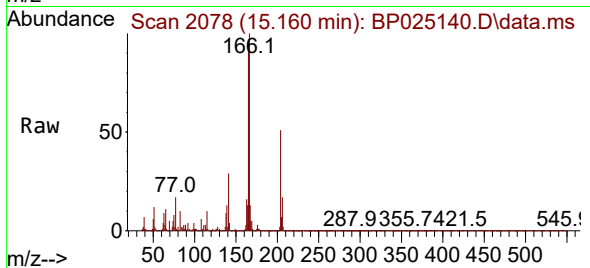




#61
4-Chlorophenyl-phenylether
Concen: 44.667 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

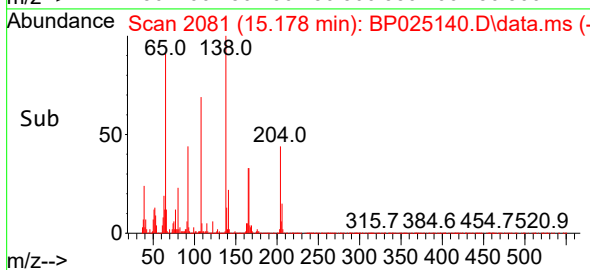
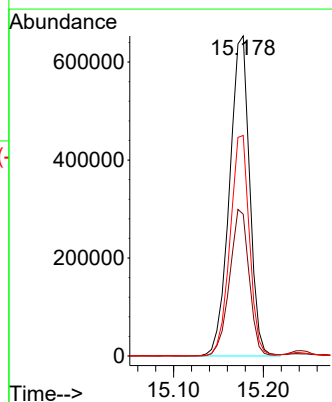
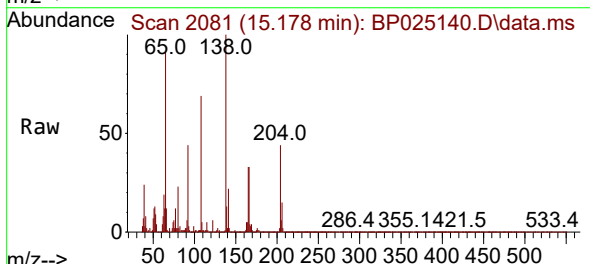
Instrument :
BNA_P
ClientSampleId :
PB168787BS

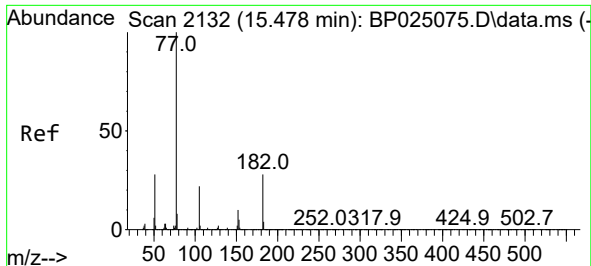
Tgt Ion:204 Resp: 2046693
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 57.2 45.1 67.7



#62
4-Nitroaniline
Concen: 49.203 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:138 Resp: 1014937
Ion Ratio Lower Upper
138 100
92 44.3 26.0 66.0
108 68.9 50.0 90.0

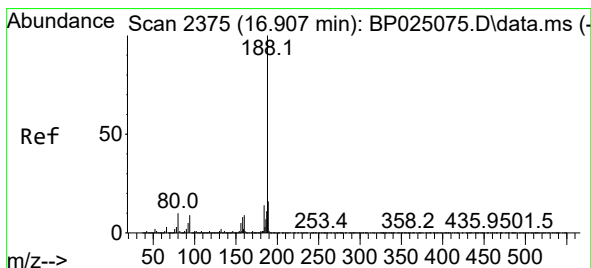
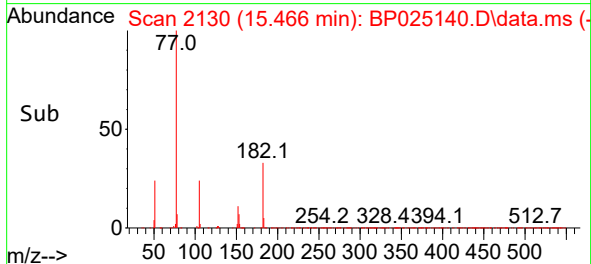
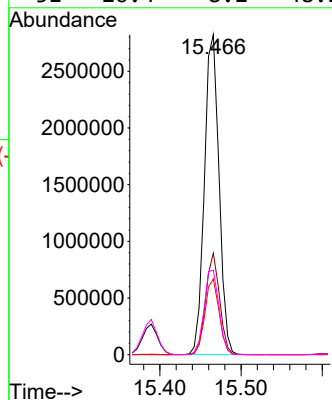
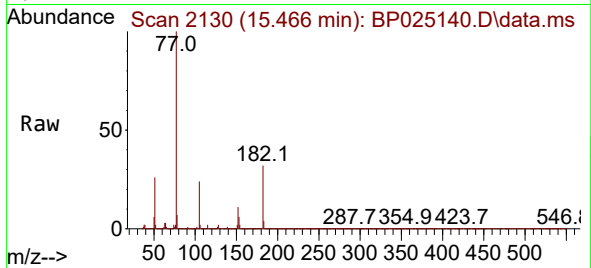




#63
Azobenzene
Concen: 41.769 ng
RT: 15.466 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

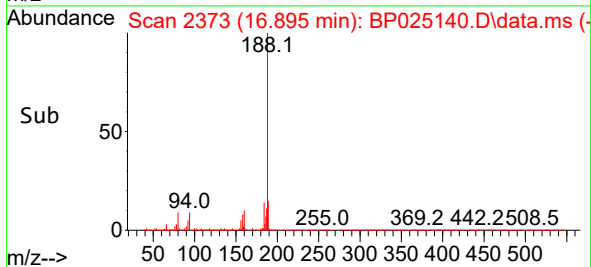
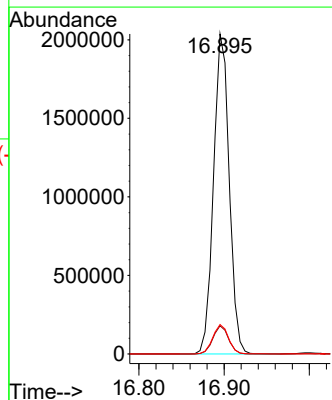
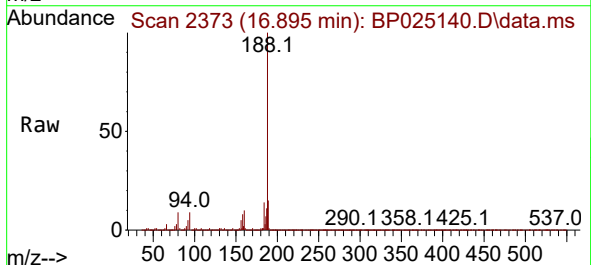
Instrument :
BNA_P
ClientSampleId :
PB168787BS

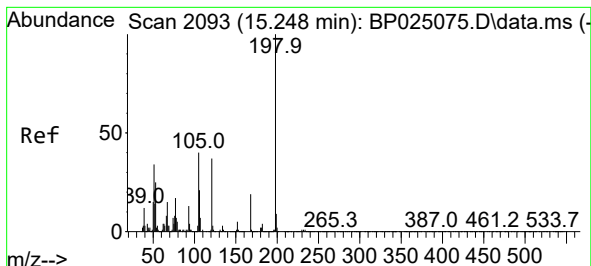
Tgt Ion: 77 Resp: 3516056
Ion Ratio Lower Upper
77 100
182 31.8 7.7 47.7
105 23.7 1.9 41.9
51 26.4 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:188 Resp: 2600633
Ion Ratio Lower Upper
188 100
94 8.8 7.3 10.9
80 9.2 7.8 11.6

