

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025254.D
 Acq On : 28 Jul 2025 19:02
 Operator : CG/JU
 Sample : PB168971BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168971BSD

Quant Time: Jul 29 01:05:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	352130	20.000	ng	0.01
21) Naphthalene-d8	10.160	136	1303877	20.000	ng	0.01
39) Acenaphthene-d10	14.060	164	807015	20.000	ng	0.02
64) Phenanthrene-d10	16.866	188	1610135	20.000	ng	0.02
76) Chrysene-d12	21.283	240	1961863	20.000	ng	0.02
86) Perylene-d12	24.366	264	2401496	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.125	112	2611935	125.330	ng	0.03
7) Phenol-d6	6.672	99	3009773	116.604	ng	0.04
23) Nitrobenzene-d5	8.561	82	1929647	82.244	ng	0.02
42) 2,4,6-Tribromophenol	15.601	330	1385995	116.498	ng	0.03
45) 2-Fluorobiphenyl	12.654	172	4775500	83.426	ng	0.00
79) Terphenyl-d14	19.625	244	8119626	81.700	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.131	88	304688	39.009	ng	98
3) Pyridine	3.567	79	758004	36.254	ng	98
4) n-Nitrosodimethylamine	3.420	42	368174	44.403	ng	# 92
6) Aniline	6.878	93	843004	24.985	ng	# 57
8) 2-Chlorophenol	7.025	128	988222	41.792	ng	100
9) Benzaldehyde	6.602	77	495931	28.338	ng	96
10) Phenol	6.696	94	1110643	41.490	ng	94
11) bis(2-Chloroethyl)ether	6.878	93	843004	41.077	ng	100
12) 1,3-Dichlorobenzene	7.319	146	1112175	41.824	ng	98
13) 1,4-Dichlorobenzene	7.461	146	1130193	42.106	ng	99
14) 1,2-Dichlorobenzene	7.766	146	1084078	41.984	ng	99
15) Benzyl Alcohol	7.696	79	577665	31.026	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1023842	38.990	ng	96
17) 2-Methylphenol	7.908	107	751608	40.500	ng	97
18) Hexachloroethane	8.472	117	413757	44.824	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	610170	39.295	ng	99
20) 3+4-Methylphenols	8.231	107	963254	38.051	ng	# 73
22) Acetophenone	8.243	105	1374951	45.318	ng	# 93
24) Nitrobenzene	8.602	77	970741	46.414	ng	95
25) Isophorone	9.149	82	1693653	41.049	ng	97
26) 2-Nitrophenol	9.302	139	501165	41.727	ng	96
27) 2,4-Dimethylphenol	9.396	122	824426	41.022	ng	95
28) bis(2-Chloroethoxy)met...	9.608	93	1096365	42.483	ng	98
29) 2,4-Dichlorophenol	9.866	162	886119	42.918	ng	98
30) 1,2,4-Trichlorobenzene	10.031	180	1002897	44.472	ng	100
31) Naphthalene	10.213	128	2864135	42.927	ng	100
32) Benzoic acid	9.613	122	380743	24.816	ng	97
34) Hexachlorobutadiene	10.502	225	650147	47.900	ng	100
35) Caprolactam	11.284	113	227075	33.138	ng	94
36) 4-Chloro-3-methylphenol	11.513	107	825580	40.000	ng	99
37) 2-Methylnaphthalene	11.831	142	1809262	41.760	ng	98
38) 1-Methylnaphthalene	12.060	142	1922679	42.247	ng	100
40) 1,2,4,5-Tetrachloroben...	12.213	216	1132232	46.805	ng	99
41) Hexachlorocyclopentadiene	12.196	237	1671403	115.746	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	707345	42.796	ng	99
44) 2,4,5-Trichlorophenol	12.578	196	767861	42.216	ng	98

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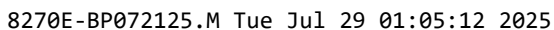
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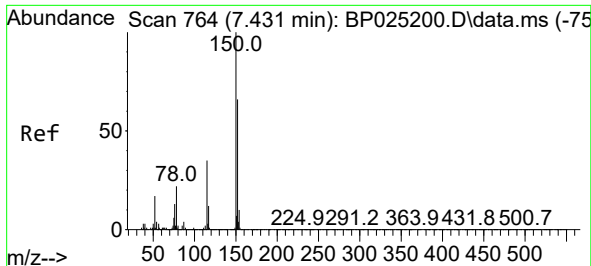
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	12.878	154	2587820	44.235	ng	99
47) 2-Chloronaphthalene	12.913	162	2033663	44.525	ng	99
48) 2-Nitroaniline	13.154	65	499476	42.822	ng	95
49) Acenaphthylene	13.778	152	3282545	44.434	ng	99
50) Dimethylphthalate	13.543	163	2547374	44.137	ng	99
51) 2,6-Dinitrotoluene	13.649	165	556289	44.359	ng	89
52) Acenaphthene	14.131	154	1858989	43.517	ng	98
53) 3-Nitroaniline	14.013	138	88425	6.253	ng	# 92
54) 2,4-Dinitrophenol	14.201	184	651812	87.724	ng	93
55) Dibenzofuran	14.478	168	3106102	45.014	ng	96
56) 4-Nitrophenol	14.372	139	559852	46.264	ng	87
57) 2,4-Dinitrotoluene	14.454	165	806037	45.917	ng	# 92
58) Fluorene	15.125	166	2497444	45.589	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.719	232	697117	43.308	ng	97
60) Diethylphthalate	14.937	149	2650401	46.592	ng	99
61) 4-Chlorophenyl-phenylether	15.137	204	1294226	46.754	ng	97
62) 4-Nitroaniline	15.195	138	210589	14.642	ng	83
63) Azobenzene	15.437	77	2226311	48.027	ng	96
65) 4,6-Dinitro-2-methylph...	15.237	198	415594	39.995	ng	95
66) n-Nitrosodiphenylamine	15.360	169	2116043	43.298	ng	99
67) 4-Bromophenyl-phenylether	16.054	248	851652	45.322	ng	96
68) Hexachlorobenzene	16.160	284	972837	43.594	ng	92
69) Atrazine	16.384	200	699725	38.692	ng	98
70) Pentachlorophenol	16.519	266	1178147	77.637	ng	99
71) Phenanthrene	16.901	178	3922326	45.166	ng	100
72) Anthracene	17.001	178	3968695	45.364	ng	99
73) Carbazole	17.301	167	3670871	43.955	ng	100
74) Di-n-butylphthalate	17.901	149	4575346	47.481	ng	99
75) Fluoranthene	19.001	202	4776478	46.734	ng	99
78) Pyrene	19.384	202	4885374	40.386	ng	99
80) Butylbenzylphthalate	20.360	149	2107782	38.493	ng	95
81) Benzo(a)anthracene	21.266	228	5613847	45.312	ng	99
82) 3,3'-Dichlorobenzidine	21.201	252	850067	16.552	ng	100
83) Chrysene	21.325	228	5253526	45.425	ng	99
84) Bis(2-ethylhexyl)phtha...	21.230	149	3419201	43.670	ng	99
85) Di-n-octyl phthalate	22.419	149	6027069	44.578	ng	99
87) Indeno(1,2,3-cd)pyrene	27.842	276	8333397	47.485	ng	94
88) Benzo(b)fluoranthene	23.383	252	6333186	46.072	ng	99
89) Benzo(k)fluoranthene	23.454	252	6358290	46.853	ng	99
90) Benzo(a)pyrene	24.207	252	6111517	45.567	ng	99
91) Dibenzo(a,h)anthracene	27.918	278	6914989	48.296	ng	98
92) Benzo(g,h,i)perylene	28.901	276	6749210	47.966	ng	100

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

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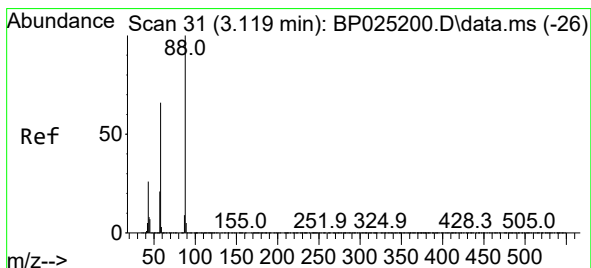
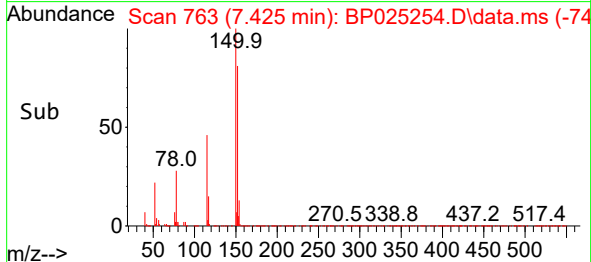
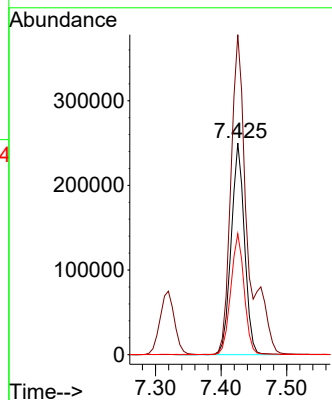
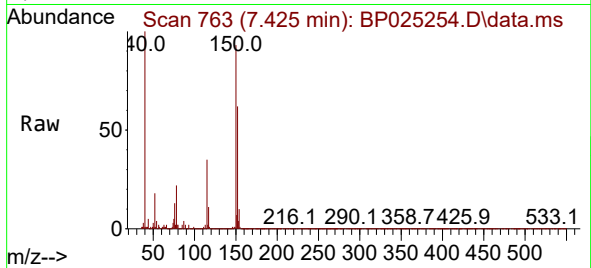




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 70
Delta R.T. 0.011 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

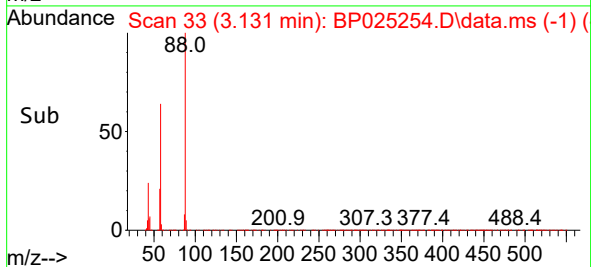
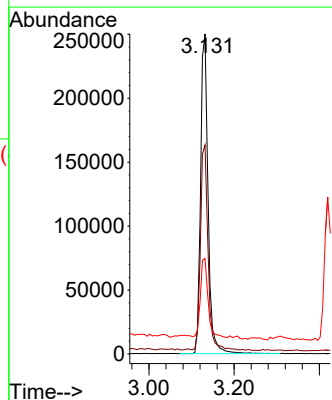
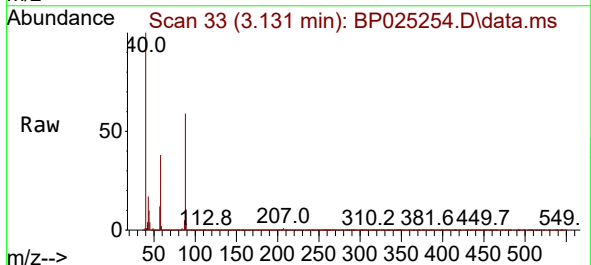
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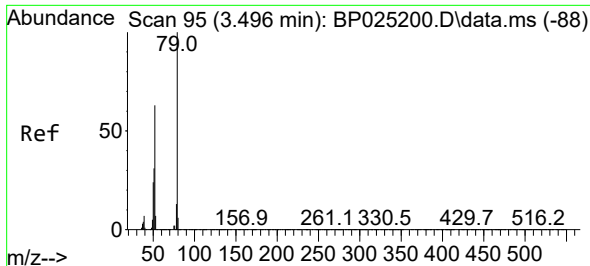
Tgt Ion:152 Resp: 352130
Ion Ratio Lower Upper
152 100
150 151.1 121.9 182.9
115 57.1 43.0 64.6



#2
1,4-Dioxane
Concen: 39.009 ng
RT: 3.131 min Scan# 33
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 88 Resp: 304688
Ion Ratio Lower Upper
88 100
58 65.0 53.5 80.3
43 24.9 20.8 31.2

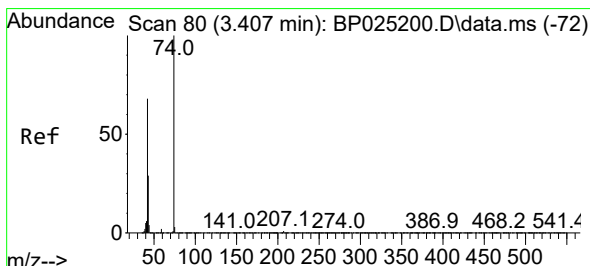
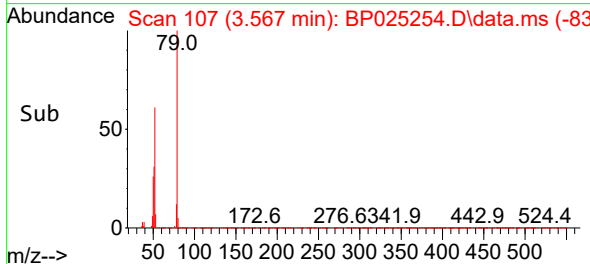
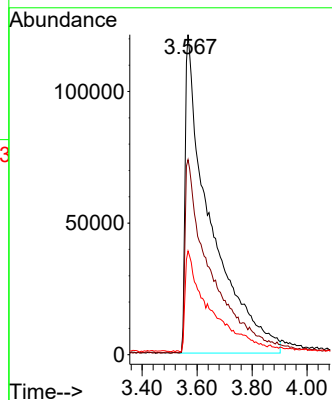
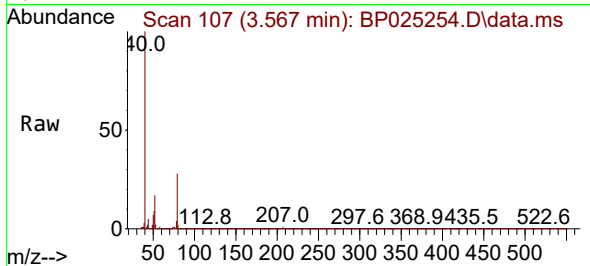




#3
 Pyridine
 Concen: 36.254 ng
 RT: 3.567 min Scan# 107
 Delta R.T. 0.041 min
 Lab File: BP025254.D
 Acq: 28 Jul 2025 19:02

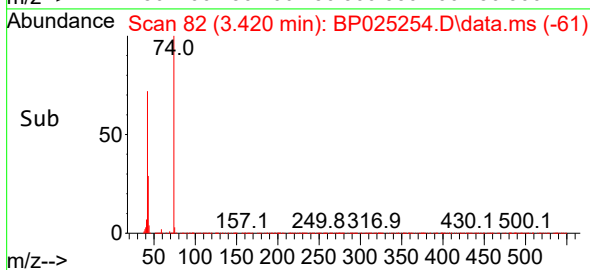
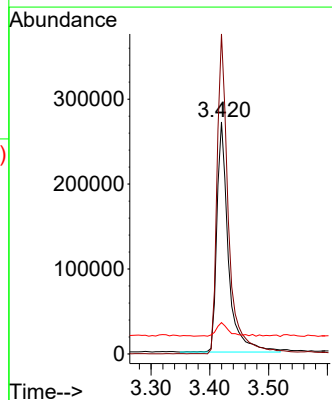
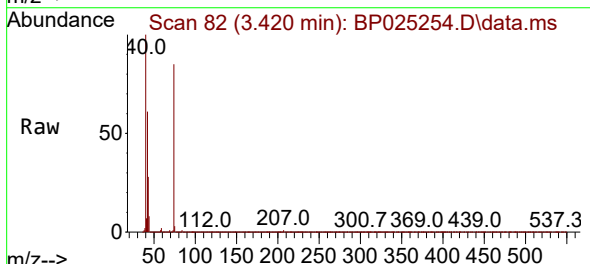
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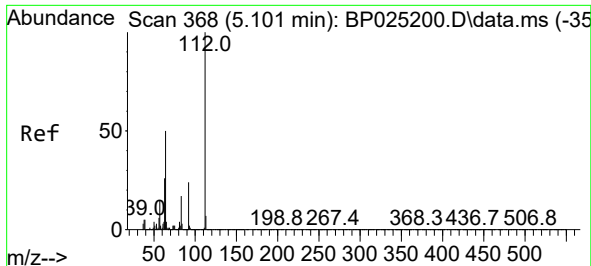
Tgt Ion: 79 Resp: 758004
 Ion Ratio Lower Upper
 79 100
 52 61.0 50.2 75.4
 51 32.4 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 44.403 ng
 RT: 3.420 min Scan# 82
 Delta R.T. 0.024 min
 Lab File: BP025254.D
 Acq: 28 Jul 2025 19:02

Tgt Ion: 42 Resp: 368174
 Ion Ratio Lower Upper
 42 100
 74 137.9 118.0 177.0
 44 13.5 5.5 8.3

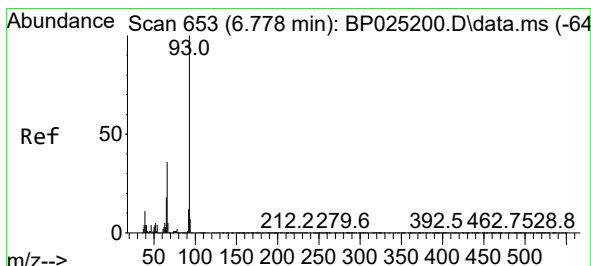
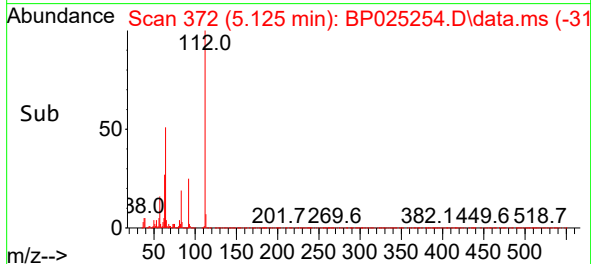
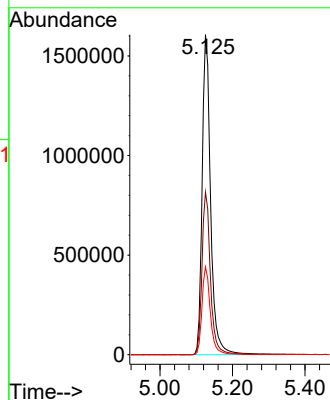
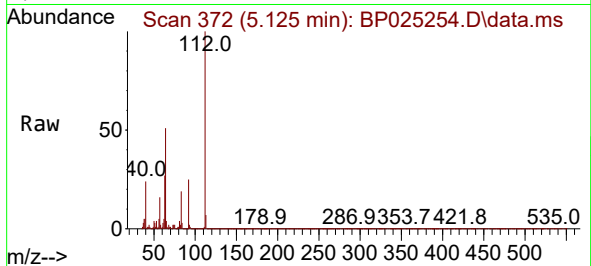




#5
2-Fluorophenol
Concen: 125.330 ng
RT: 5.125 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

