

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025017.D
 Acq On : 20 Jun 2025 14:13
 Operator : RC/JU
 Sample : PB168556BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168556BS

Quant Time: Jun 20 14:41:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	282027	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1118467	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	710318	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1392852	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1420178	20.000	ng	0.01
86) Perylene-d12	24.771	264	1651105	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2463999	145.834	ng	0.00
7) Phenol-d6	6.813	99	3097167	138.544	ng	0.00
23) Nitrobenzene-d5	8.760	82	1834552	79.704	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1504063	153.155	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4347345	82.448	ng	0.00
79) Terphenyl-d14	19.777	244	6942137	87.609	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	257599	34.650	ng	99
3) Pyridine	3.561	79	692940	38.757	ng	99
4) n-Nitrosodimethylamine	3.478	42	311050	42.555	ng	94
6) Aniline	6.949	93	870008	30.496	ng	100
8) 2-Chlorophenol	7.184	128	941966	49.179	ng	99
9) Benzaldehyde	6.766	77	584605	45.370	ng	98
10) Phenol	6.843	94	1118929	48.553	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	823265	45.419	ng	98
12) 1,3-Dichlorobenzene	7.496	146	967229	45.267	ng	98
13) 1,4-Dichlorobenzene	7.637	146	983362	45.611	ng	99
14) 1,2-Dichlorobenzene	7.949	146	949848	44.865	ng	100
15) Benzyl Alcohol	7.860	79	790546	46.077	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1006624	42.431	ng	98
17) 2-Methylphenol	8.072	107	765675	47.578	ng	98
18) Hexachloroethane	8.660	117	356965	43.977	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	632529	41.621	ng	99
20) 3+4-Methylphenols	8.402	107	1024001	46.639	ng	97
22) Acetophenone	8.425	105	1292168	45.727	ng	100
24) Nitrobenzene	8.802	77	928543	45.410	ng	98
25) Isophorone	9.319	82	1768736	44.339	ng	98
26) 2-Nitrophenol	9.507	139	505053	50.059	ng	97
27) 2,4-Dimethylphenol	9.578	122	855158	49.526	ng	97
28) bis(2-Chloroethoxy)met...	9.796	93	1089306	45.778	ng	# 98
29) 2,4-Dichlorophenol	10.060	162	865212	52.223	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	878022	46.986	ng	98
31) Naphthalene	10.425	128	2685678	46.856	ng	99
32) Benzoic acid	9.796	122	619771	53.116	ng	96
33) 4-Chloroaniline	10.560	127	621243	25.870	ng	99
34) Hexachlorobutadiene	10.701	225	533203	47.342	ng	99
35) Caprolactam	11.366	113	294176	48.237	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	938915	49.133	ng	99
37) 2-Methylnaphthalene	12.043	142	1721551	47.350	ng	99
38) 1-Methylnaphthalene	12.272	142	1820478	46.835	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	975285	48.388	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1045683	85.059	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	683807	50.518	ng	96

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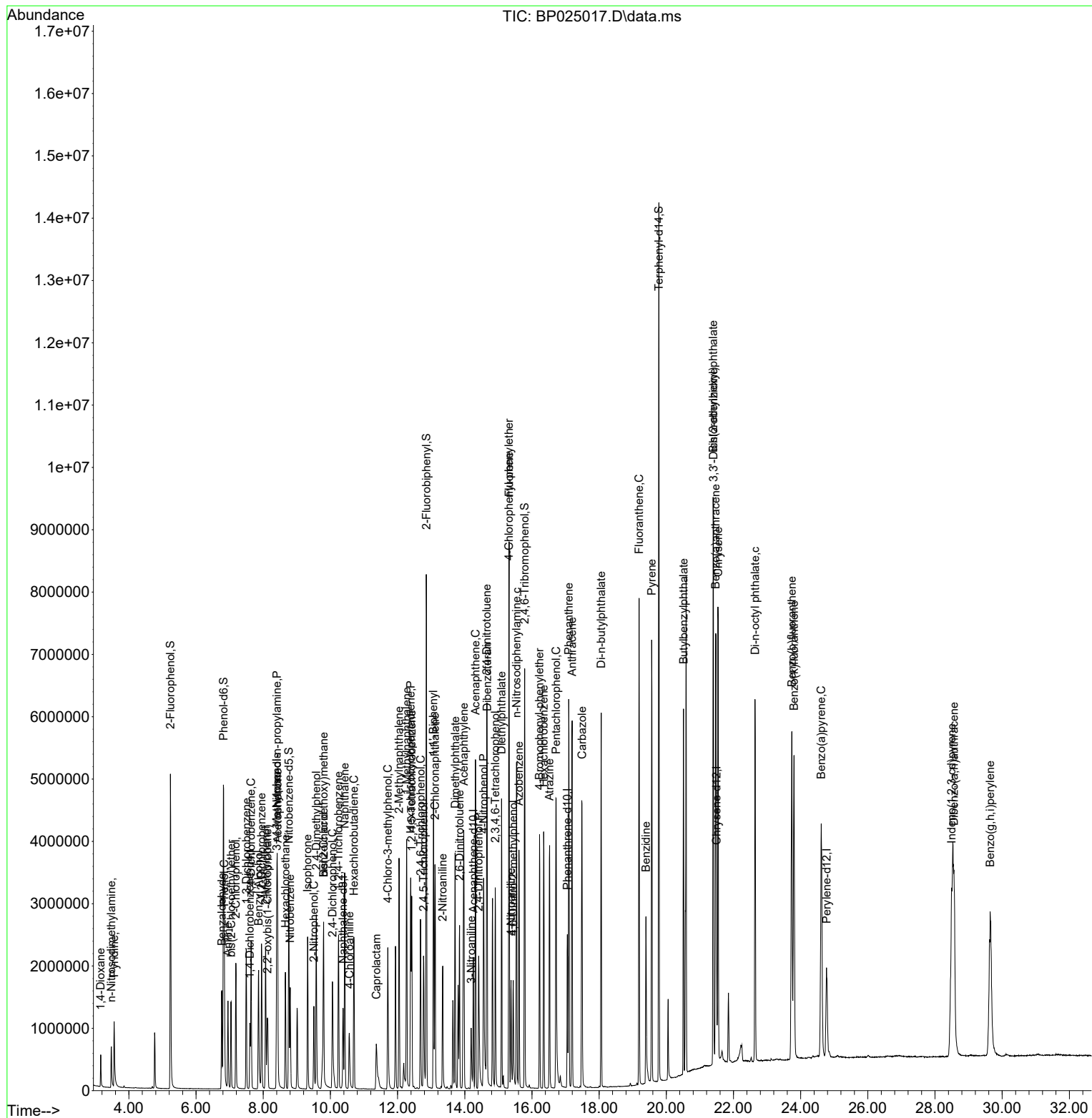
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44) 2,4,5-Trichlorophenol	12.772	196	752239	51.893	ng	97
46) 1,1'-Biphenyl	13.066	154	2448223	47.427	ng	99
47) 2-Chloronaphthalene	13.113	162	1888736	47.606	ng	99
48) 2-Nitroaniline	13.342	65	569526	46.693	ng	92
49) Acenaphthylene	13.972	152	3151248	47.636	ng	100
50) Dimethylphthalate	13.713	163	2478907	47.308	ng	100
51) 2,6-Dinitrotoluene	13.842	165	546540	48.383	ng	95
52) Acenaphthene	14.319	154	1784193	47.067	ng	100
53) 3-Nitroaniline	14.190	138	331846	28.308	ng	96
54) 2,4-Dinitrophenol	14.413	184	732583	98.233	ng	94
55) Dibenzofuran	14.666	168	2854888	46.918	ng	99
56) 4-Nitrophenol	14.560	139	783243	78.995	ng	98
57) 2,4-Dinitrotoluene	14.654	165	784061	49.620	ng	96
58) Fluorene	15.319	166	2339944	47.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	662977	51.188	ng	96
60) Diethylphthalate	15.095	149	2468521	47.270	ng	100
61) 4-Chlorophenyl-phenyle...	15.313	204	1147669	47.752	ng	98
62) 4-Nitroaniline	15.378	138	537109	50.532	ng	91
63) Azobenzene	15.613	77	2214842	46.244	ng	98
65) 4,6-Dinitro-2-methylph...	15.442	198	466737	50.997	ng	99
66) n-Nitrosodiphenylamine	15.542	169	2067674	47.894	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	773694	49.230	ng	99
68) Hexachlorobenzene	16.348	284	939819	49.329	ng	97
69) Atrazine	16.525	200	782258	49.983	ng	100
70) Pentachlorophenol	16.719	266	1144737	116.093	ng	98
71) Phenanthrene	17.095	178	3614538	46.960	ng	99
72) Anthracene	17.195	178	3720344	47.725	ng	100
73) Carbazole	17.489	167	3505760	48.519	ng	99
74) Di-n-butylphthalate	18.060	149	4262949	47.618	ng	100
75) Fluoranthene	19.189	202	4208830	47.177	ng	100
77) Benzidine	19.395	184	1968258	44.748	ng	99
78) Pyrene	19.566	202	4396166	49.548	ng	99
80) Butylbenzylphthalate	20.513	149	1991876	49.012	ng	96
81) Benzo(a)anthracene	21.471	228	4406047	48.508	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1249689	34.655	ng	99
83) Chrysene	21.542	228	4164349	48.386	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	2846234	48.881	ng	100
85) Di-n-octyl phthalate	22.642	149	4919656	47.934	ng	99
87) Indeno(1,2,3-cd)pyrene	28.495	276	6179696	51.297	ng	# 87
88) Benzo(b)fluoranthene	23.736	252	4681660	49.545	ng	99
89) Benzo(k)fluoranthene	23.801	252	4748312	49.366	ng	100
90) Benzo(a)pyrene	24.612	252	4614137	50.001	ng	100
91) Dibenzo(a,h)anthracene	28.565	278	5092914	51.938	ng	99
92) Benzo(g,h,i)perylene	29.642	276	4908796	50.454	ng	99

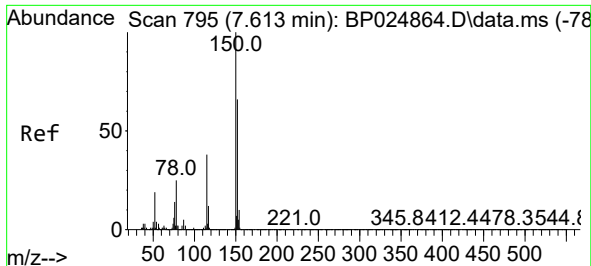
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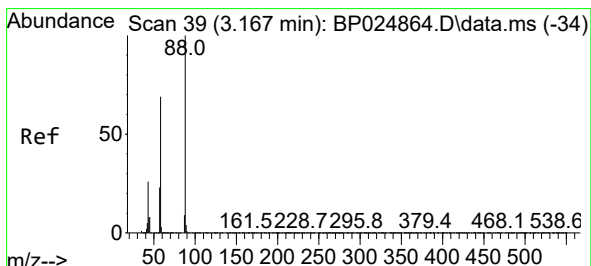
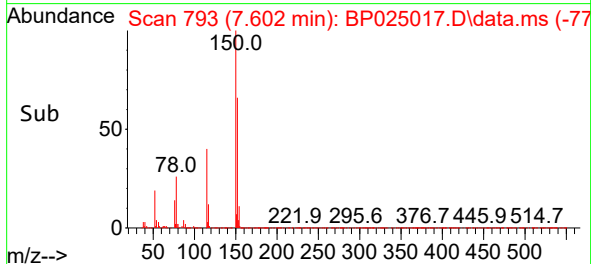
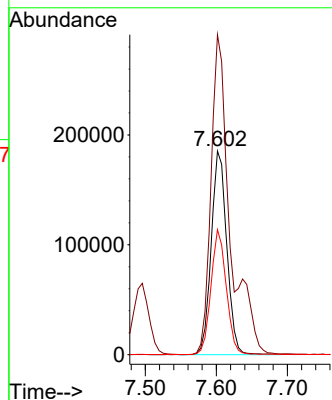
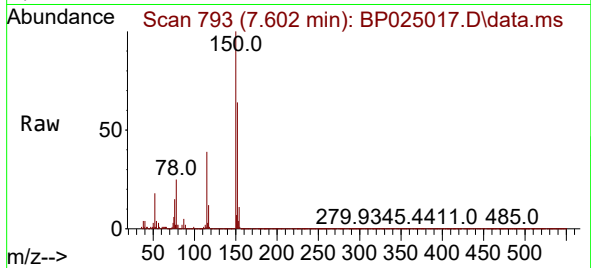




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025017.D
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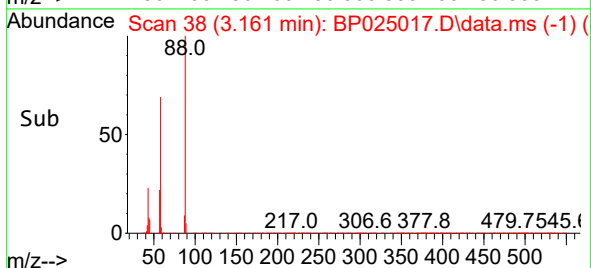
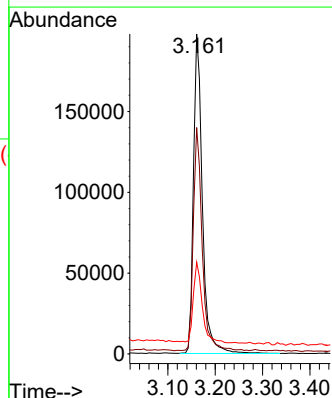
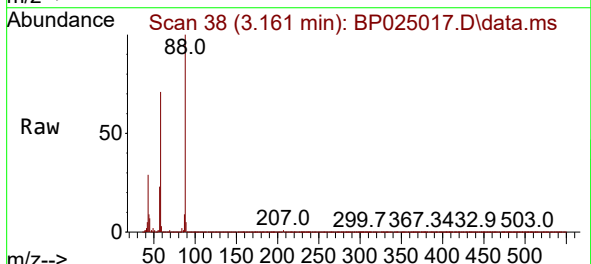
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ClientSampleId :
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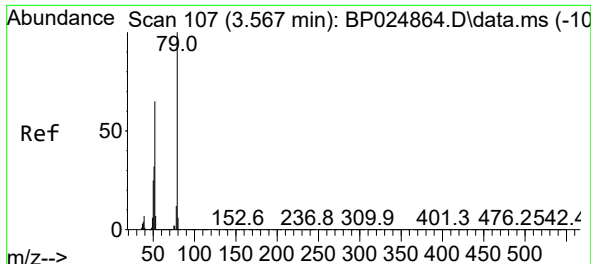
Tgt Ion:152 Resp: 282027
Ion Ratio Lower Upper
152 100
150 157.1 122.1 183.1
115 61.3 46.4 69.6



#2
1,4-Dioxane
Concen: 34.650 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP025017.D
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Tgt Ion: 88 Resp: 257599
Ion Ratio Lower Upper
88 100
58 69.0 55.4 83.0
43 25.0 20.8 31.2

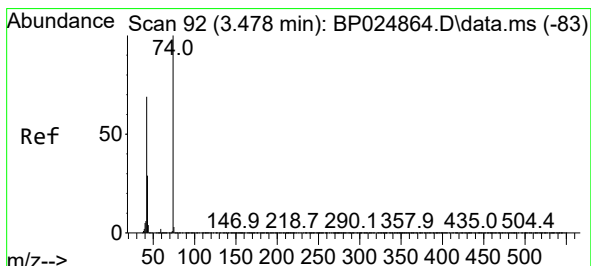
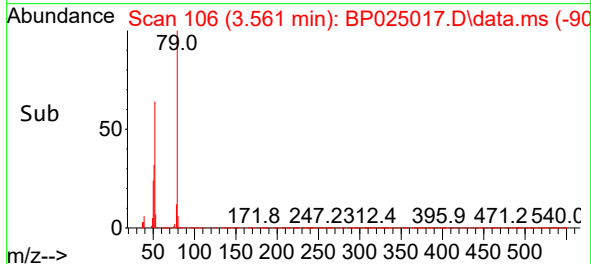
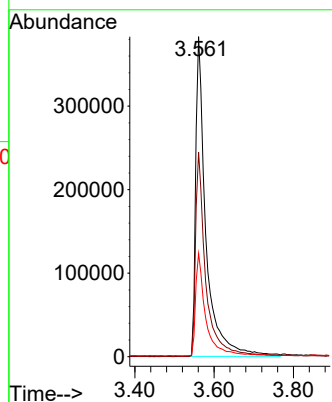
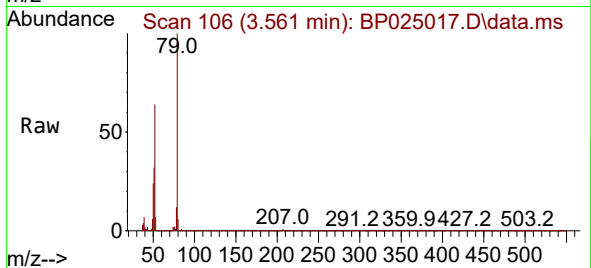




#3
Pyridine
Concen: 38.757 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

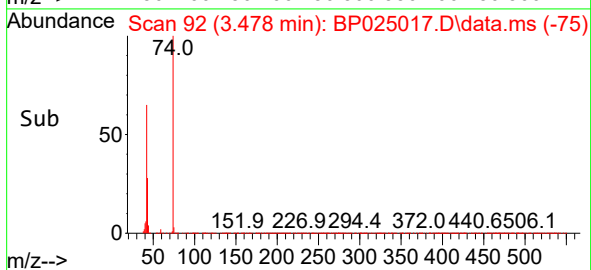
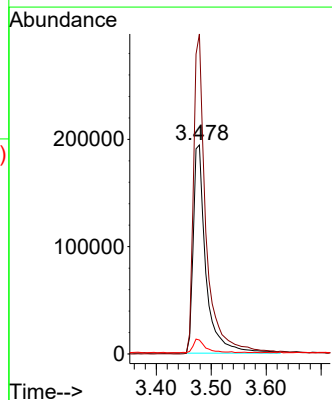
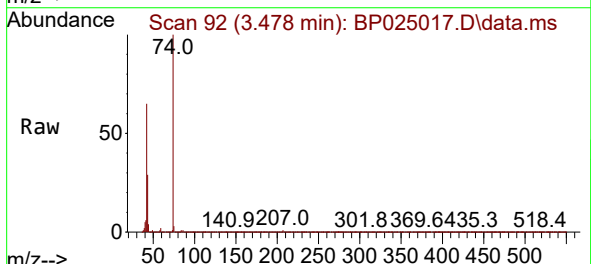
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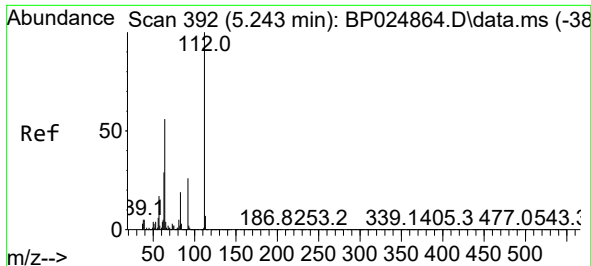
Tgt Ion: 79 Resp: 692940
Ion Ratio Lower Upper
79 100
52 63.9 51.6 77.4
51 32.2 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 42.555 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 42 Resp: 311050
Ion Ratio Lower Upper
42 100
74 153.1 116.6 174.8
44 6.6 5.4 8.0

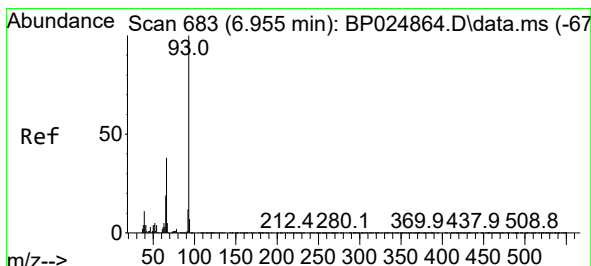
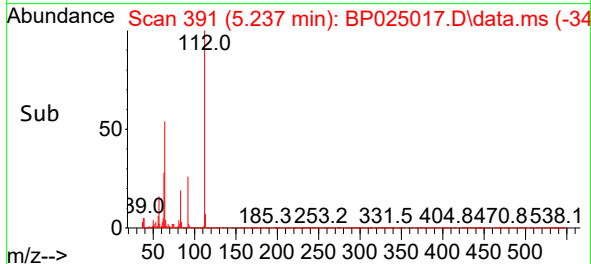
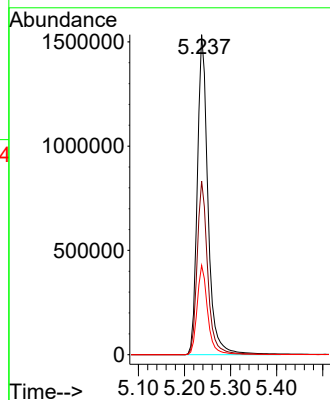
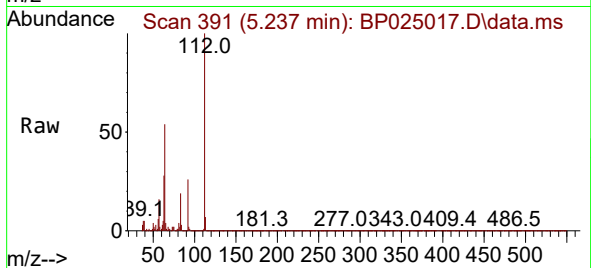




#5
2-Fluorophenol
Concen: 145.834 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

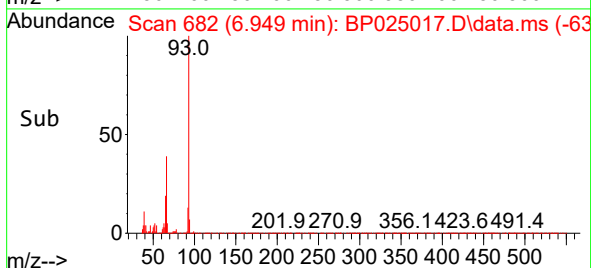
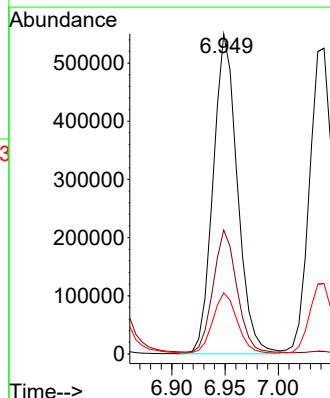
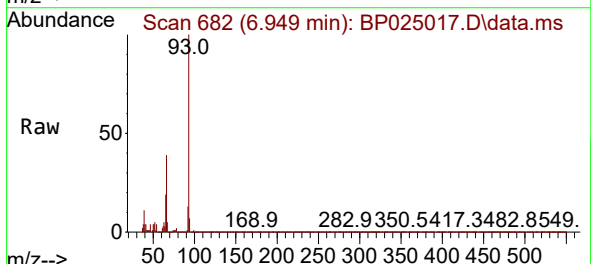
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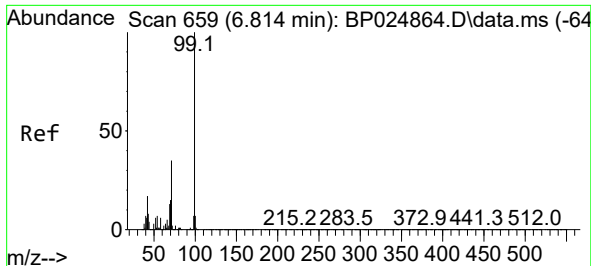
Tgt Ion:112 Resp: 2463999
Ion Ratio Lower Upper
112 100
64 54.2 44.7 67.1
63 27.9 23.5 35.3



#6
Aniline
Concen: 30.496 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 93 Resp: 870008
Ion Ratio Lower Upper
93 100
66 38.8 30.9 46.3
65 19.1 15.5 23.3

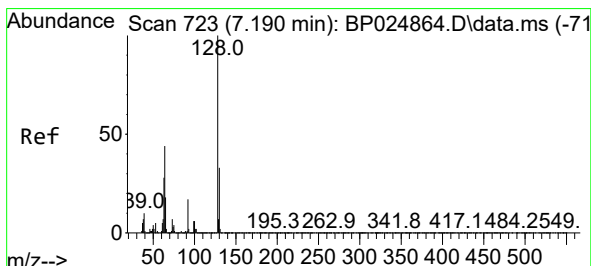
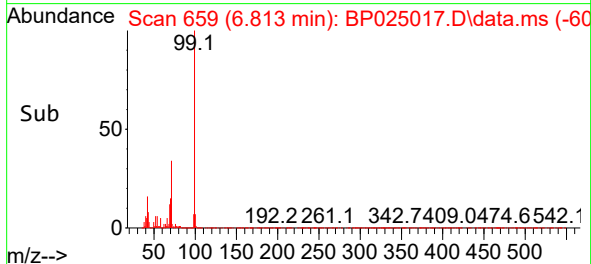
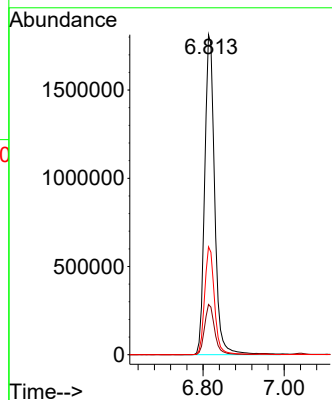
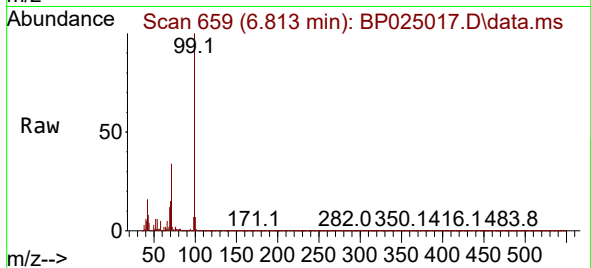