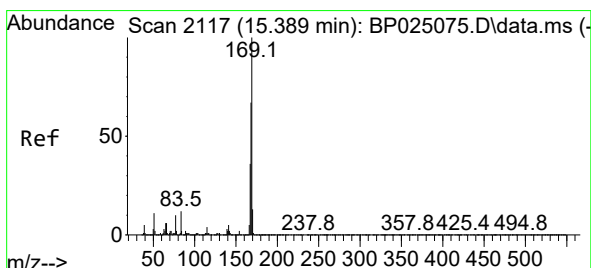
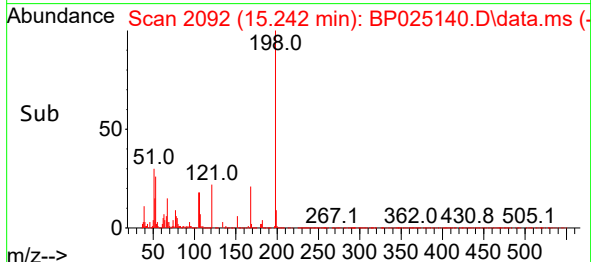
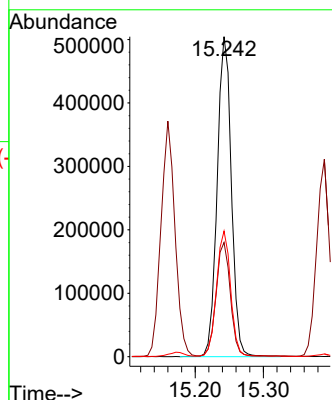
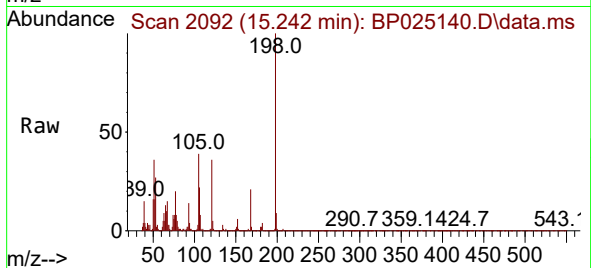




#65
4,6-Dinitro-2-methylphenol
Concen: 60.012 ng
RT: 15.242 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

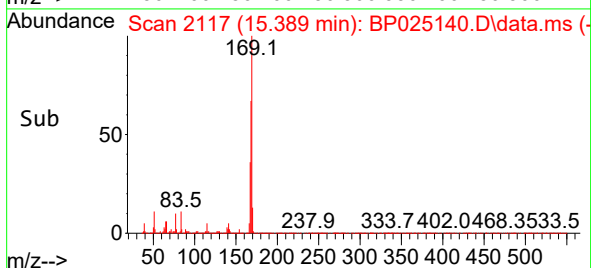
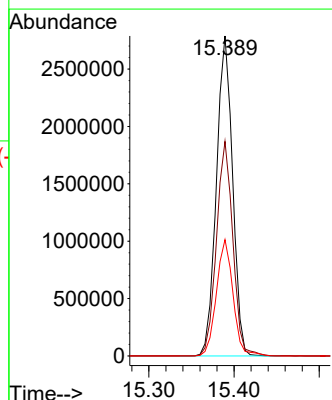
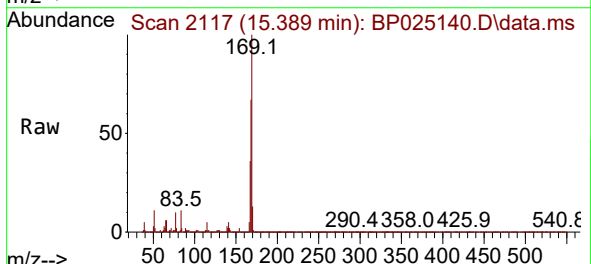
Instrument :
BNA_P
ClientSampleId :
PB168787BS

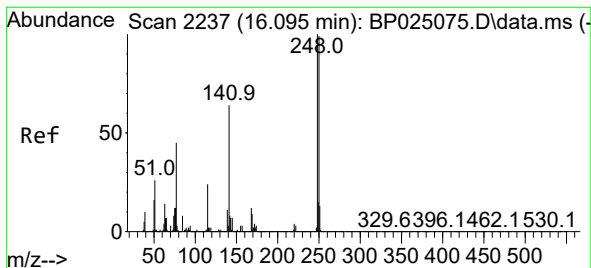
Tgt Ion:198 Resp: 728904
Ion Ratio Lower Upper
198 100
51 35.7 16.8 56.8
105 39.2 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 49.396 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:169 Resp: 3676393
Ion Ratio Lower Upper
169 100
168 67.0 54.1 81.1
167 36.4 29.0 43.6

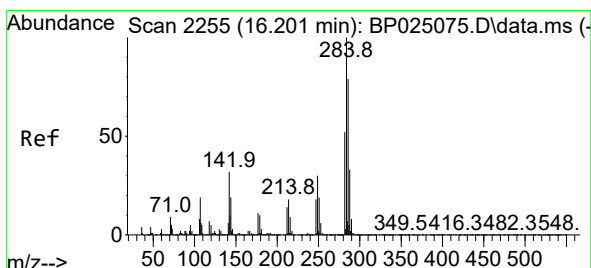
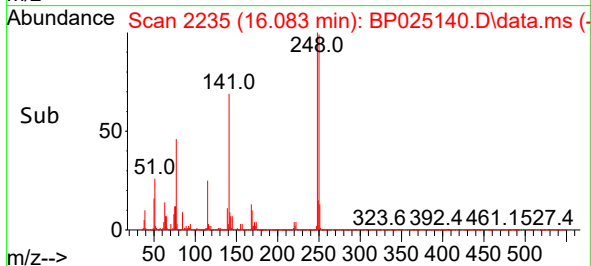
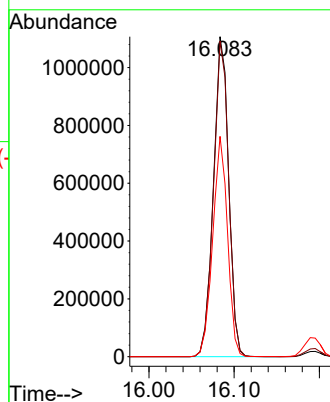
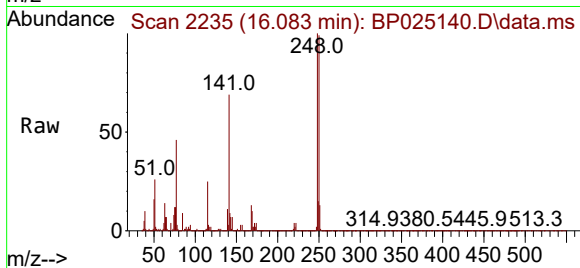




#67
4-Bromophenyl-phenylether
Concen: 51.565 ng
RT: 16.083 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

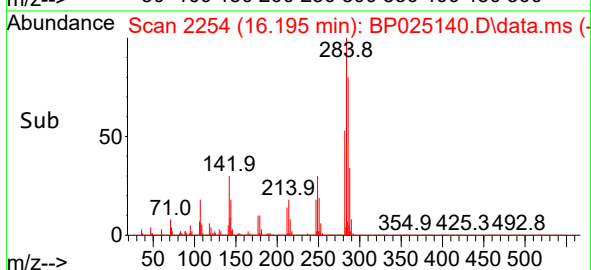
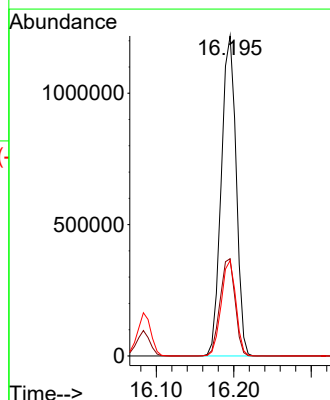
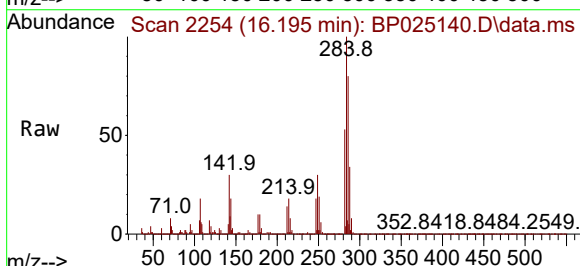
Instrument :
BNA_P
ClientSampleId :
PB168787BS

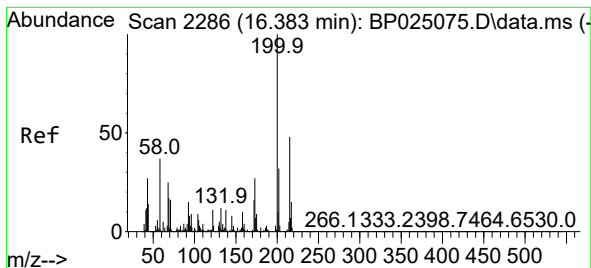
Tgt Ion:248 Resp: 1373072
Ion Ratio Lower Upper
248 100
250 98.7 79.4 119.2
141 68.8 51.4 77.0



#68
Hexachlorobenzene
Concen: 49.813 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:284 Resp: 1621227
Ion Ratio Lower Upper
284 100
142 30.4 25.9 38.9
249 29.8 23.8 35.8