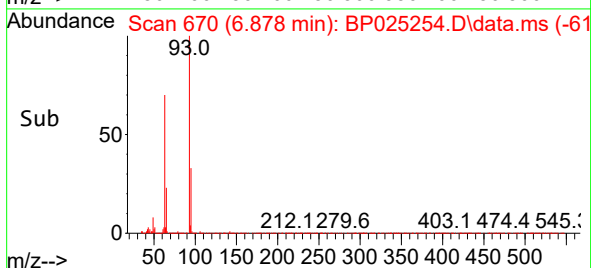
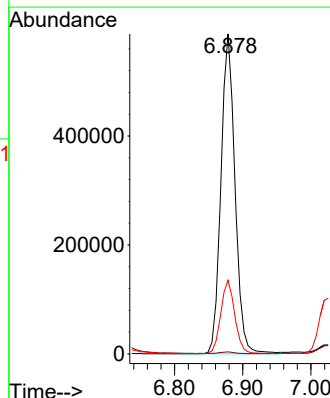
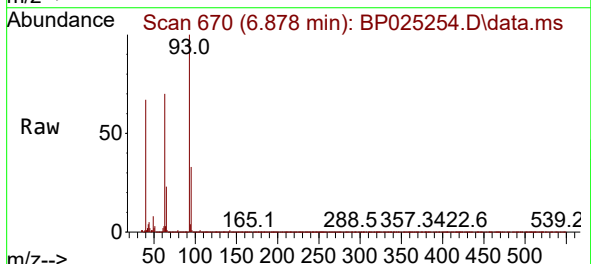
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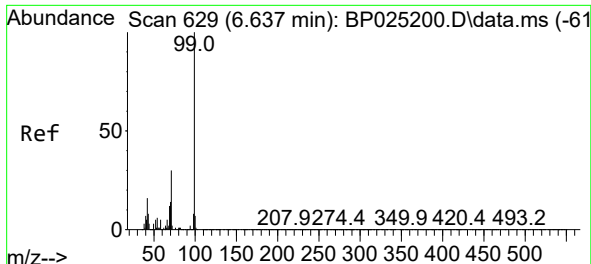
Tgt Ion:112 Resp: 2611935
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.6
63 27.5 20.5 30.7



#6
Aniline
Concen: 24.985 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 93 Resp: 843004
Ion Ratio Lower Upper
93 100
66 0.7 28.6 43.0#
65 23.1 14.6 21.8#

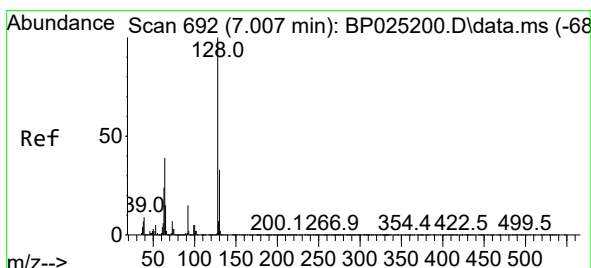
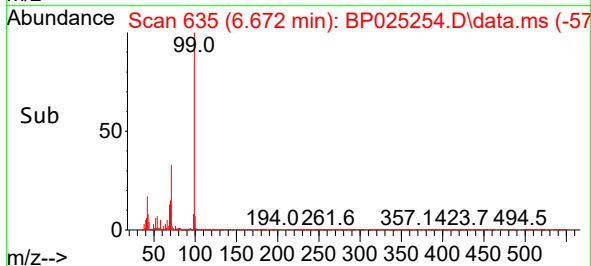
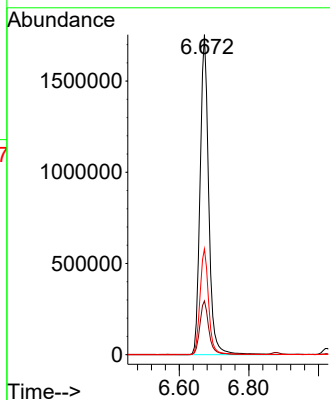
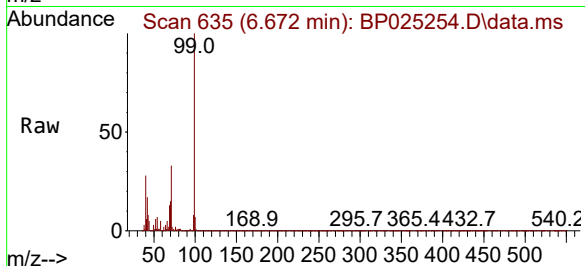




#7
Phenol-d6
Concen: 116.604 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.035 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

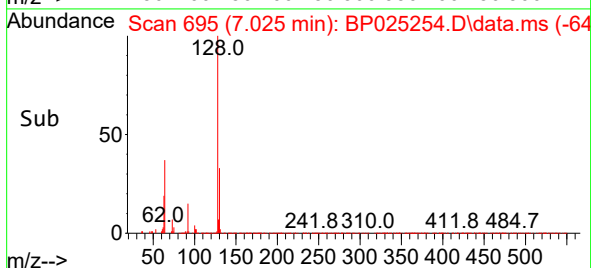
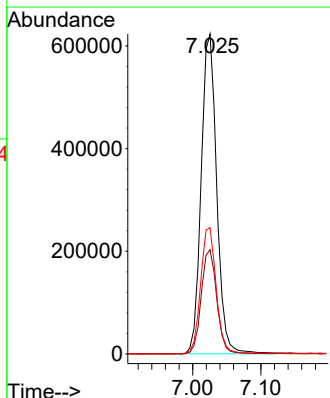
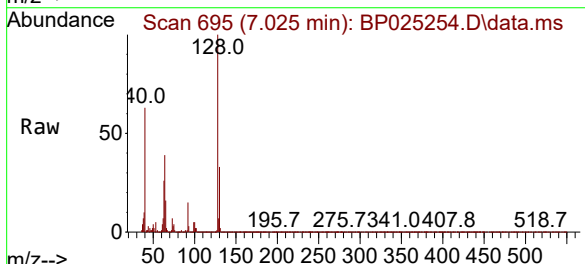
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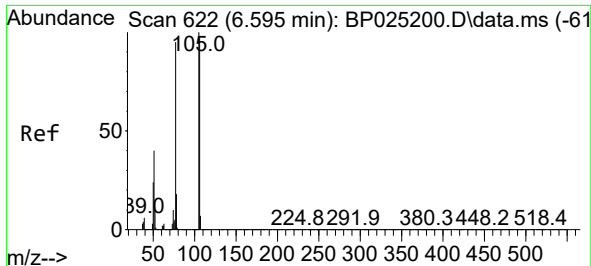
Tgt Ion: 99 Resp: 3009773
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 33.1 24.2 36.2



#8
2-Chlorophenol
Concen: 41.792 ng
RT: 7.025 min Scan# 695
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:128 Resp: 988222
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 39.5 19.2 59.2

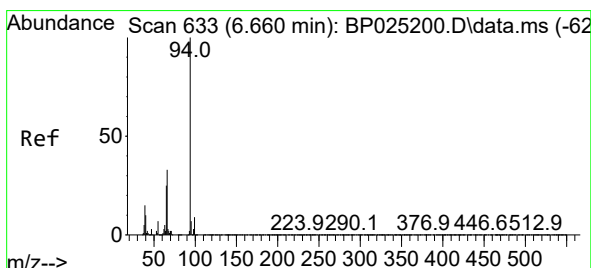
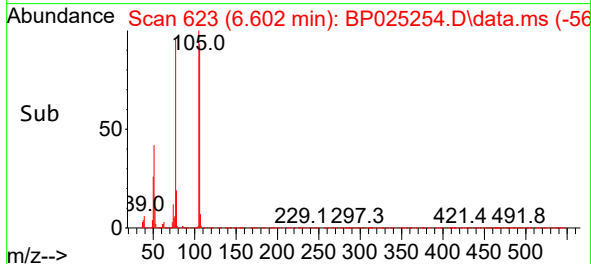
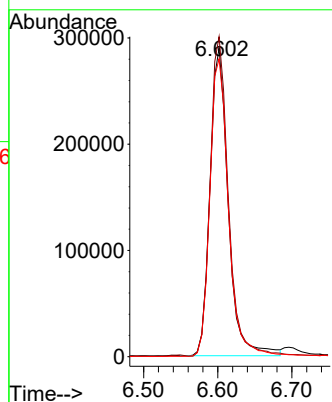
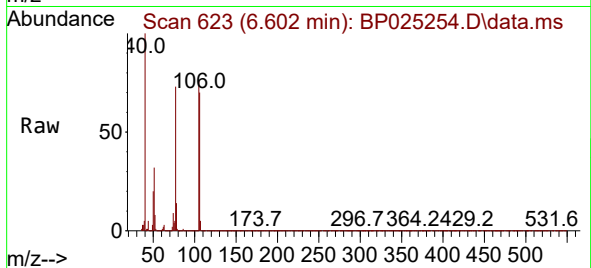




#9
Benzaldehyde
Concen: 28.338 ng
RT: 6.602 min Scan# 61
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

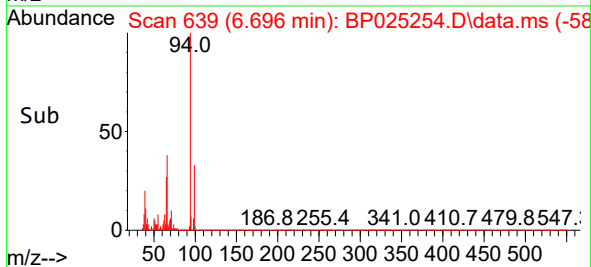
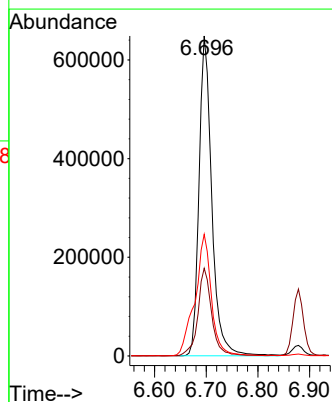
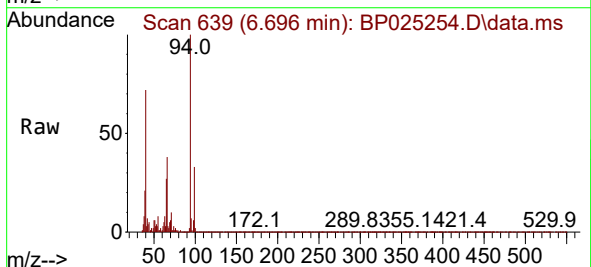
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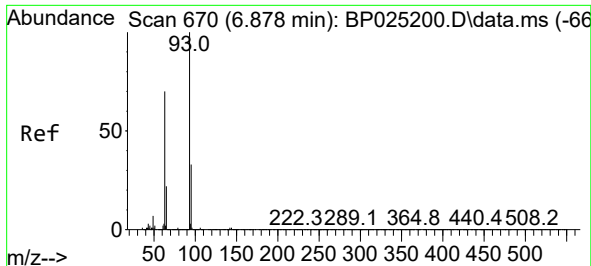
Tgt Ion: 77 Resp: 495931
Ion Ratio Lower Upper
77 100
105 103.7 85.5 125.5
106 96.5 81.9 121.9



#10
Phenol
Concen: 41.490 ng
RT: 6.696 min Scan# 639
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 94 Resp: 1110643
Ion Ratio Lower Upper
94 100
65 27.4 5.4 45.4
66 38.0 13.5 53.5

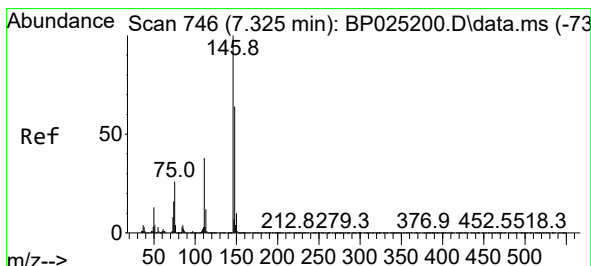
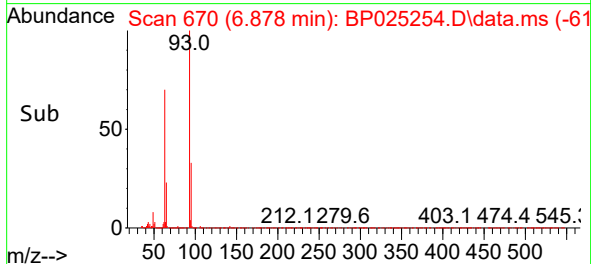
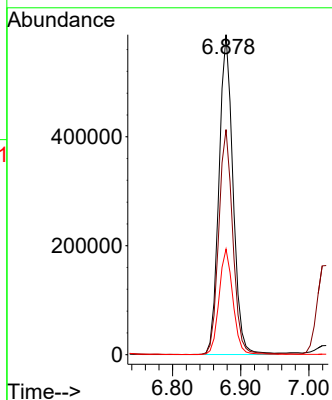
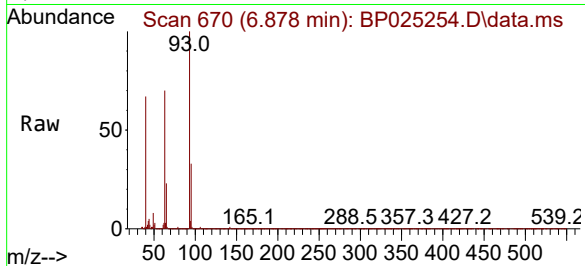




#11
bis(2-Chloroethyl)ether
Concen: 41.077 ng
RT: 6.878 min Scan# 611
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

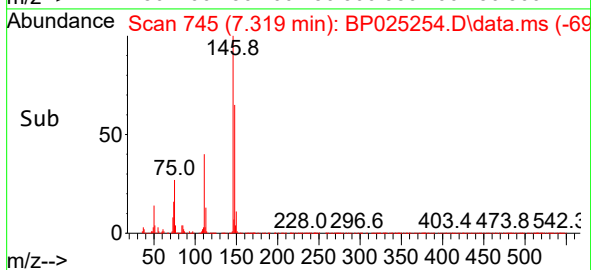
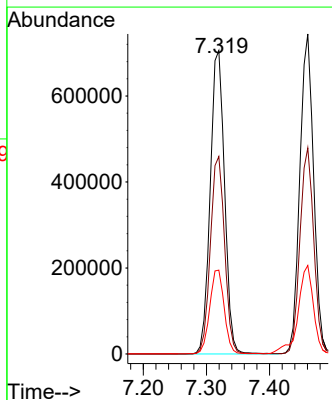
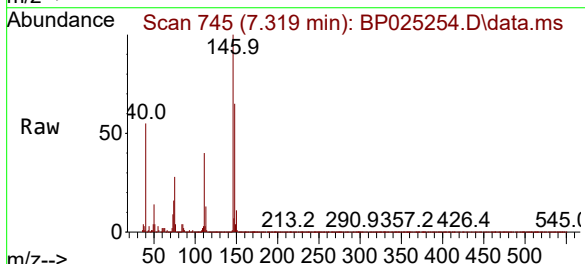
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

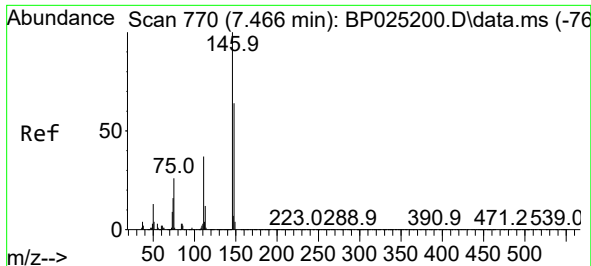
Tgt Ion: 93 Resp: 843004
Ion Ratio Lower Upper
93 100
63 70.4 50.0 90.0
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.824 ng
RT: 7.319 min Scan# 745
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 146 Resp: 1112175
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
75 27.6 20.6 31.0

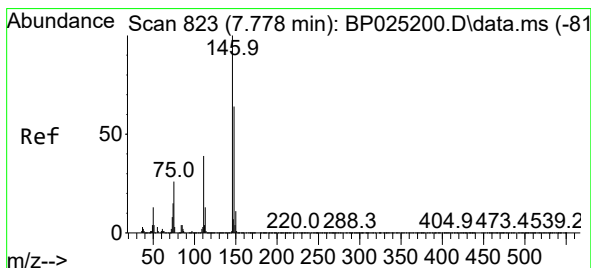
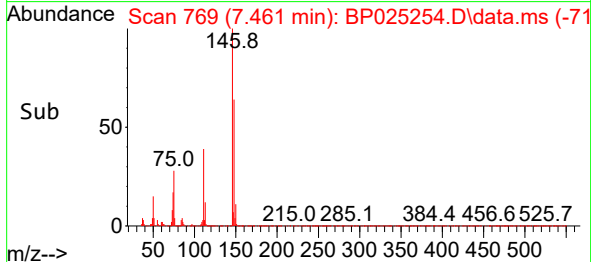
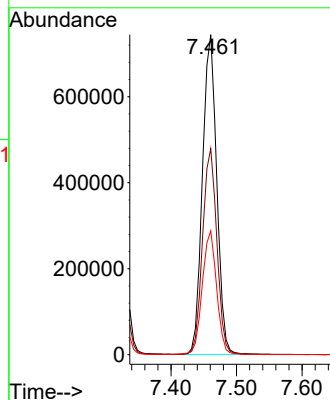
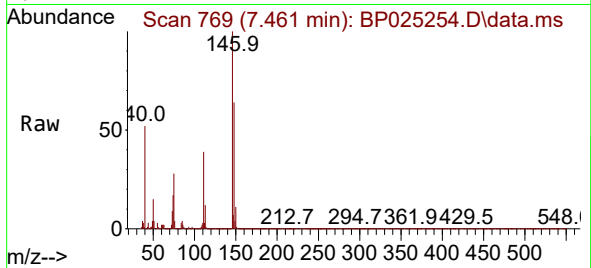




#13
1,4-Dichlorobenzene
Concen: 42.106 ng
RT: 7.461 min Scan# 70
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

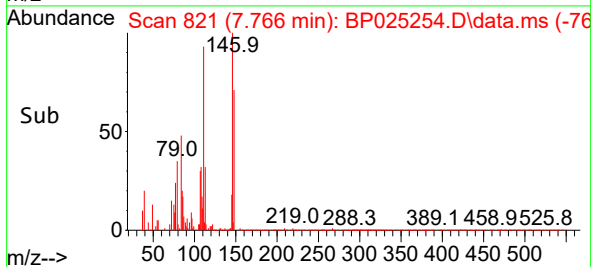
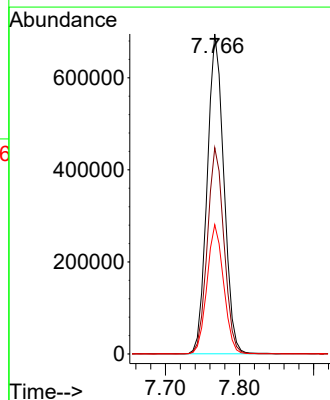
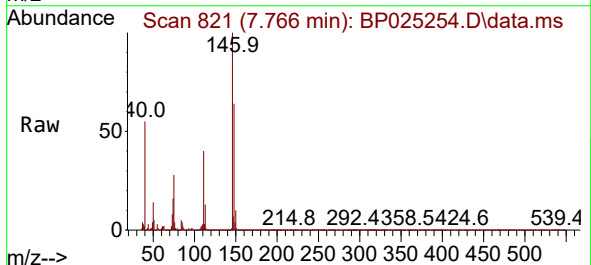
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

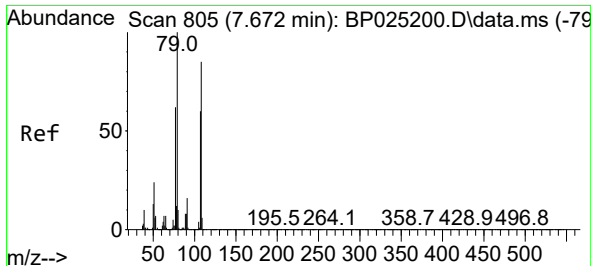
Tgt Ion:146 Resp: 1130193
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 38.7 29.9 44.9