#7
Phenol-d6
Concen: 138.544 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025017.D
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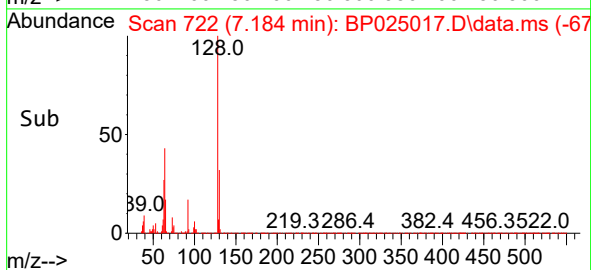
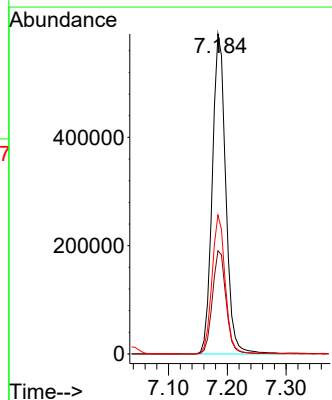
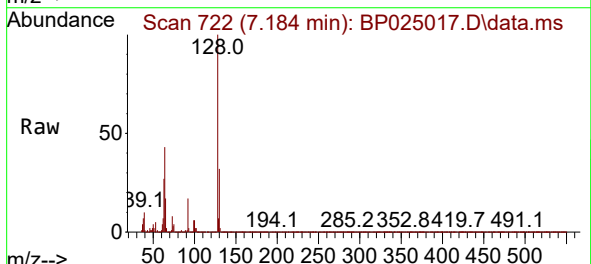
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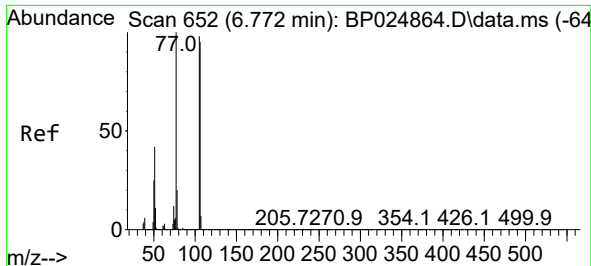
Tgt Ion: 99 Resp: 3097167
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 33.7 27.6 41.4



#8
2-Chlorophenol
Concen: 49.179 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 128 Resp: 941966
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 43.4 24.1 64.1

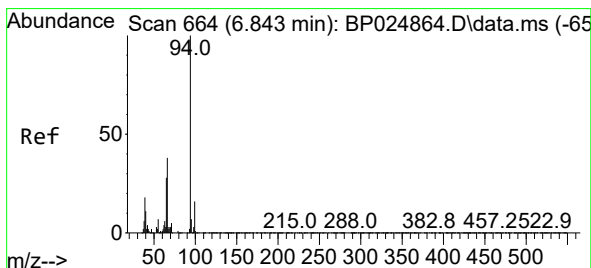
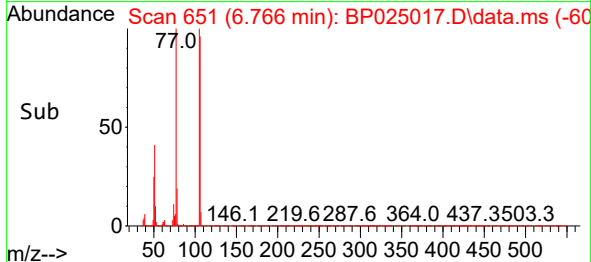
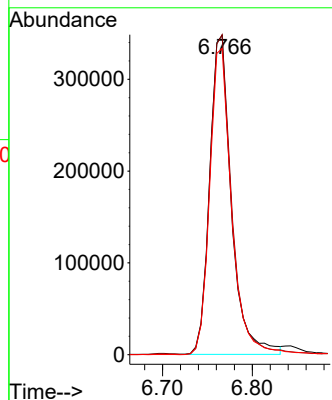
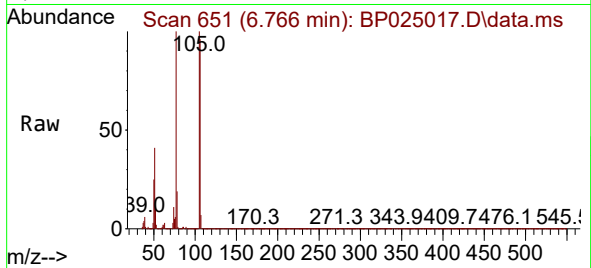




#9
Benzaldehyde
Concen: 45.370 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025017.D
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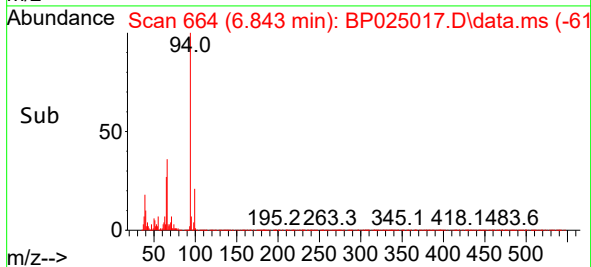
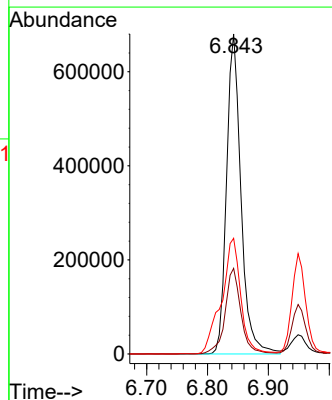
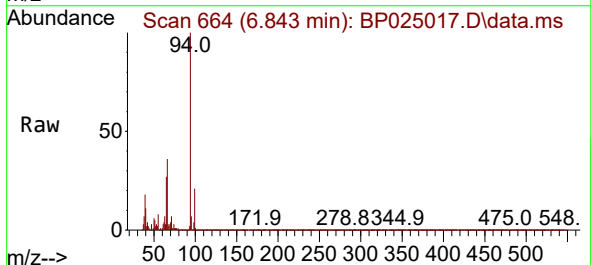
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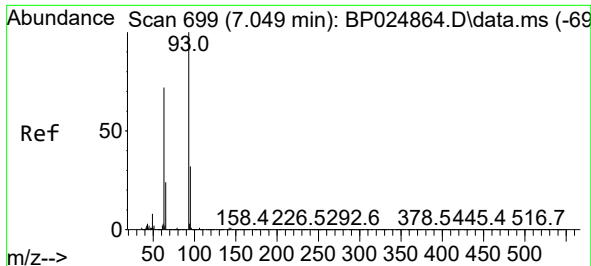
Tgt Ion: 77 Resp: 584605
Ion Ratio Lower Upper
77 100
105 100.2 77.7 117.7
106 95.9 74.8 114.8



#10
Phenol
Concen: 48.553 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 94 Resp: 1118929
Ion Ratio Lower Upper
94 100
65 26.7 8.3 48.3
66 36.1 18.2 58.2



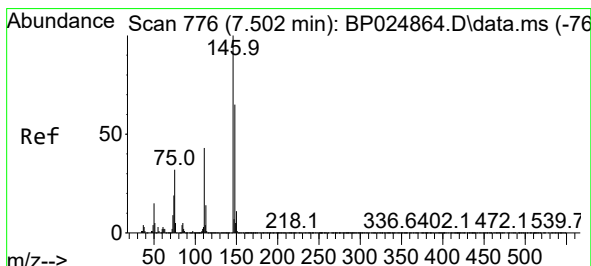
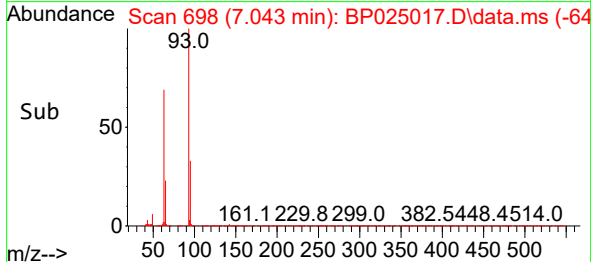
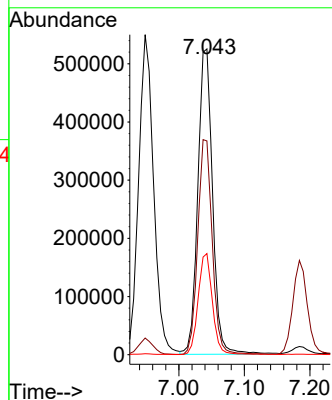
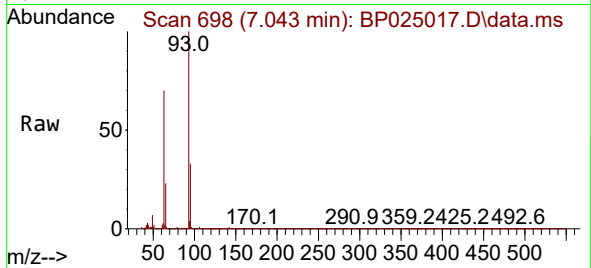


#11
 bis(2-Chloroethyl)ether
 Concen: 45.419 ng
 RT: 7.043 min Scan# 699
 Delta R.T. -0.006 min
 Lab File: BP025017.D
 Acq: 20 Jun 2025 14:13

Instrument :
 BNA_P
 ClientSampleId :
 PB168556BS

Tgt Ion: 93 Resp: 823265

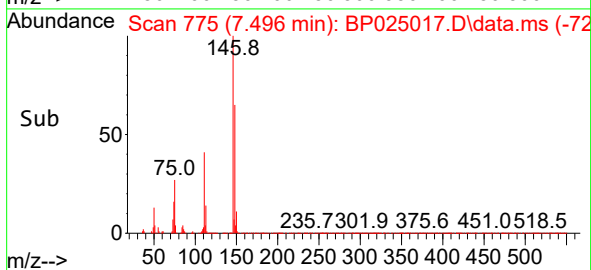
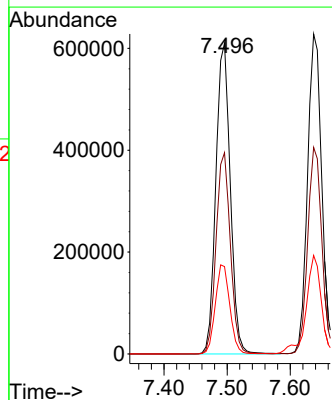
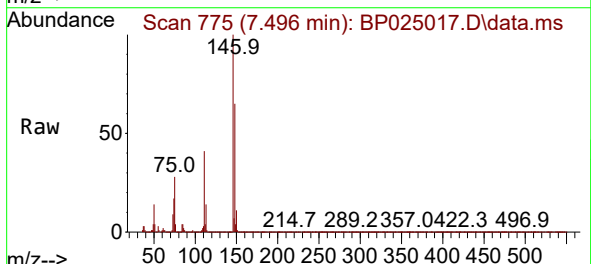
Ion	Ratio	Lower	Upper
93	100		
63	69.9	51.6	91.6
95	33.1	12.1	52.1

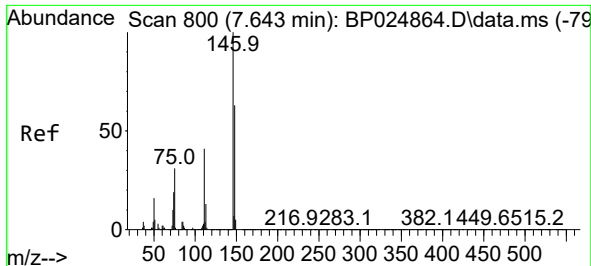


#12
 1,3-Dichlorobenzene
 Concen: 45.267 ng
 RT: 7.496 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: BP025017.D
 Acq: 20 Jun 2025 14:13

Tgt Ion: 146 Resp: 967229

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	28.1	25.3	37.9

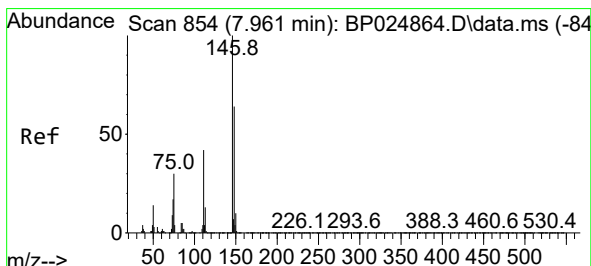
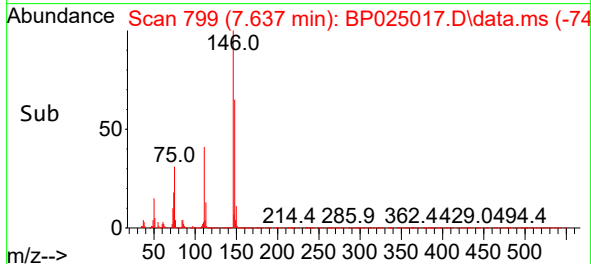
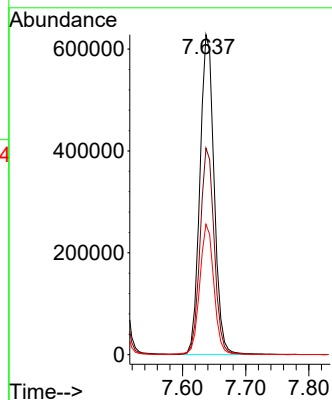
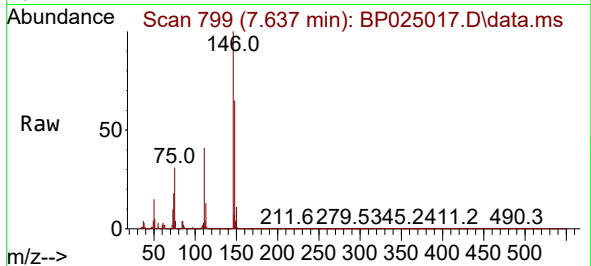




#13
1,4-Dichlorobenzene
Concen: 45.611 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

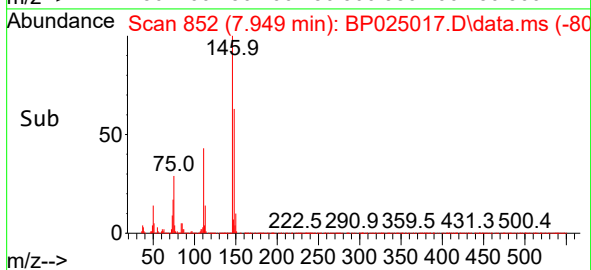
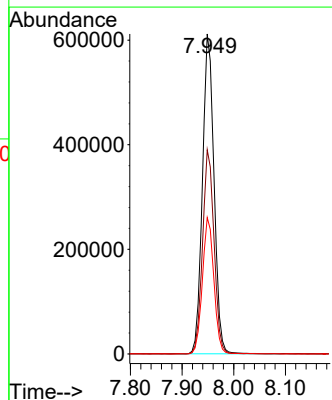
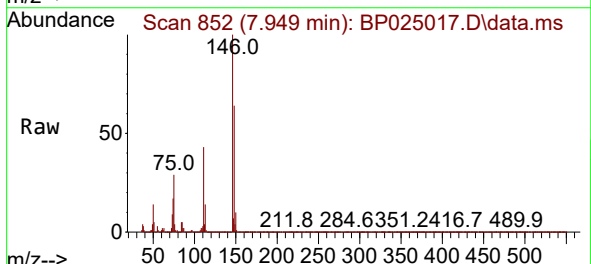
Instrument :
BNA_P
ClientSampleId :
PB168556BS

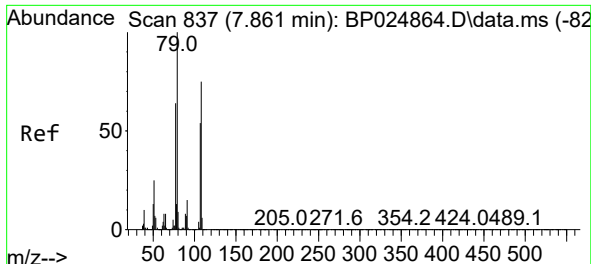
Tgt Ion:146 Resp: 983362
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
111 40.8 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 44.865 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:146 Resp: 949848
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 42.6 33.8 50.8

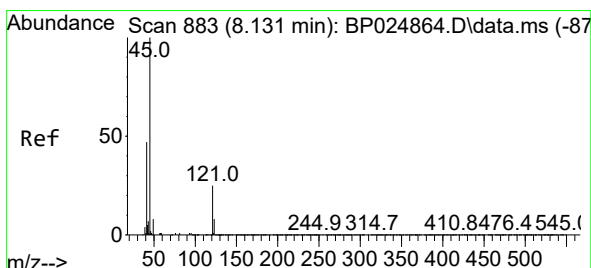
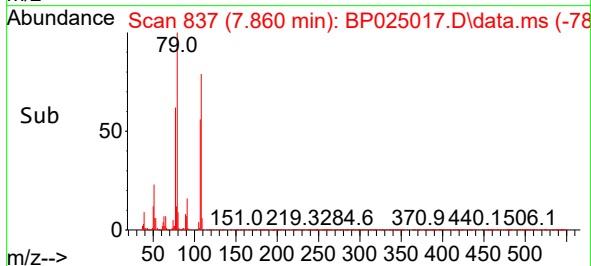
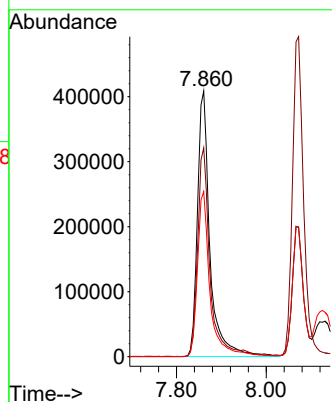
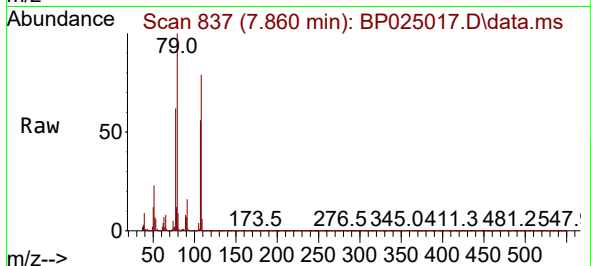




#15
Benzyl Alcohol
Concen: 46.077 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

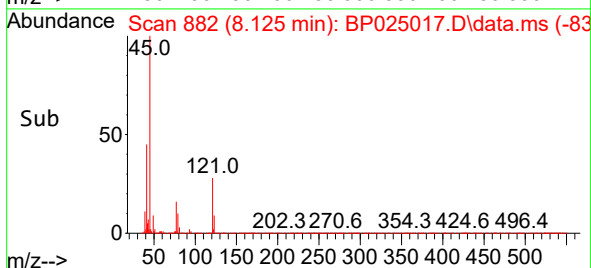
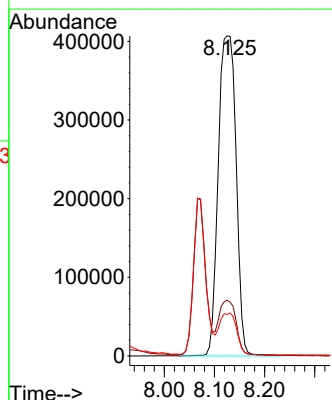
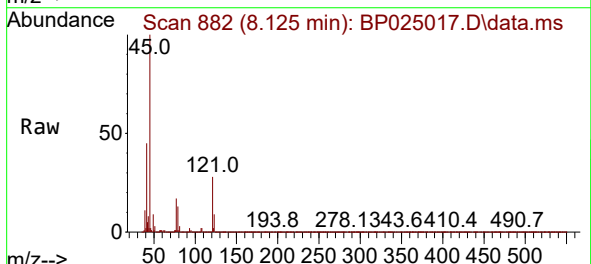
Instrument :
BNA_P
ClientSampleId :
PB168556BS

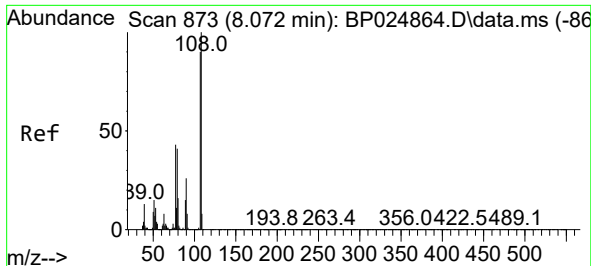
Tgt Ion: 79 Resp: 790546
Ion Ratio Lower Upper
79 100
108 78.6 60.2 90.4
77 62.2 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.431 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 45 Resp: 1006624
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.3
79 13.0 0.0 32.2

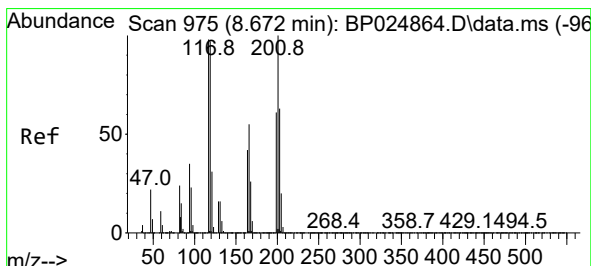
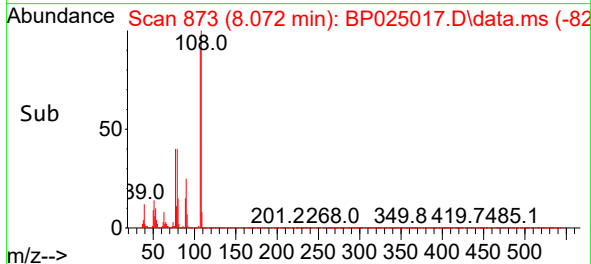
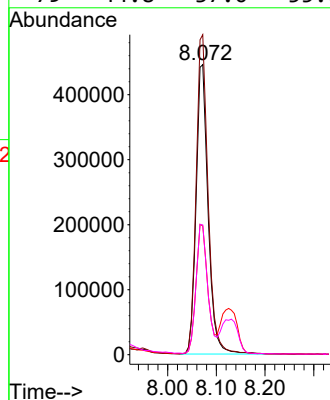
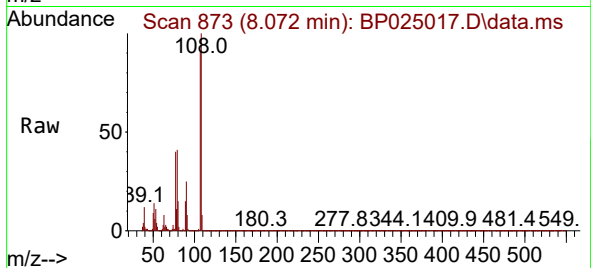




#17
2-Methylphenol
Concen: 47.578 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

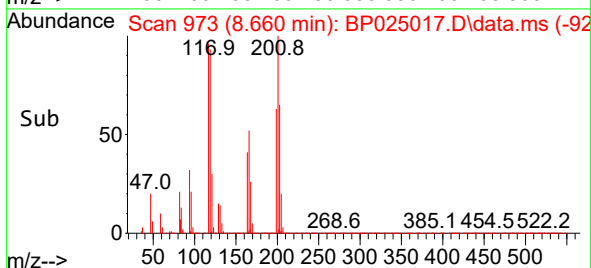
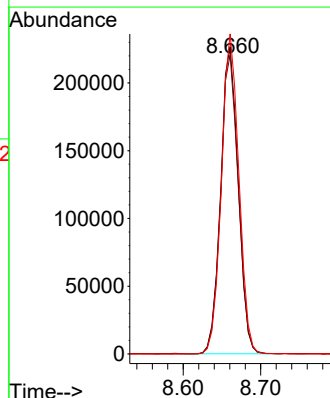
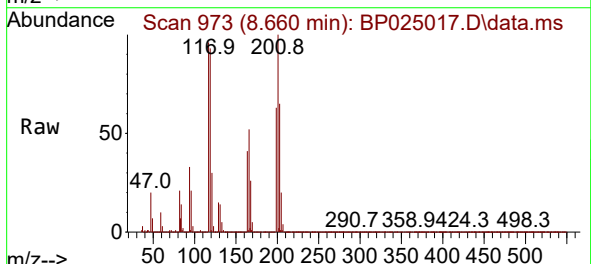
Instrument :
BNA_P
ClientSampleId :
PB168556BS

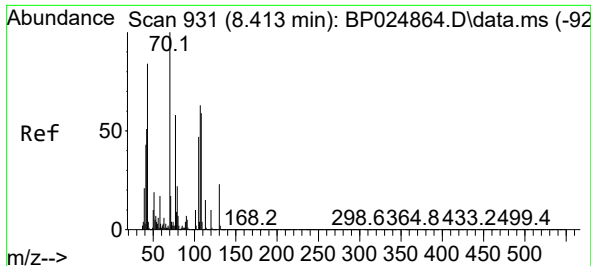
Tgt Ion:	107	Resp:	765675
Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.6	132.8
77	44.4	38.5	57.7
79	44.8	37.0	55.6



#18
Hexachloroethane
Concen: 43.977 ng
RT: 8.660 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:	117	Resp:	356965
Ion	Ratio	Lower	Upper
117	100		
119	97.4	79.4	119.2
201	104.2	81.4	122.2



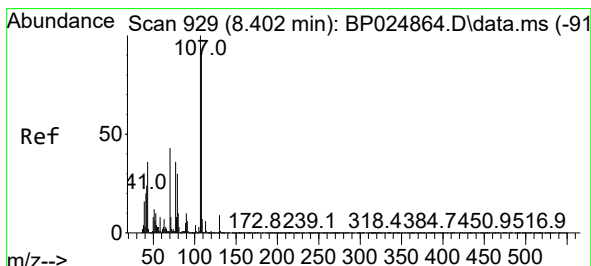
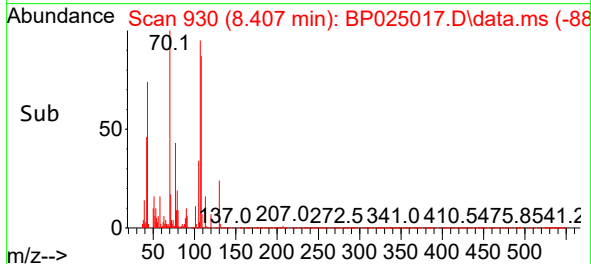
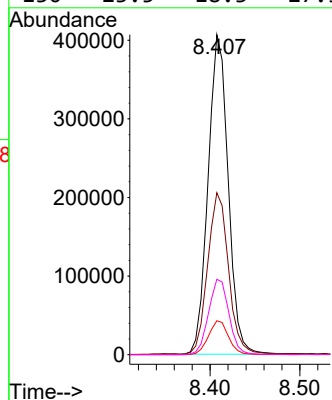
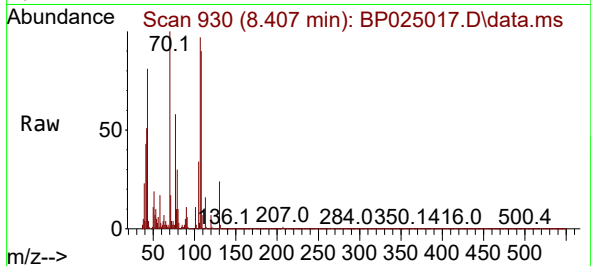


#19
n-Nitroso-di-n-propylamine
Concen: 41.621 ng
RT: 8.407 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB168556BS