#69

Atrazine

Concen: 62.687 ng

RT: 16.383 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

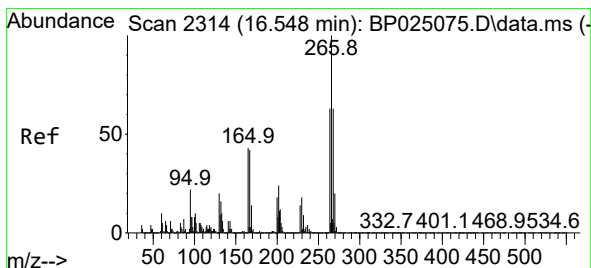
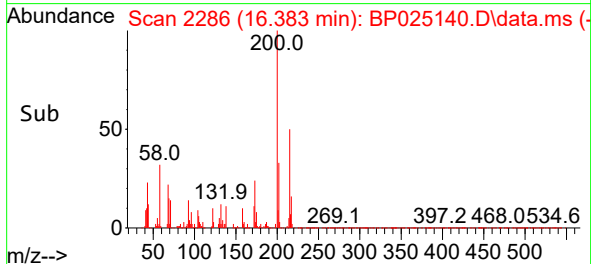
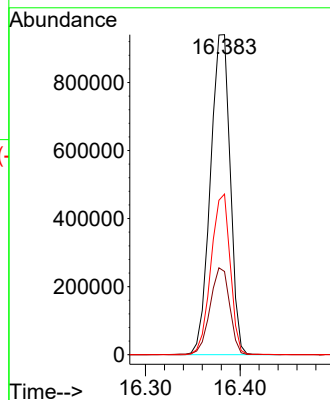
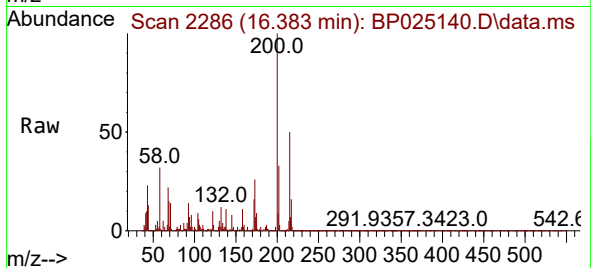
Tgt Ion:200 Resp: 1367167

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

215 50.2 28.0 68.0



#70

Pentachlorophenol

Concen: 102.342 ng

RT: 16.542 min Scan# 2313

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

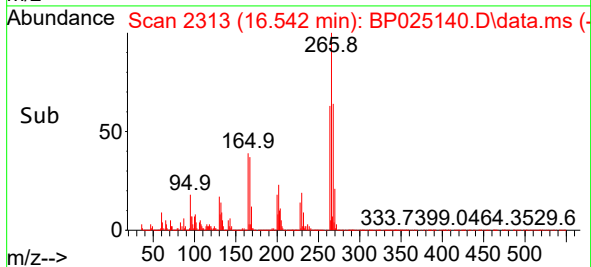
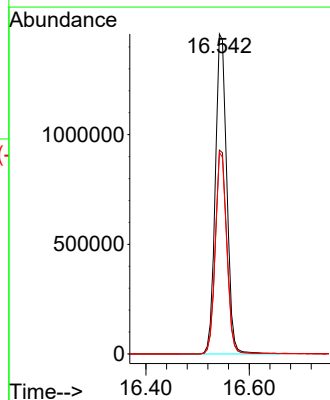
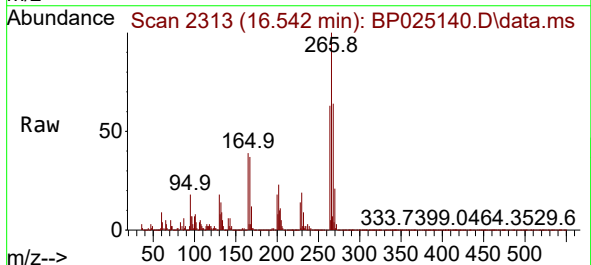
Tgt Ion:266 Resp: 2249506

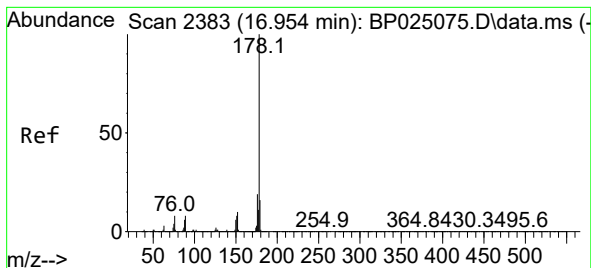
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 46.790 ng

RT: 16.942 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

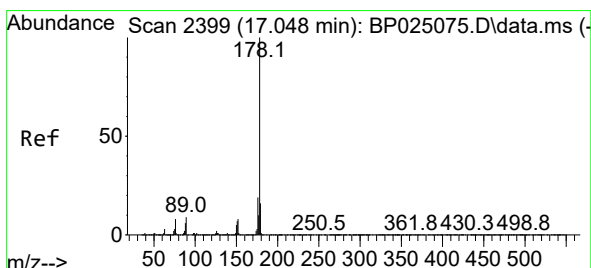
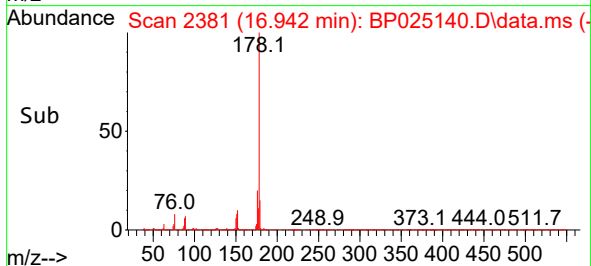
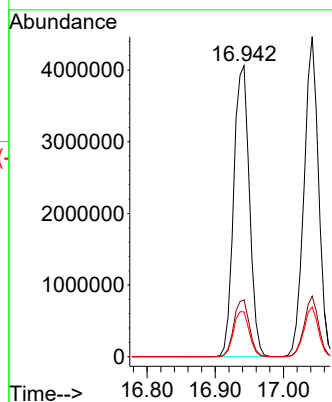
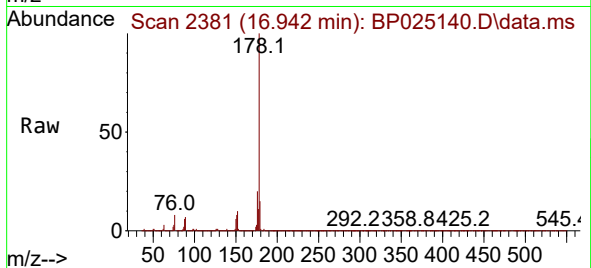
Tgt Ion:178 Resp: 6502117

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.4 12.6 19.0



#72

Anthracene

Concen: 49.413 ng

RT: 17.042 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

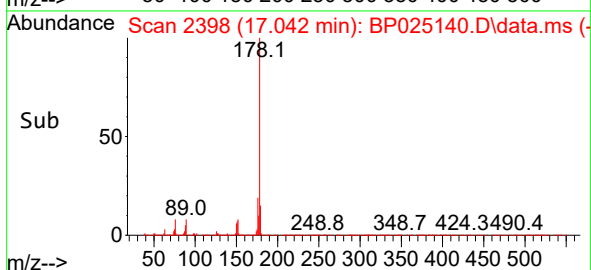
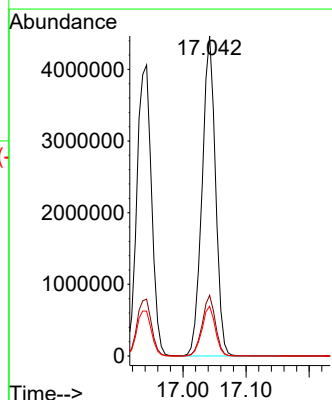
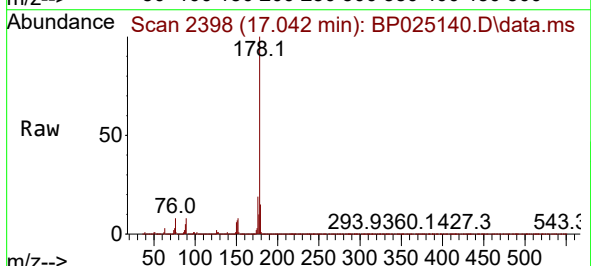
Tgt Ion:178 Resp: 6587542

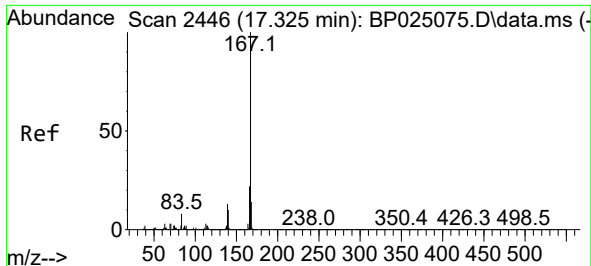
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