#14
1,2-Dichlorobenzene
Concen: 41.984 ng
RT: 7.766 min Scan# 821
Delta R.T. 0.012 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:146 Resp: 1084078
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 40.4 31.3 46.9

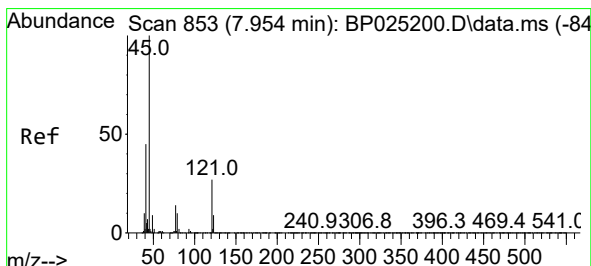
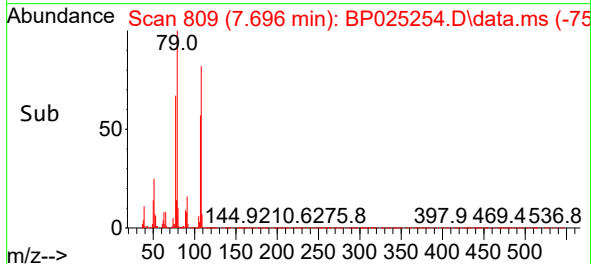
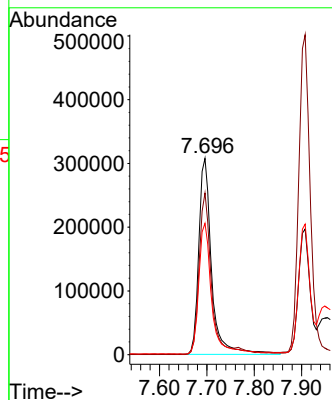
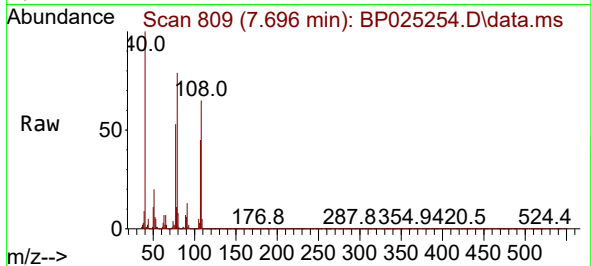




#15
Benzyl Alcohol
Concen: 31.026 ng
RT: 7.696 min Scan# 809
Delta R.T. 0.041 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

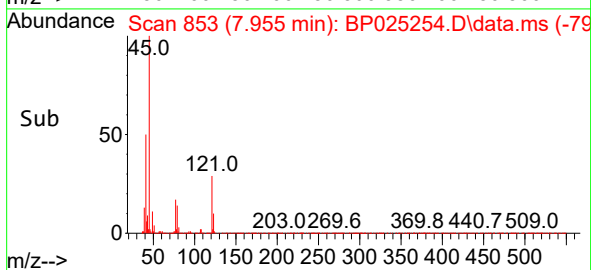
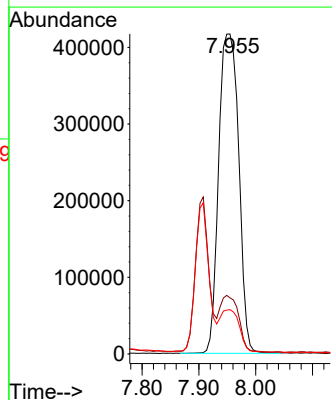
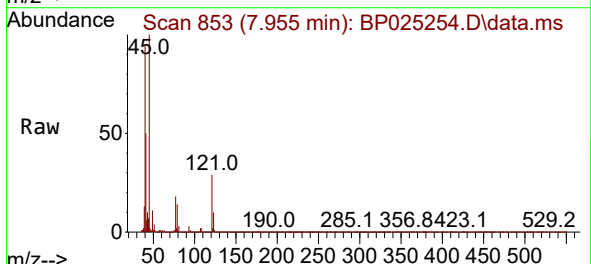
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

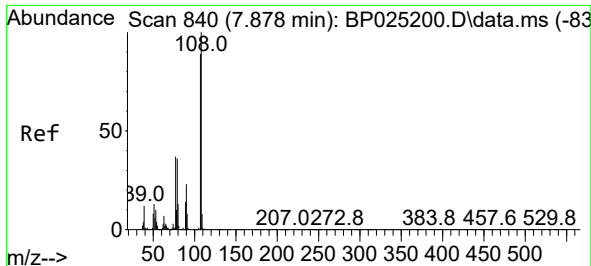
Tgt Ion: 79 Resp: 577665
Ion Ratio Lower Upper
79 100
108 82.4 67.8 101.6
77 66.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.990 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 45 Resp: 1023842
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.0
79 13.9 0.0 31.7

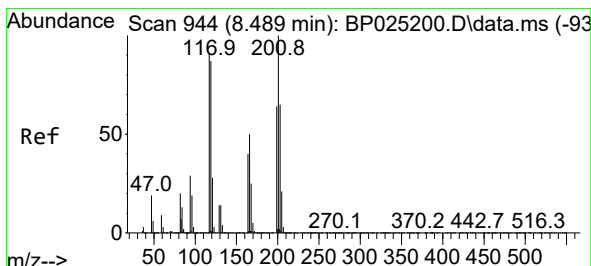
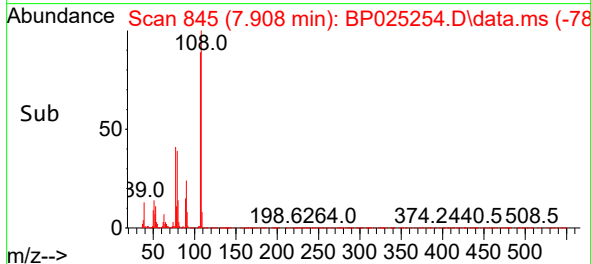
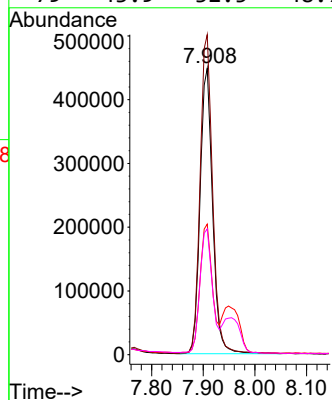
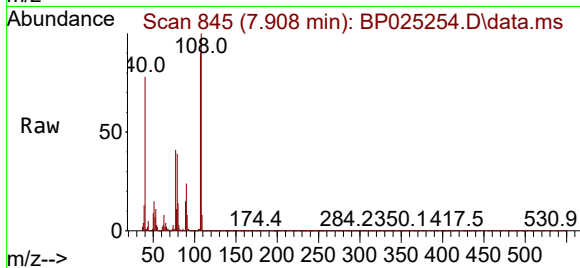




#17
2-Methylphenol
Concen: 40.500 ng
RT: 7.908 min Scan# 841
Delta R.T. 0.041 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

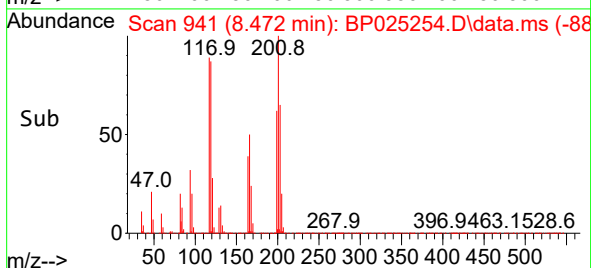
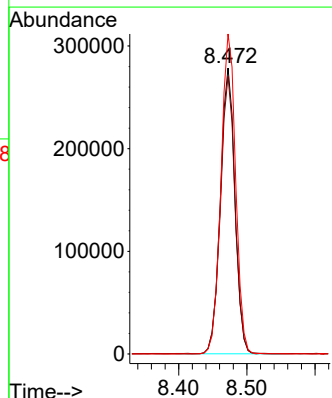
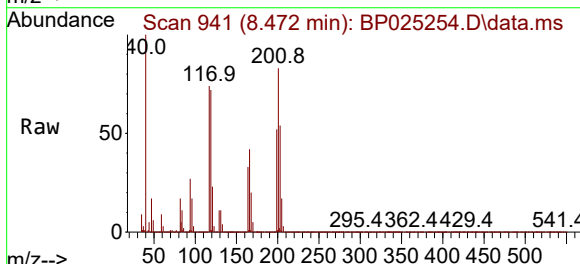
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

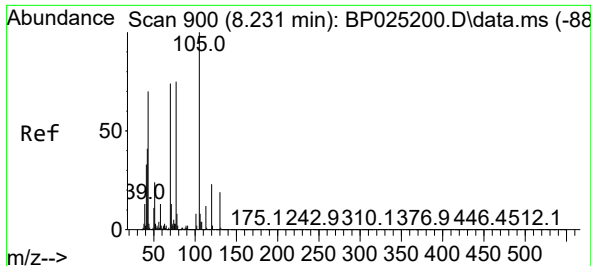
Tgt Ion:	107	Resp:	751608
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.8
77	45.6	33.2	49.8
79	43.9	32.5	48.7



#18
Hexachloroethane
Concen: 44.824 ng
RT: 8.472 min Scan# 941
Delta R.T. 0.012 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:	117	Resp:	413757
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.6
201	111.9	88.3	132.5

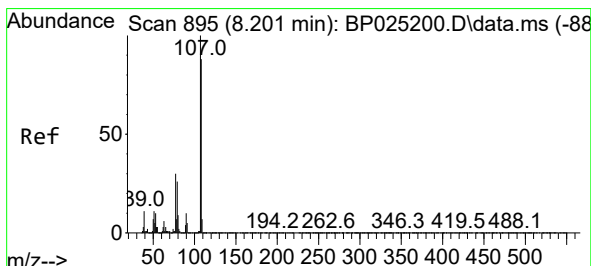
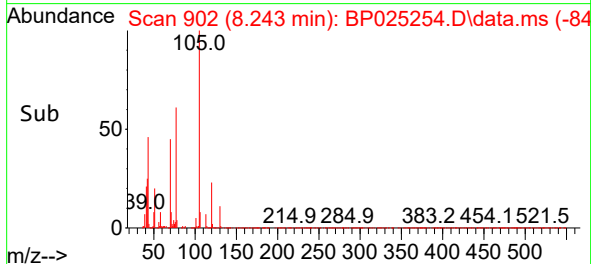
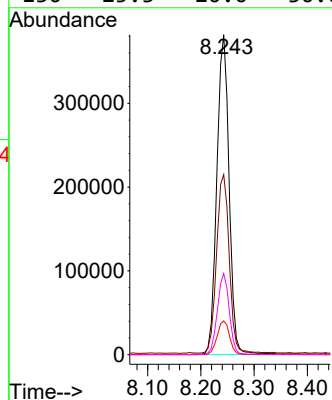
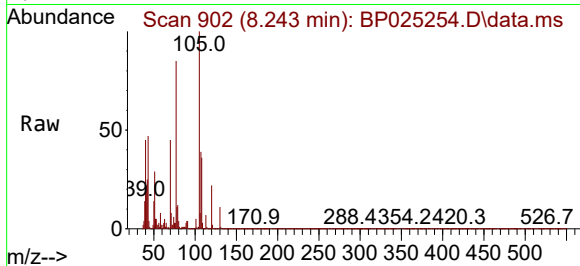




#19
n-Nitroso-di-n-propylamine
Concen: 39.295 ng
RT: 8.243 min Scan# 900
Delta R.T. 0.035 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

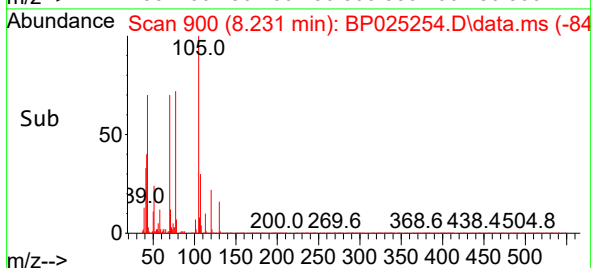
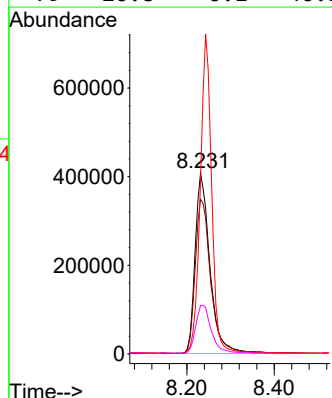
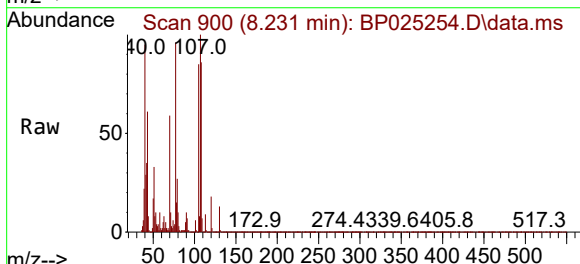
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

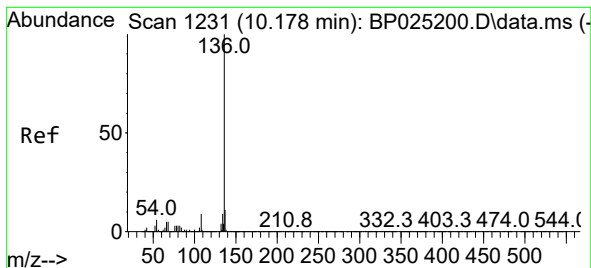
Tgt Ion: 70 Resp: 610170
Ion Ratio Lower Upper
70 100
42 56.3 44.2 66.2
101 10.5 8.6 12.8
130 25.3 20.0 30.0



#20
3+4-Methylphenols
Concen: 38.051 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.035 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 107 Resp: 963254
Ion Ratio Lower Upper
107 100
108 85.6 67.8 107.8
77 95.6 10.3 50.3#
79 26.8 6.1 46.1

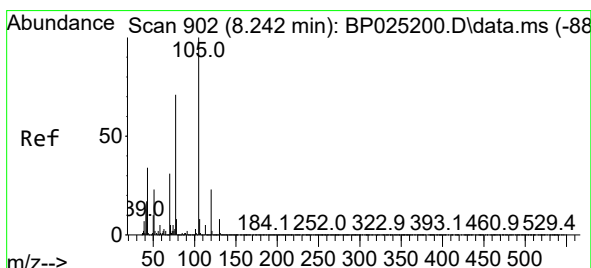
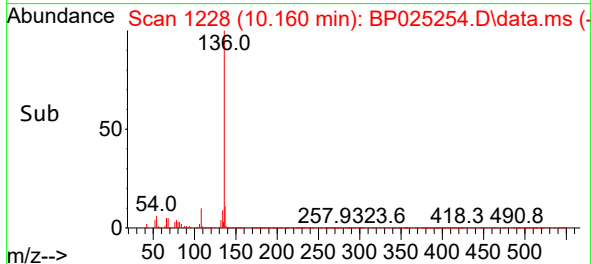
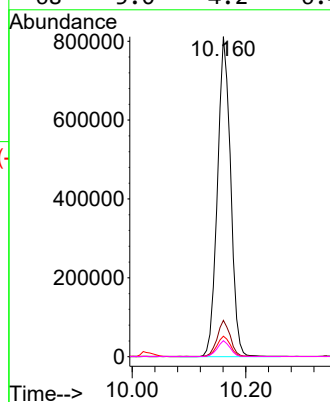
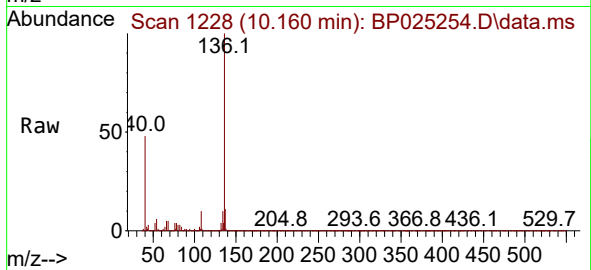




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.160 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

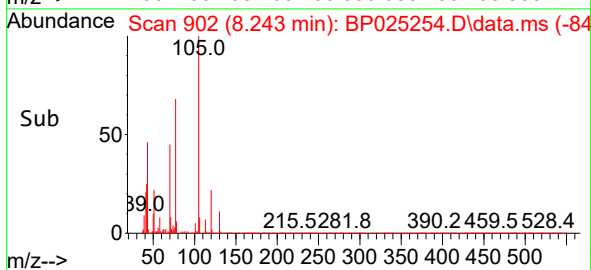
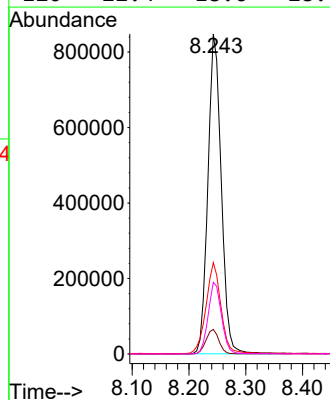
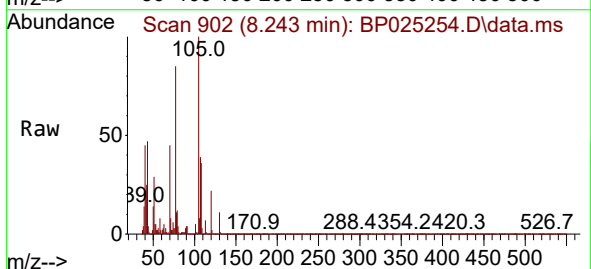
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

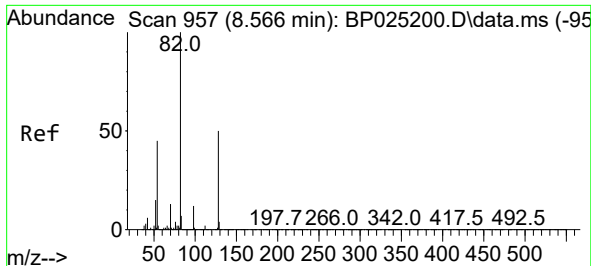
Tgt Ion:136 Resp: 1303877
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.4 5.1 7.7
68 5.0 4.2 6.4



#22
Acetophenone
Concen: 45.318 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:105 Resp: 1374951
Ion Ratio Lower Upper
105 100
71 7.7 4.1 6.1#
51 28.6 18.5 27.7#
120 22.4 18.6 28.0