Tgt Ion: 70 Resp: 632529

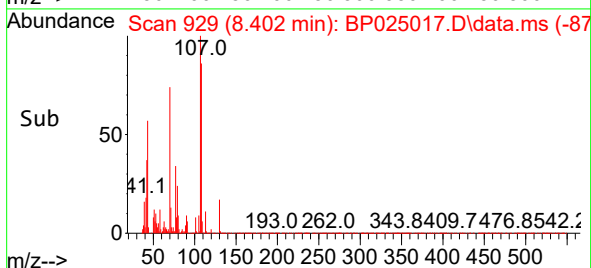
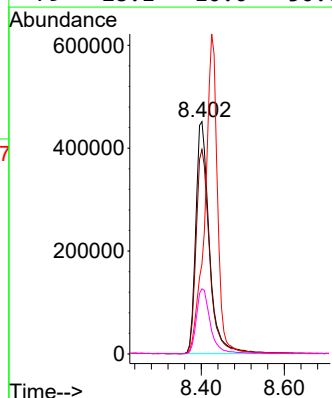
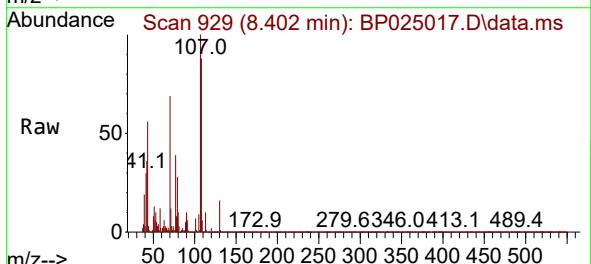
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.2	61.8
101	10.6	8.3	12.5
130	23.5	18.3	27.5

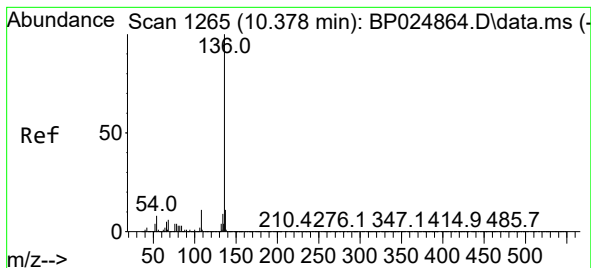


#20
3+4-Methylphenols
Concen: 46.639 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 107 Resp: 1024001

Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.7	110.7
77	38.7	16.6	56.6
79	28.1	10.0	50.0

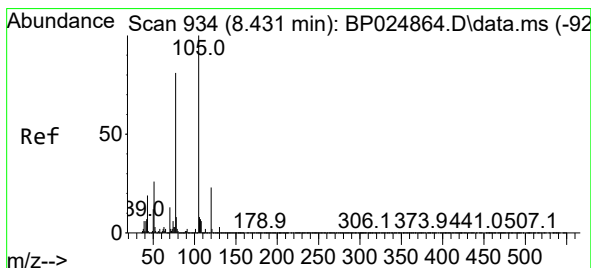
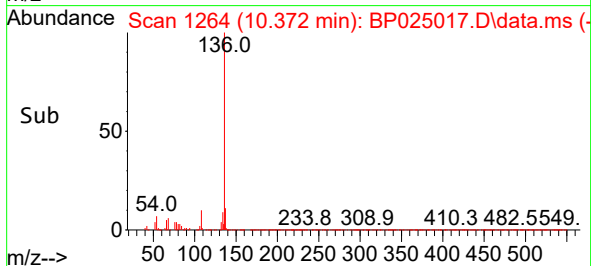
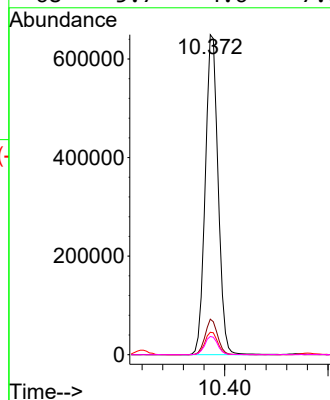
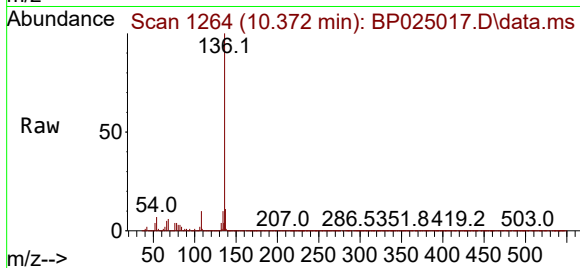




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

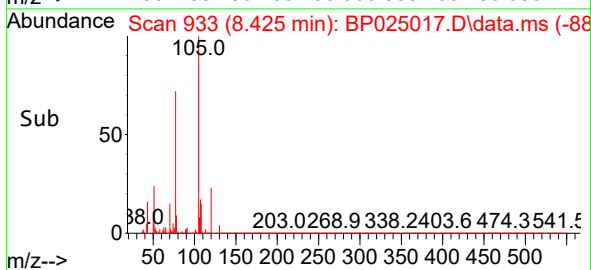
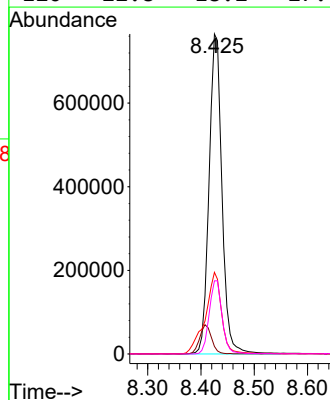
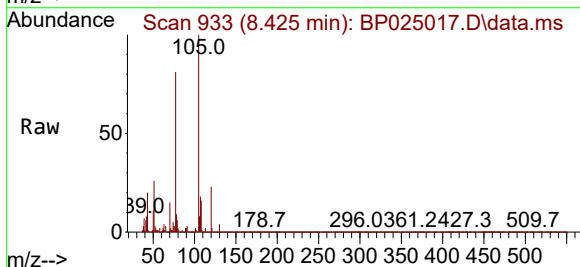
Instrument :
BNA_P
ClientSampleId :
PB168556BS

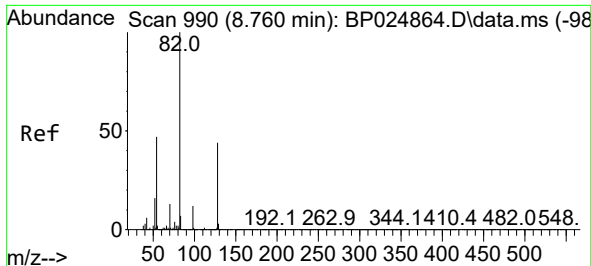
Tgt Ion:136 Resp: 1118467
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.0 6.1 9.1
68 5.7 4.6 7.0



#22
Acetophenone
Concen: 45.727 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:105 Resp: 1292168
Ion Ratio Lower Upper
105 100
71 2.4 1.6 2.4
51 25.5 20.6 31.0
120 22.8 18.2 27.4

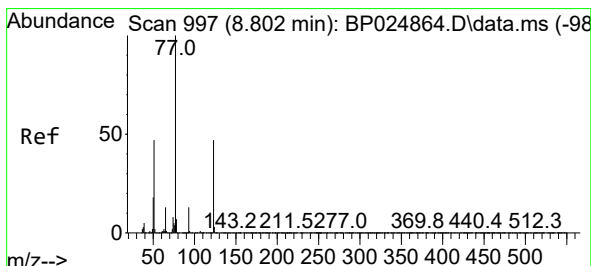
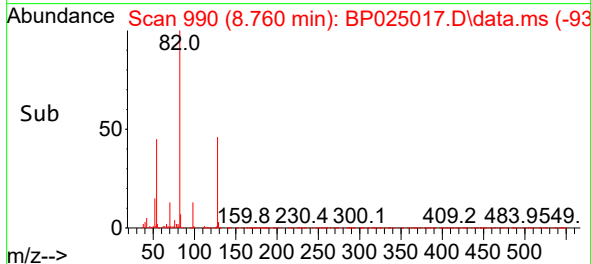
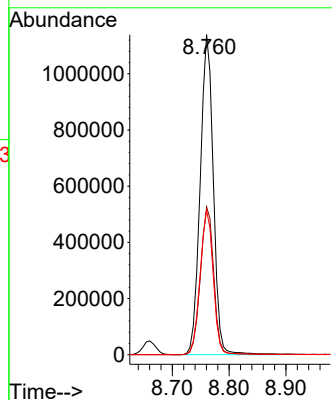
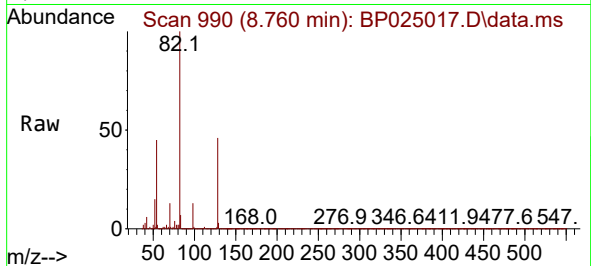




#23
Nitrobenzene-d5
Concen: 79.704 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

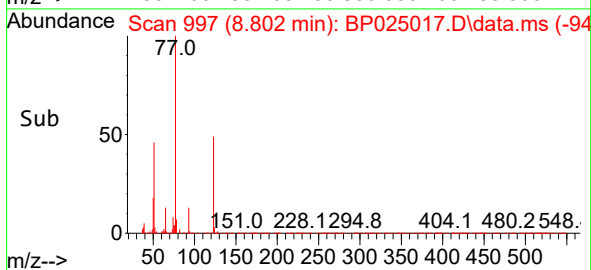
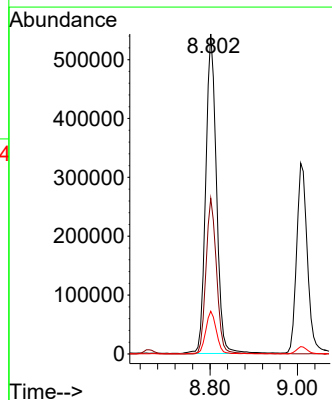
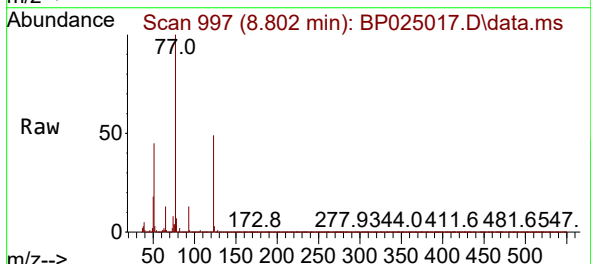
Instrument :
BNA_P
ClientSampleId :
PB168556BS

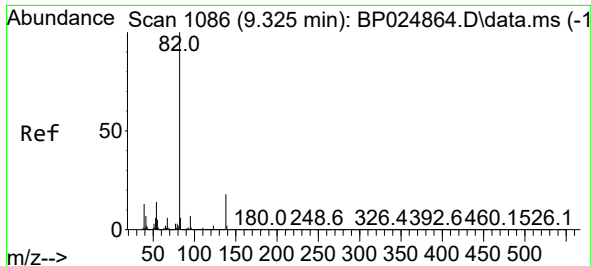
Tgt Ion: 82 Resp: 1834552
Ion Ratio Lower Upper
82 100
128 46.2 35.3 52.9
54 45.1 37.4 56.0



#24
Nitrobenzene
Concen: 45.410 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 77 Resp: 928543
Ion Ratio Lower Upper
77 100
123 48.6 37.3 55.9
65 13.4 10.8 16.2

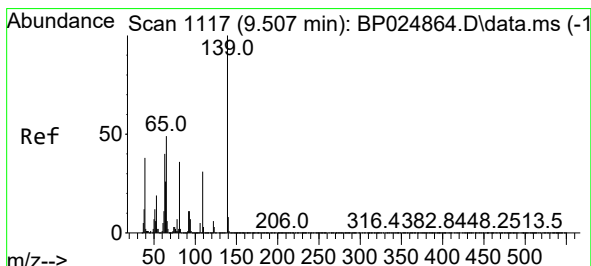
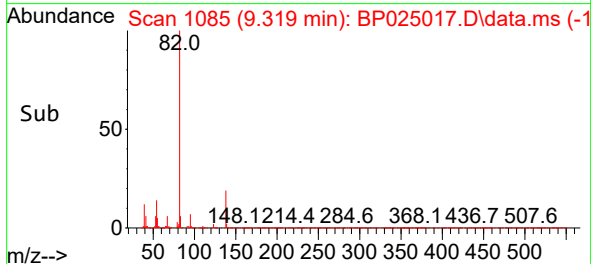
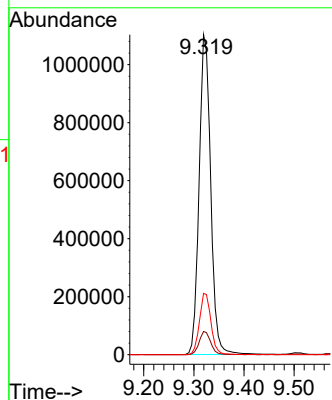
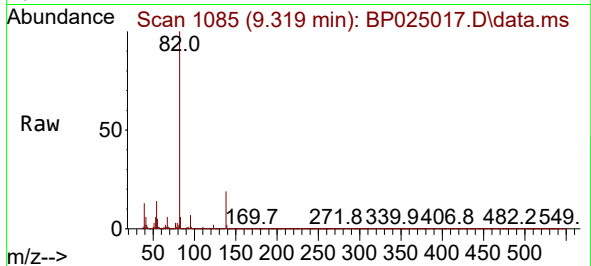




#25
Isophorone
Concen: 44.339 ng
RT: 9.319 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

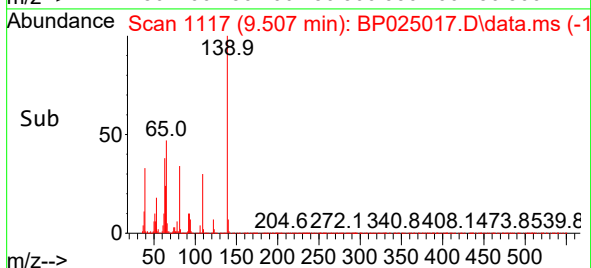
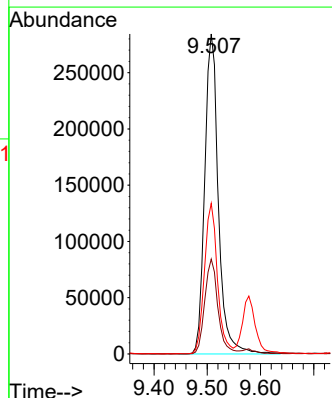
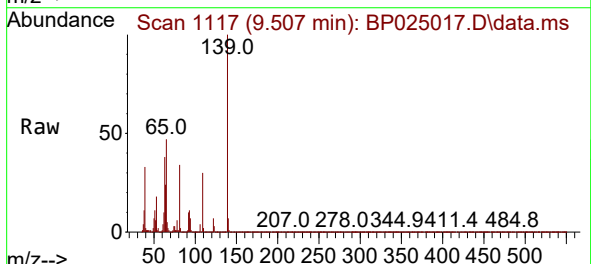
Instrument :
BNA_P
ClientSampleId :
PB168556BS

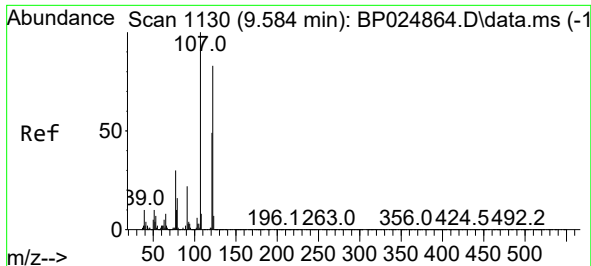
Tgt Ion: 82 Resp: 1768736
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.2 14.6 21.8



#26
2-Nitrophenol
Concen: 50.059 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 139 Resp: 505053
Ion Ratio Lower Upper
139 100
109 29.7 24.6 37.0
65 47.0 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 49.526 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

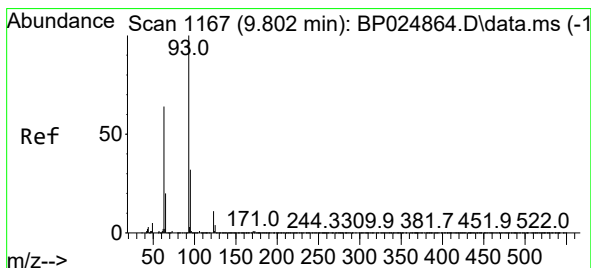
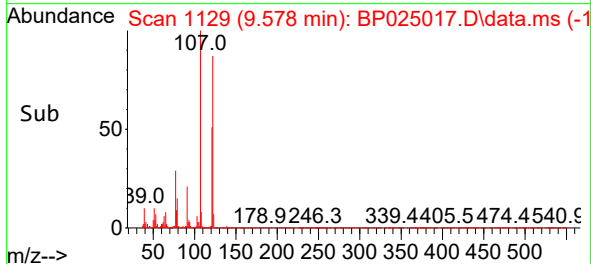
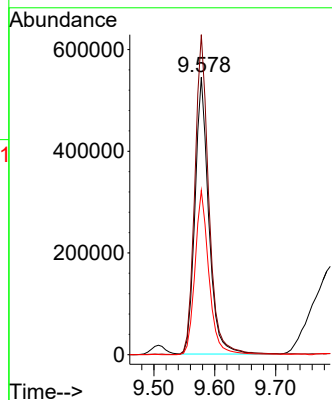
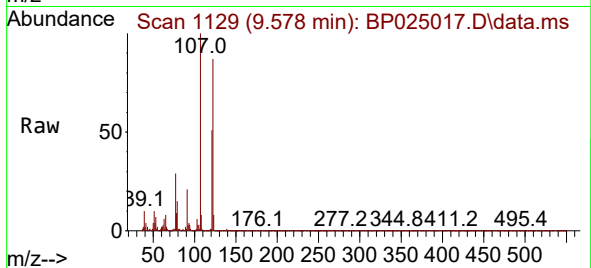
Tgt Ion:122 Resp: 855158

Ion Ratio Lower Upper

122 100

107 115.4 96.2 144.4

121 59.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.778 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

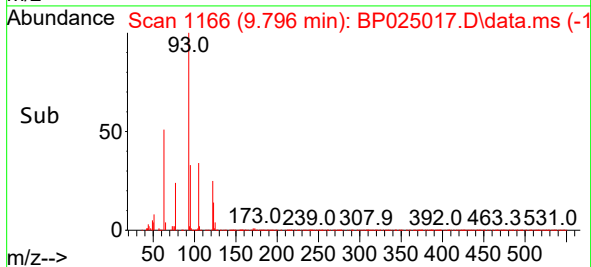
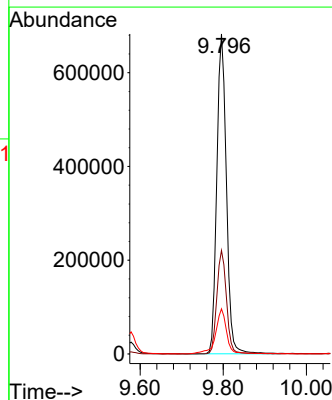
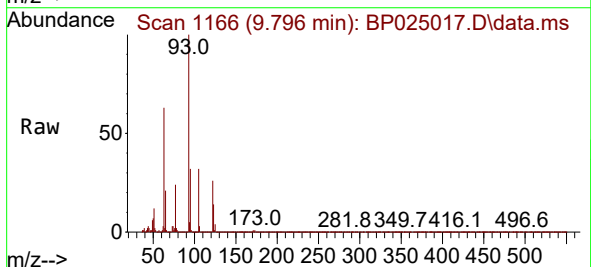
Tgt Ion: 93 Resp: 1089306

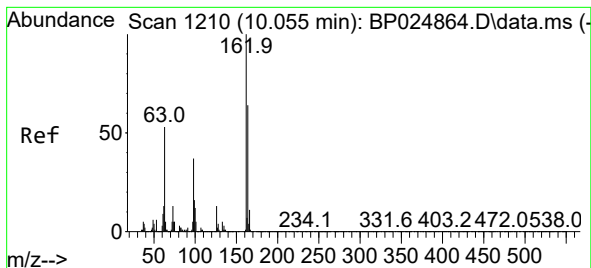
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 14.1 9.2 13.8#

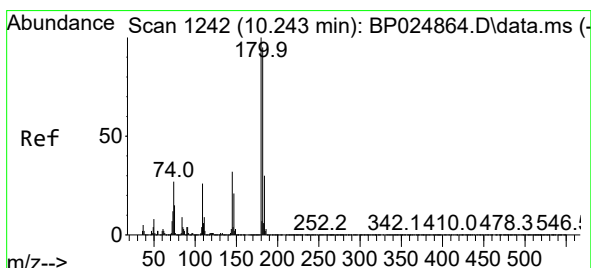
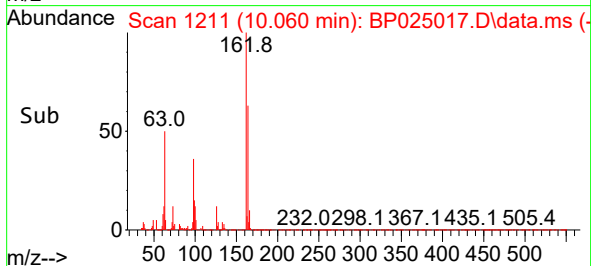
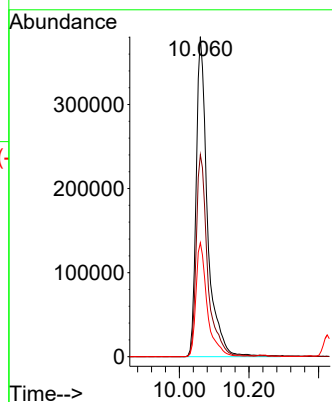
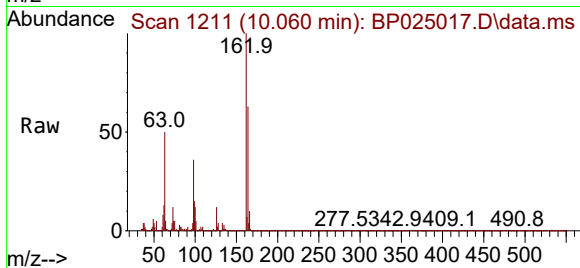




#29
2,4-Dichlorophenol
Concen: 52.223 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

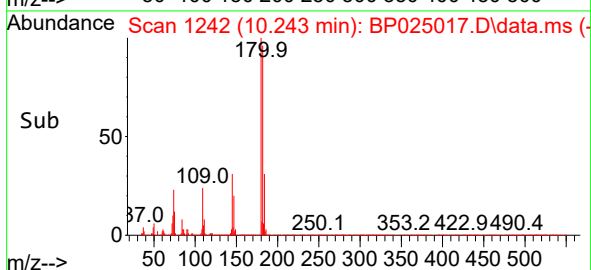
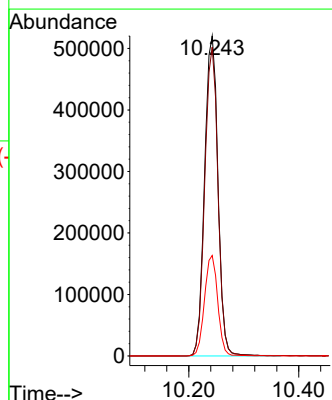
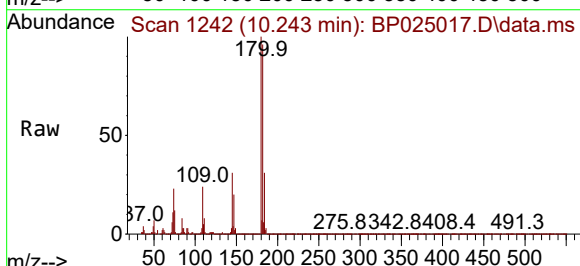
Instrument :
BNA_P
ClientSampleId :
PB168556BS

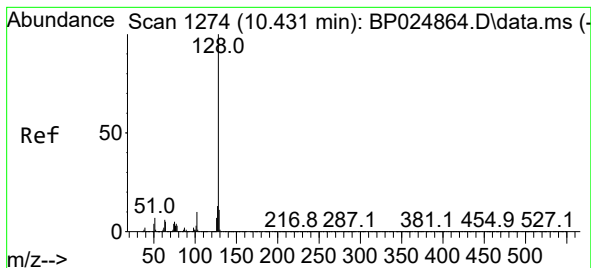
Tgt Ion:162 Resp: 865212
Ion Ratio Lower Upper
162 100
164 63.1 44.0 84.0
98 35.6 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 46.986 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:180 Resp: 878022
Ion Ratio Lower Upper
180 100
182 96.5 75.8 113.6
145 31.4 25.7 38.5

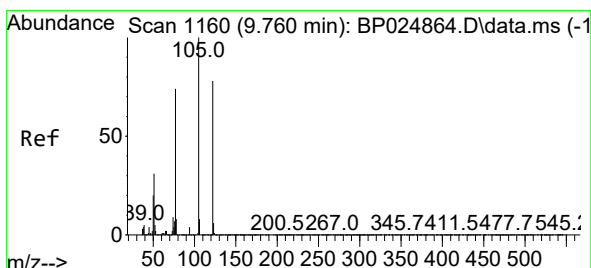
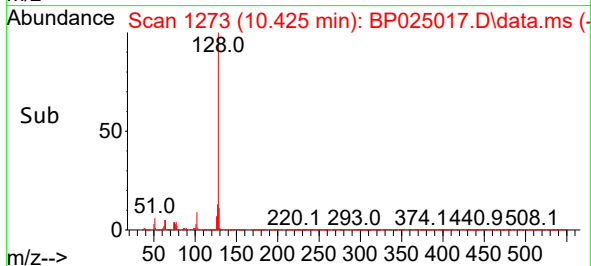
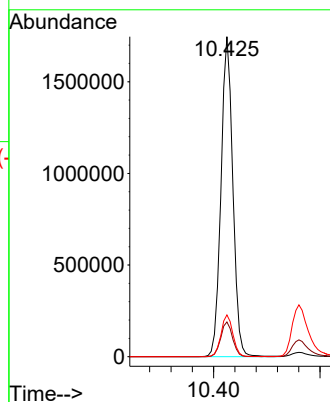
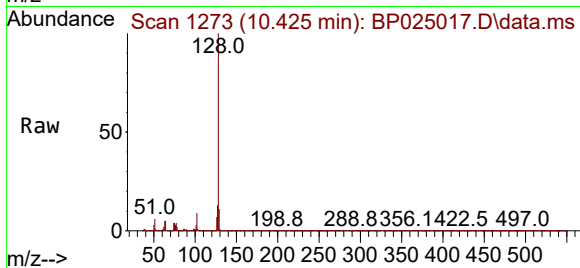




#31
Naphthalene
Concen: 46.856 ng
RT: 10.425 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