179 15.5 12.5 18.7

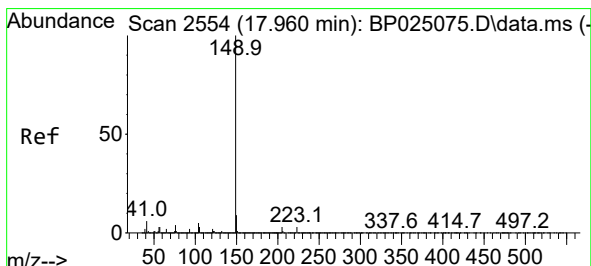
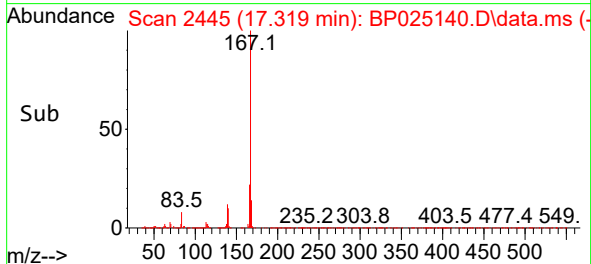
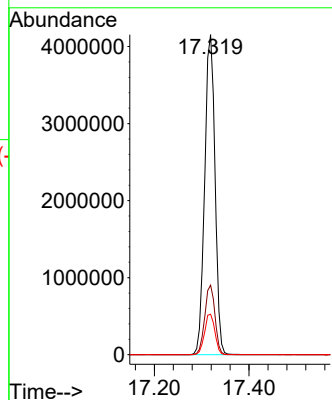
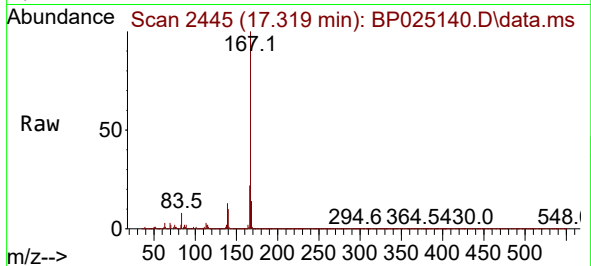




#73
Carbazole
Concen: 48.154 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

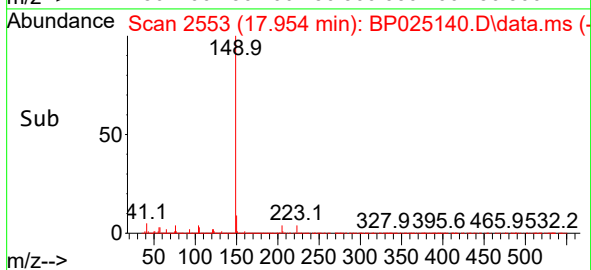
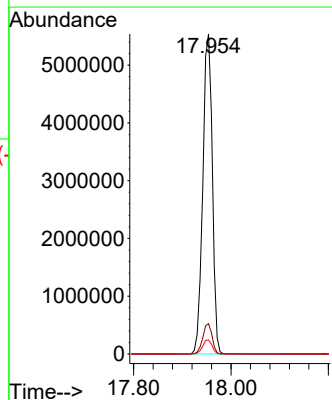
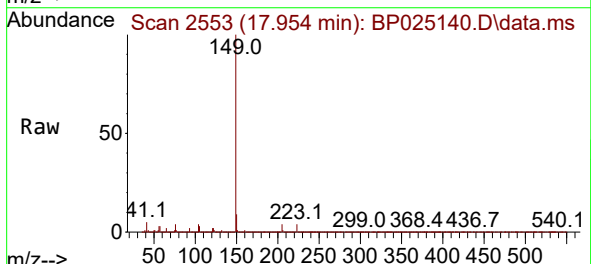
Instrument :
BNA_P
ClientSampleId :
PB168787BS

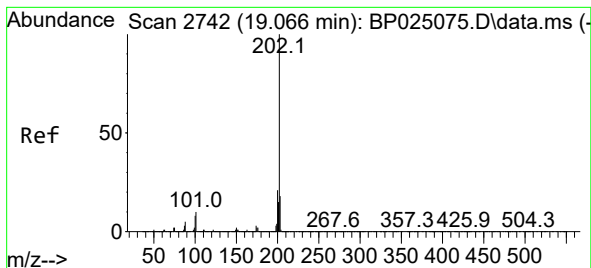
Tgt Ion:167 Resp: 6276914
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 12.7 10.4 15.6



#74
Di-n-butylphthalate
Concen: 51.733 ng
RT: 17.954 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:149 Resp: 7509386
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.3 3.8 5.6





#75

Fluoranthene

Concen: 46.789 ng

RT: 19.054 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

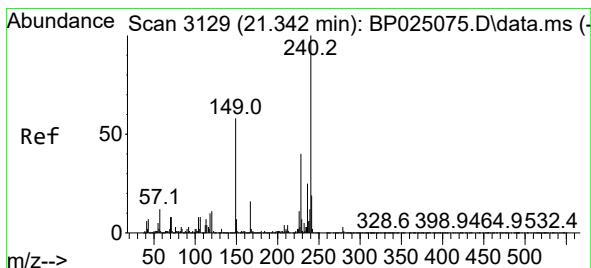
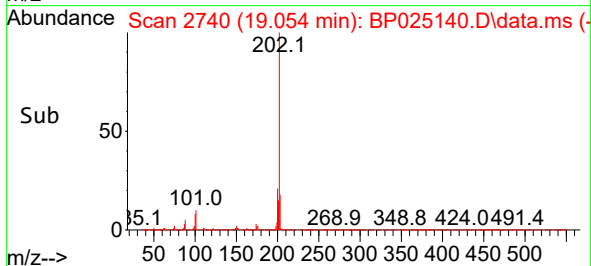
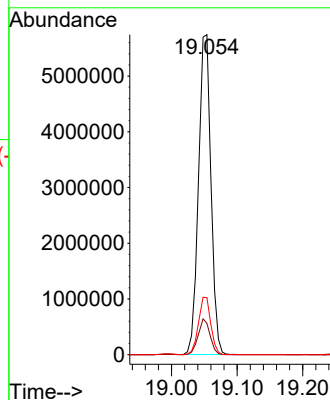
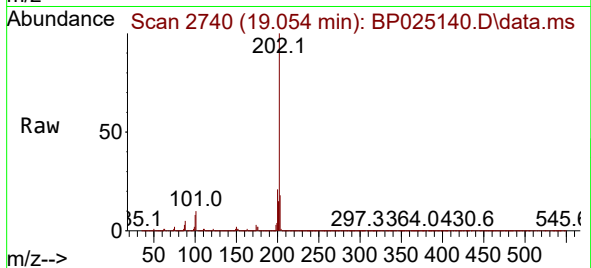
Tgt Ion:202 Resp: 7600190

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.4

203 17.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.348 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

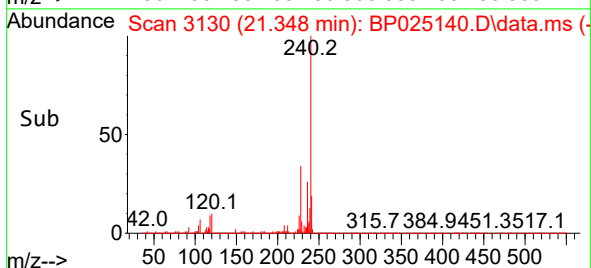
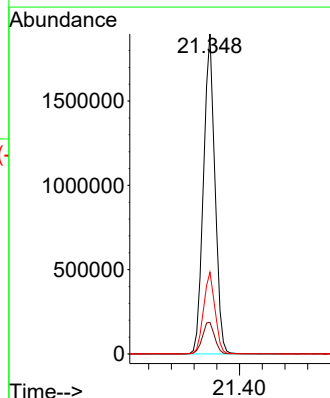
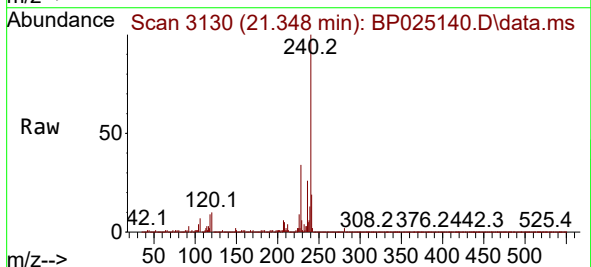
Tgt Ion:240 Resp: 2649430