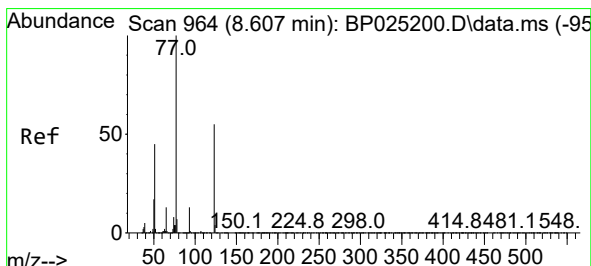
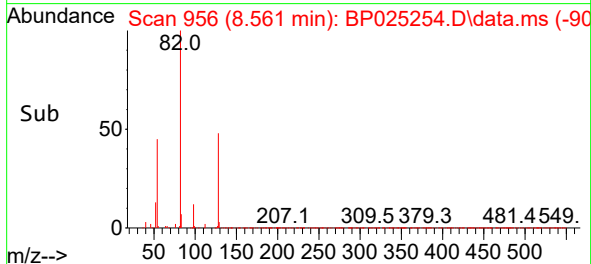
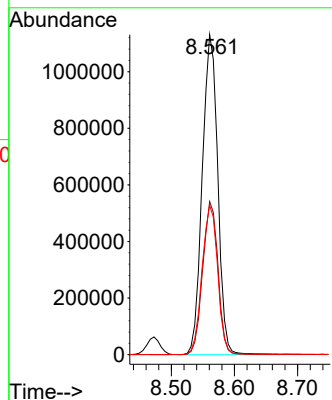
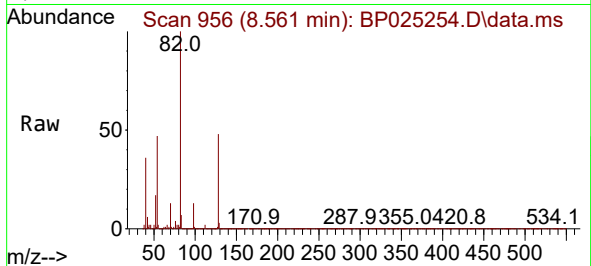




#23
Nitrobenzene-d5
Concen: 82.244 ng
RT: 8.561 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

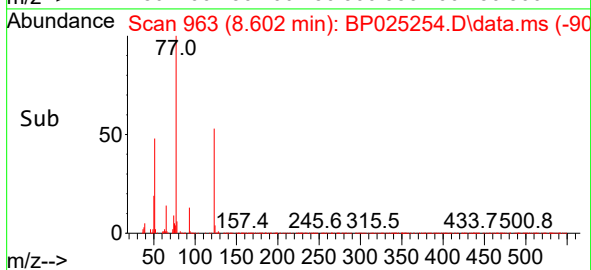
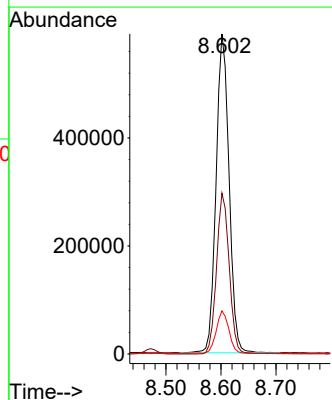
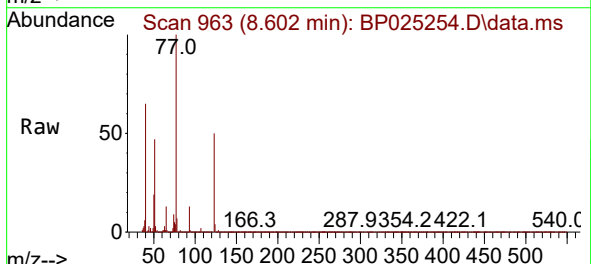
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

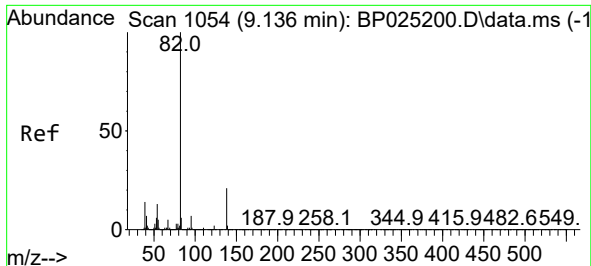
Tgt Ion: 82 Resp: 1929647
Ion Ratio Lower Upper
82 100
128 47.8 40.2 60.4
54 46.7 36.3 54.5



#24
Nitrobenzene
Concen: 46.414 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 77 Resp: 970741
Ion Ratio Lower Upper
77 100
123 50.3 43.6 65.4
65 13.4 10.2 15.2

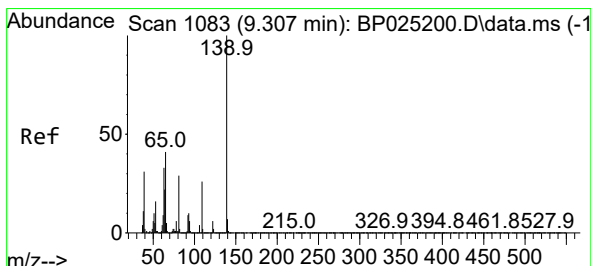
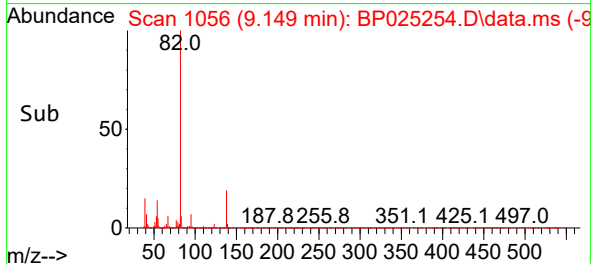
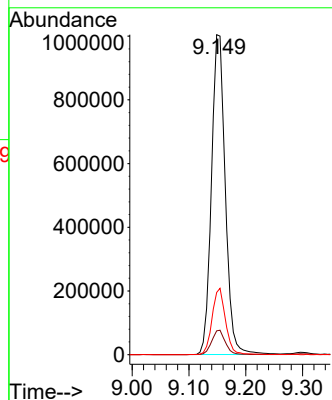
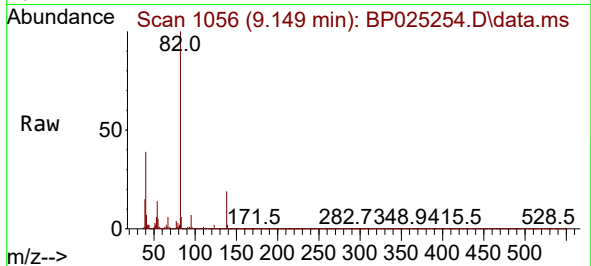




#25
Isophorone
Concen: 41.049 ng
RT: 9.149 min Scan# 1054
Delta R.T. 0.041 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

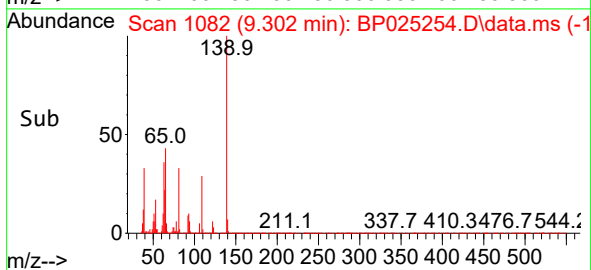
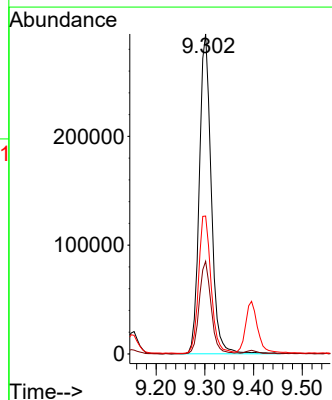
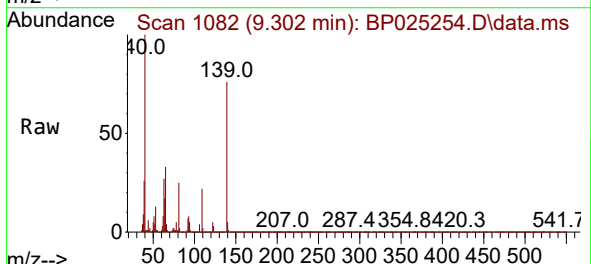
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

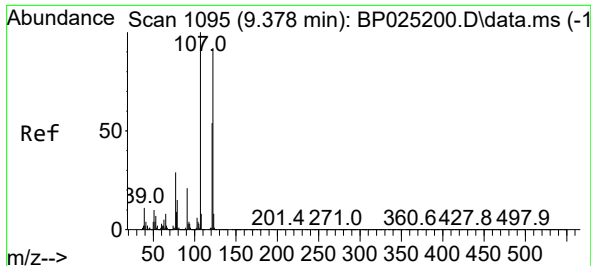
Tgt Ion: 82 Resp: 1693653
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 19.4 16.6 25.0



#26
2-Nitrophenol
Concen: 41.727 ng
RT: 9.302 min Scan# 1082
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:139 Resp: 501165
Ion Ratio Lower Upper
139 100
109 28.9 21.0 31.6
65 43.1 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 41.022 ng

RT: 9.396 min Scan# 1098

Delta R.T. 0.029 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

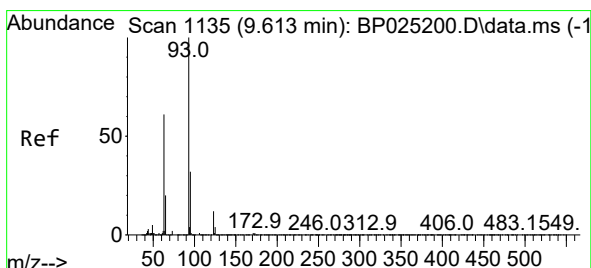
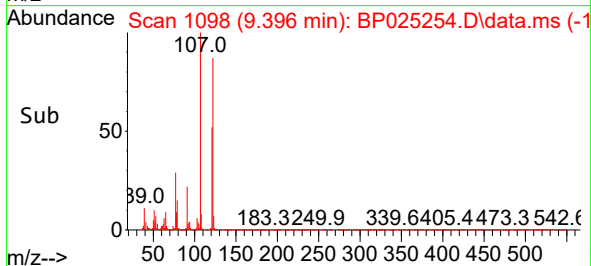
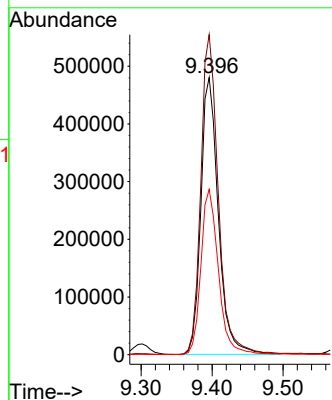
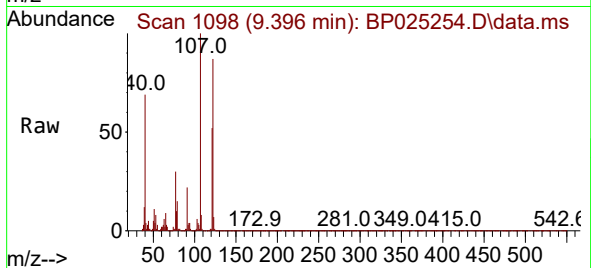
Tgt Ion:122 Resp: 824426

Ion Ratio Lower Upper

122 100

107 115.5 87.0 130.4

121 59.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.483 ng

RT: 9.608 min Scan# 1134

Delta R.T. 0.029 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

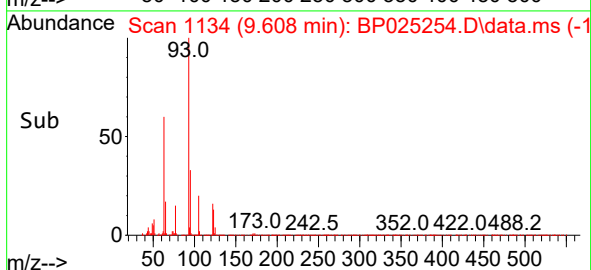
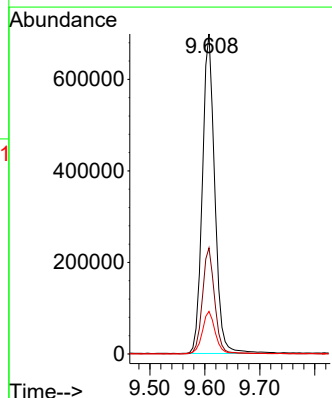
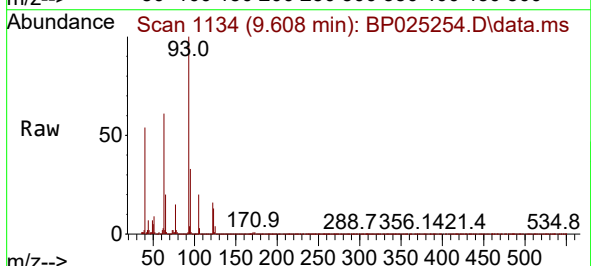
Tgt Ion: 93 Resp: 1096365

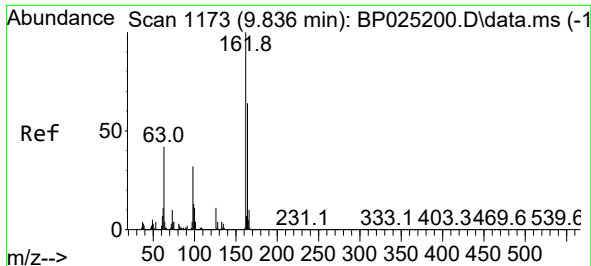
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 13.3 9.8 14.6

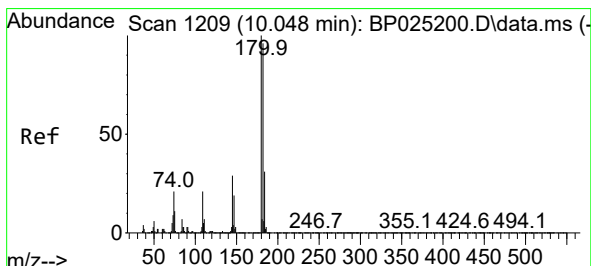
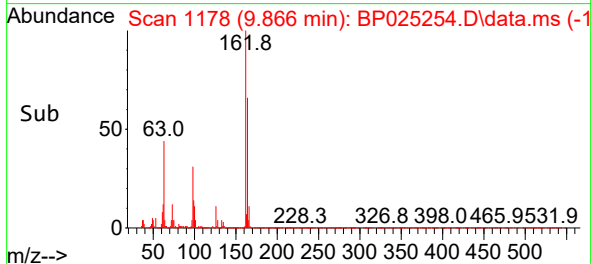
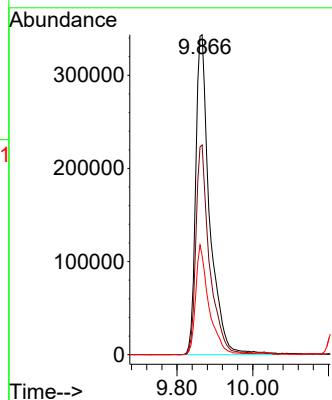
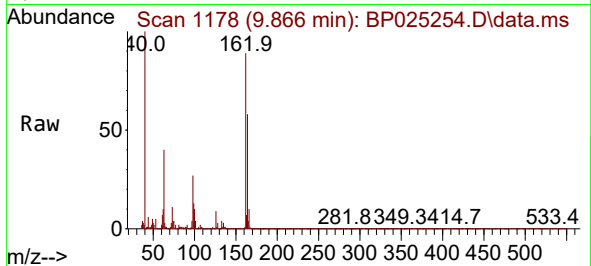




#29
2,4-Dichlorophenol
Concen: 42.918 ng
RT: 9.866 min Scan# 1173
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

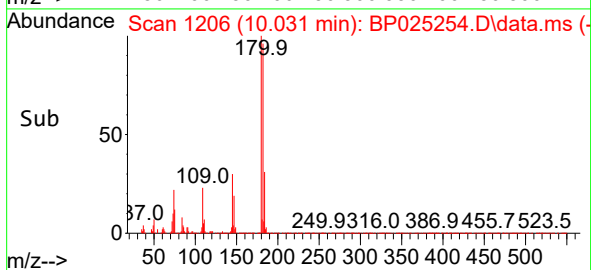
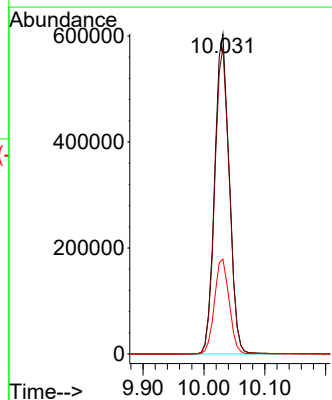
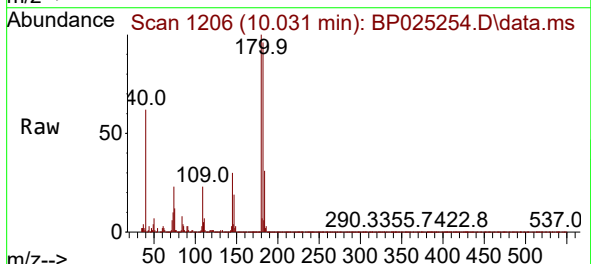
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

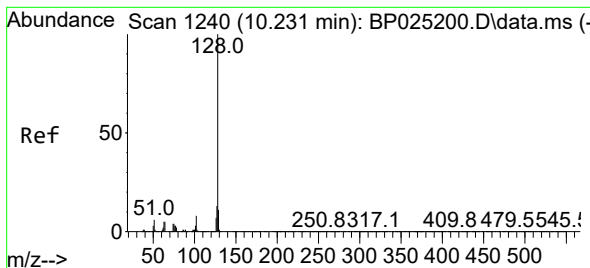
Tgt Ion:162 Resp: 886119
Ion Ratio Lower Upper
162 100
164 65.5 44.2 84.2
98 30.9 11.7 51.7



#30
1,2,4-Trichlorobenzene
Concen: 44.472 ng
RT: 10.031 min Scan# 1206
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:180 Resp: 1002897
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
145 29.6 23.5 35.3

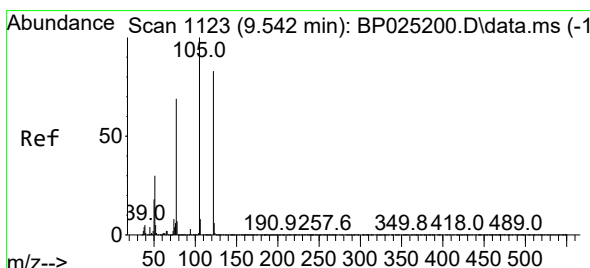
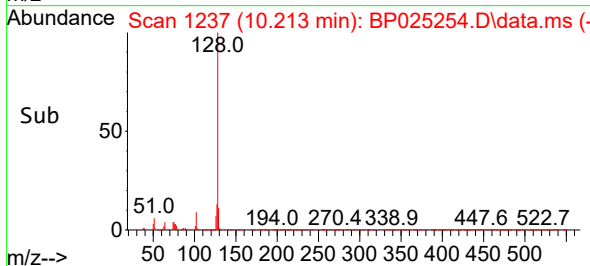
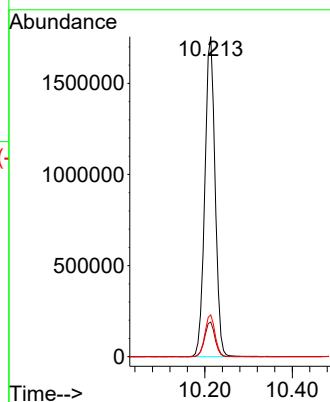
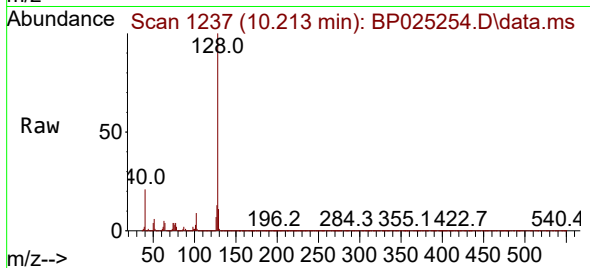




#31
Naphthalene
Concen: 42.927 ng
RT: 10.213 min Scan# 1135
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