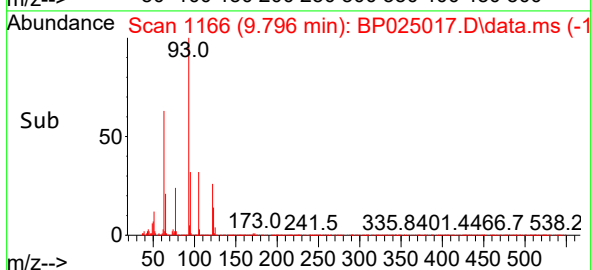
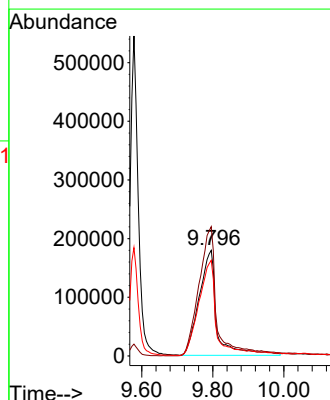
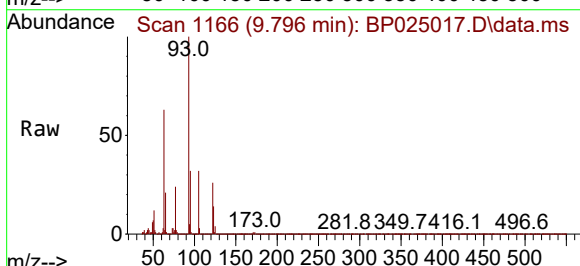
Instrument :
BNA_P
ClientSampleId :
PB168556BS

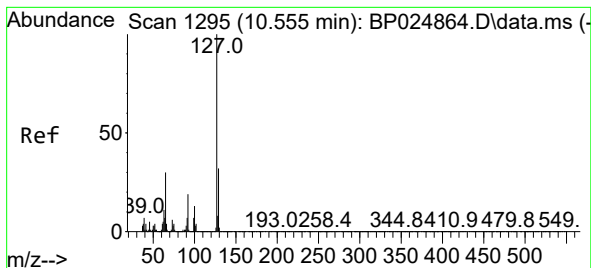
Tgt Ion:128 Resp: 2685678
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 53.116 ng
RT: 9.796 min Scan# 1166
Delta R.T. 0.035 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:122 Resp: 619771
Ion Ratio Lower Upper
122 100
105 122.4 107.1 147.1
77 90.6 75.1 115.1





#33

4-Chloroaniline

Concen: 25.870 ng

RT: 10.560 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

Tgt Ion:127 Resp: 621243

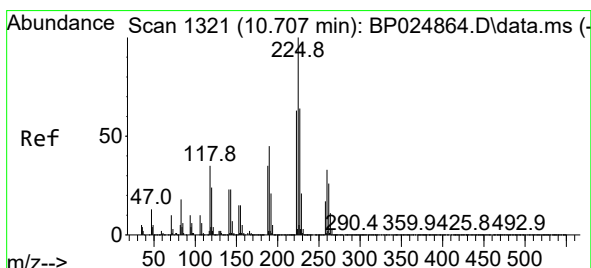
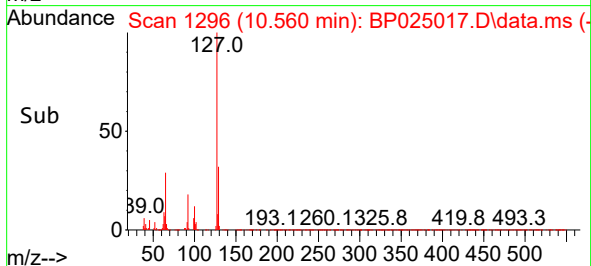
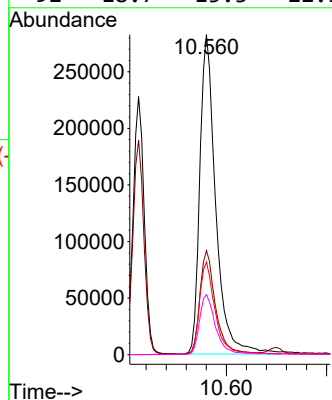
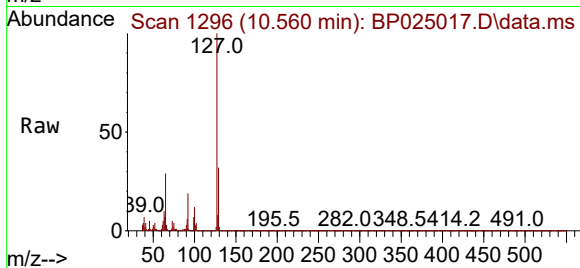
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 28.9 23.9 35.9

92 18.7 15.3 22.9



#34

Hexachlorobutadiene

Concen: 47.342 ng

RT: 10.701 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

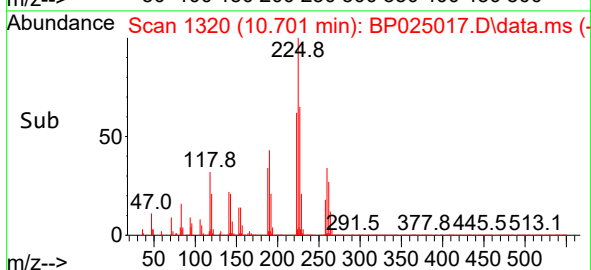
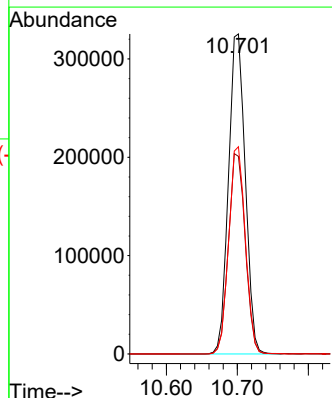
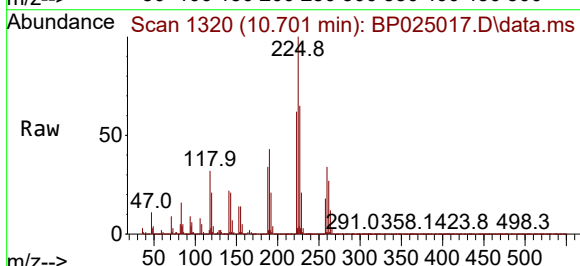
Tgt Ion:225 Resp: 533203

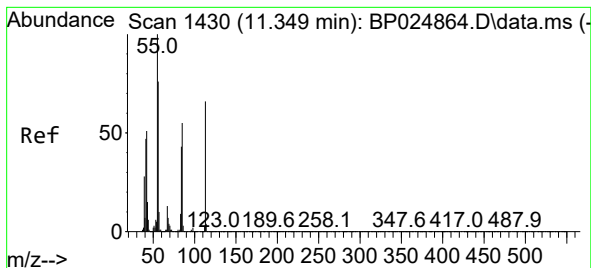
Ion Ratio Lower Upper

225 100

223 61.8 50.5 75.7

227 64.8 51.4 77.2





#35

Caprolactam

Concen: 48.237 ng

RT: 11.366 min Scan# 1433

Delta R.T. 0.018 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

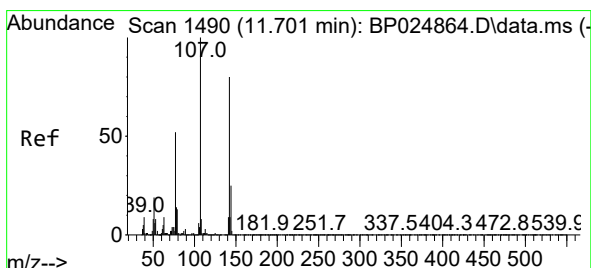
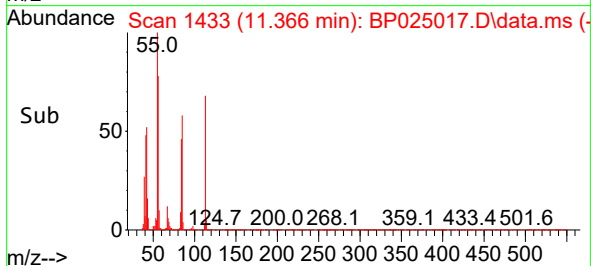
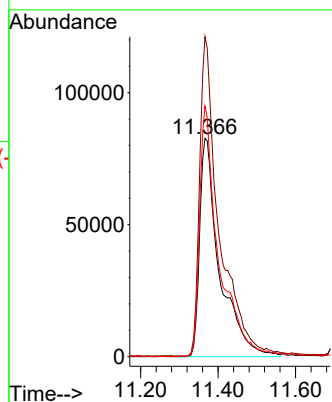
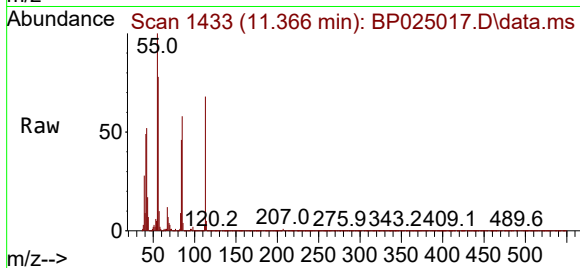
Tgt Ion:113 Resp: 294176

Ion Ratio Lower Upper

113 100

55 146.6 132.5 172.5

56 114.8 96.0 136.0



#36

4-Chloro-3-methylphenol

Concen: 49.133 ng

RT: 11.707 min Scan# 1491

Delta R.T. 0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

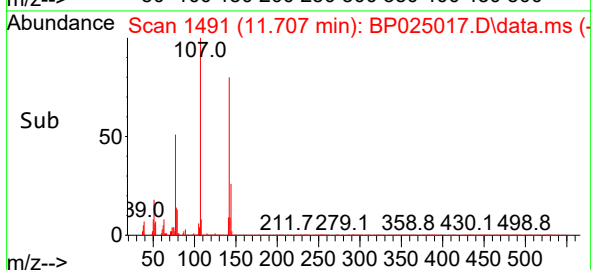
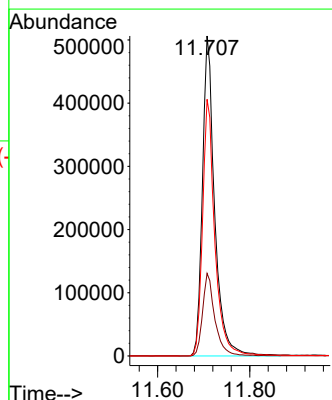
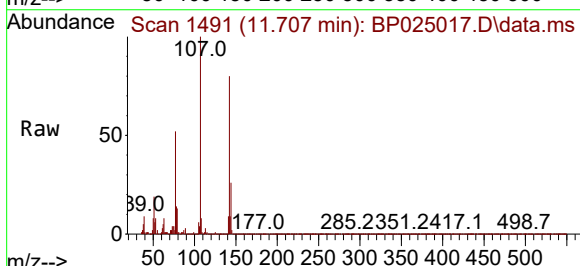
Tgt Ion:107 Resp: 938915

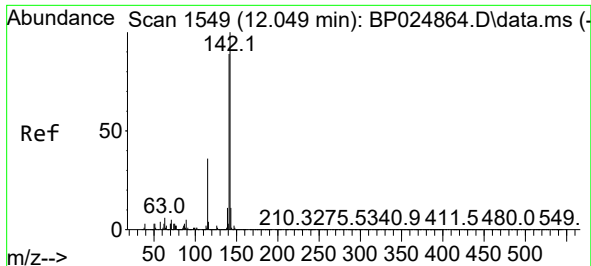
Ion Ratio Lower Upper

107 100

144 25.8 20.4 30.6

142 80.2 63.8 95.6

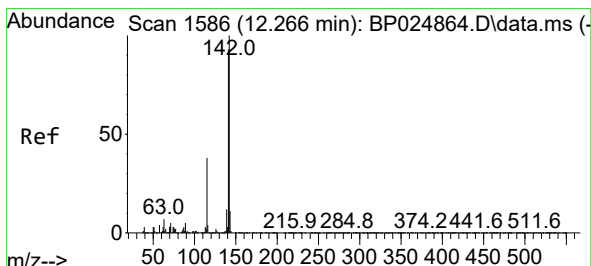
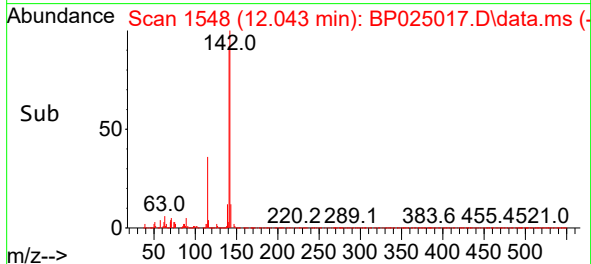
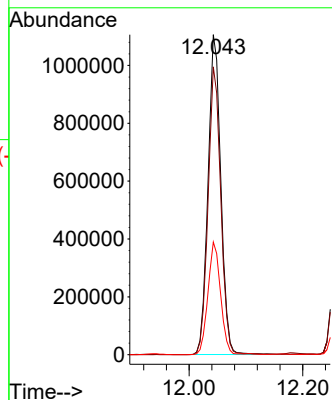
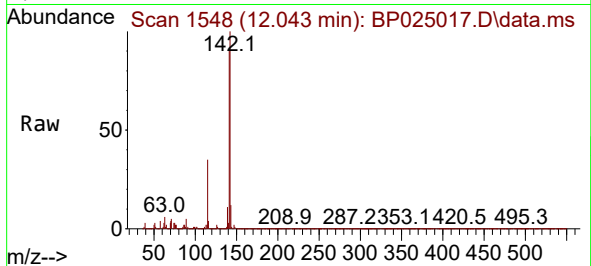




#37
2-Methylnaphthalene
Concen: 47.350 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

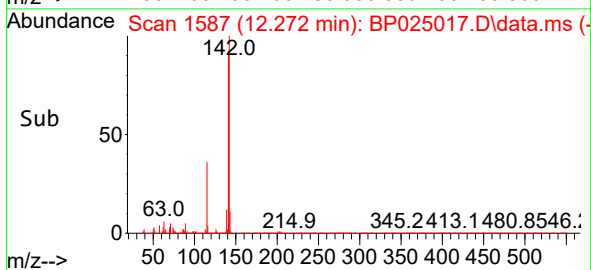
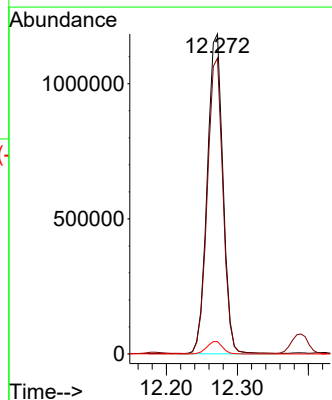
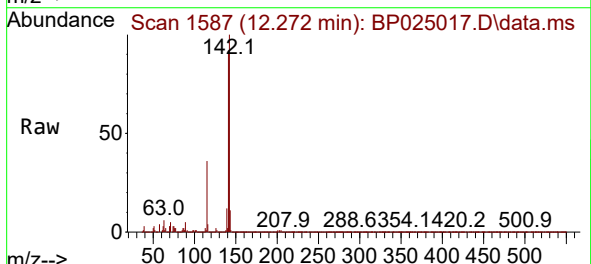
Instrument :
BNA_P
ClientSampleId :
PB168556BS

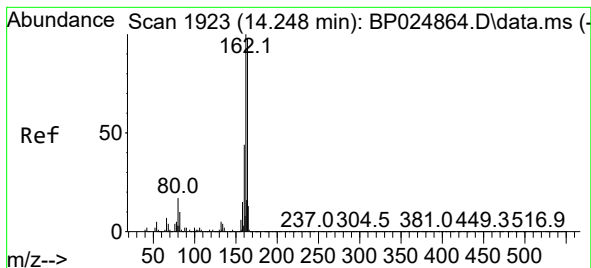
Tgt Ion:142 Resp: 1721551
Ion Ratio Lower Upper
142 100
141 89.9 71.2 106.8
115 35.2 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.835 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:142 Resp: 1820478
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1
116 3.8 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

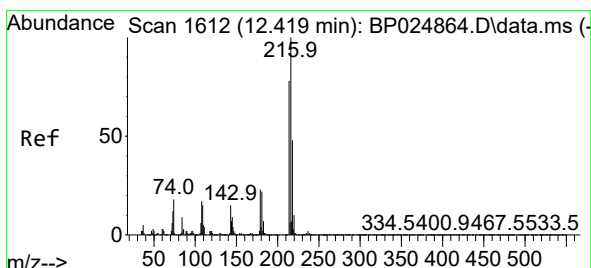
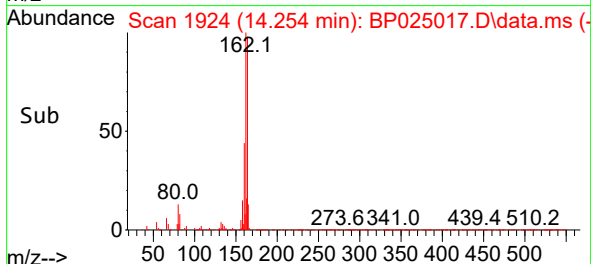
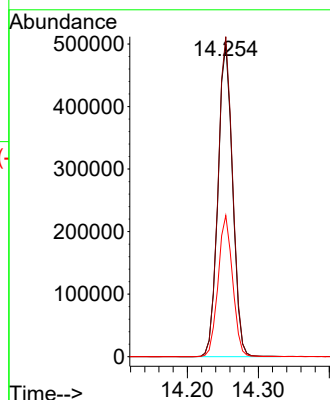
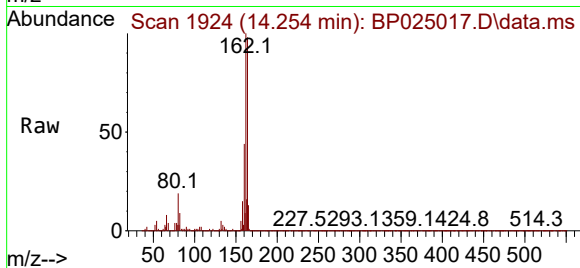
Tgt Ion:164 Resp: 710318

Ion Ratio Lower Upper

164 100

162 102.4 81.6 122.4

160 45.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.388 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Tgt Ion:216 Resp: 975285

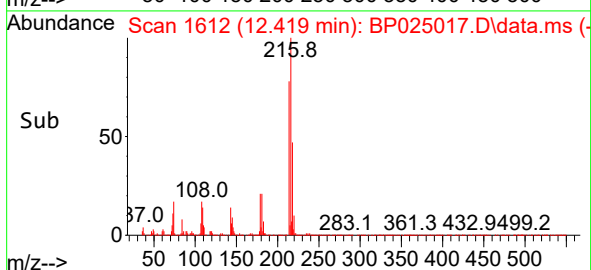
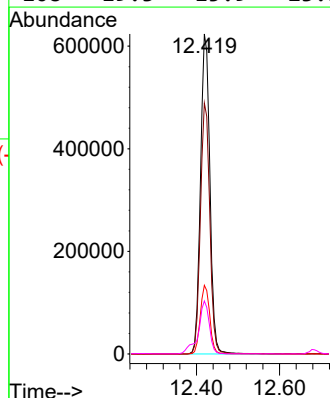
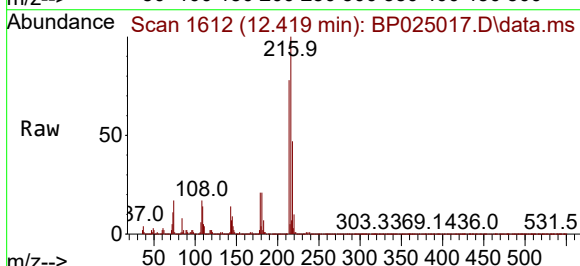
Ion Ratio Lower Upper

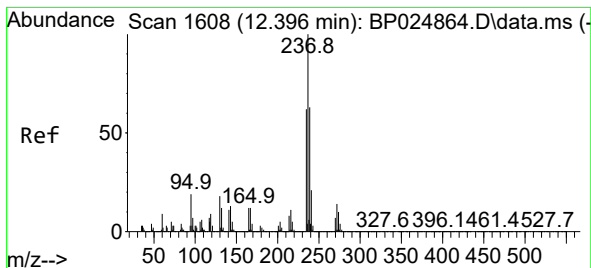
216 100

214 78.2 63.0 94.4

179 21.6 17.8 26.6

108 19.3 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 85.059 ng

RT: 12.390 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

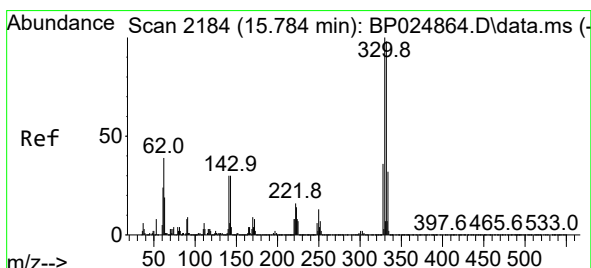
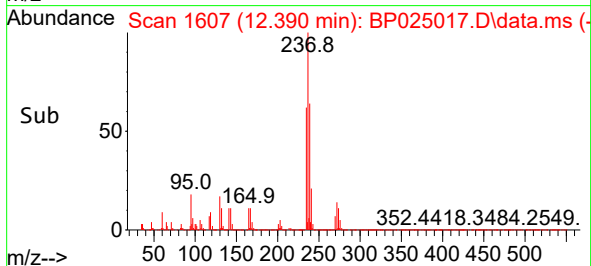
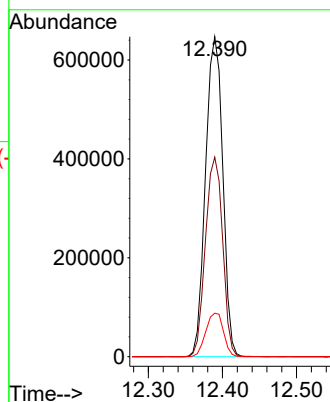
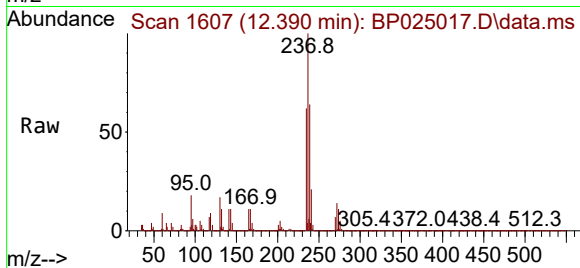
Tgt Ion:237 Resp: 1045683

Ion Ratio Lower Upper

237 100

235 62.4 41.9 81.9

272 13.6 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 153.155 ng

RT: 15.784 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

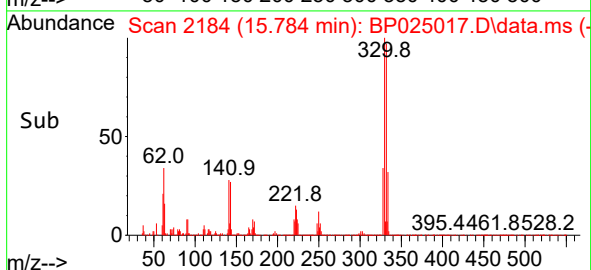
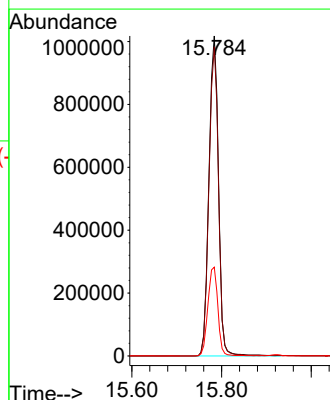
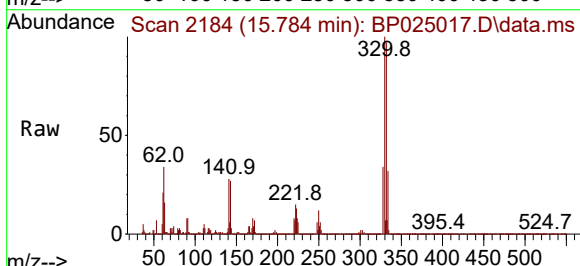
Tgt Ion:330 Resp: 1504063

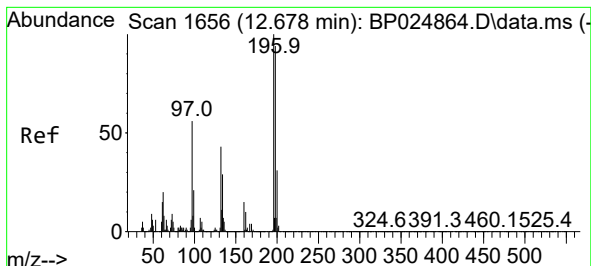
Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 29.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 50.518 ng

RT: 12.684 min Scan# 1656

Delta R.T. 0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

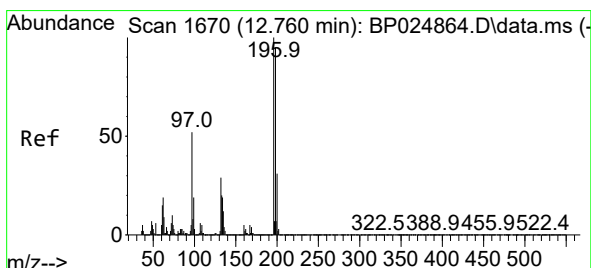
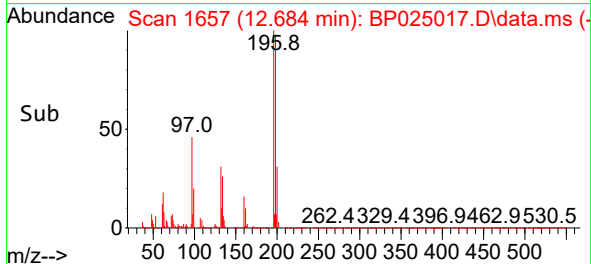
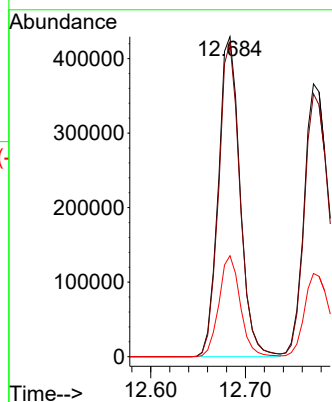
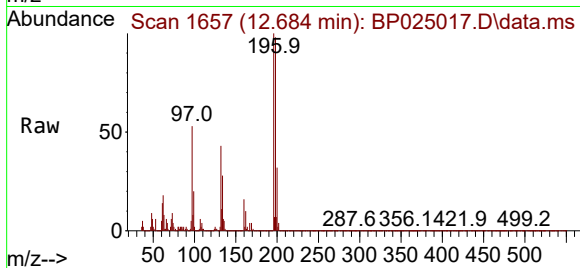
Tgt Ion:196 Resp: 683807