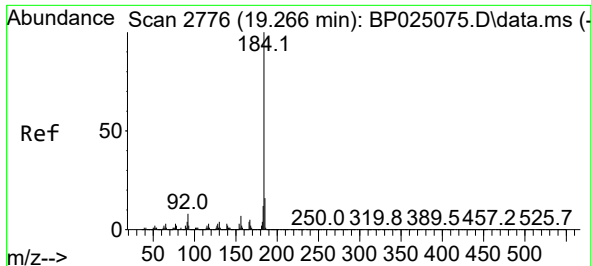
Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.4

236 25.6 20.3 30.5

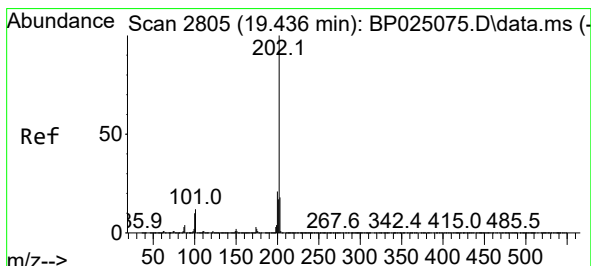
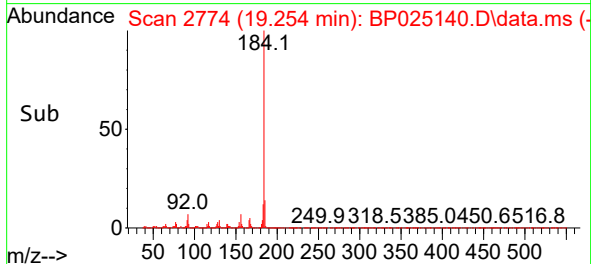
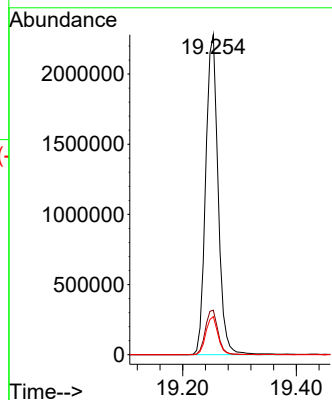
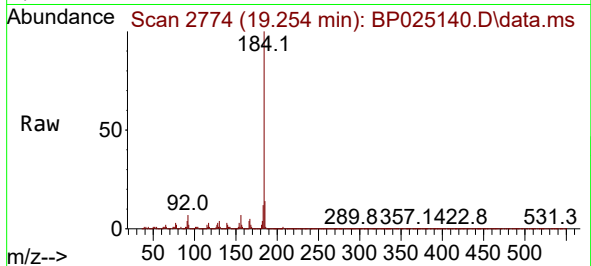




#77
Benzidine
Concen: 73.587 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

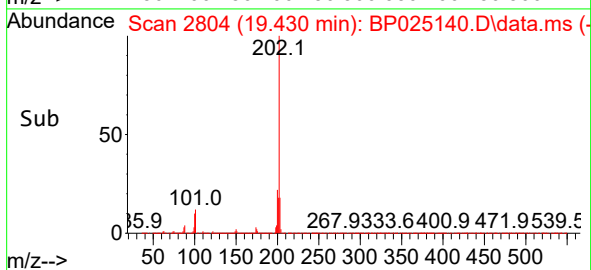
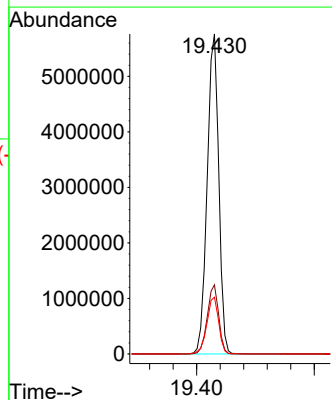
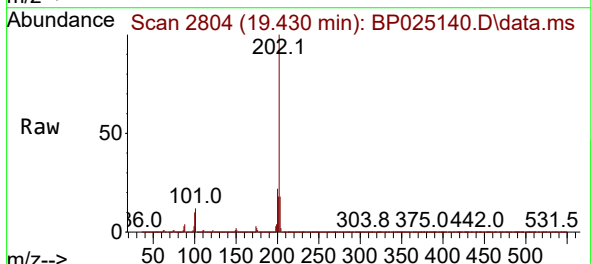
Instrument :
BNA_P
ClientSampleId :
PB168787BS

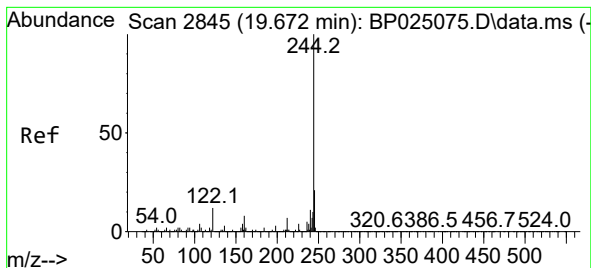
Tgt Ion:184 Resp: 3443348
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.9 9.4 14.2



#78
Pyrene
Concen: 48.043 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:202 Resp: 7883795
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 95.782 ng

RT: 19.671 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

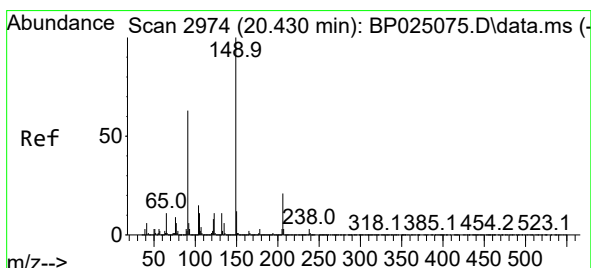
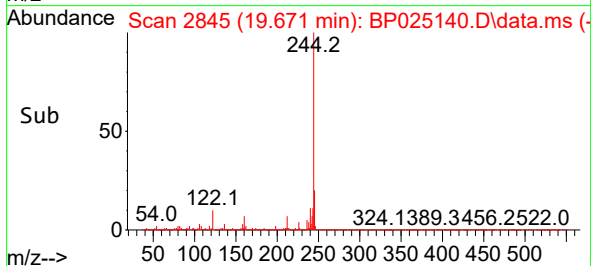
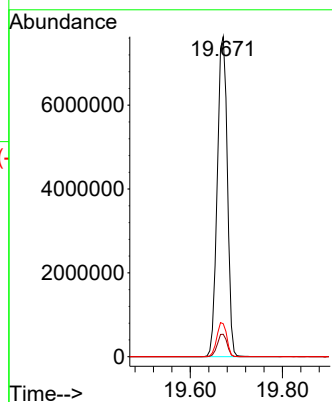
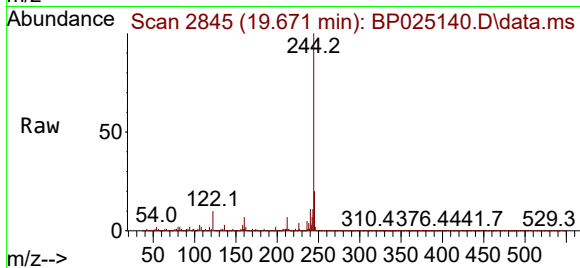
Tgt Ion:244 Resp:11546522

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 54.134 ng

RT: 20.424 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

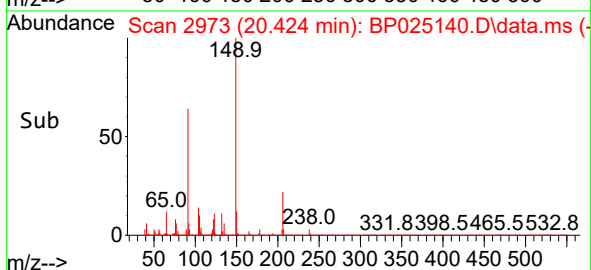
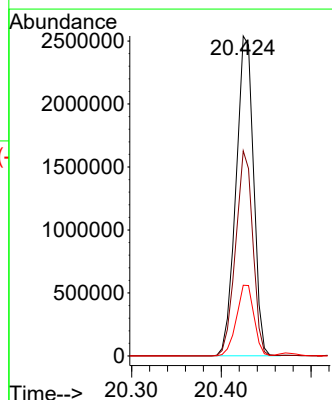
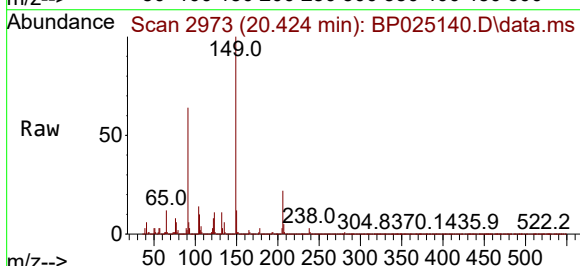
Tgt Ion:149 Resp: 3454852