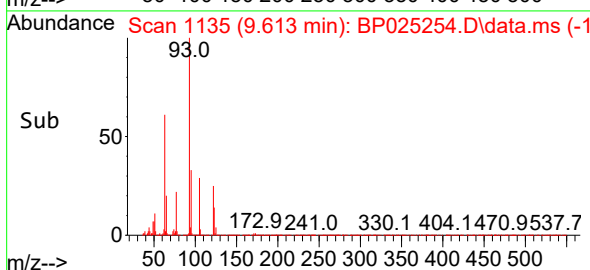
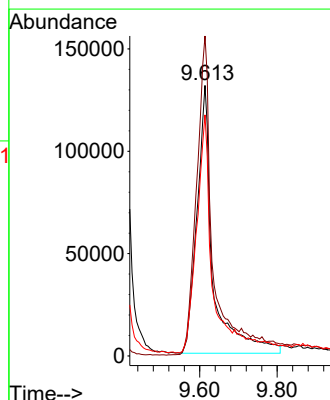
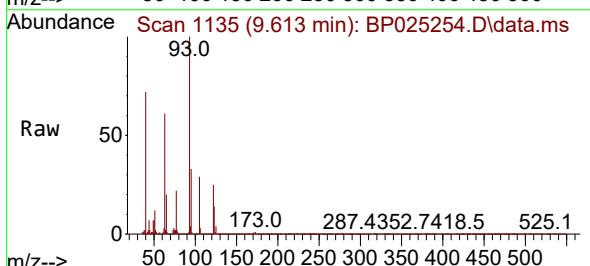
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

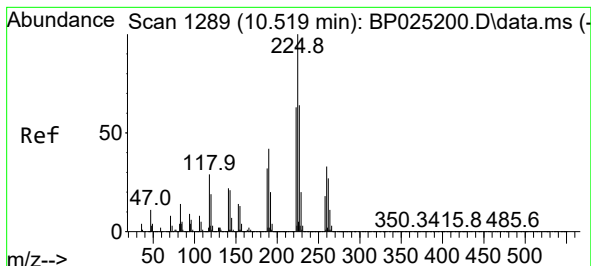
Tgt Ion:128 Resp: 2864135
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 24.816 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.071 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:122 Resp: 380743
Ion Ratio Lower Upper
122 100
105 118.2 98.1 138.1
77 89.1 62.7 102.7





#34

Hexachlorobutadiene

Concen: 47.900 ng

RT: 10.502 min Scan# 1419

Delta R.T. 0.012 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

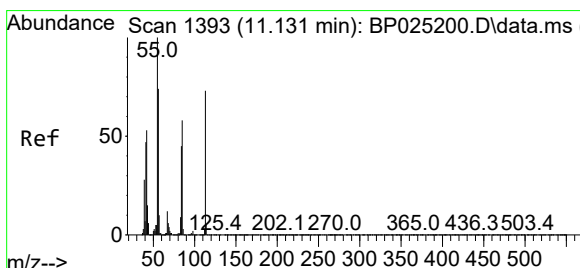
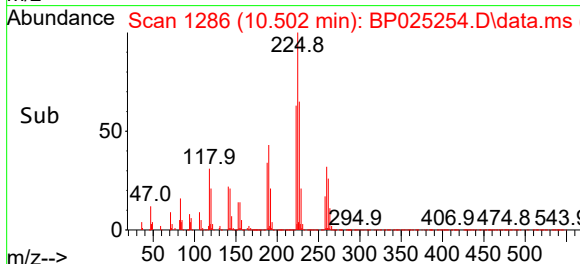
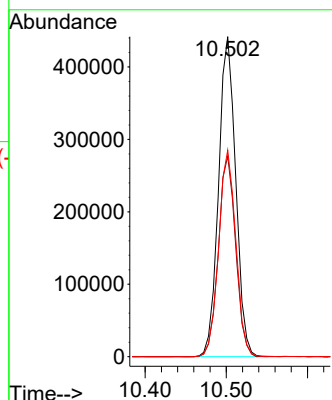
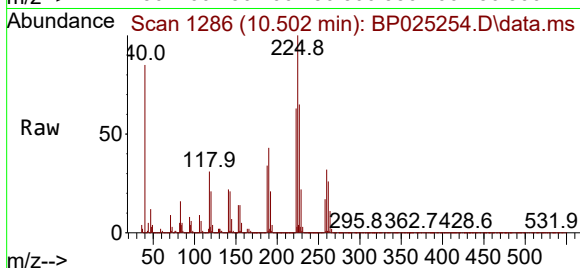
Tgt Ion:225 Resp: 650147

Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 64.5 51.4 77.0



#35

Caprolactam

Concen: 33.138 ng

RT: 11.284 min Scan# 1419

Delta R.T. 0.124 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

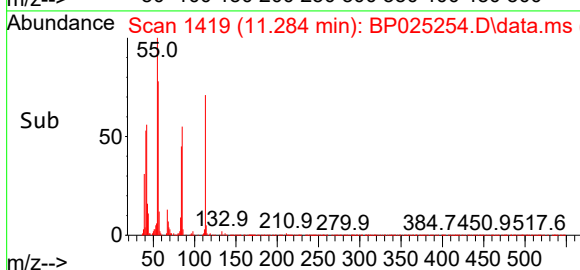
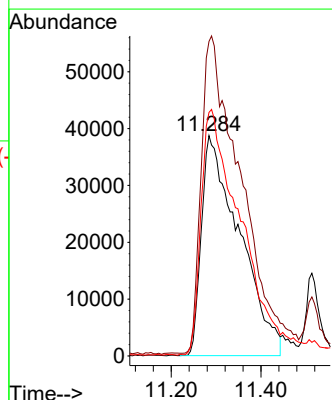
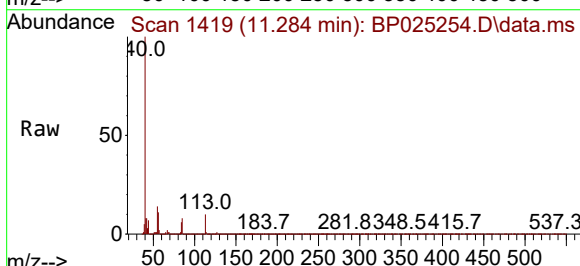
Tgt Ion:113 Resp: 227075

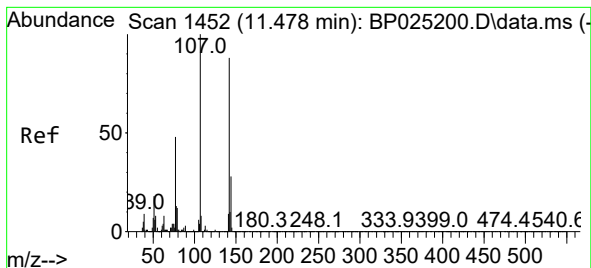
Ion Ratio Lower Upper

113 100

55 142.7 117.6 157.6

56 110.5 82.4 122.4

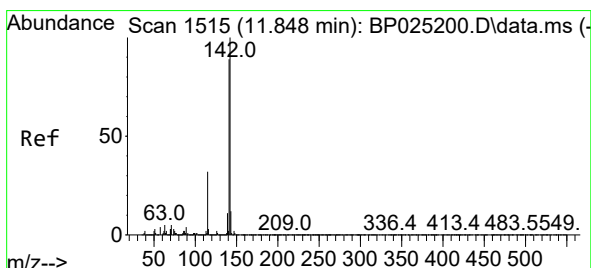
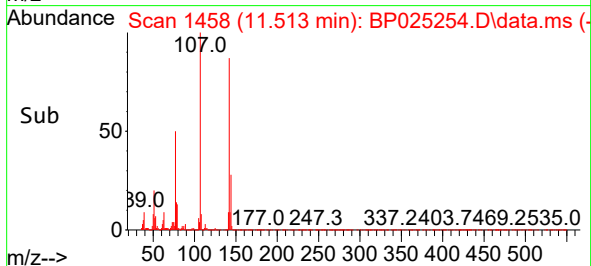
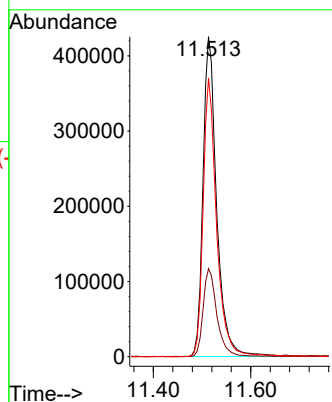
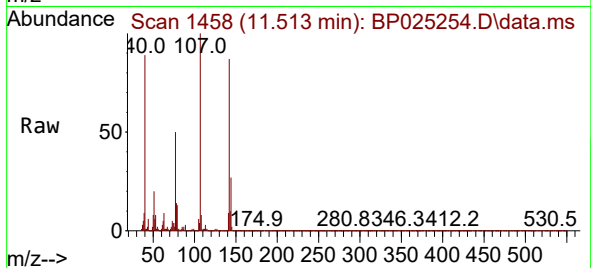




#36
4-Chloro-3-methylphenol
Concen: 40.000 ng
RT: 11.513 min Scan# 1458
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

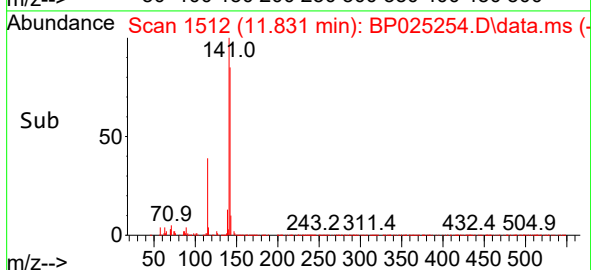
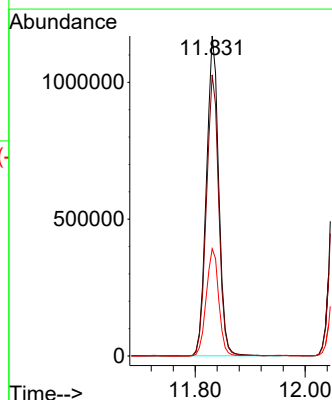
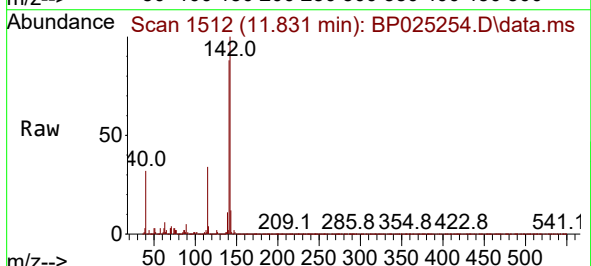
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

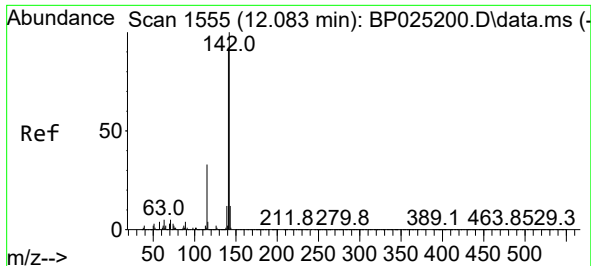
Tgt Ion:107 Resp: 825580
Ion Ratio Lower Upper
107 100
144 27.5 22.5 33.7
142 87.1 70.6 105.8



#37
2-Methylnaphthalene
Concen: 41.760 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:142 Resp: 1809262
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8
115 33.5 25.3 37.9

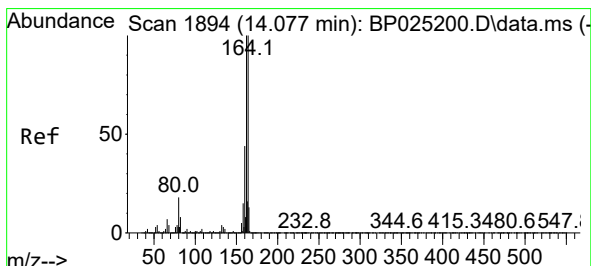
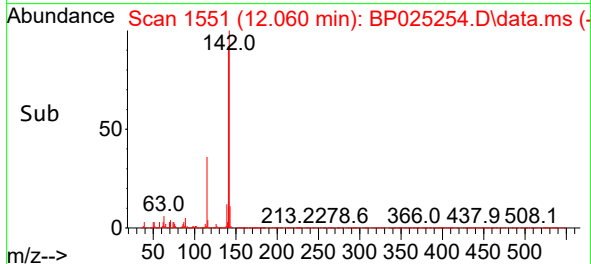
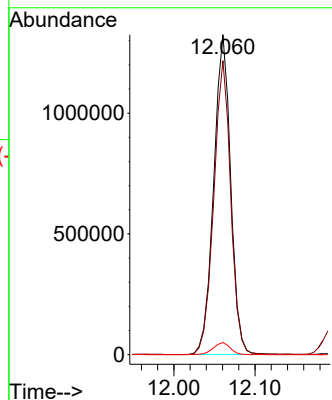
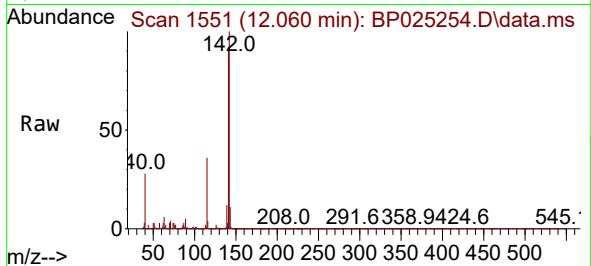




#38
1-Methylnaphthalene
Concen: 42.247 ng
RT: 12.060 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

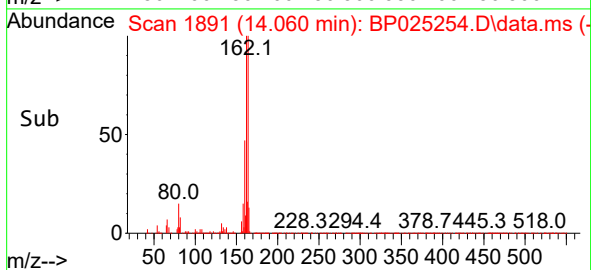
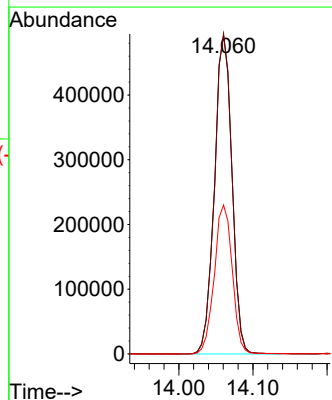
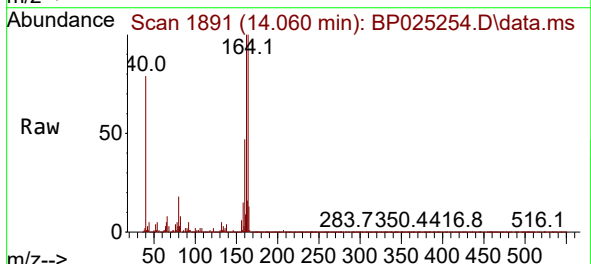
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

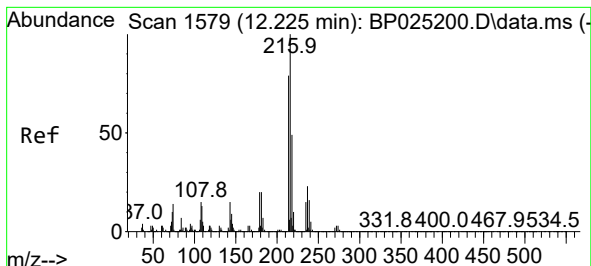
Tgt Ion:142 Resp: 1922679
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8
116 3.8 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.060 min Scan# 1891
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:164 Resp: 807015
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 46.6 35.7 53.5

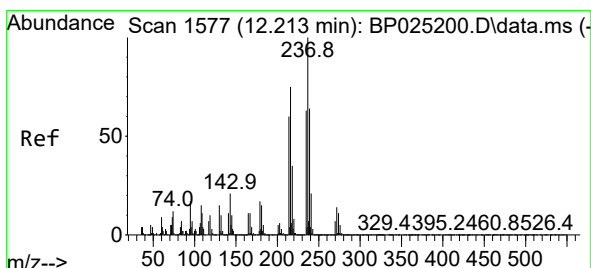
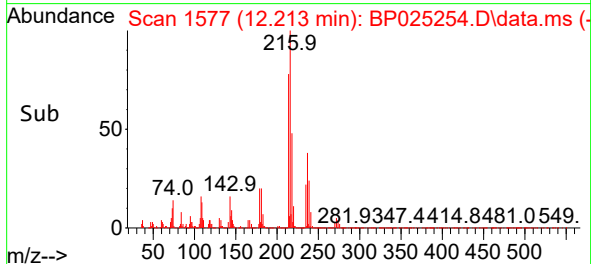
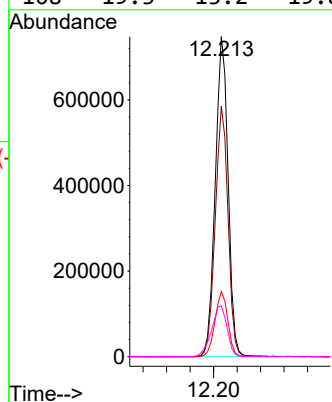
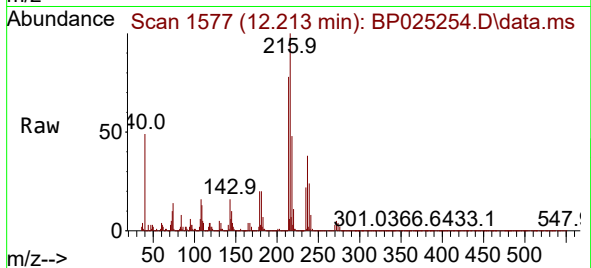




#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.805 ng
RT: 12.213 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

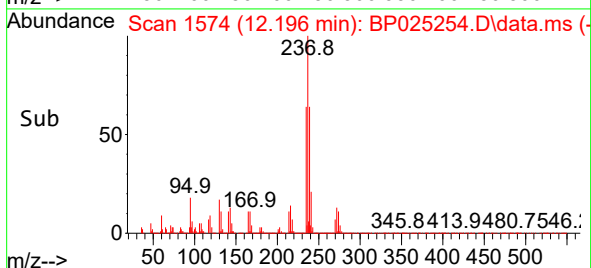
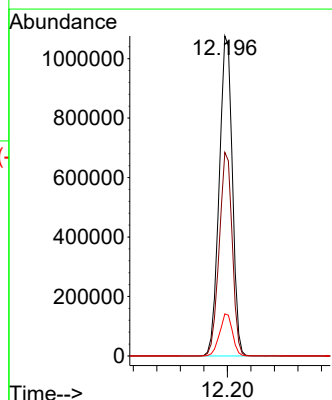
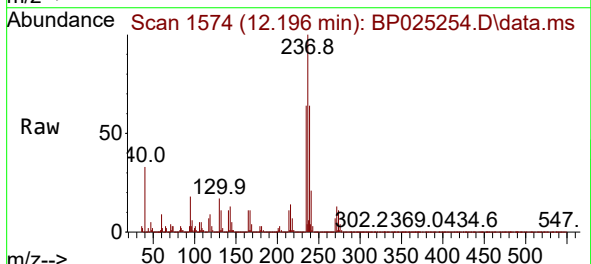
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