Ion Ratio Lower Upper

196 100

198 98.2 75.4 113.0

200 31.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 51.893 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Tgt Ion:196 Resp: 752239

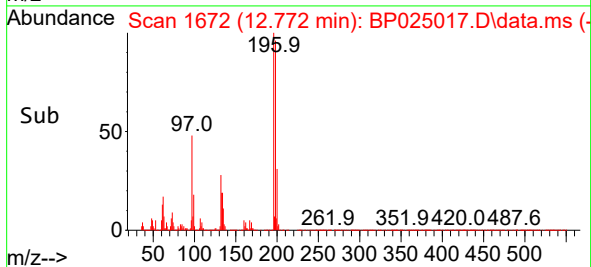
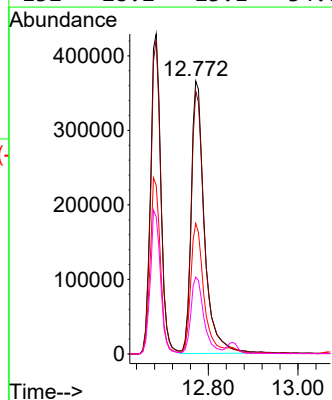
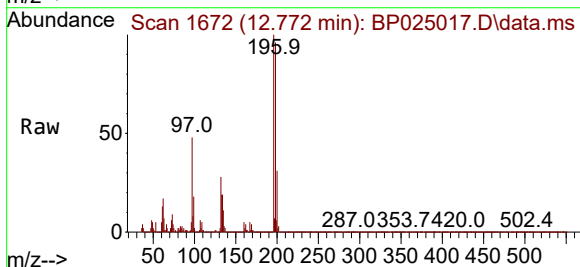
Ion Ratio Lower Upper

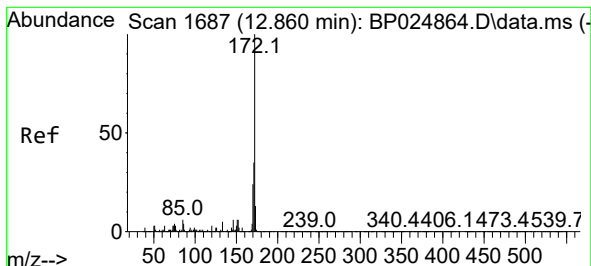
196 100

198 96.4 76.0 114.0

97 47.8 41.5 62.3

132 28.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 82.448 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

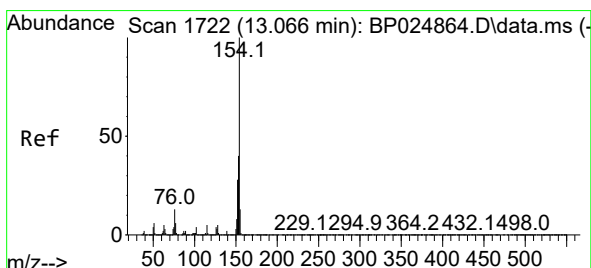
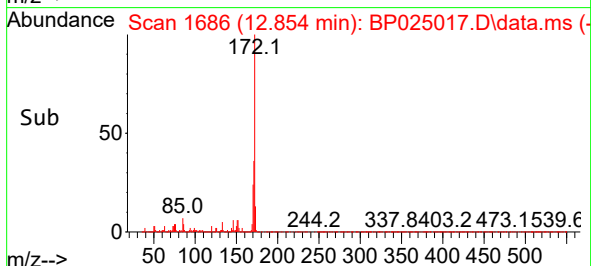
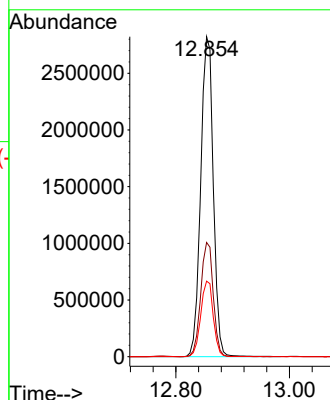
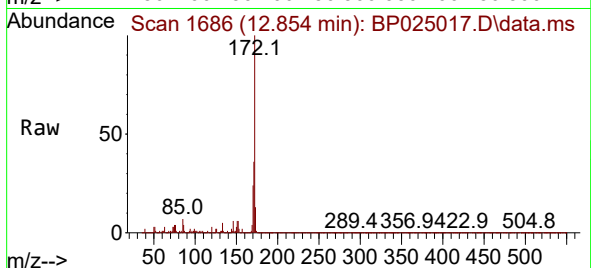
Tgt Ion:172 Resp: 4347345

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.427 ng

RT: 13.066 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

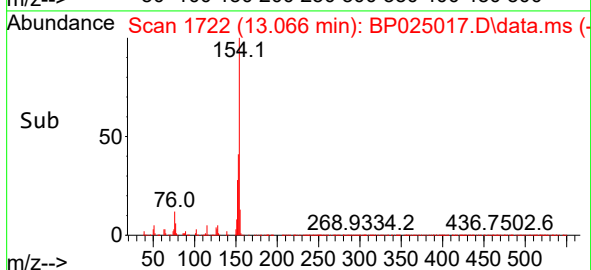
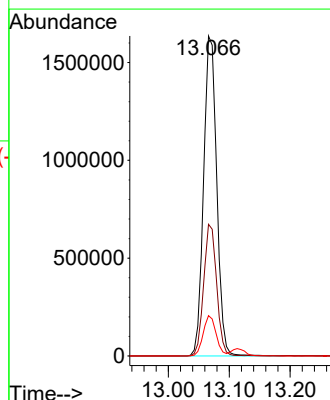
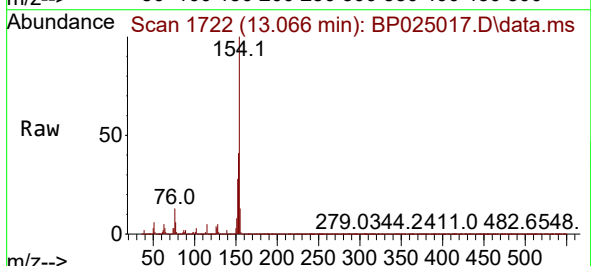
Tgt Ion:154 Resp: 2448223

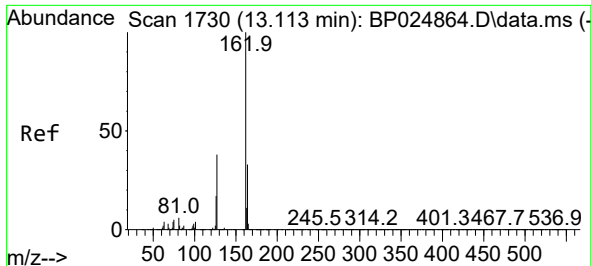
Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

76 12.6 0.0 33.0

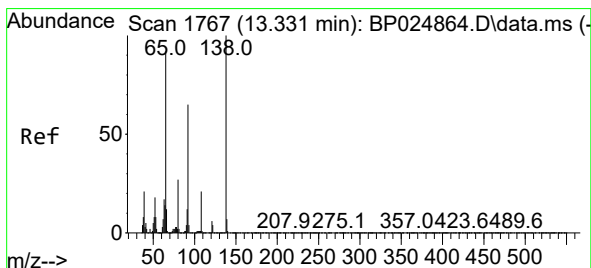
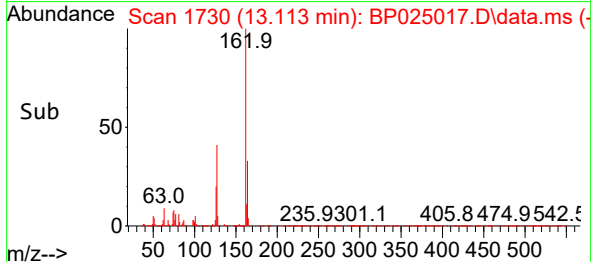
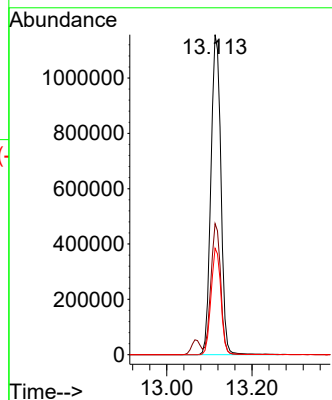
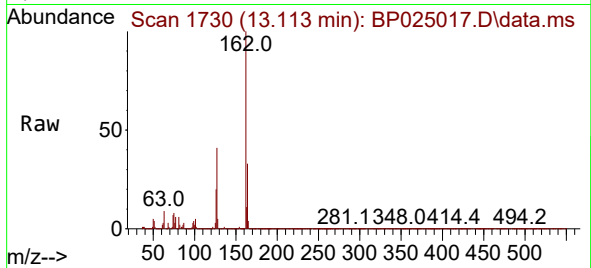




#47
2-Chloronaphthalene
Concen: 47.606 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

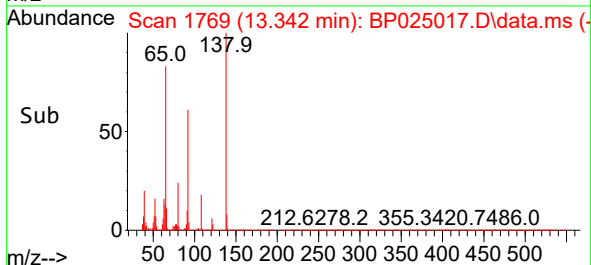
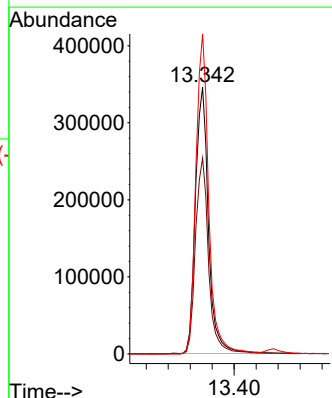
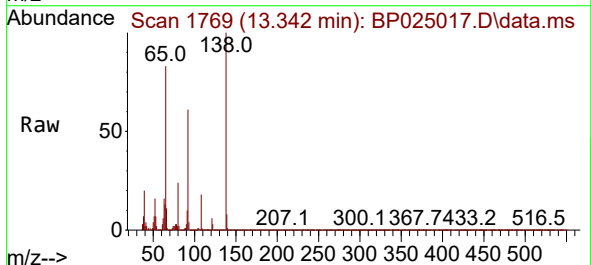
Instrument :
BNA_P
ClientSampleId :
PB168556BS

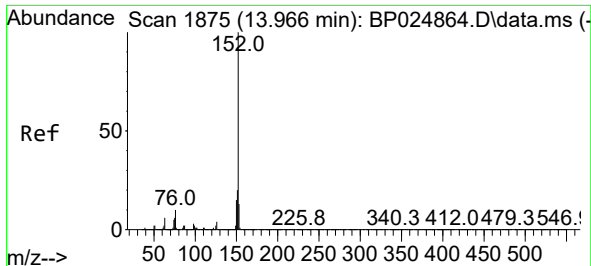
Tgt Ion:162 Resp: 1888736
Ion Ratio Lower Upper
162 100
127 40.9 32.5 48.7
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 46.693 ng
RT: 13.342 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 65 Resp: 569526
Ion Ratio Lower Upper
65 100
92 73.4 56.8 85.2
138 119.9 86.9 130.3

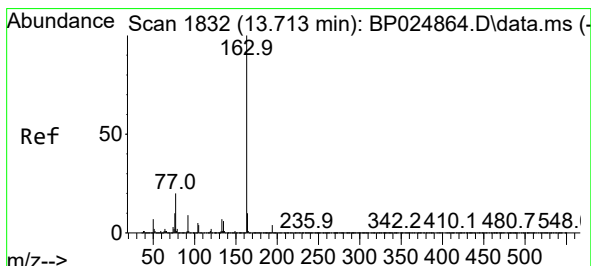
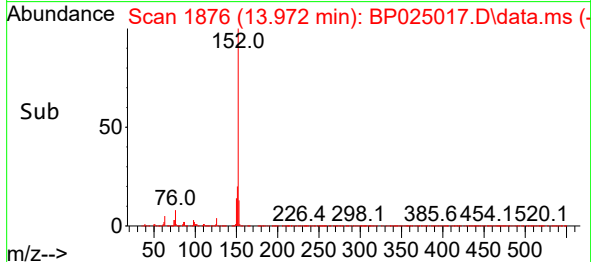
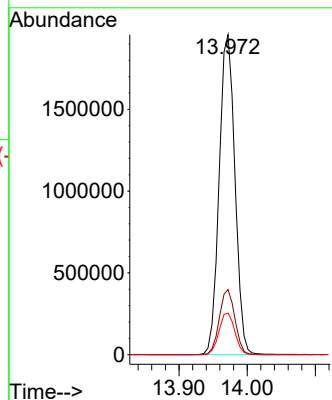
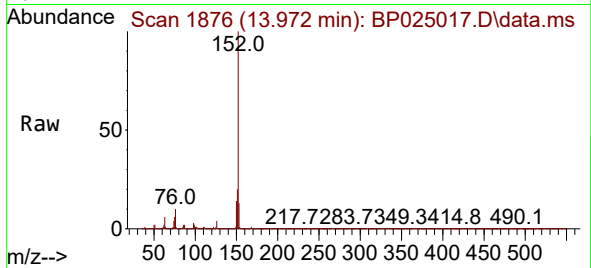




#49
Acenaphthylene
Concen: 47.636 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

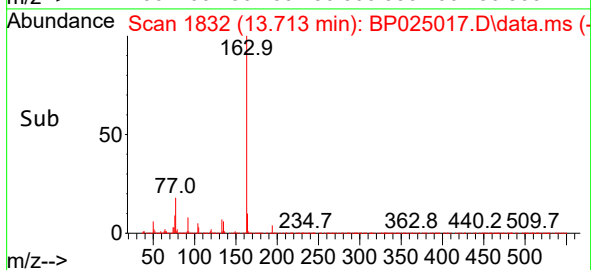
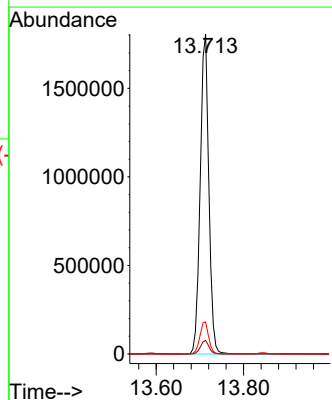
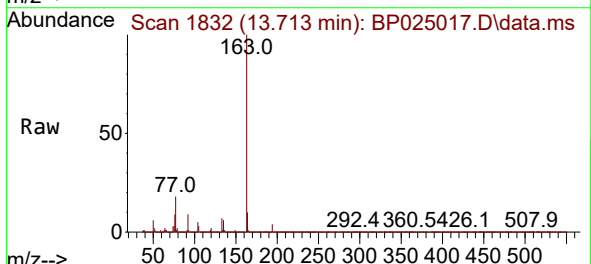
Instrument :
BNA_P
ClientSampleId :
PB168556BS

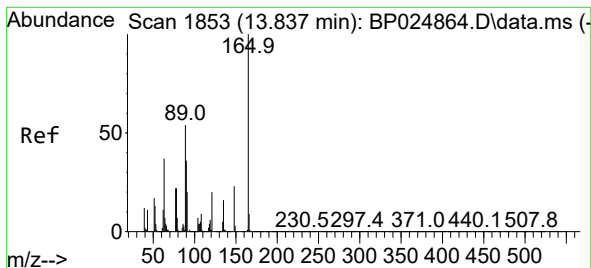
Tgt Ion:152 Resp: 3151248
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 47.308 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:163 Resp: 2478907
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 48.383 ng

RT: 13.842 min Scan# 1854

Delta R.T. 0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

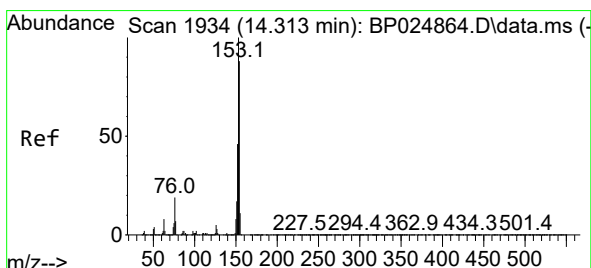
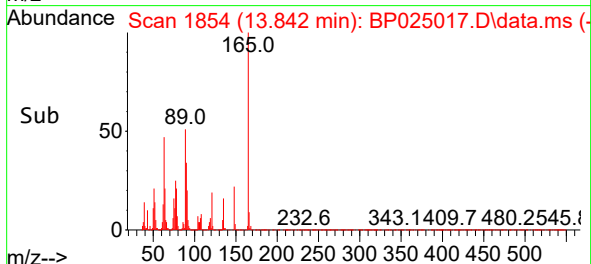
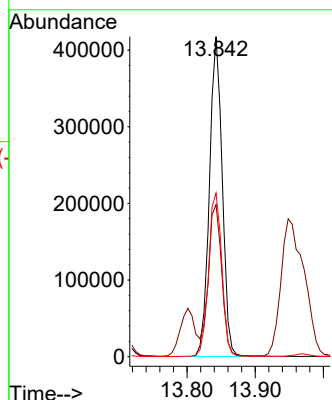
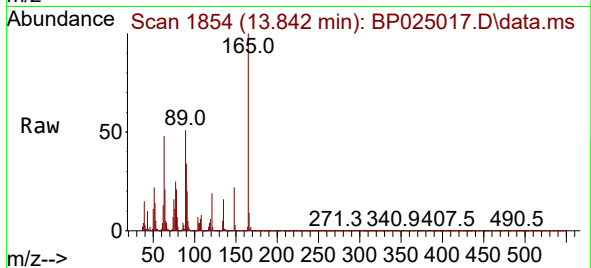
Tgt Ion:165 Resp: 546540

Ion Ratio Lower Upper

165 100

63 47.5 41.8 62.8

89 51.1 43.1 64.7



#52

Acenaphthene

Concen: 47.067 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

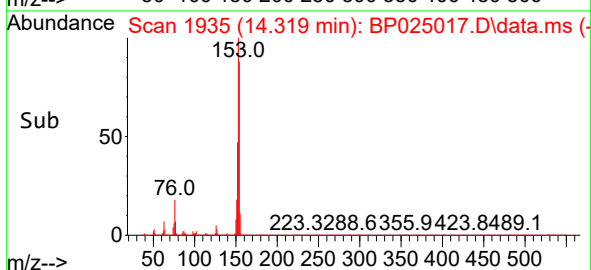
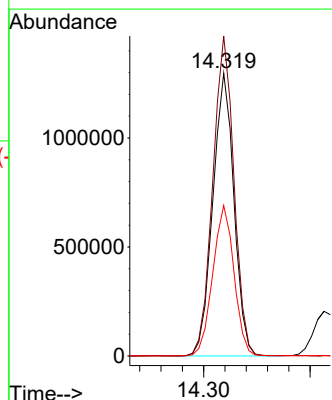
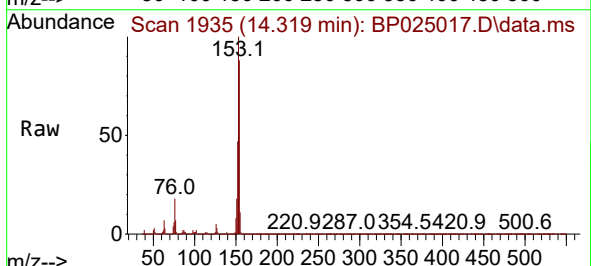
Tgt Ion:154 Resp: 1784193

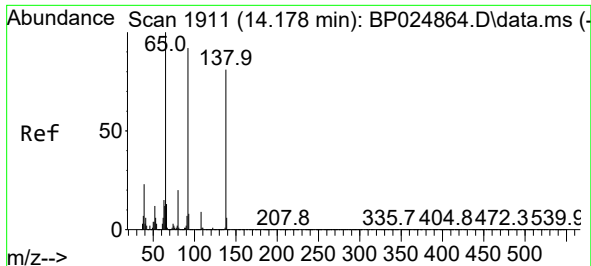
Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

152 53.2 42.1 63.1

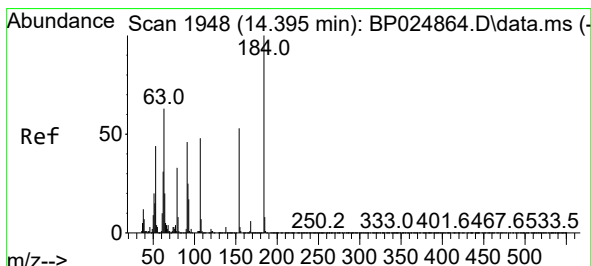
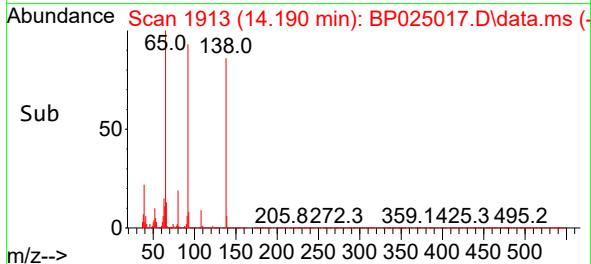
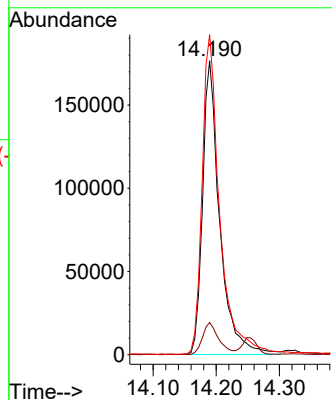
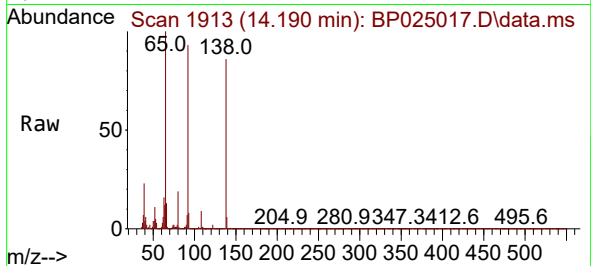




#53
3-Nitroaniline
Concen: 28.308 ng
RT: 14.190 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

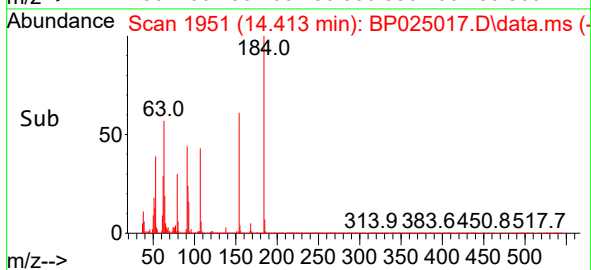
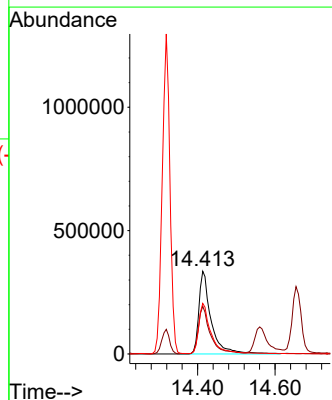
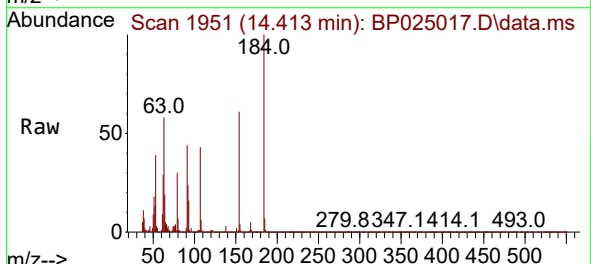
Instrument :
BNA_P
ClientSampleId :
PB168556BS

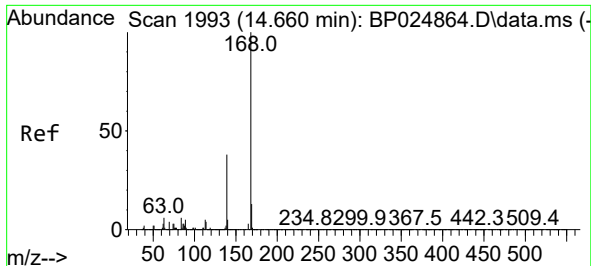
Tgt Ion:138 Resp: 331846
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 108.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 98.233 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:184 Resp: 732583
Ion Ratio Lower Upper
184 100
63 57.6 51.0 76.4
154 61.1 51.7 77.5

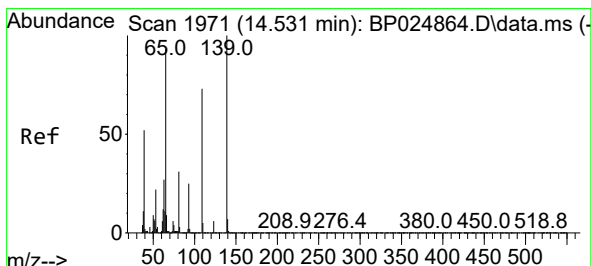
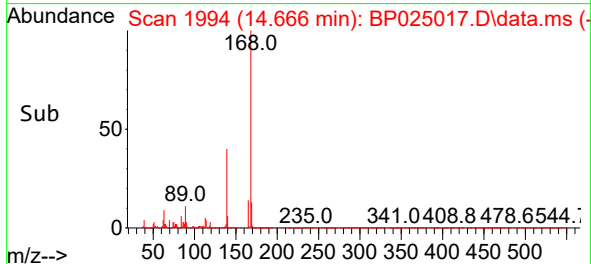
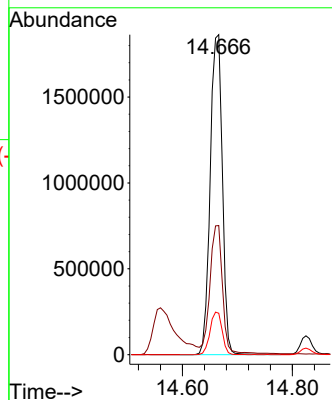
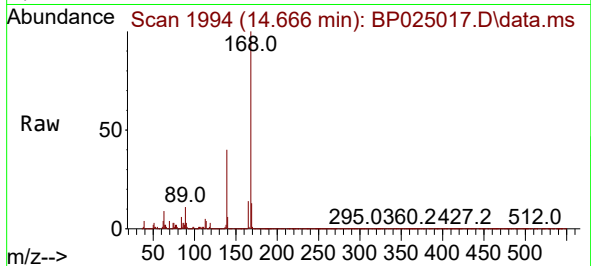




#55
Dibenzofuran
Concen: 46.918 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