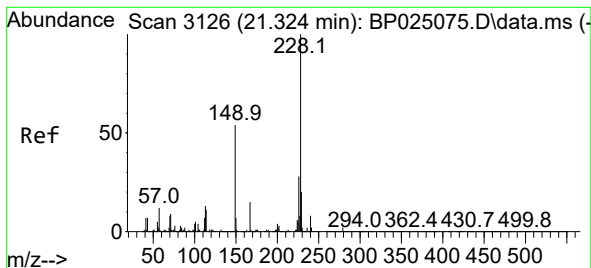
Ion Ratio Lower Upper

149 100

91 64.1 50.6 76.0

206 22.1 17.2 25.8





#81

Benzo(a)anthracene

Concen: 48.838 ng

RT: 21.324 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

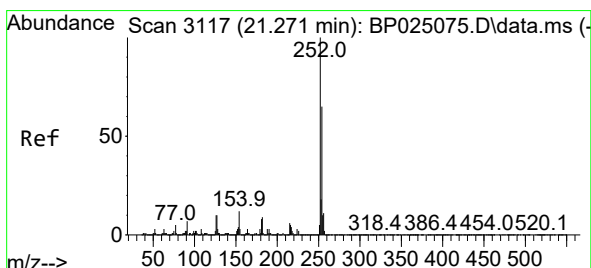
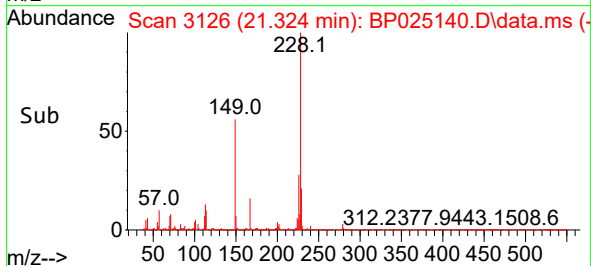
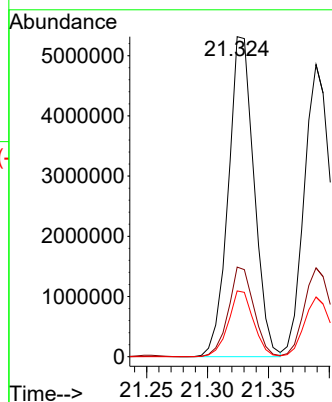
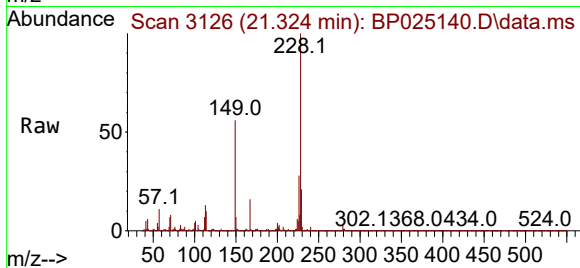
Tgt Ion:228 Resp: 7841380

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

229 20.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.914 ng

RT: 21.254 min Scan# 3114

Delta R.T. -0.018 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

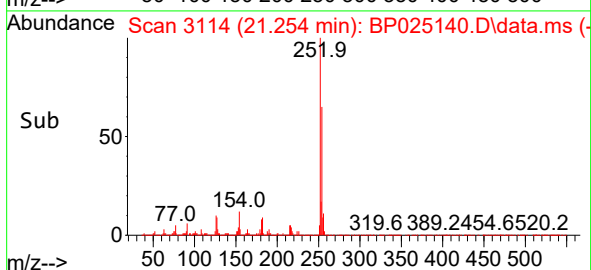
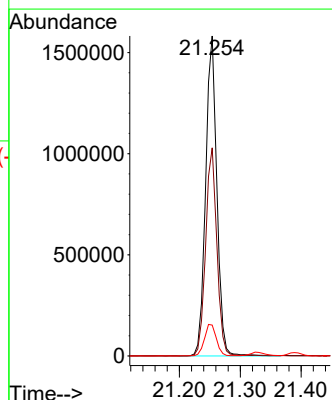
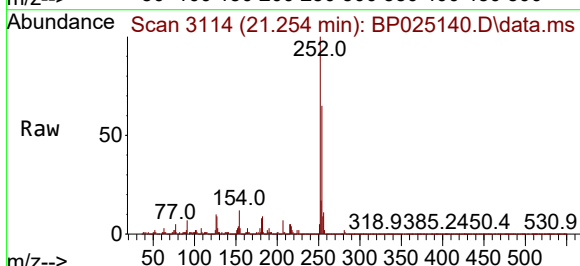
Tgt Ion:252 Resp: 2025908

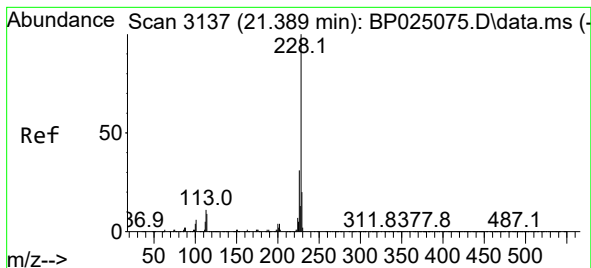
Ion Ratio Lower Upper

252 100

254 65.0 51.9 77.9

126 9.7 8.1 12.1





#83

Chrysene

Concen: 46.694 ng

RT: 21.389 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

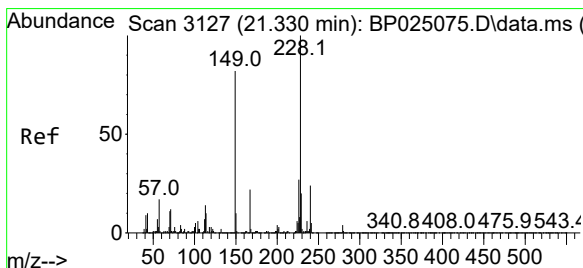
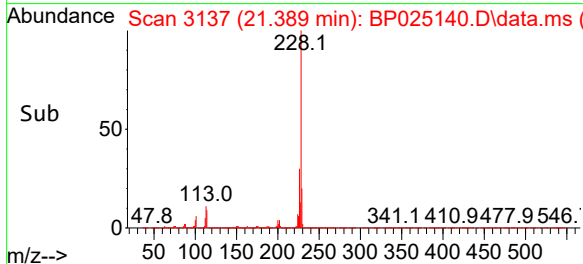
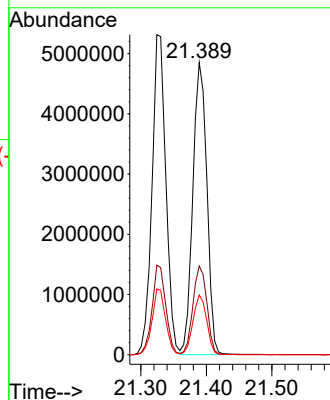
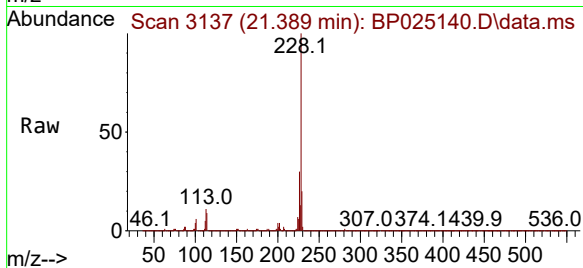
Tgt Ion:228 Resp: 7214825

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.235 ng

RT: 21.318 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

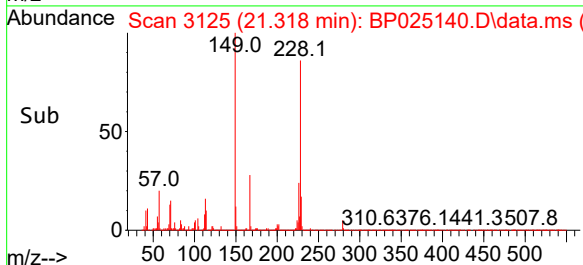
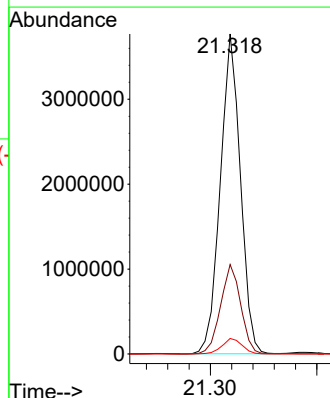
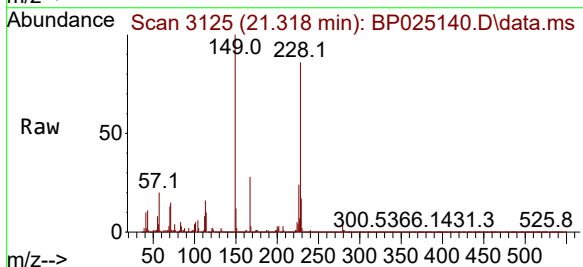
Tgt Ion:149 Resp: 4929216