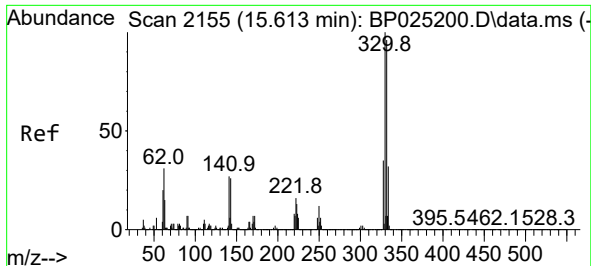
Tgt Ion:216 Resp: 1132232
Ion Ratio Lower Upper
216 100
214 78.5 62.7 94.1
179 20.5 16.2 24.4
108 19.3 13.2 19.8



#41
Hexachlorocyclopentadiene
Concen: 115.746 ng
RT: 12.196 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:237 Resp: 1671403
Ion Ratio Lower Upper
237 100
235 63.6 42.7 82.7
272 13.2 0.0 33.6

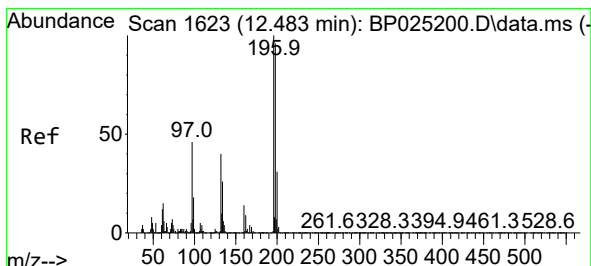
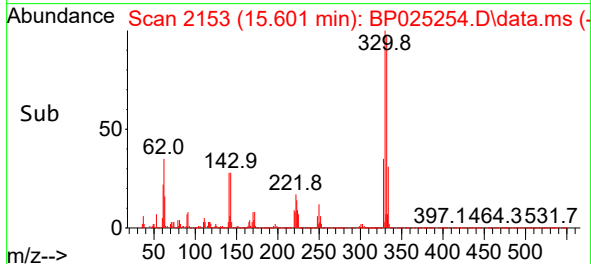
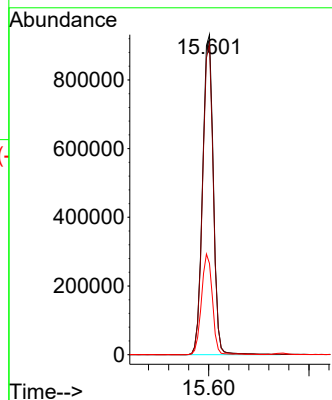
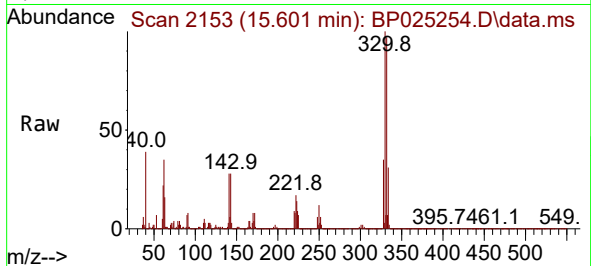




#42
2,4,6-Tribromophenol
Concen: 116.498 ng
RT: 15.601 min Scan# 2155
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

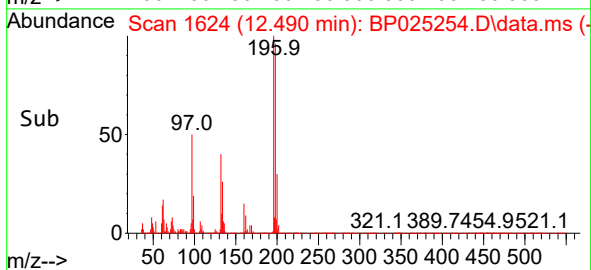
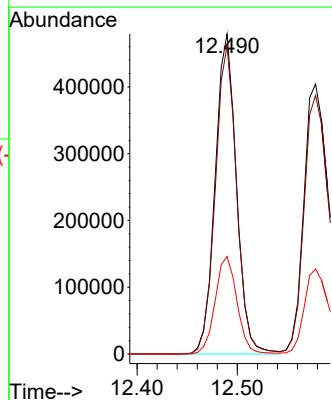
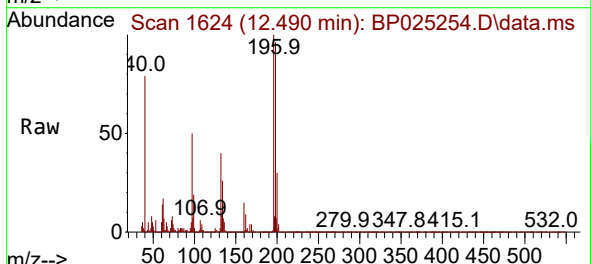
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BNA_P
ClientSampleId :
PB168971BSD

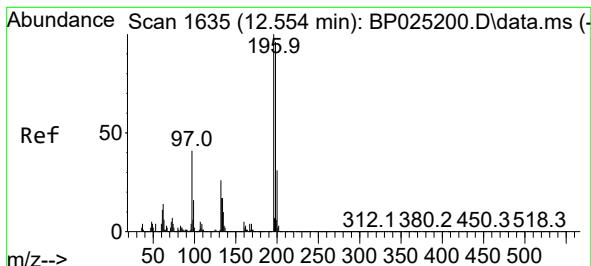
Tgt Ion:330 Resp: 1385995
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.9 22.4 33.6



#43
2,4,6-Trichlorophenol
Concen: 42.796 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.035 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:196 Resp: 707345
Ion Ratio Lower Upper
196 100
198 96.3 76.6 114.8
200 30.5 24.7 37.1





#44

2,4,5-Trichlorophenol

Concen: 42.216 ng

RT: 12.578 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

Tgt Ion:196 Resp: 767861

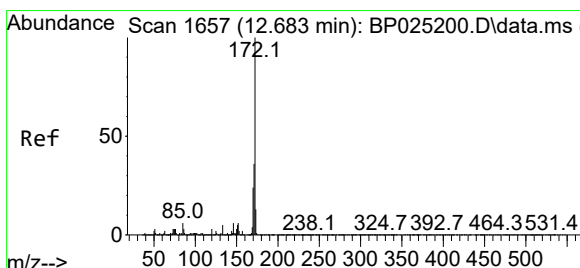
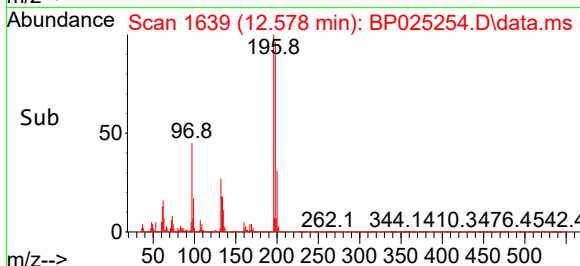
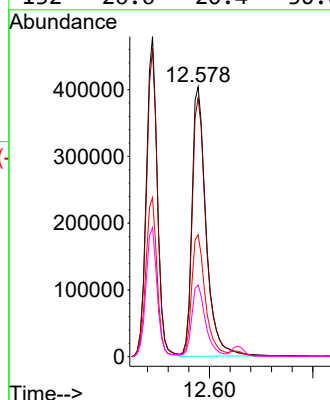
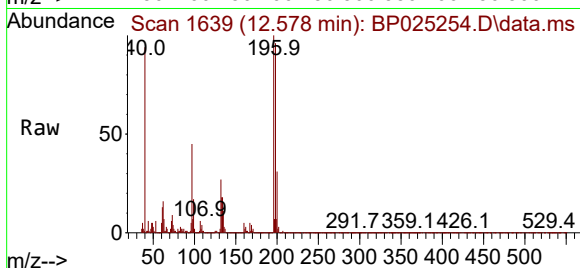
Ion Ratio Lower Upper

196 100

198 95.8 76.7 115.1

97 45.2 33.0 49.4

132 26.6 20.4 30.6



#45

2-Fluorobiphenyl

Concen: 83.426 ng

RT: 12.654 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

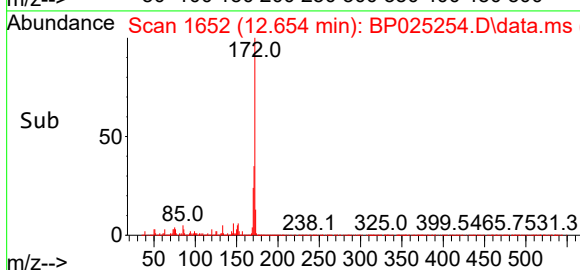
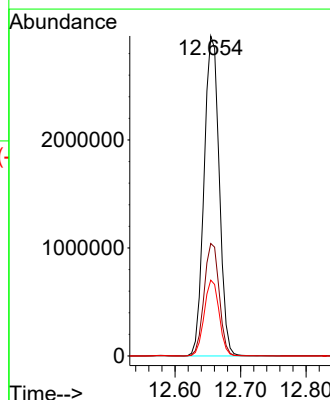
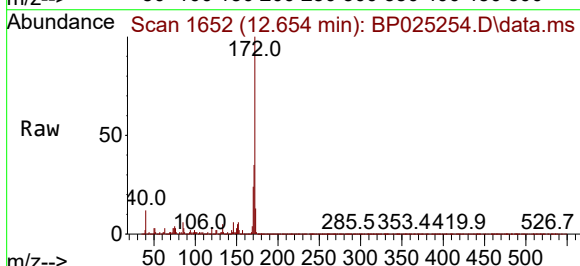
Tgt Ion:172 Resp: 4775500

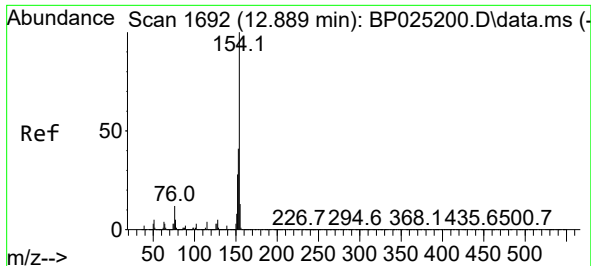
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 19.2 28.8

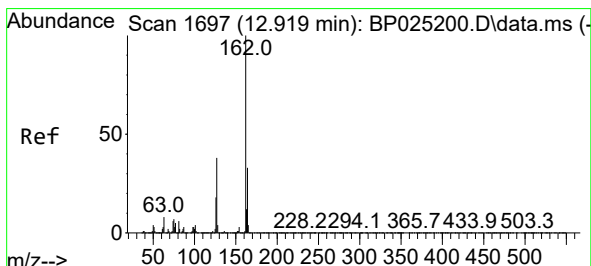
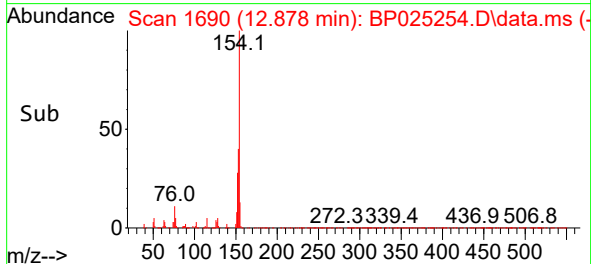
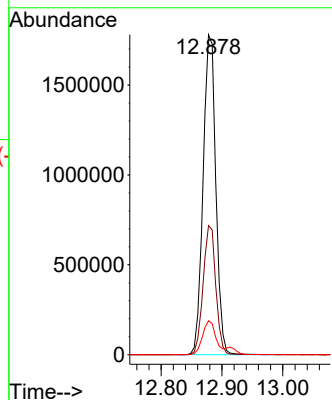
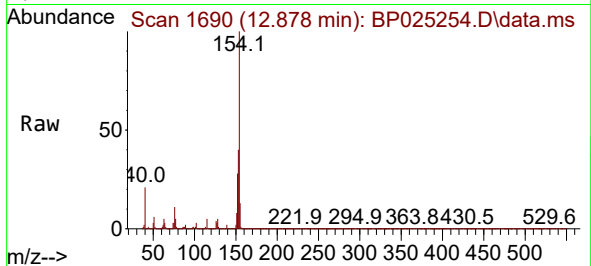




#46
1,1'-Biphenyl
Concen: 44.235 ng
RT: 12.878 min Scan# 1690
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

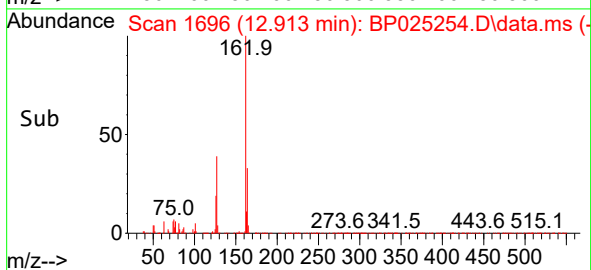
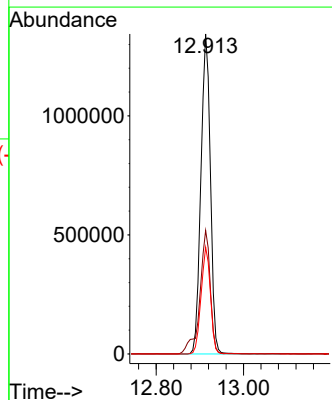
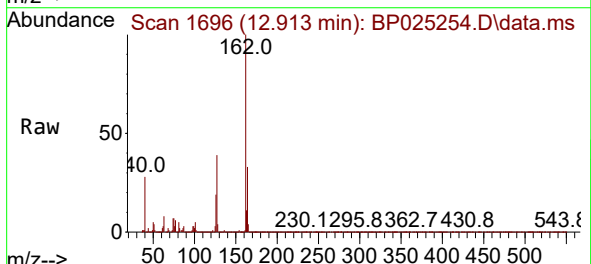
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

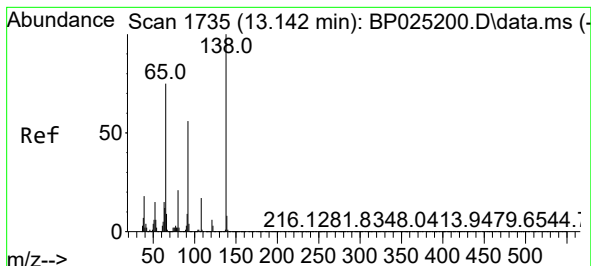
Tgt Ion:154 Resp: 2587820
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 10.6 0.0 31.6



#47
2-Chloronaphthalene
Concen: 44.525 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:162 Resp: 2033663
Ion Ratio Lower Upper
162 100
127 38.6 30.1 45.1
164 33.4 26.5 39.7





#48

2-Nitroaniline

Concen: 42.822 ng

RT: 13.154 min Scan# 1

Delta R.T. 0.035 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

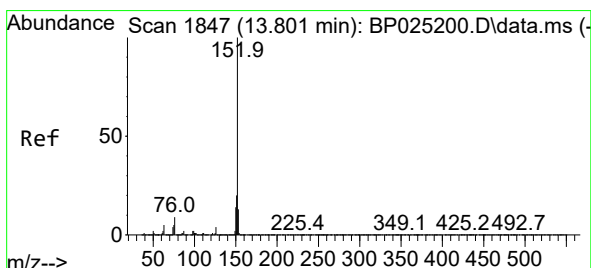
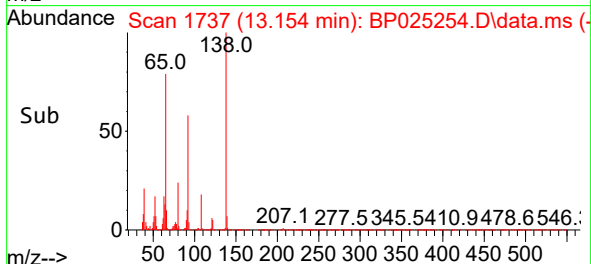
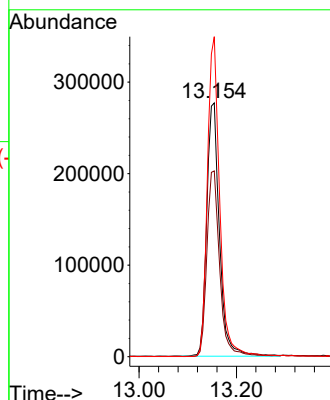
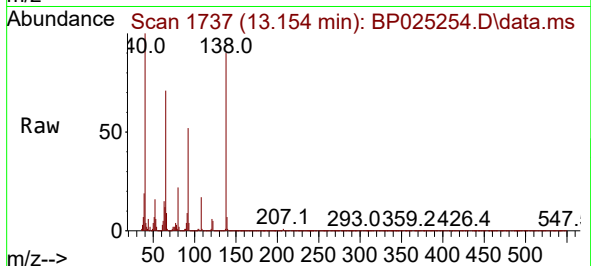
Tgt Ion: 65 Resp: 499476

Ion Ratio Lower Upper

65 100

92 73.2 59.9 89.9

138 126.1 107.1 160.7



#49

Acenaphthylene

Concen: 44.434 ng

RT: 13.778 min Scan# 1843

Delta R.T. 0.012 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

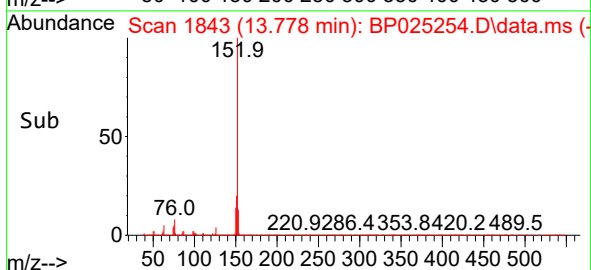
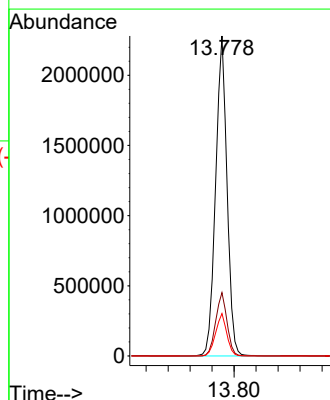
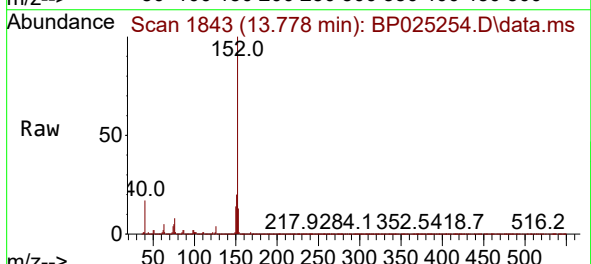
Tgt Ion:152 Resp: 3282545

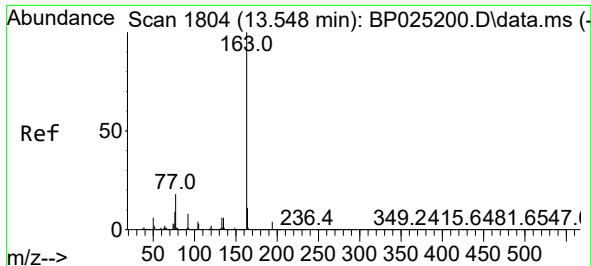
Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.2 10.6 15.8