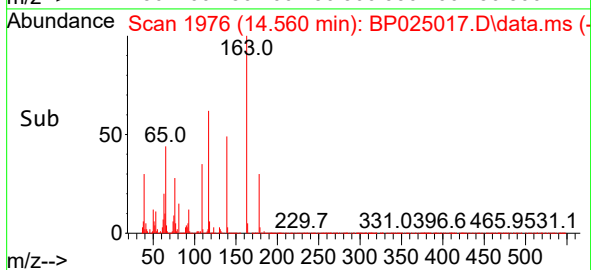
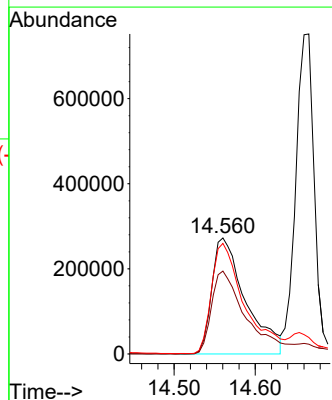
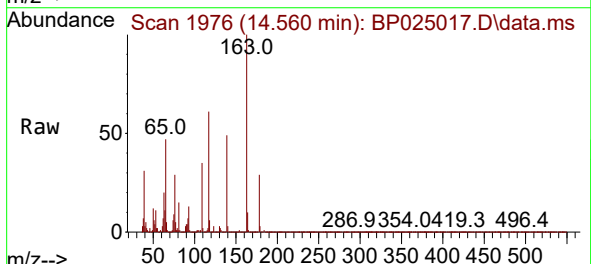
Instrument :
BNA_P
ClientSampleId :
PB168556BS

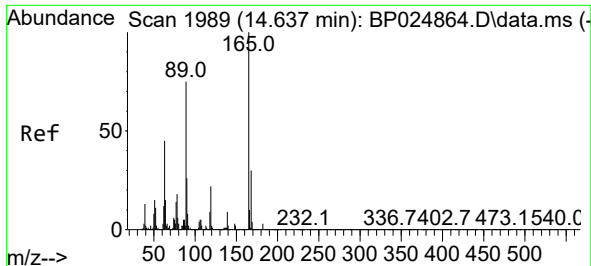
Tgt Ion:168 Resp: 2854888
Ion Ratio Lower Upper
168 100
139 40.4 31.6 47.4
169 12.9 10.6 15.8



#56
4-Nitrophenol
Concen: 78.995 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:139 Resp: 783243
Ion Ratio Lower Upper
139 100
109 71.5 53.1 93.1
65 95.3 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 49.620 ng

RT: 14.654 min Scan# 1989

Delta R.T. 0.017 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

Tgt Ion:165 Resp: 784061

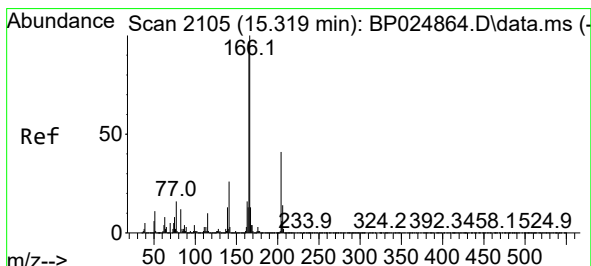
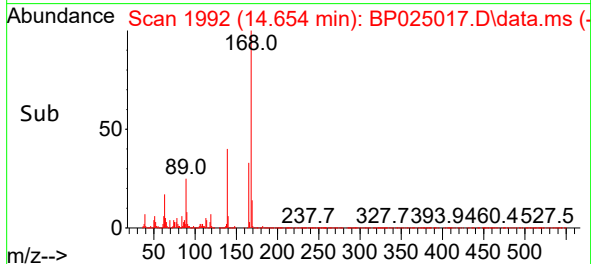
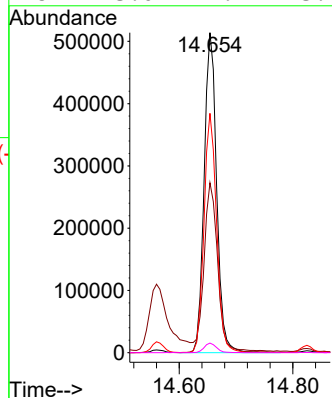
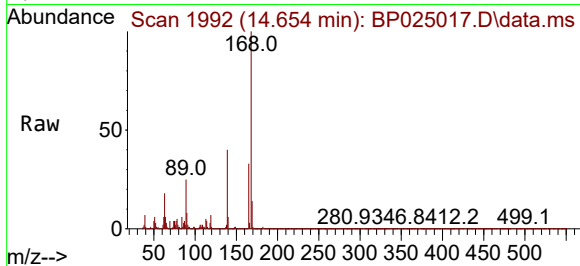
Ion Ratio Lower Upper

165 100

63 53.1 37.0 55.6

89 74.8 60.1 90.1

182 3.0 2.4 3.6



#58

Fluorene

Concen: 47.604 ng

RT: 15.319 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

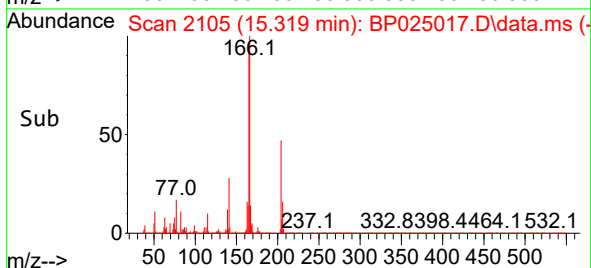
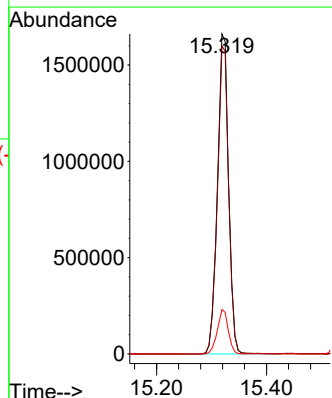
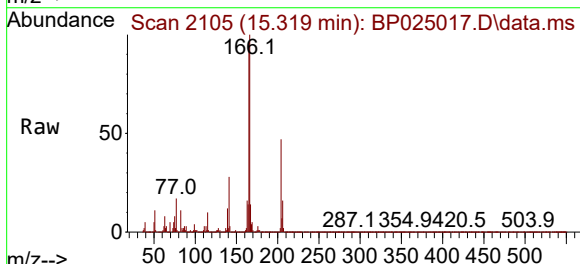
Tgt Ion:166 Resp: 2339944

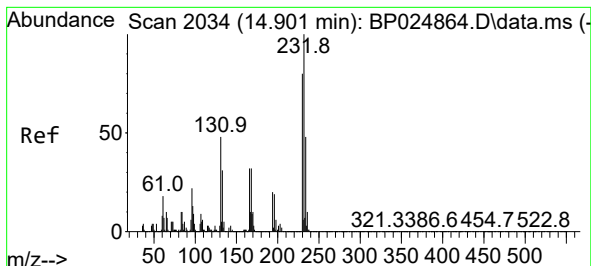
Ion Ratio Lower Upper

166 100

165 96.2 77.7 116.5

167 13.8 10.6 16.0

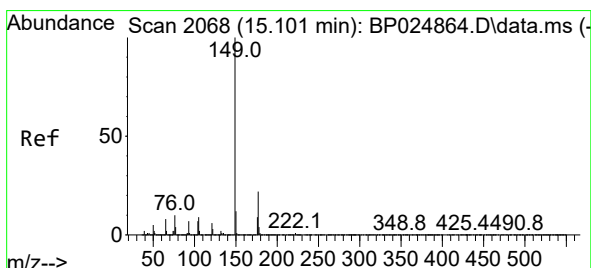
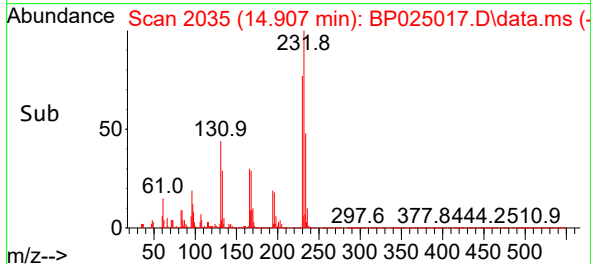
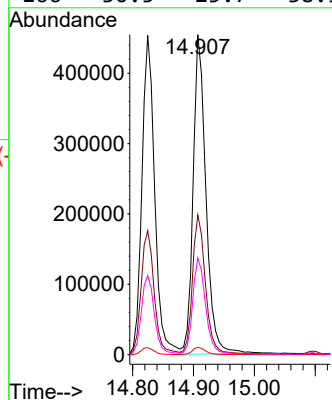
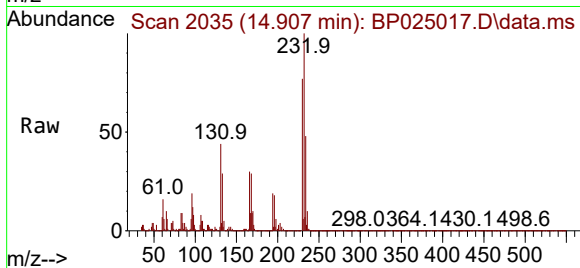




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.188 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

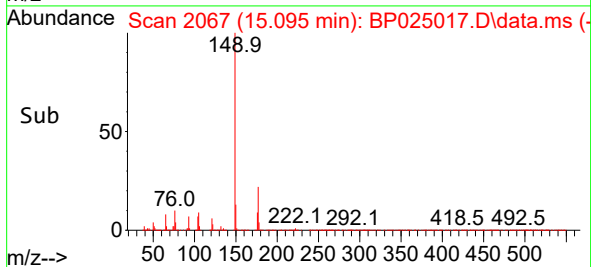
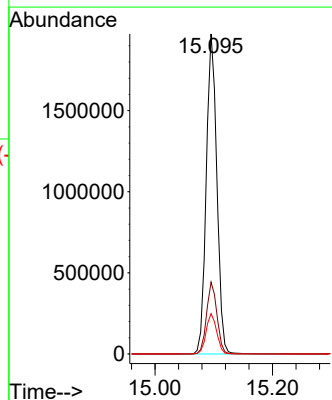
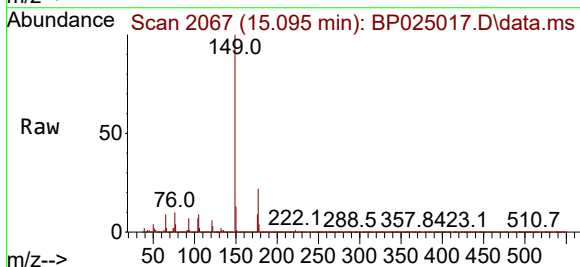
Instrument :
BNA_P
ClientSampleId :
PB168556BS

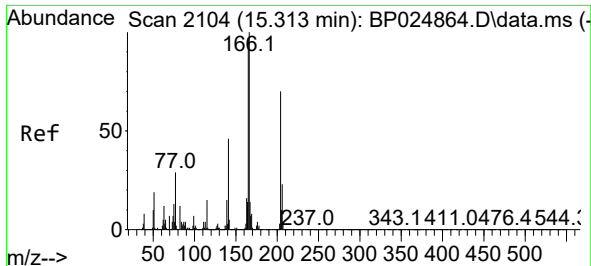
Tgt Ion:232 Resp: 662977
Ion Ratio Lower Upper
232 100
131 44.6 38.2 57.2
130 2.3 2.1 3.1
166 30.5 25.7 38.5



#60
Diethylphthalate
Concen: 47.270 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:149 Resp: 2468521
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.6 9.8 14.6

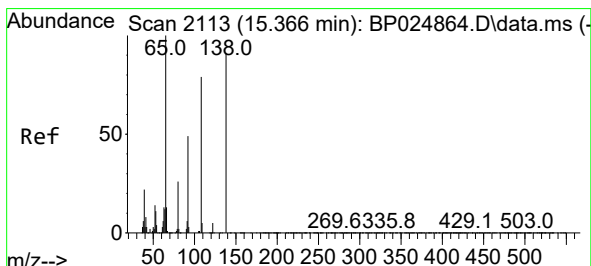
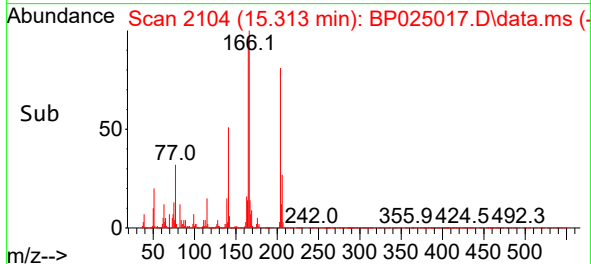
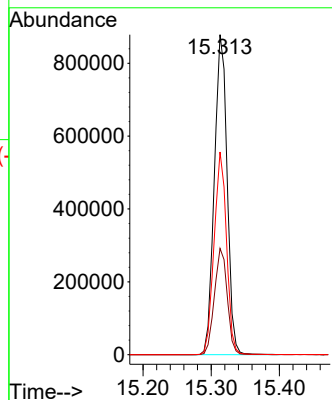
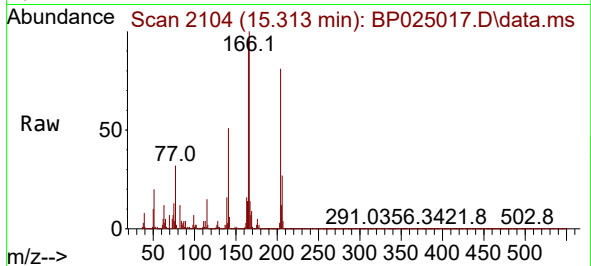




#61
4-Chlorophenyl-phenylether
Concen: 47.752 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

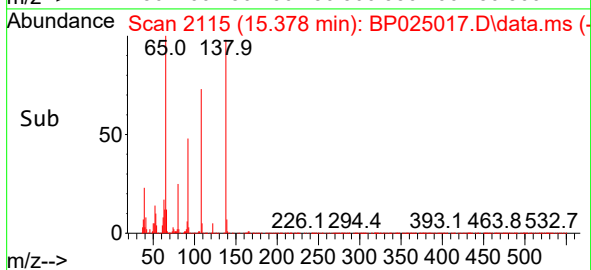
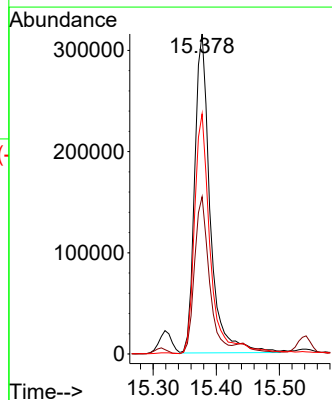
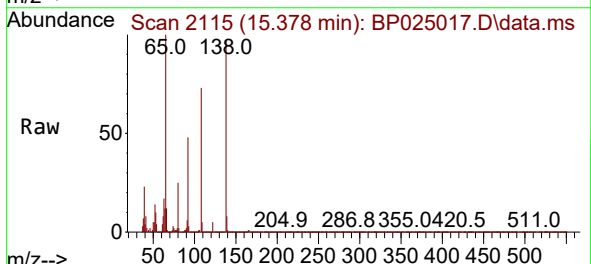
Instrument :
BNA_P
ClientSampleId :
PB168556BS

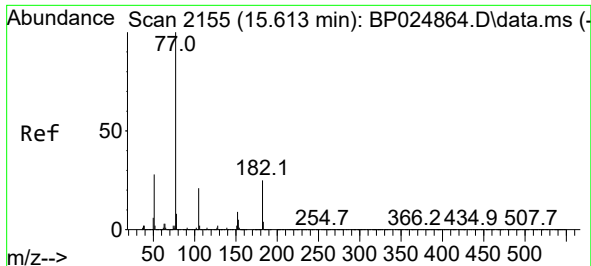
Tgt Ion:204 Resp: 1147669
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 63.3 52.4 78.6



#62
4-Nitroaniline
Concen: 50.532 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:138 Resp: 537109
Ion Ratio Lower Upper
138 100
92 49.1 33.5 73.5
108 75.0 65.1 105.1



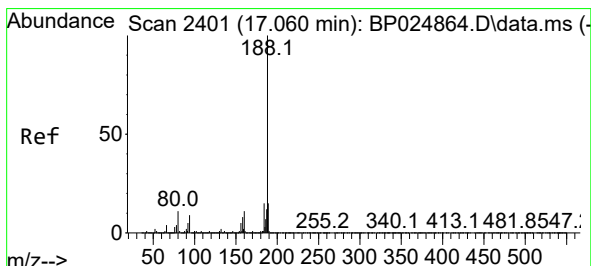
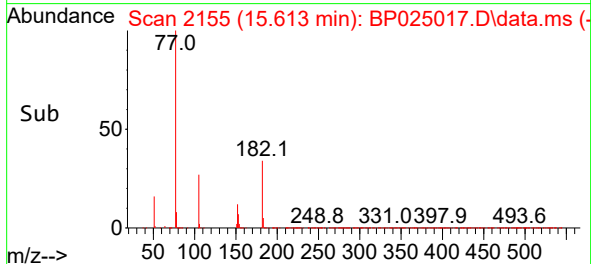
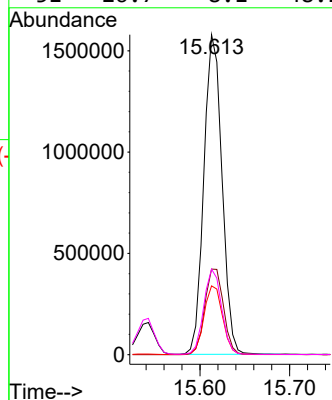
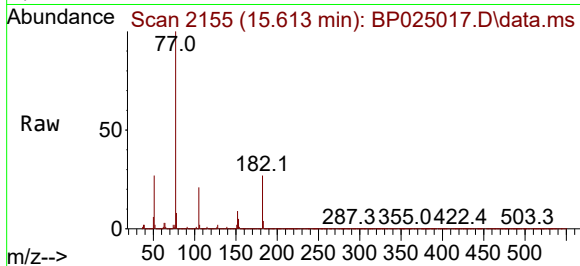


#63
Azobenzene
Concen: 46.244 ng
RT: 15.613 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB168556BS

Tgt Ion: 77 Resp: 2214842

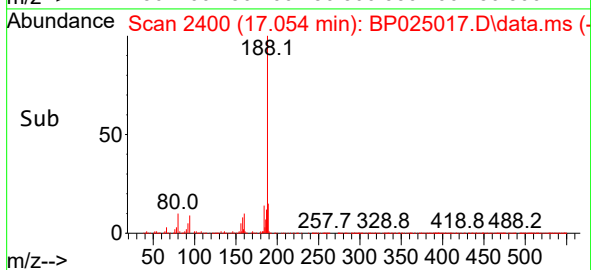
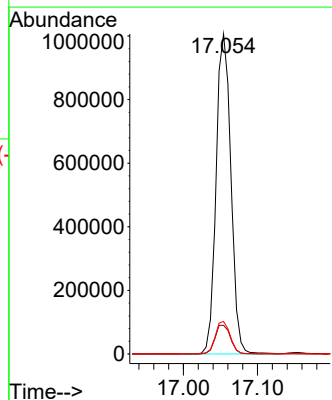
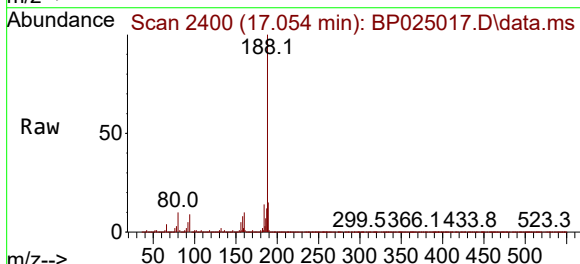
Ion	Ratio	Lower	Upper
77	100		
182	26.8	5.4	45.4
105	21.5	0.8	40.8
51	26.7	8.1	48.1

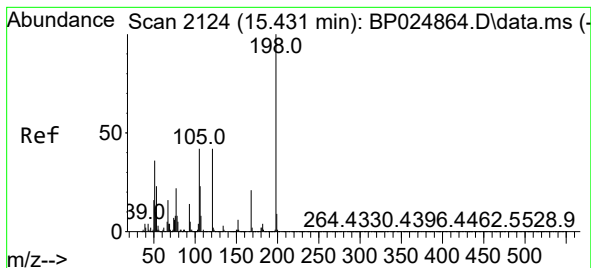


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion: 188 Resp: 1392852

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	10.2	8.5	12.7

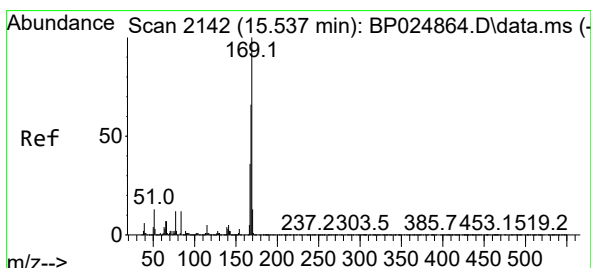
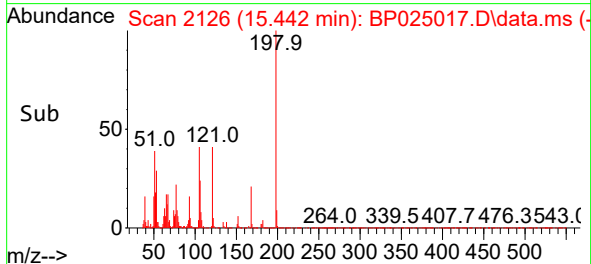
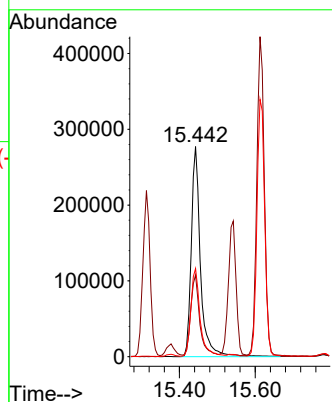
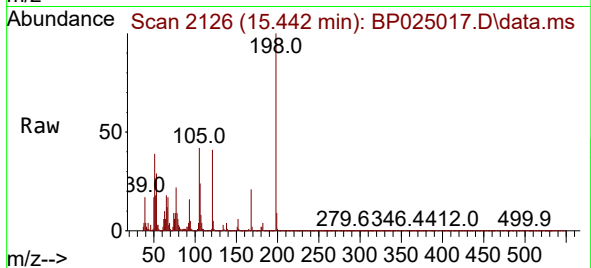




#65
4,6-Dinitro-2-methylphenol
Concen: 50.997 ng
RT: 15.442 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

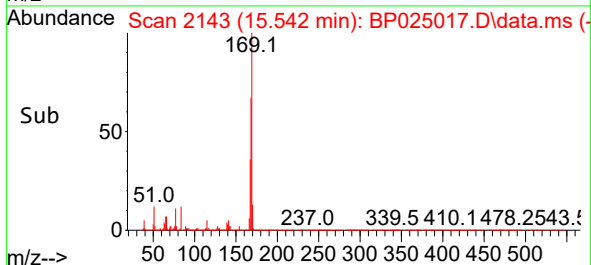
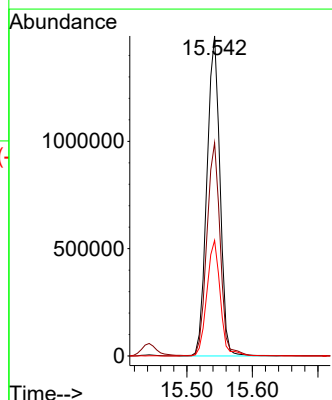
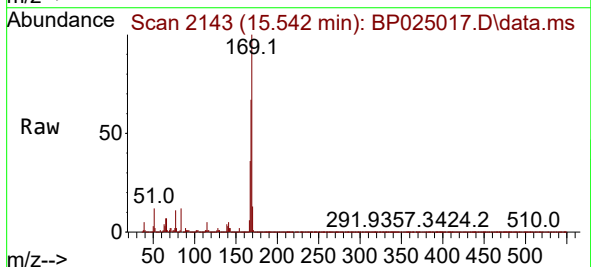
Instrument :
BNA_P
ClientSampleId :
PB168556BS

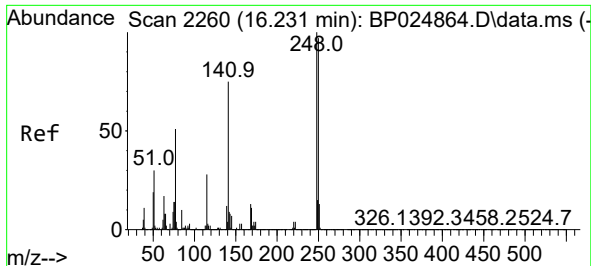
Tgt Ion:198 Resp: 466737
Ion Ratio Lower Upper
198 100
51 38.9 19.2 59.2
105 42.0 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 47.894 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:169 Resp: 2067674
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.1 28.6 43.0

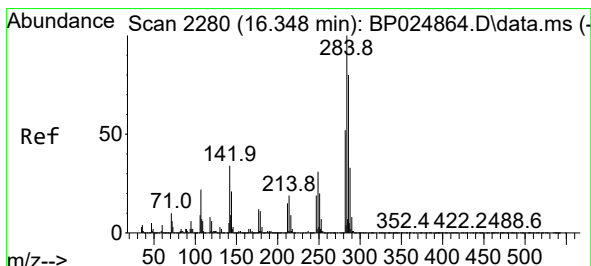
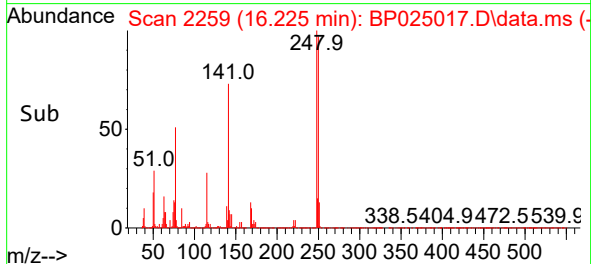
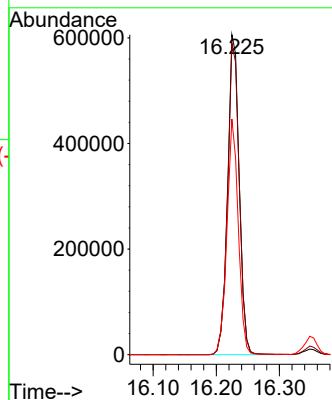
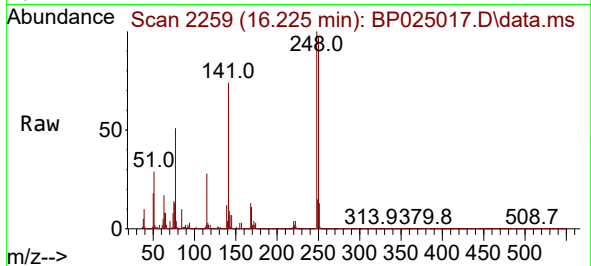