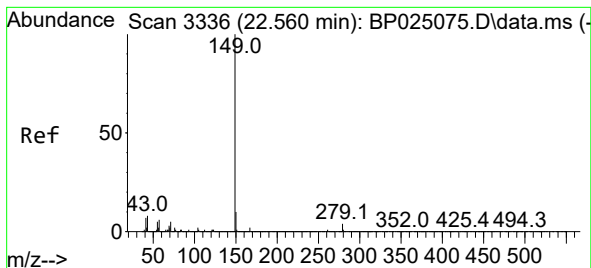
Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.644 ng

RT: 22.530 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

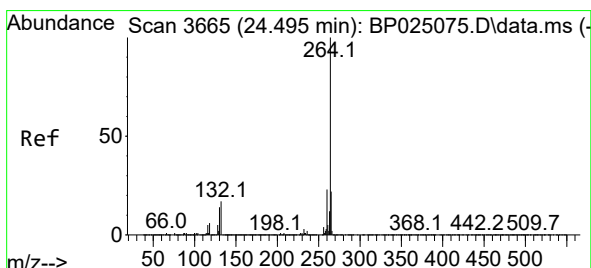
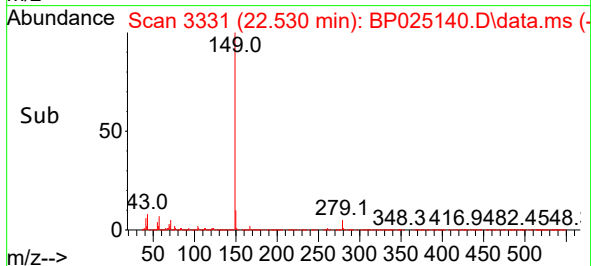
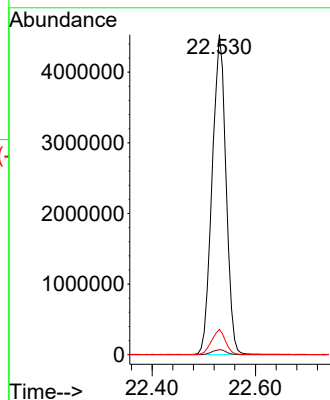
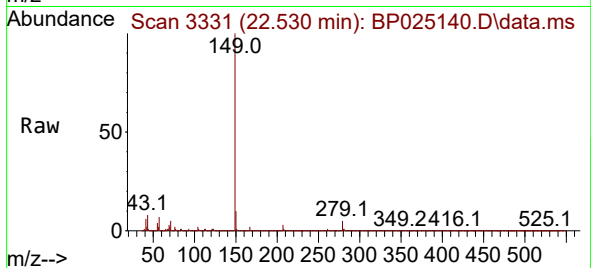
Tgt Ion:149 Resp: 8420149

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. -0.024 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

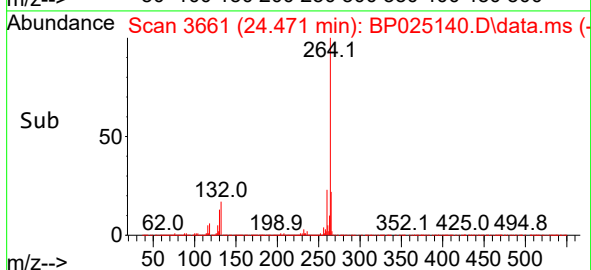
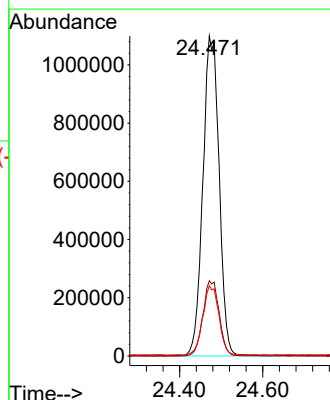
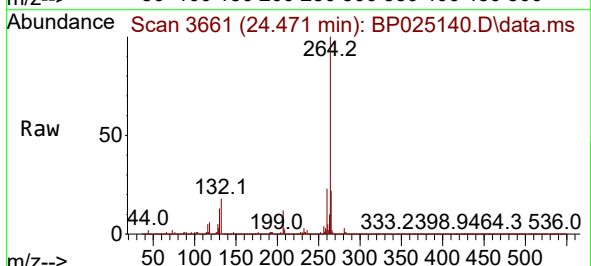
Tgt Ion:264 Resp: 2985173

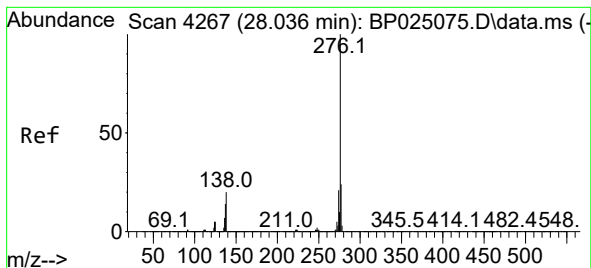
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.284 ng

RT: 28.012 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

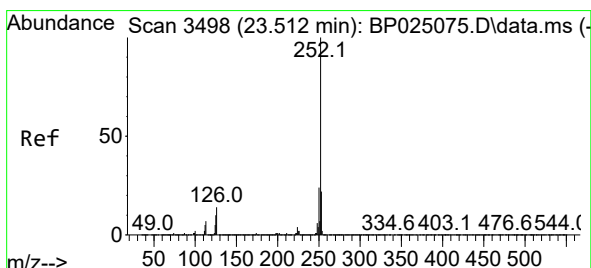
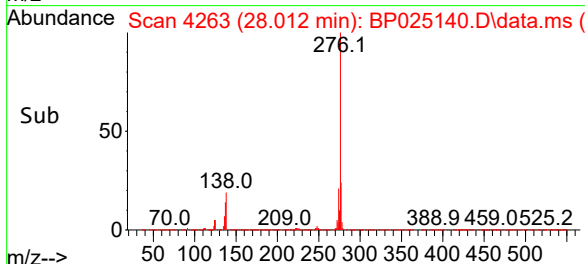
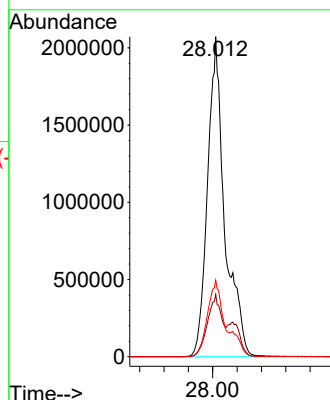
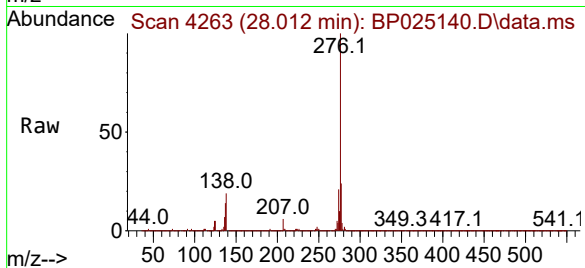
Tgt Ion:276 Resp:10133048