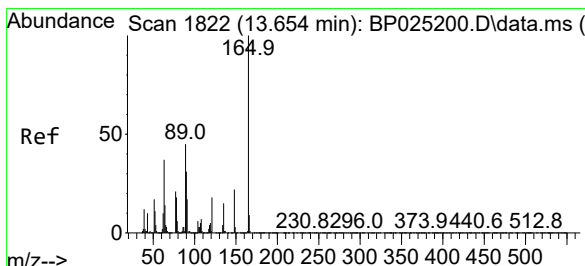
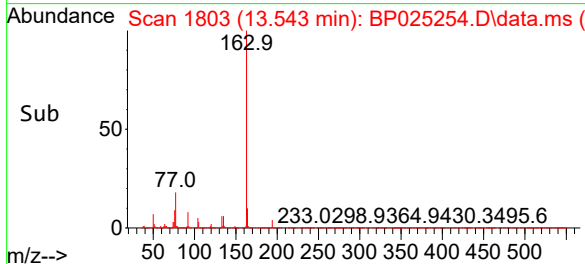
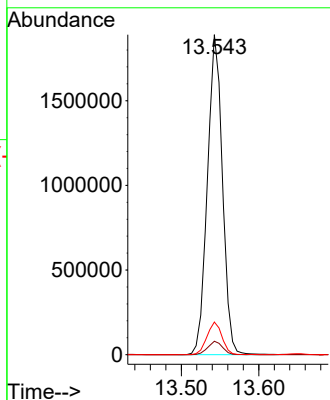
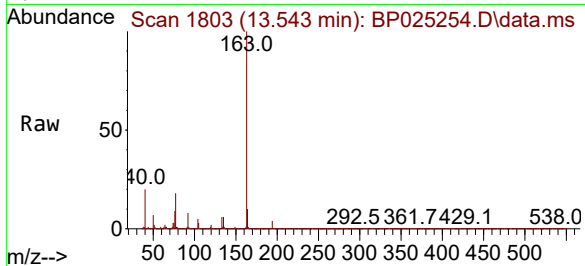




#50
Dimethylphthalate
Concen: 44.137 ng
RT: 13.543 min Scan# 1803
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

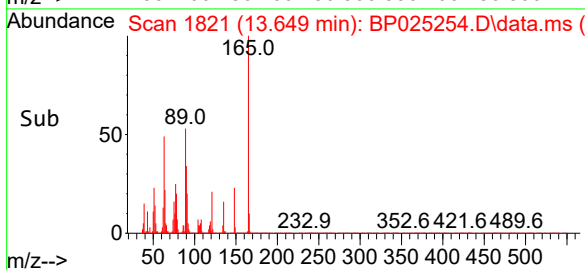
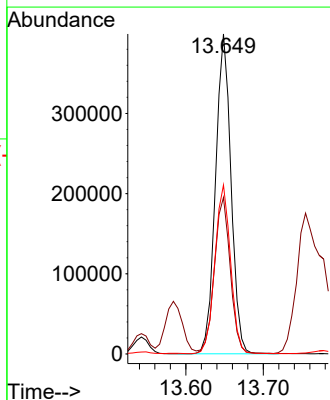
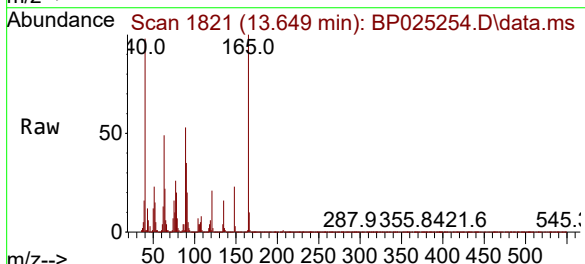
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

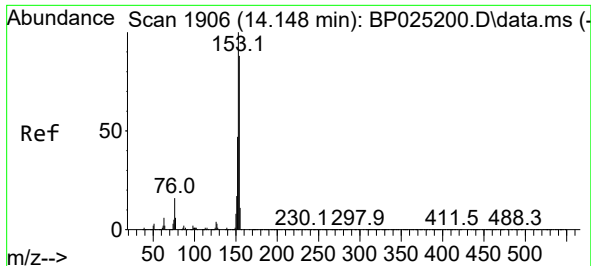
Tgt Ion:163 Resp: 2547374
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 44.359 ng
RT: 13.649 min Scan# 1821
Delta R.T. 0.029 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:165 Resp: 556289
Ion Ratio Lower Upper
165 100
63 48.9 33.4 50.2
89 52.8 36.3 54.5

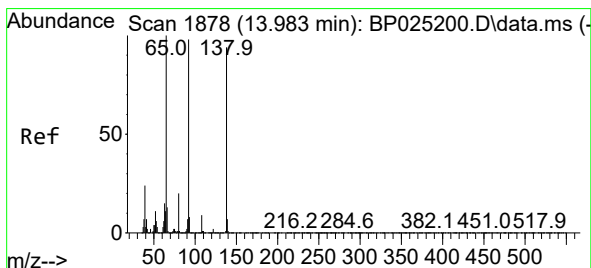
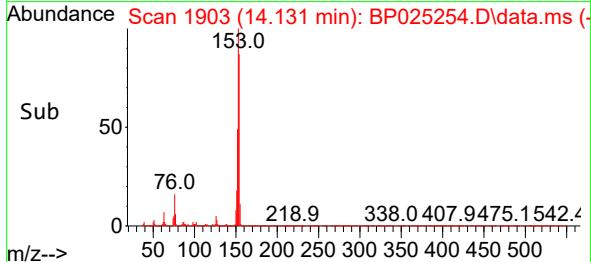
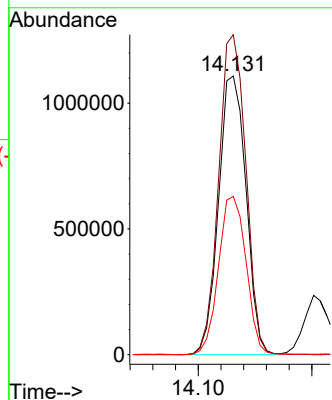
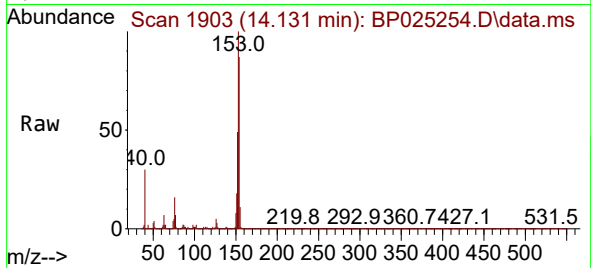




#52
Acenaphthene
Concen: 43.517 ng
RT: 14.131 min Scan# 1903
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

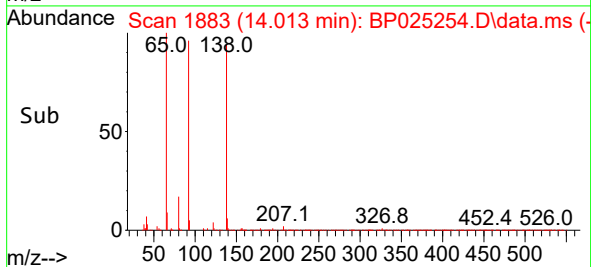
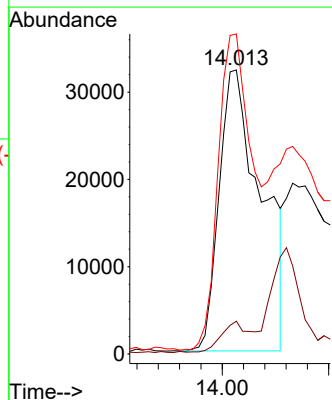
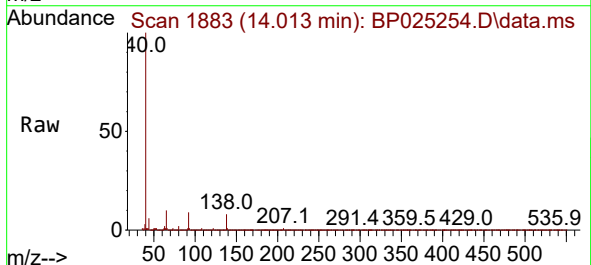
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

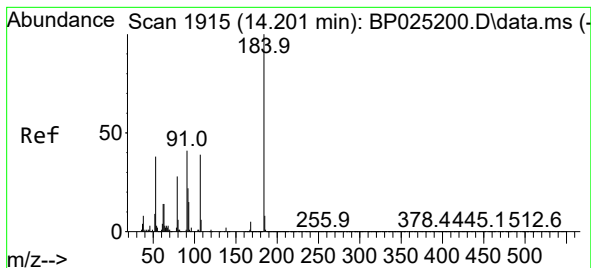
Tgt Ion:154 Resp: 1858989
Ion Ratio Lower Upper
154 100
153 114.8 90.7 136.1
152 56.8 42.9 64.3



#53
3-Nitroaniline
Concen: 6.253 ng
RT: 14.013 min Scan# 1883
Delta R.T. 0.047 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:138 Resp: 88425
Ion Ratio Lower Upper
138 100
108 11.5 7.5 11.3#
92 112.7 83.2 124.8

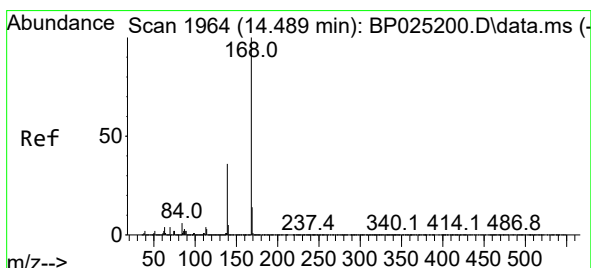
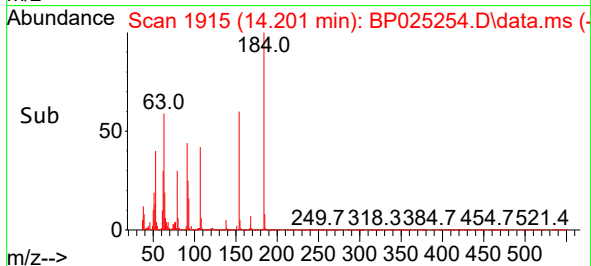
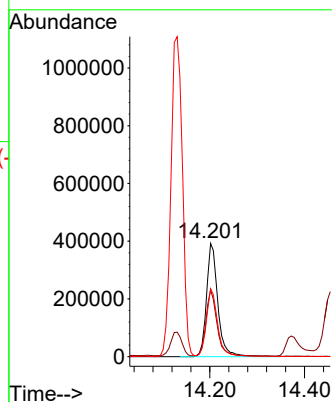
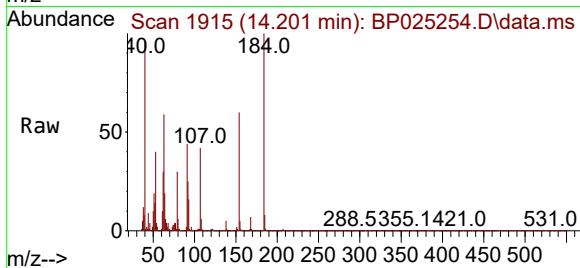




#54
2,4-Dinitrophenol
Concen: 87.724 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

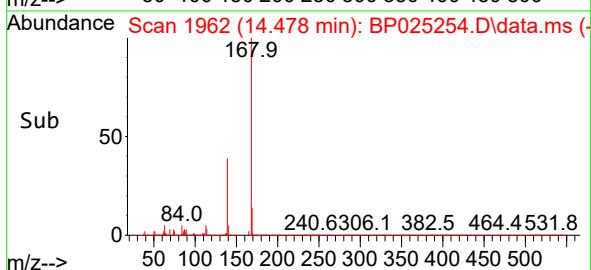
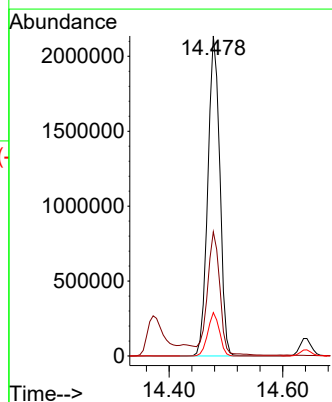
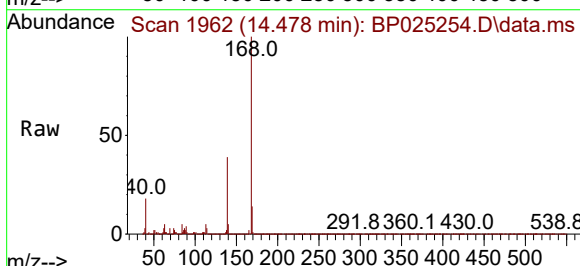
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

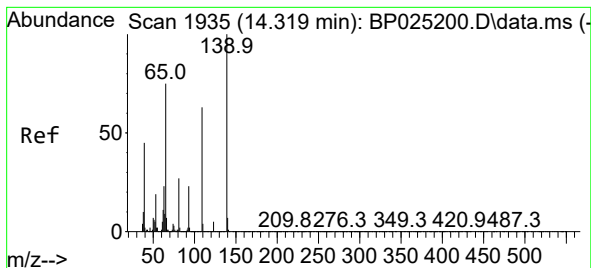
Tgt Ion:184 Resp: 651812
Ion Ratio Lower Upper
184 100
63 59.0 41.8 62.8
154 60.1 45.7 68.5



#55
Dibenzofuran
Concen: 45.014 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:168 Resp: 3106102
Ion Ratio Lower Upper
168 100
139 38.8 28.7 43.1
169 13.6 10.9 16.3

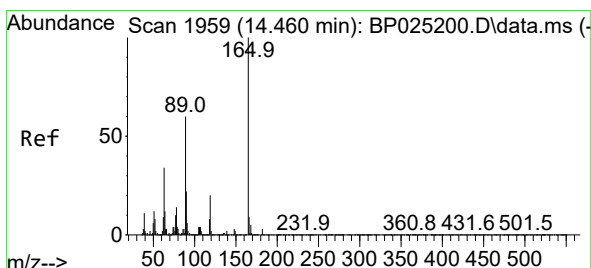
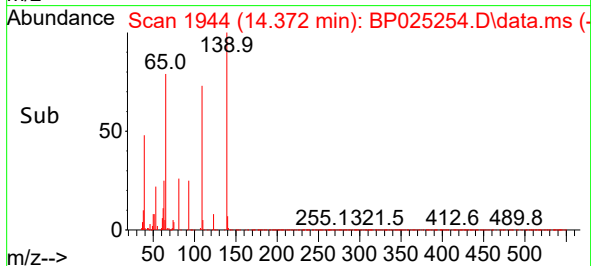
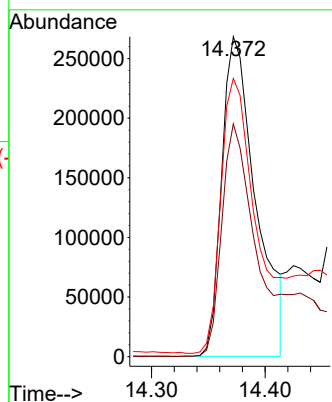
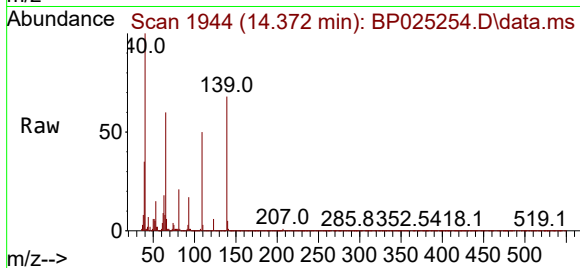




#56
4-Nitrophenol
Concen: 46.264 ng
RT: 14.372 min Scan# 1935
Delta R.T. 0.012 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

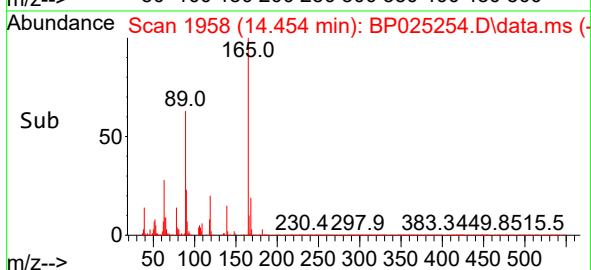
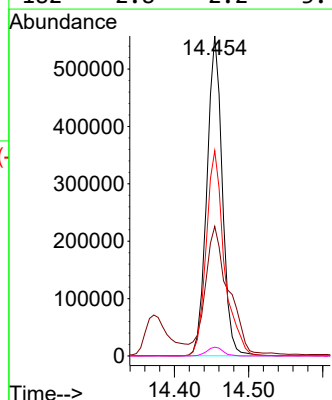
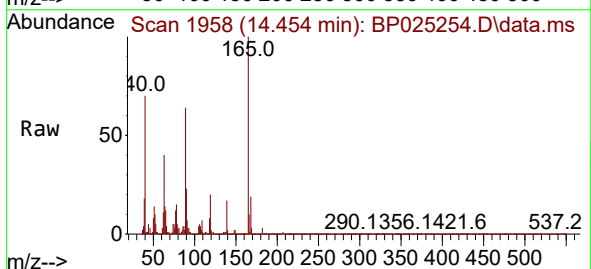
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

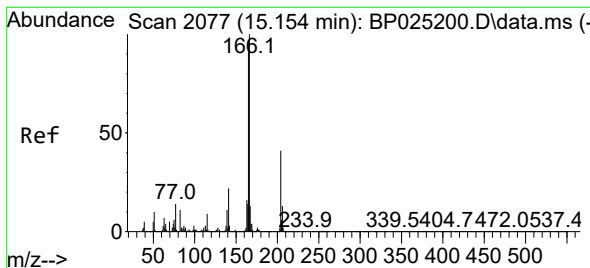
Tgt Ion:139 Resp: 559852
Ion Ratio Lower Upper
139 100
109 72.7 42.6 82.6
65 87.0 55.4 95.4



#57
2,4-Dinitrotoluene
Concen: 45.917 ng
RT: 14.454 min Scan# 1958
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:165 Resp: 806037
Ion Ratio Lower Upper
165 100
63 40.5 27.0 40.4#
89 64.2 47.8 71.6
182 2.8 2.2 3.4





#58

Fluorene

Concen: 45.589 ng

RT: 15.125 min Scan# 2077

Delta R.T. 0.000 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

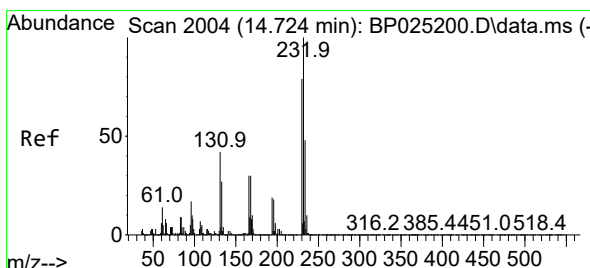
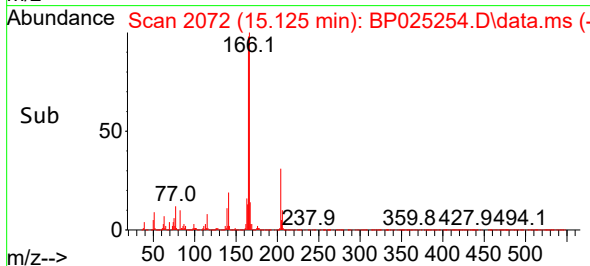
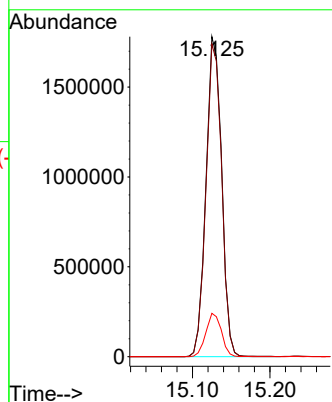
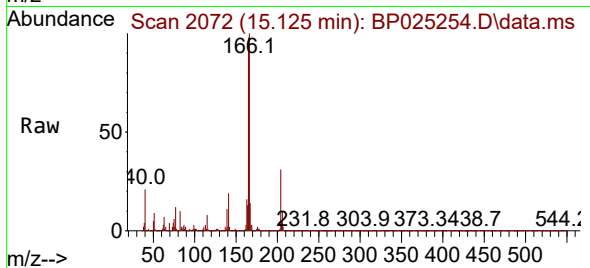
Tgt Ion:166 Resp: 2497444