#67
4-Bromophenyl-phenylether
Concen: 49.230 ng
RT: 16.225 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

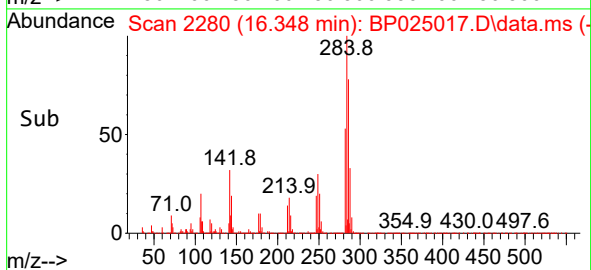
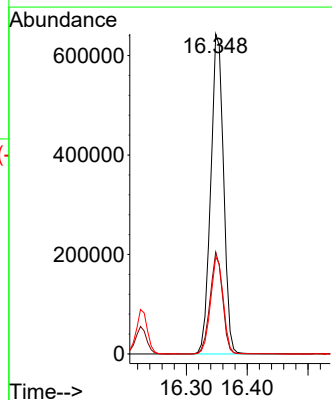
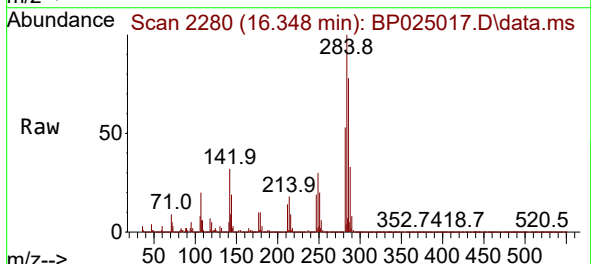
Instrument :
BNA_P
ClientSampleId :
PB168556BS

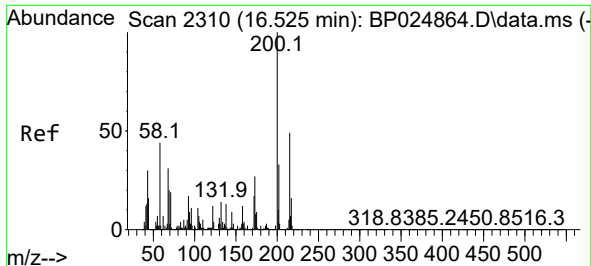
Tgt Ion:248 Resp: 773694
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 73.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 49.329 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP025017.D
Acq: 20 Jun 2025 14:13

Tgt Ion:284 Resp: 939819
Ion Ratio Lower Upper
284 100
142 31.8 27.0 40.6
249 30.4 25.0 37.6

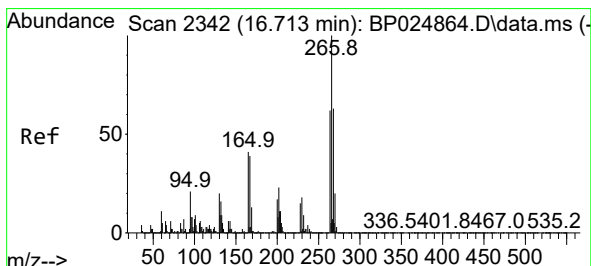
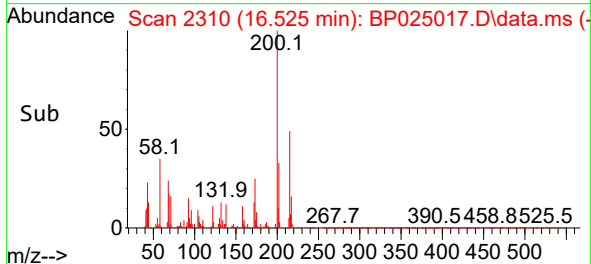
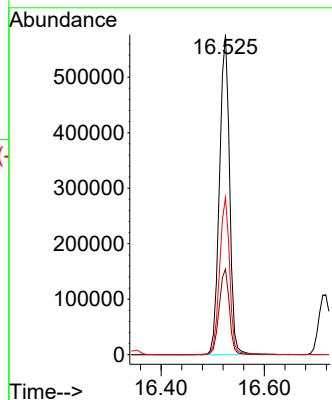
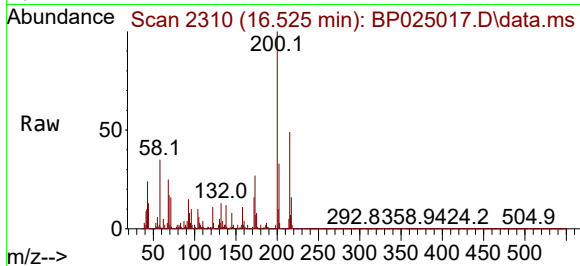




#69
 Atrazine
 Concen: 49.983 ng
 RT: 16.525 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025017.D
 Acq: 20 Jun 2025 14:13

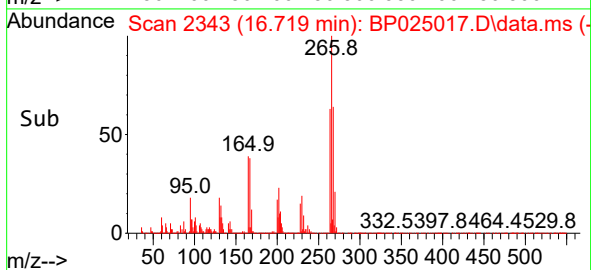
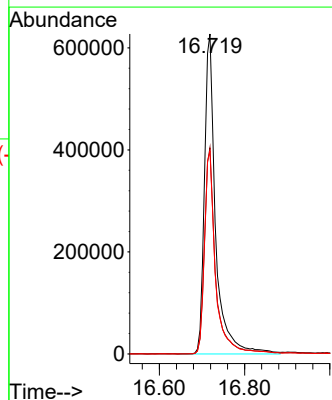
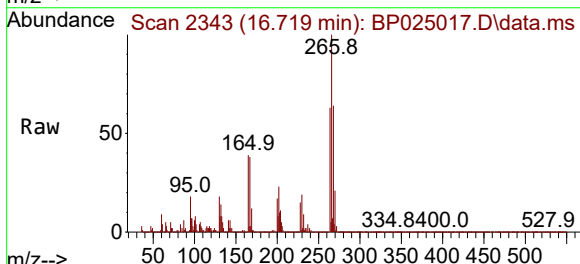
Instrument :
 BNA_P
 ClientSampleId :
 PB168556BS

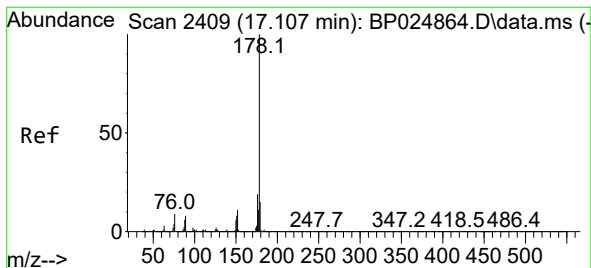
Tgt Ion:200 Resp: 782258
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.9 46.9
 215 49.1 28.7 68.7



#70
 Pentachlorophenol
 Concen: 116.093 ng
 RT: 16.719 min Scan# 2343
 Delta R.T. 0.006 min
 Lab File: BP025017.D
 Acq: 20 Jun 2025 14:13

Tgt Ion:266 Resp: 1144737
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.6 76.0
 264 63.4 49.7 74.5





#71

Phenanthrene

Concen: 46.960 ng

RT: 17.095 min Scan# 2407

Delta R.T. -0.012 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

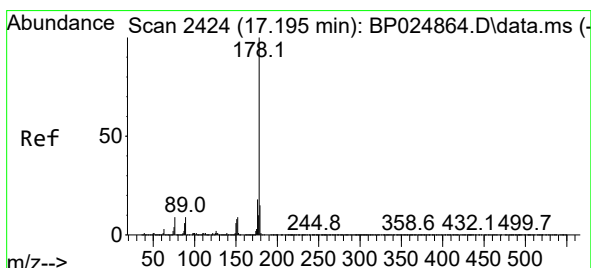
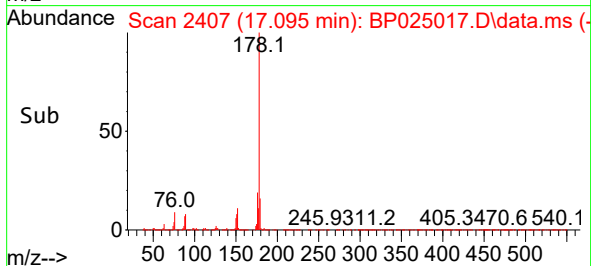
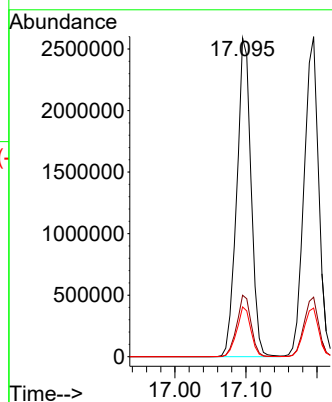
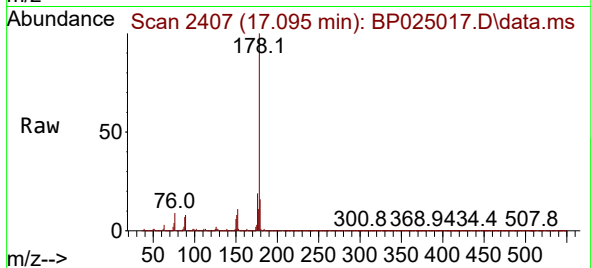
Tgt Ion:178 Resp: 3614538

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 12.1 18.1



#72

Anthracene

Concen: 47.725 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

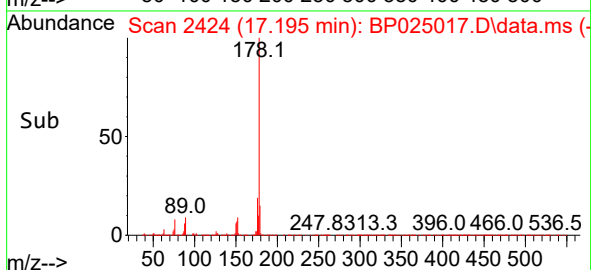
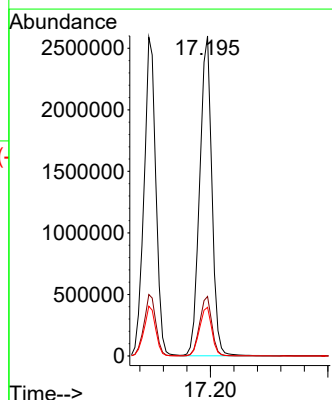
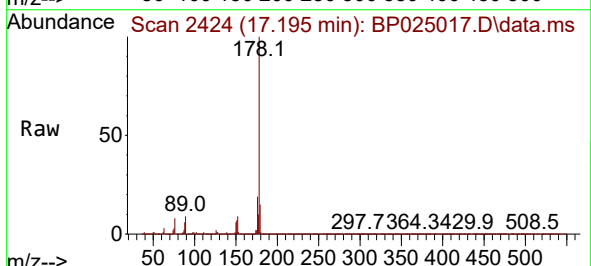
Tgt Ion:178 Resp: 3720344

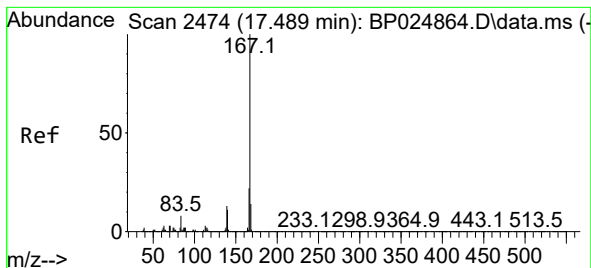
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.2 12.3 18.5





#73

Carbazole

Concen: 48.519 ng

RT: 17.489 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

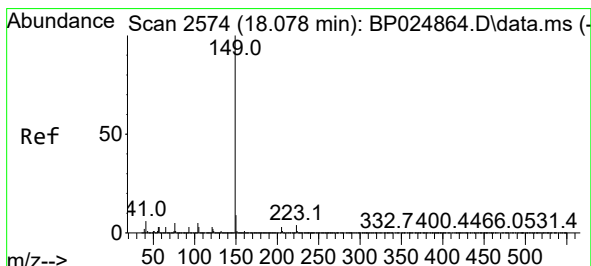
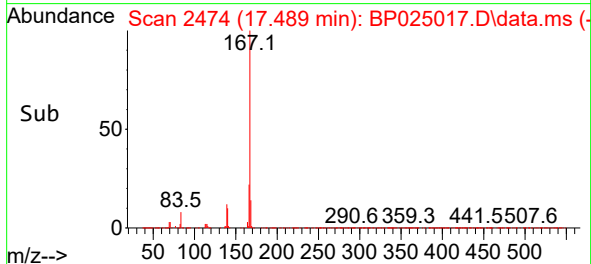
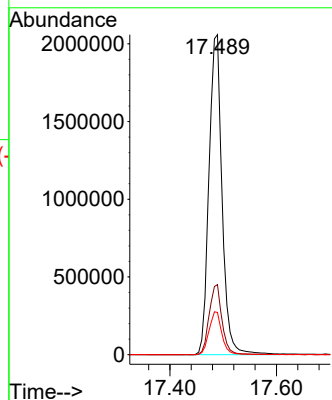
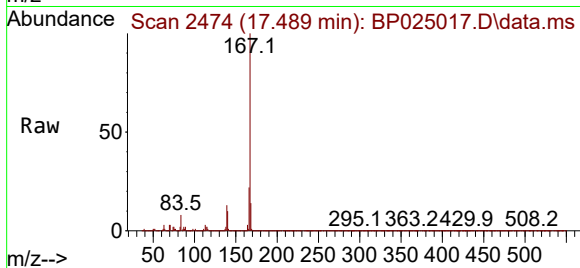
Tgt Ion:167 Resp: 3505760

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 47.618 ng

RT: 18.060 min Scan# 2571

Delta R.T. -0.018 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

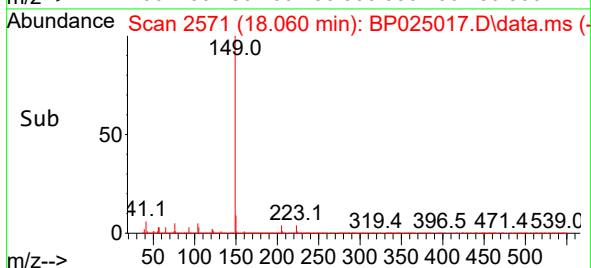
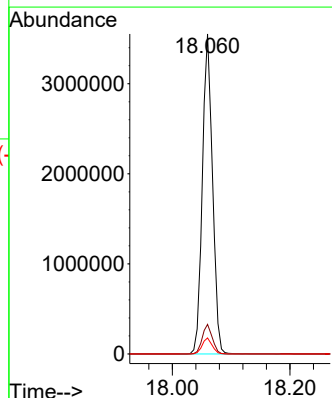
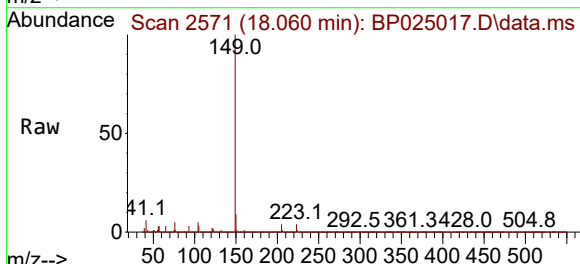
Tgt Ion:149 Resp: 4262949

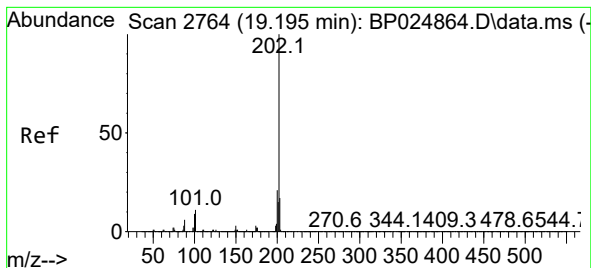
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 47.177 ng

RT: 19.189 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

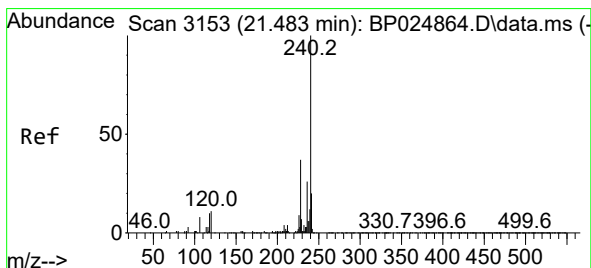
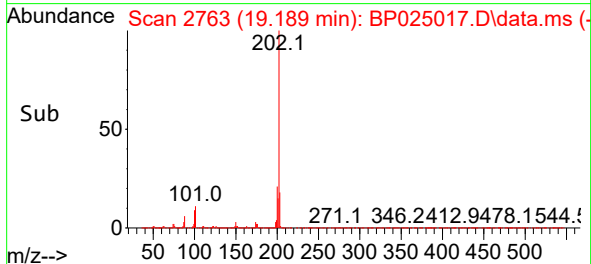
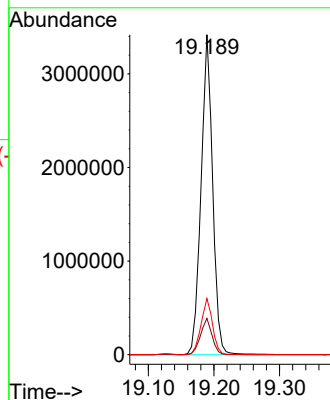
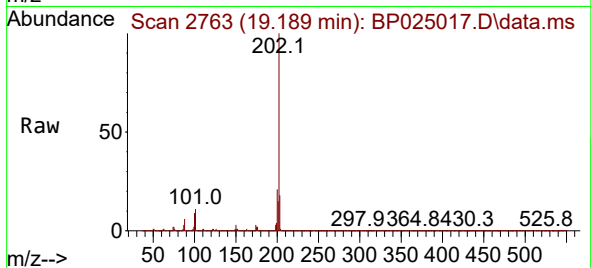
Tgt Ion:202 Resp: 4208830

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

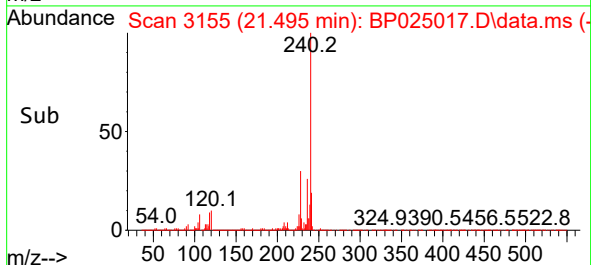
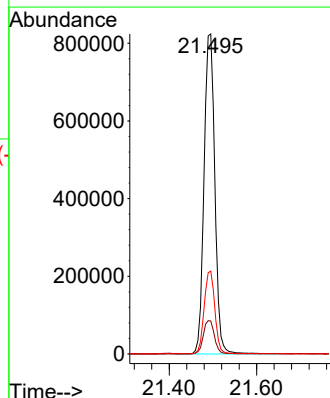
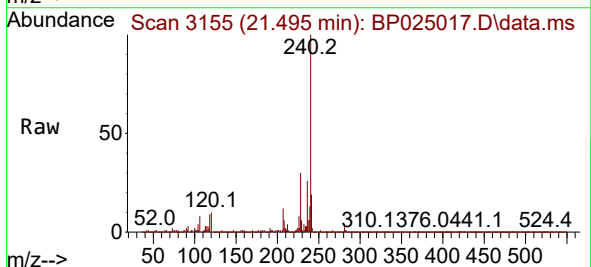
Tgt Ion:240 Resp: 1420178

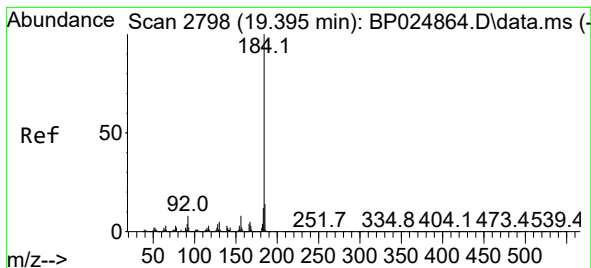
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.9 20.9 31.3





#77

Benzidine

Concen: 44.748 ng

RT: 19.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

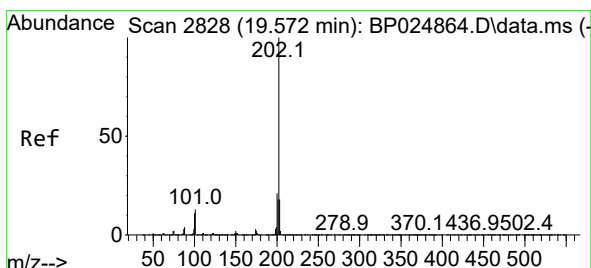
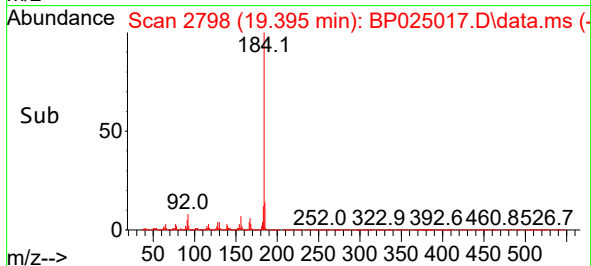
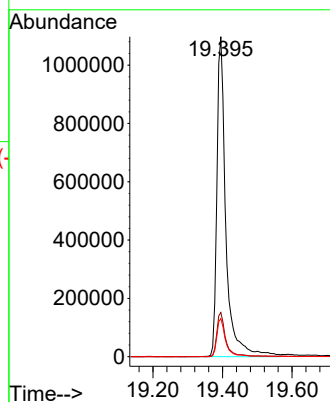
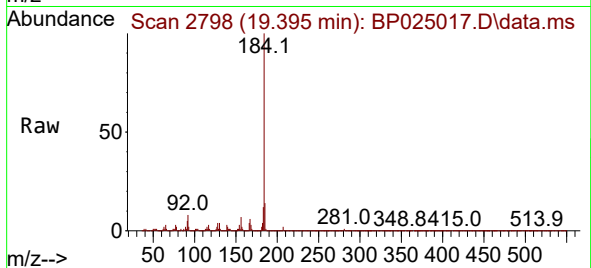
Tgt Ion:184 Resp: 1968258

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.0

183 11.9 9.5 14.3



#78

Pyrene

Concen: 49.548 ng

RT: 19.566 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

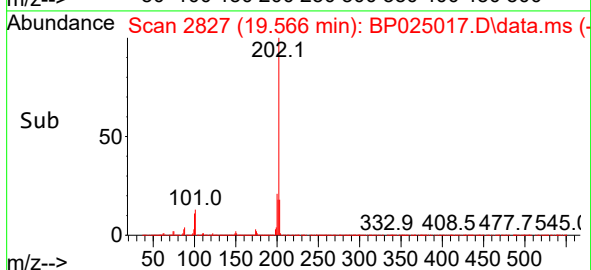
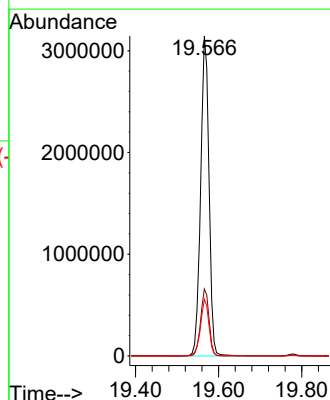
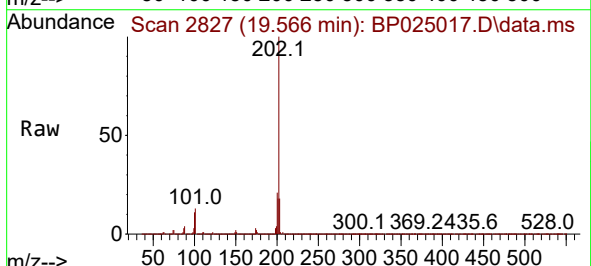
Tgt Ion:202 Resp: 4396166

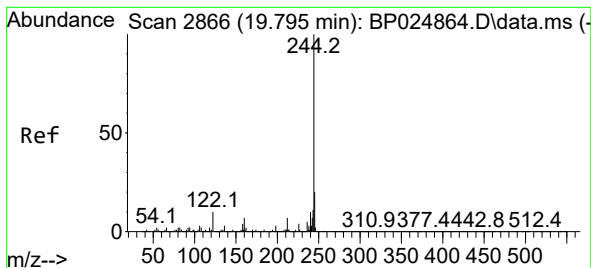
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 87.609 ng

RT: 19.777 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

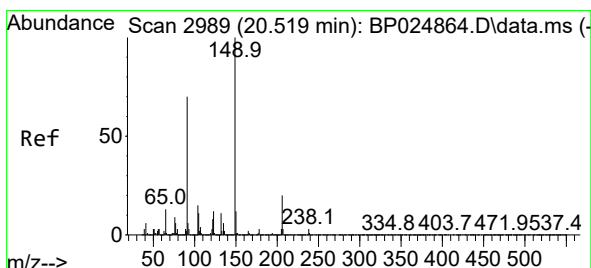
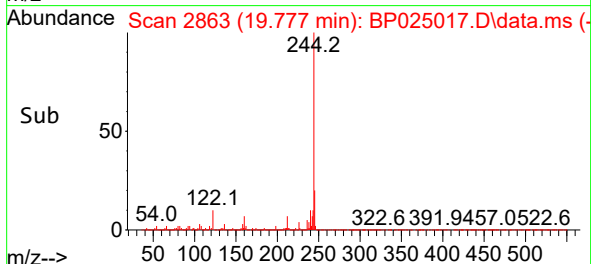
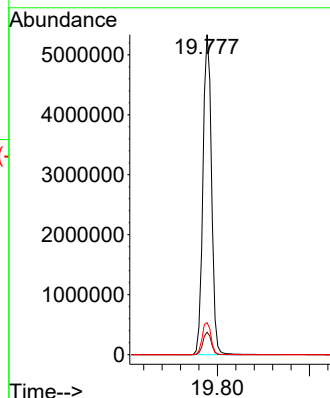
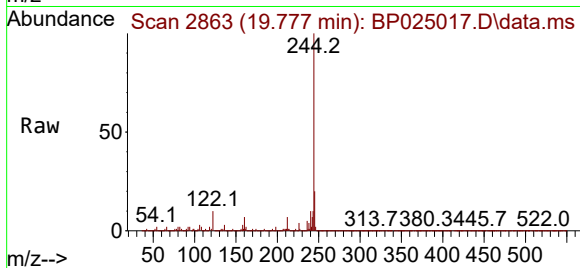
Tgt Ion:244 Resp: 6942137