Ion Ratio Lower Upper

276 100

138 16.2 13.0 19.6

277 25.4 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 46.003 ng

RT: 23.483 min Scan# 3493

Delta R.T. -0.029 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

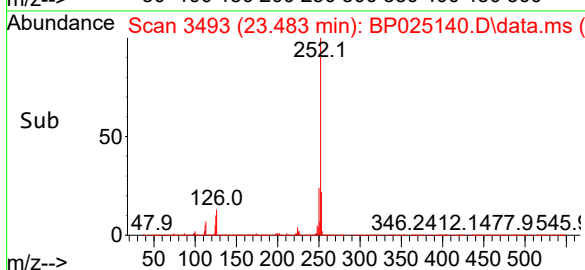
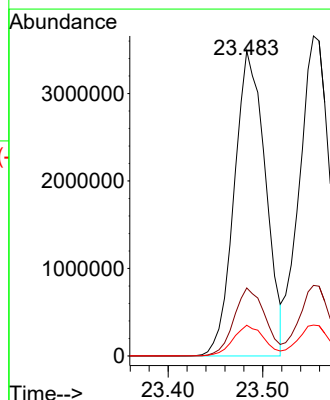
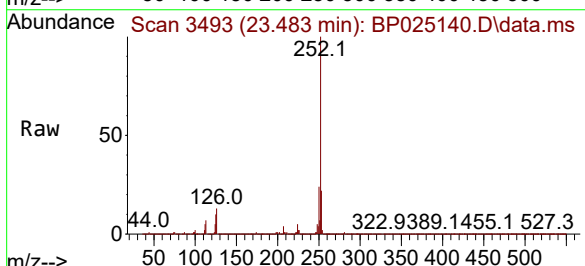
Tgt Ion:252 Resp: 7993085

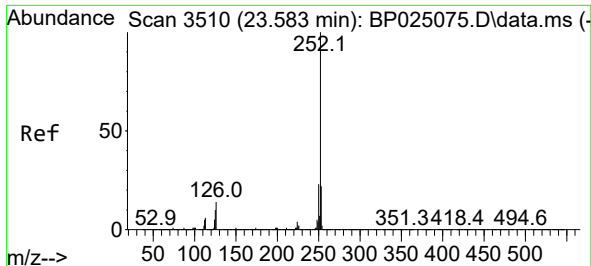
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.1 8.1 12.1

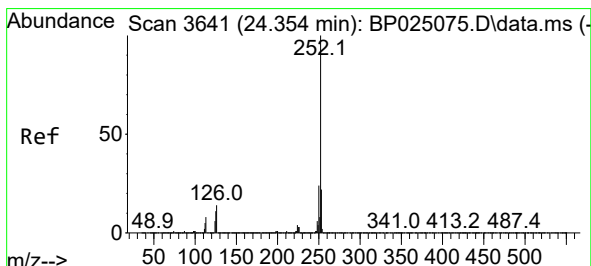
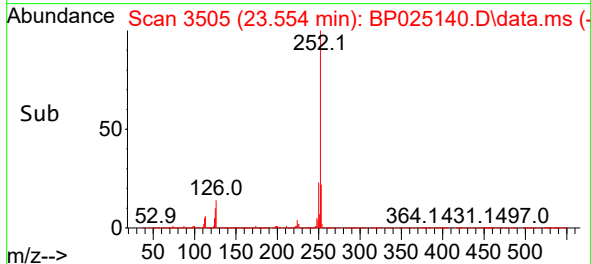
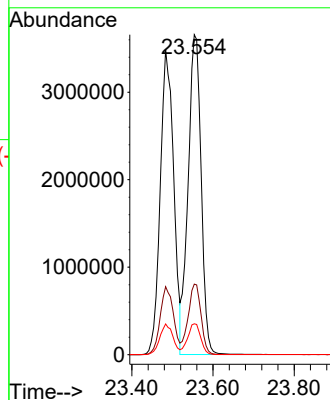
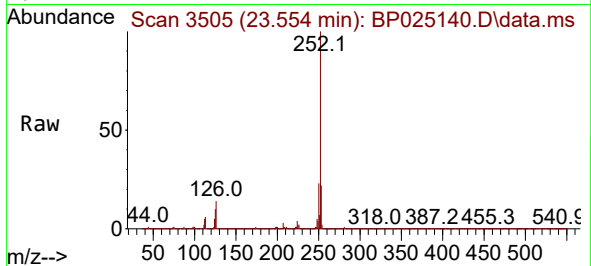




#89
Benzo(k)fluoranthene
Concen: 47.097 ng
RT: 23.554 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

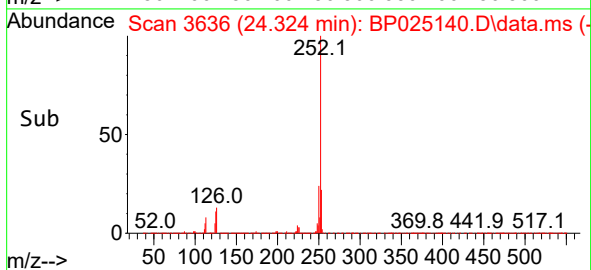
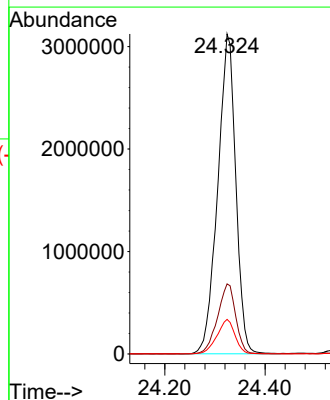
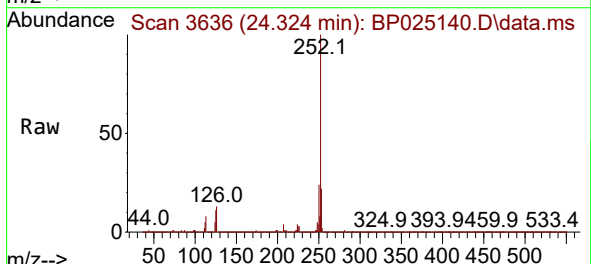
Instrument :
BNA_P
ClientSampleId :
PB168787BS

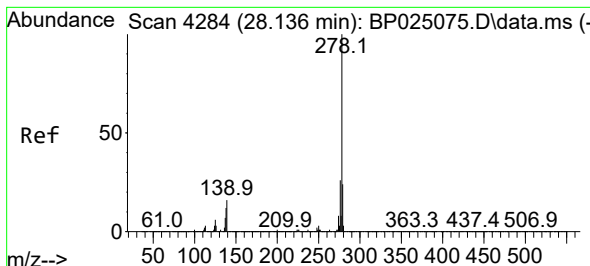
Tgt Ion:252 Resp: 8142182
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.7 8.2 12.2



#90
Benzo(a)pyrene
Concen: 52.806 ng
RT: 24.324 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:252 Resp: 7808984
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 52.671 ng

RT: 28.083 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB168787BS

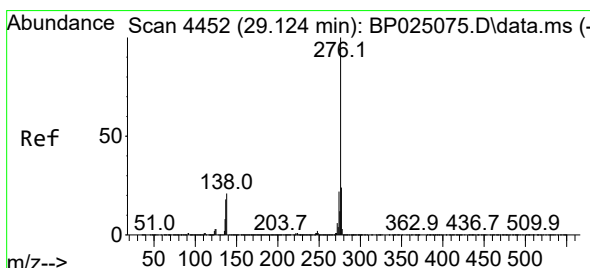
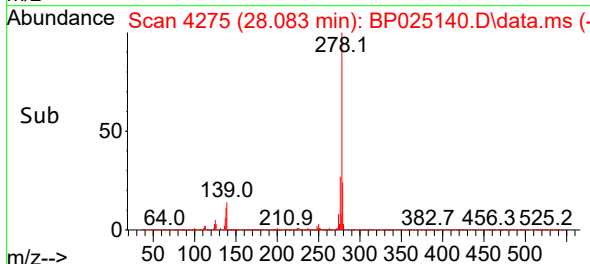
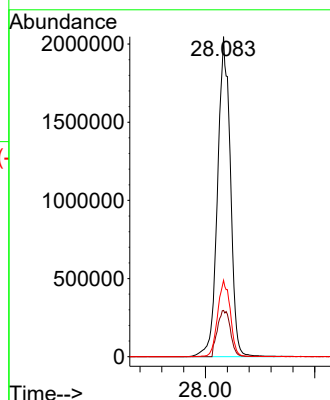
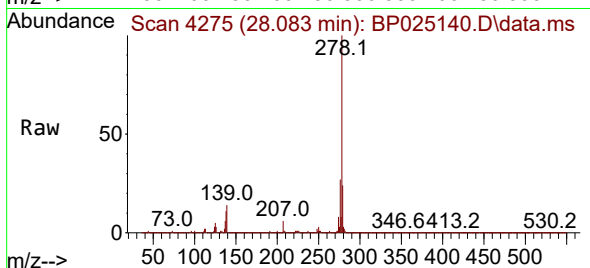
Tgt Ion:278 Resp: 8279761

Ion Ratio Lower Upper

278 100

139 14.5 13.1 19.7

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 50.428 ng

RT: 29.100 min Scan# 4448

Delta R.T. -0.024 min

Lab File: BP025140.D

Acq: 15 Jul 2025 10:58

Tgt Ion:276 Resp: 8188896

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 20.6 16.9 25.3