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 49.012 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

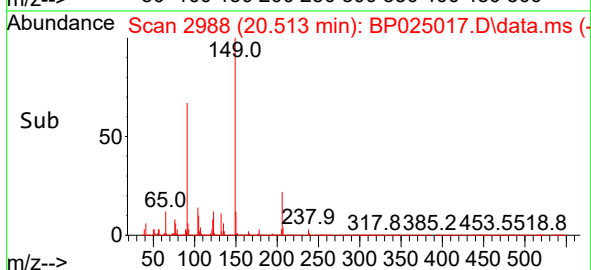
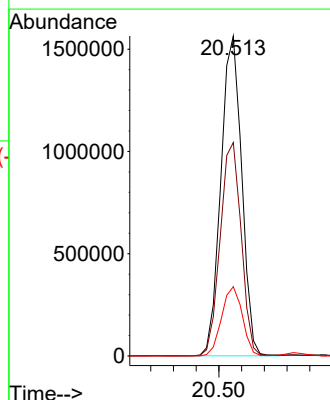
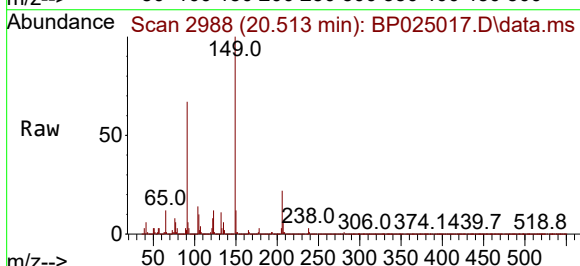
Tgt Ion:149 Resp: 1991876

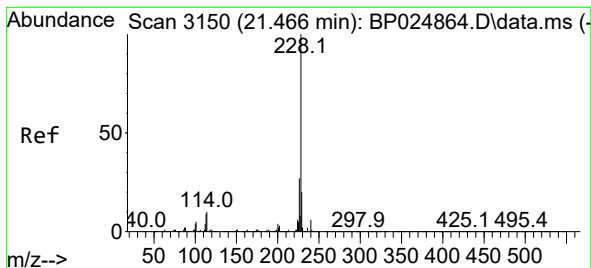
Ion Ratio Lower Upper

149 100

91 66.7 55.8 83.8

206 21.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.508 ng

RT: 21.471 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

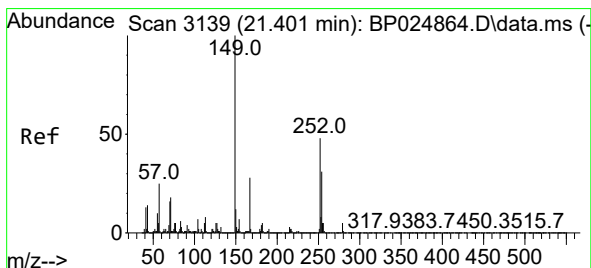
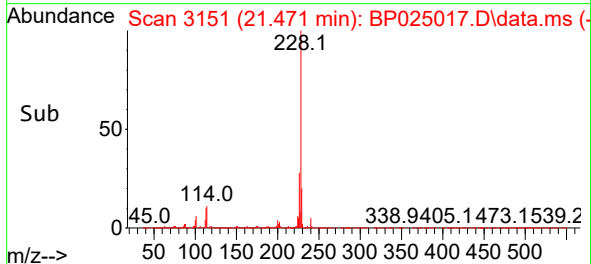
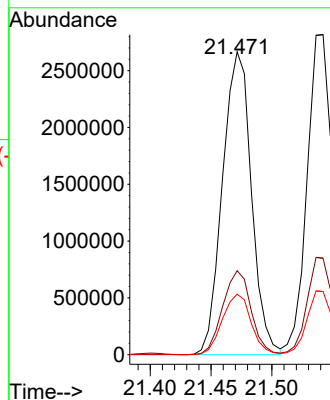
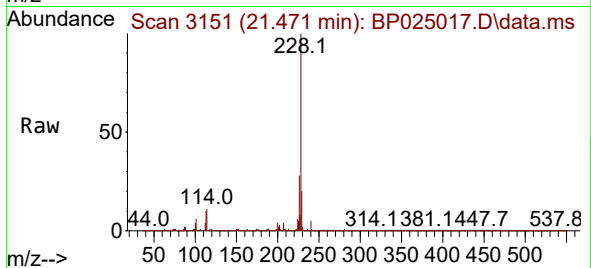
Tgt Ion:228 Resp: 4406047

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 34.655 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

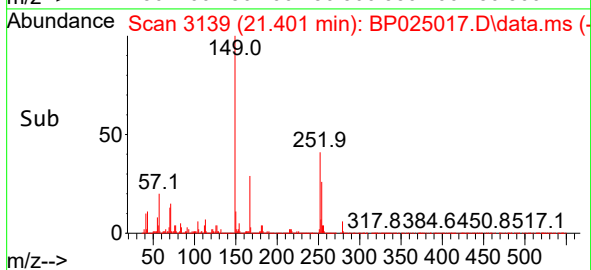
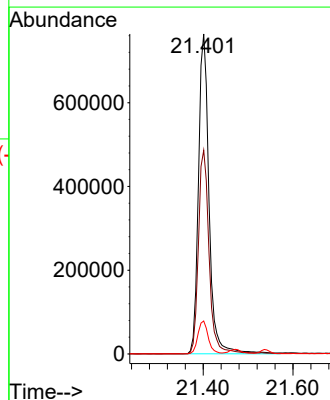
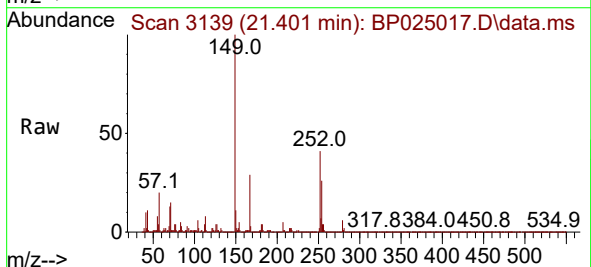
Tgt Ion:252 Resp: 1249689

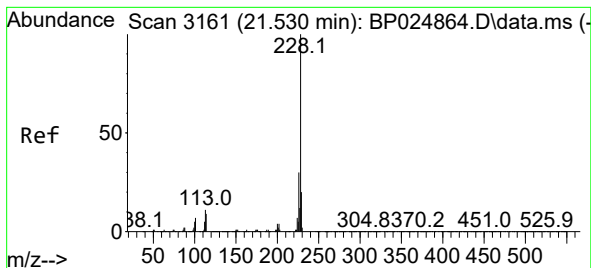
Ion Ratio Lower Upper

252 100

254 63.6 51.2 76.8

126 10.3 8.6 12.8





#83

Chrysene

Concen: 48.386 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

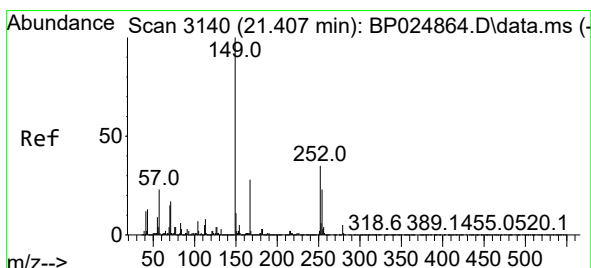
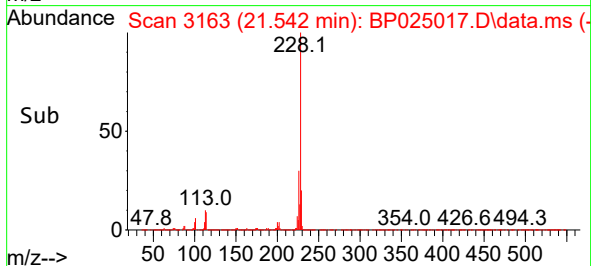
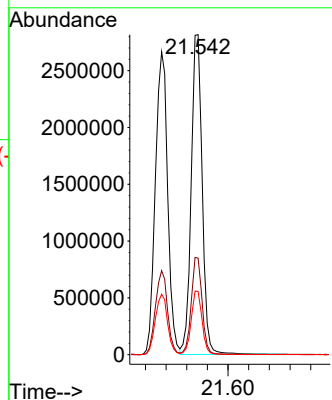
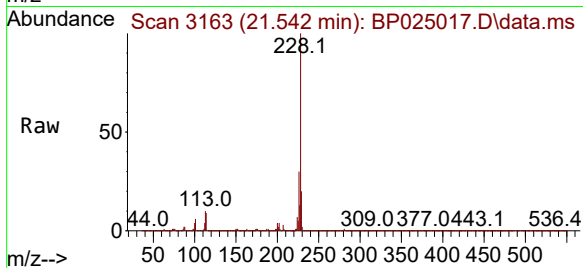
Tgt Ion:228 Resp: 4164349

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.881 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

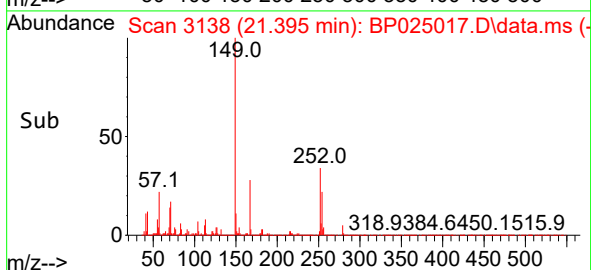
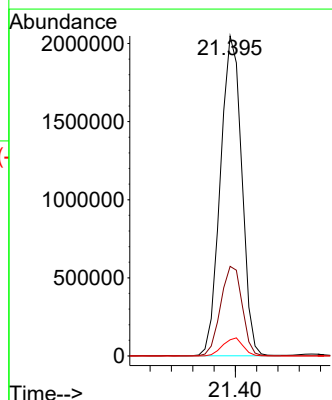
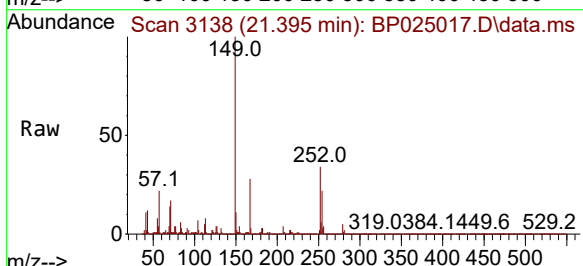
Tgt Ion:149 Resp: 2846234

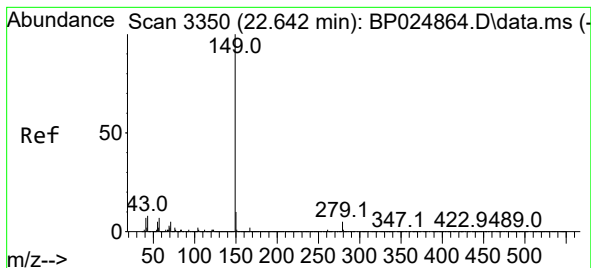
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.934 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

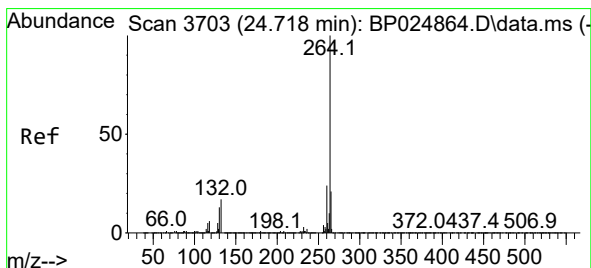
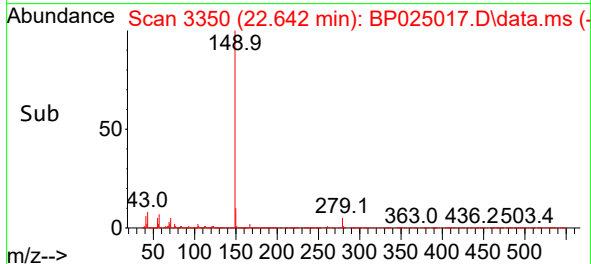
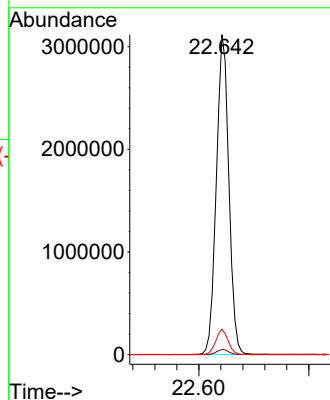
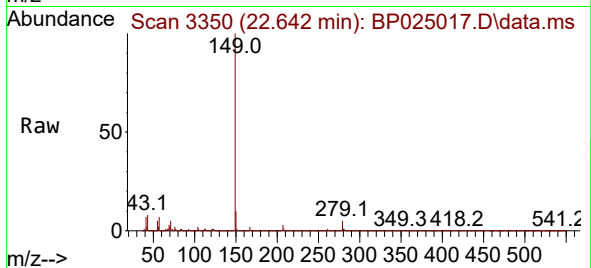
Tgt Ion:149 Resp: 4919656

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

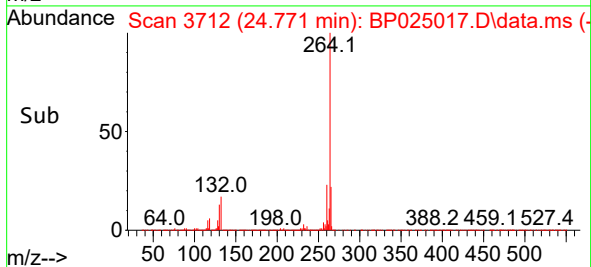
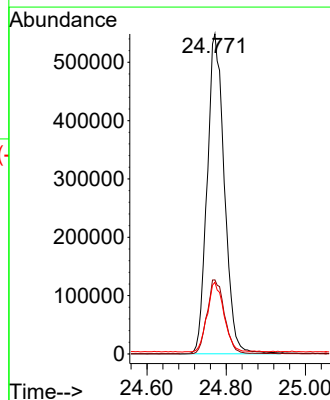
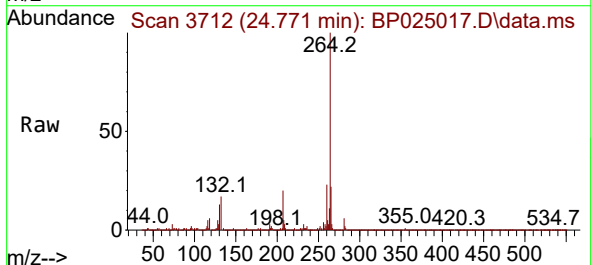
Tgt Ion:264 Resp: 1651105

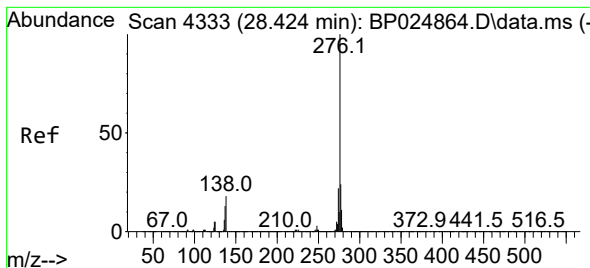
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.297 ng

RT: 28.495 min Scan# 41

Delta R.T. 0.070 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

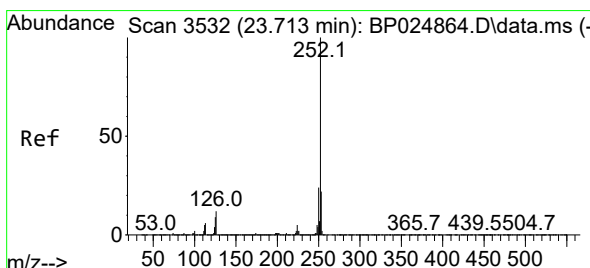
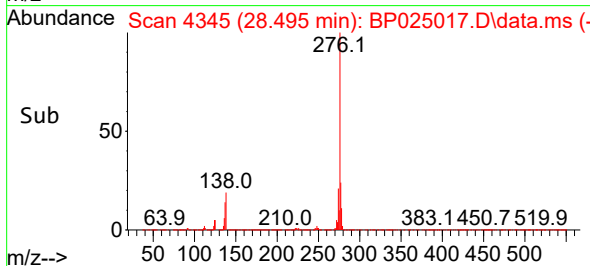
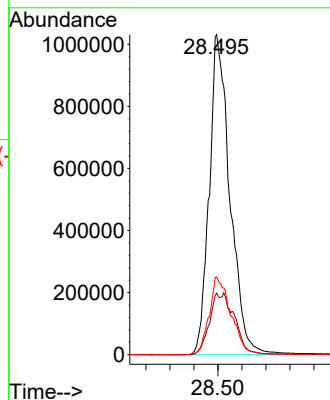
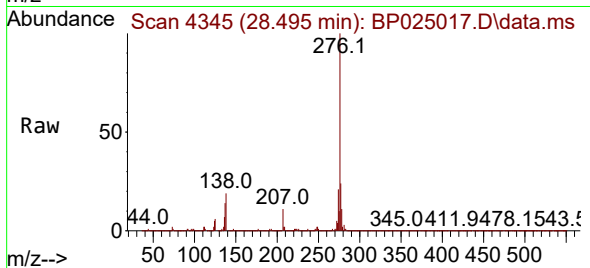
Tgt Ion:276 Resp: 6179696

Ion Ratio Lower Upper

276 100

138 9.6 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.545 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.023 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

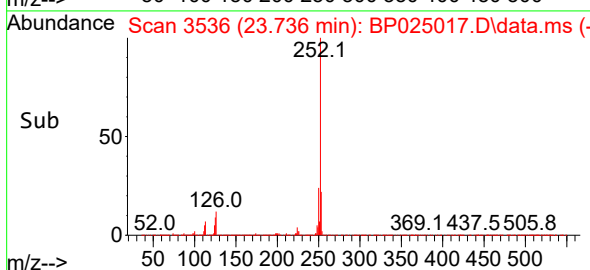
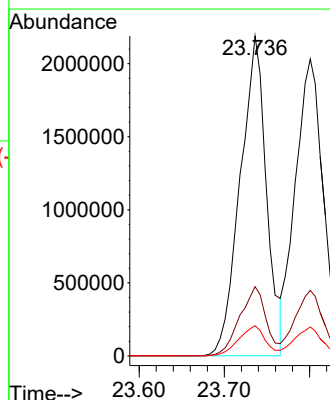
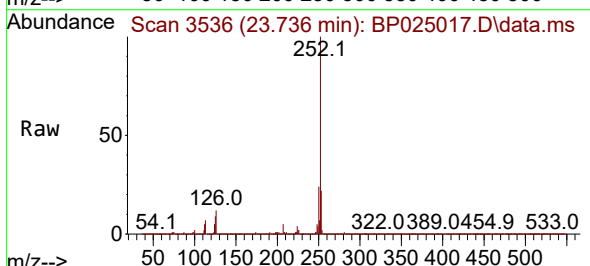
Tgt Ion:252 Resp: 4681660

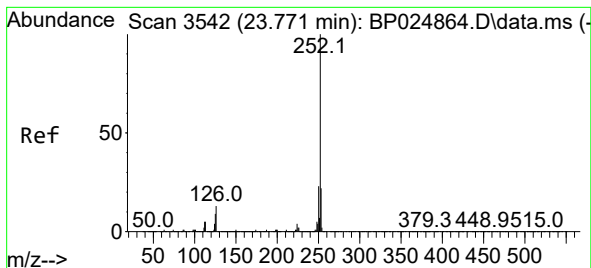
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 49.366 ng

RT: 23.801 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

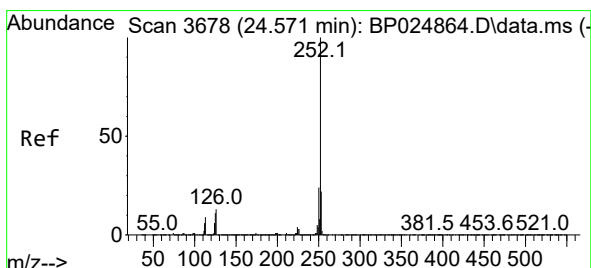
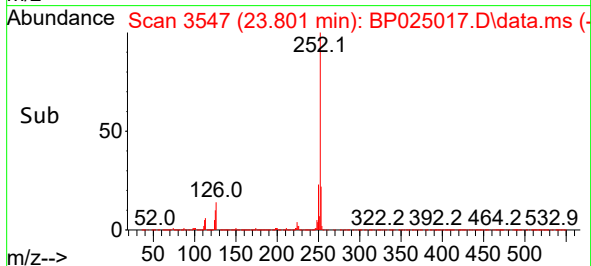
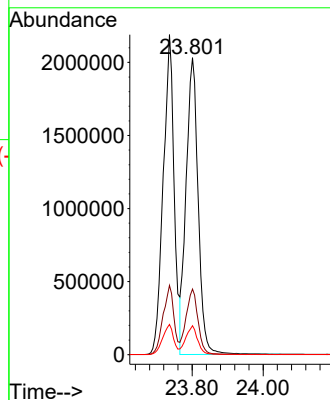
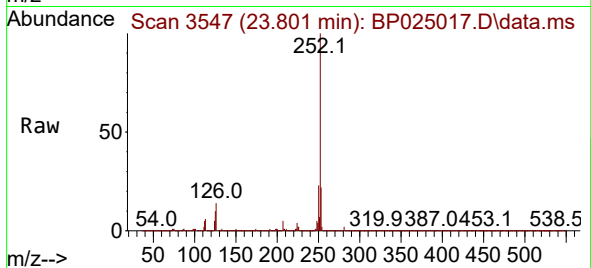
Tgt Ion:252 Resp: 4748312

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 7.4 11.0



#90

Benzo(a)pyrene

Concen: 50.001 ng

RT: 24.612 min Scan# 3685

Delta R.T. 0.041 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

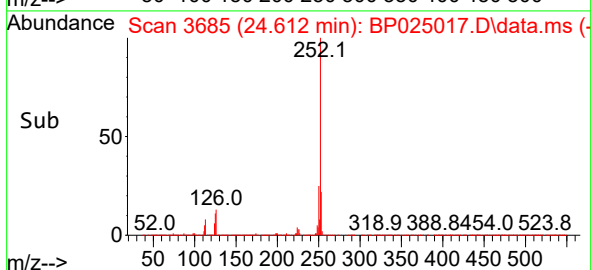
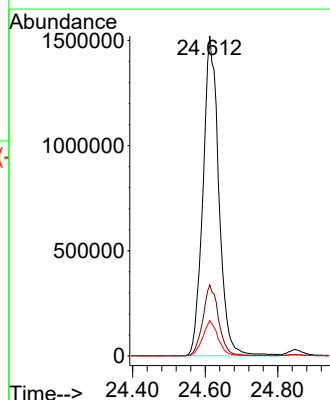
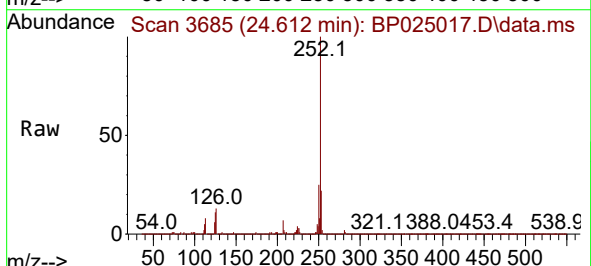
Tgt Ion:252 Resp: 4614137

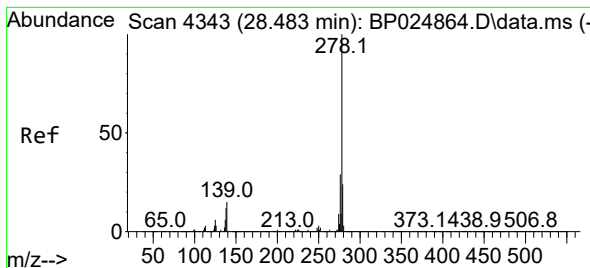
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.938 ng

RT: 28.565 min Scan# 41

Delta R.T. 0.082 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB168556BS

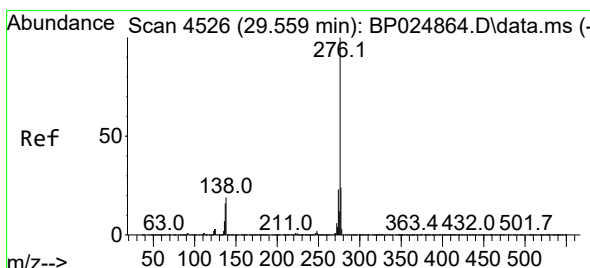
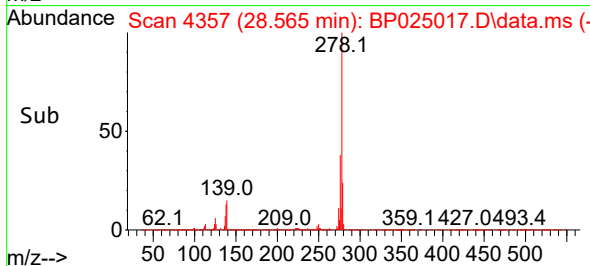
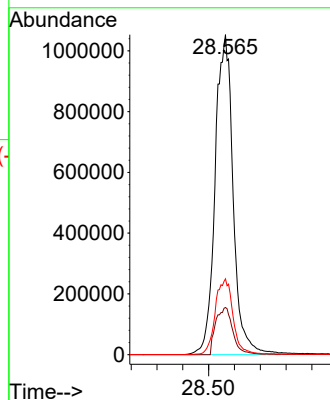
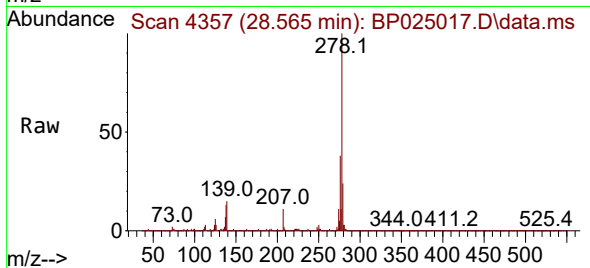
Tgt Ion:278 Resp: 5092914

Ion Ratio Lower Upper

278 100

139 14.7 12.0 18.0

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.454 ng

RT: 29.642 min Scan# 4540

Delta R.T. 0.082 min

Lab File: BP025017.D

Acq: 20 Jun 2025 14:13

Tgt Ion:276 Resp: 4908796

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 20.1 15.4 23.2