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

167 13.6 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 43.308 ng

RT: 14.719 min Scan# 2003

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Tgt Ion:232 Resp: 697117

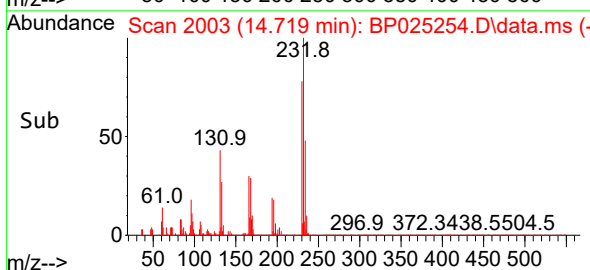
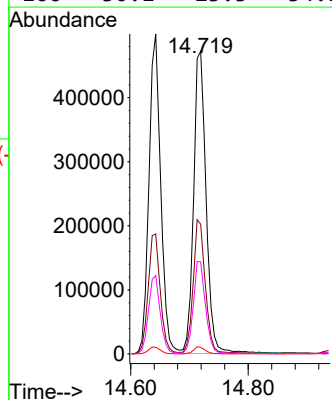
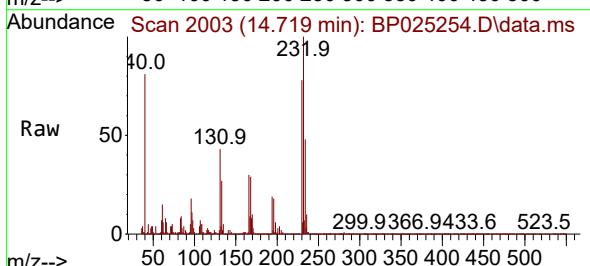
Ion Ratio Lower Upper

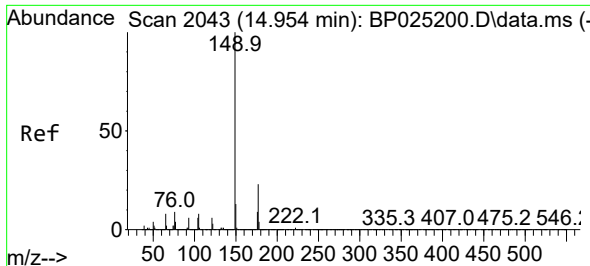
232 100

131 43.4 32.6 48.8

130 2.3 1.6 2.4

166 30.1 23.3 34.9

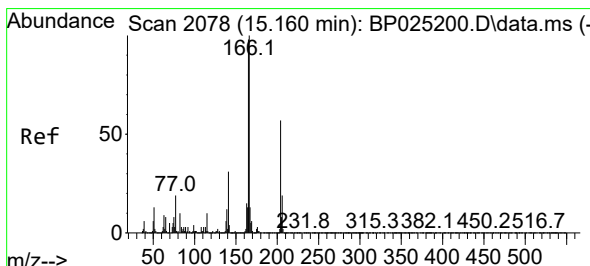
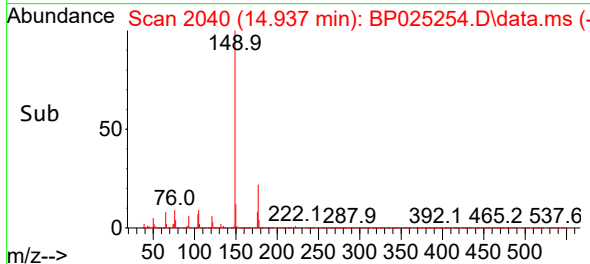
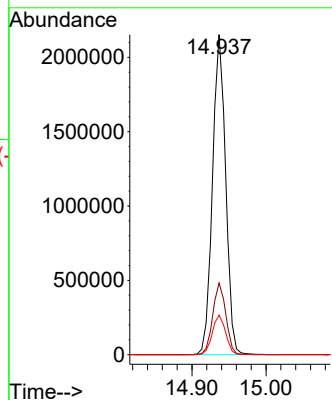
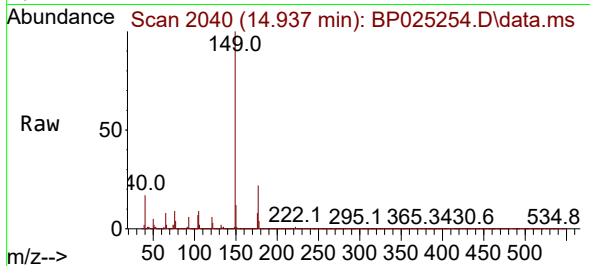




#60
Diethylphthalate
Concen: 46.592 ng
RT: 14.937 min Scan# 2040
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

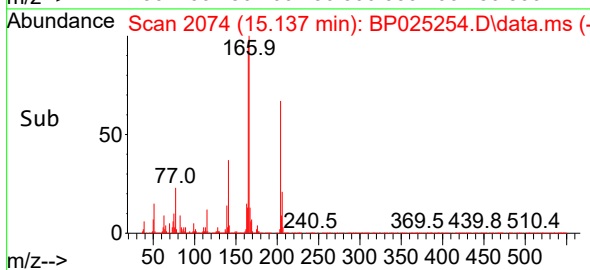
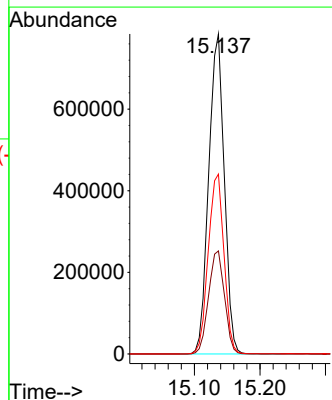
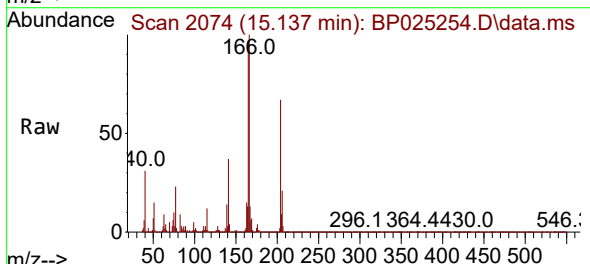
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

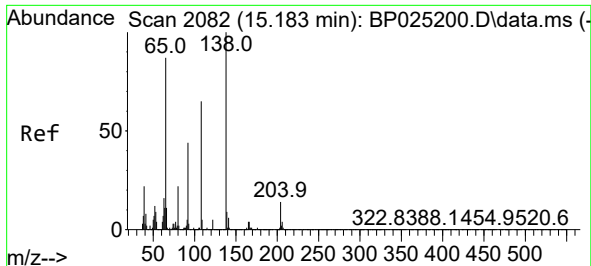
Tgt Ion:149 Resp: 2650401
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.4 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 46.754 ng
RT: 15.137 min Scan# 2074
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:204 Resp: 1294226
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 56.2 43.0 64.6

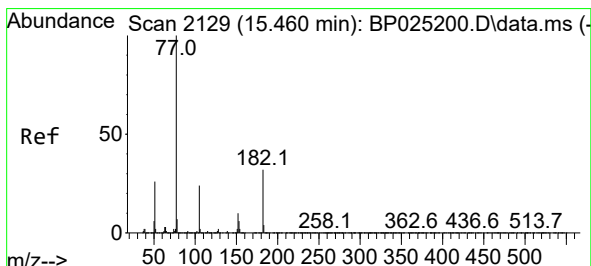
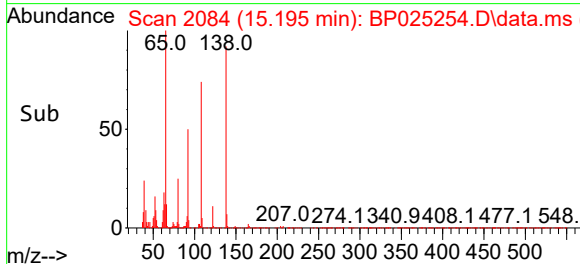
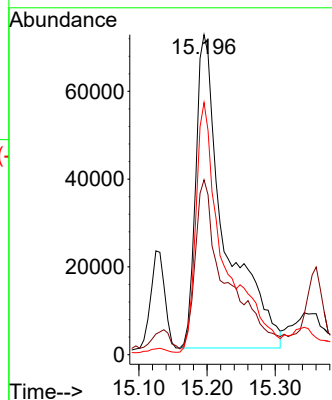
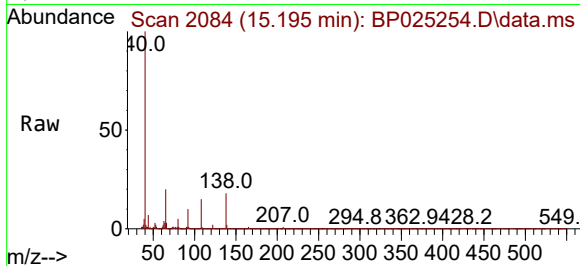




#62
4-Nitroaniline
Concen: 14.642 ng
RT: 15.195 min Scan# 2082
Delta R.T. 0.035 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

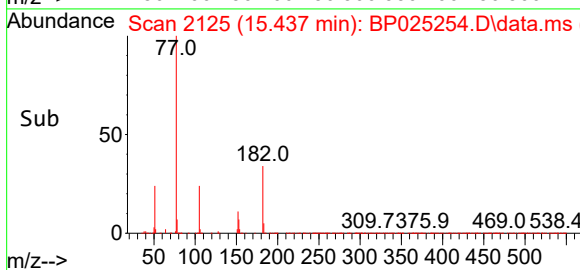
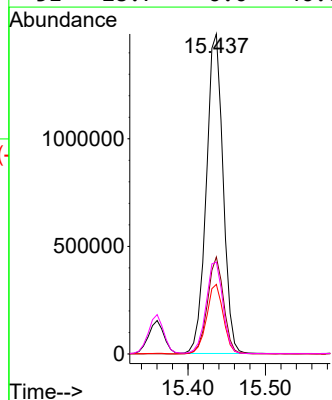
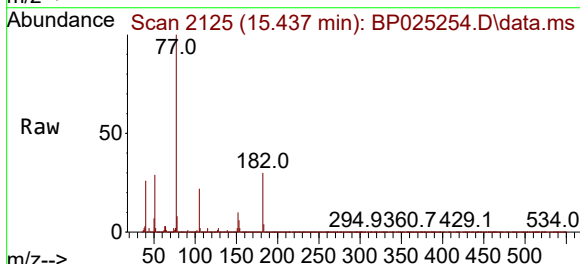
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

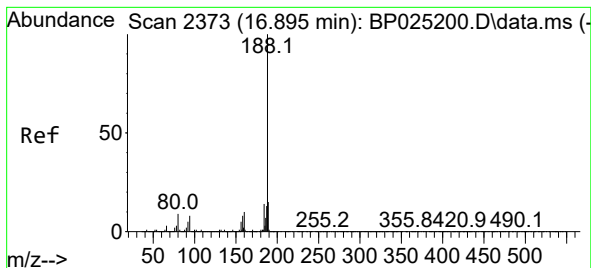
Tgt Ion:138 Resp: 210589
Ion Ratio Lower Upper
138 100
92 54.6 24.0 64.0
108 78.8 44.9 84.9



#63
Azobenzene
Concen: 48.027 ng
RT: 15.437 min Scan# 2125
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion: 77 Resp: 2226311
Ion Ratio Lower Upper
77 100
182 30.3 12.0 52.0
105 21.8 3.6 43.6
51 28.7 6.0 46.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.866 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

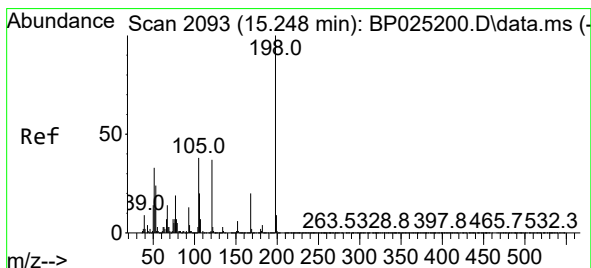
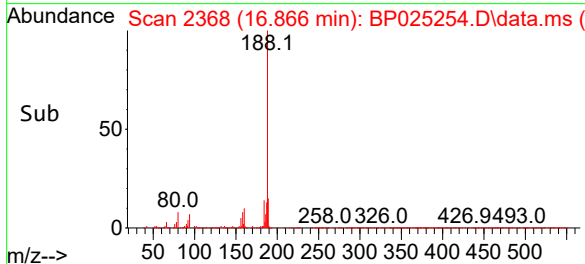
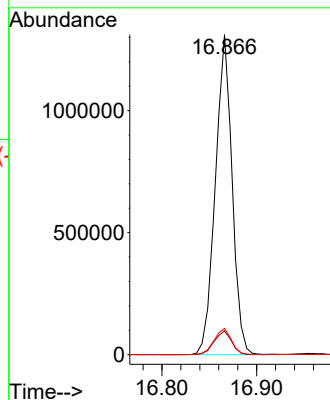
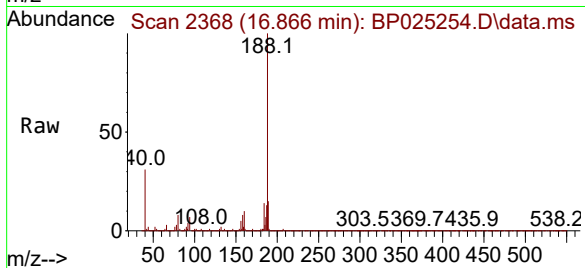
Tgt Ion:188 Resp: 1610135

Ion Ratio Lower Upper

188 100

94 7.5 6.8 10.2

80 8.2 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 39.995 ng

RT: 15.237 min Scan# 2091

Delta R.T. 0.024 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

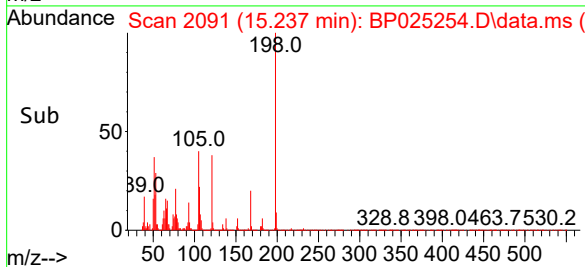
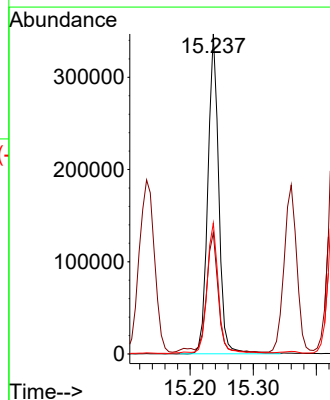
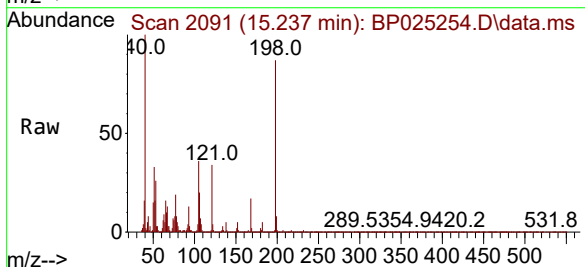
Tgt Ion:198 Resp: 415594

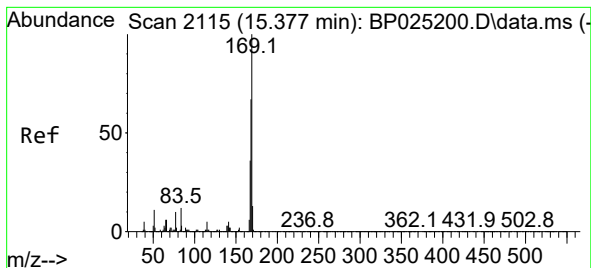
Ion Ratio Lower Upper

198 100

51 37.9 14.6 54.6

105 40.9 18.3 58.3

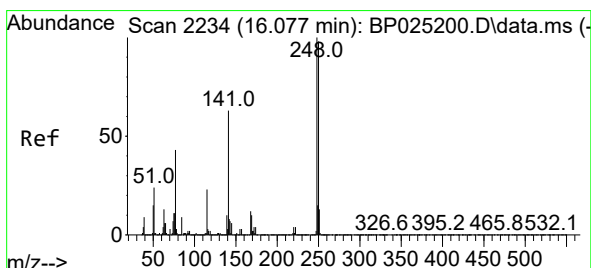
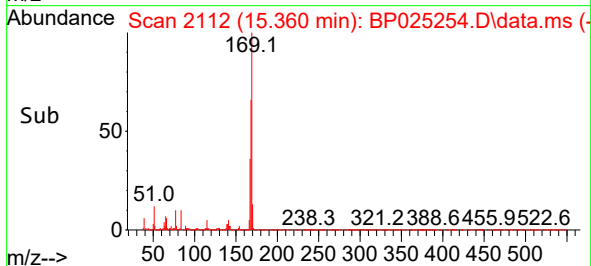
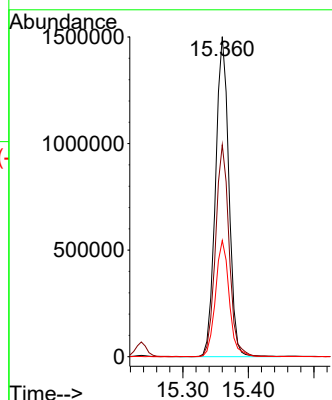
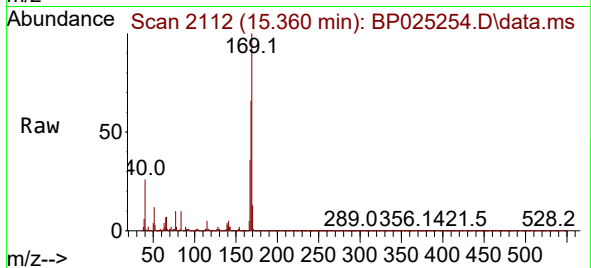




#66
 n-Nitrosodiphenylamine
 Concen: 43.298 ng
 RT: 15.360 min Scan# 2115
 Delta R.T. 0.018 min
 Lab File: BP025254.D
 Acq: 28 Jul 2025 19:02

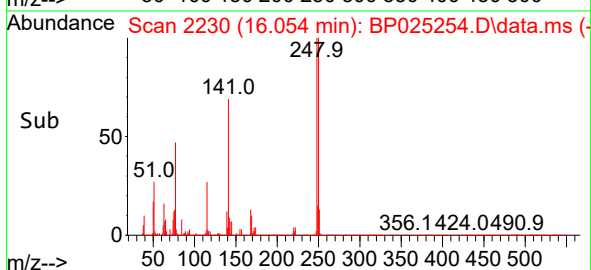
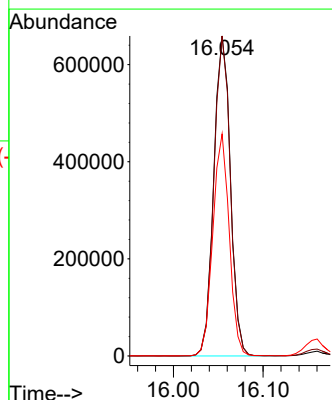
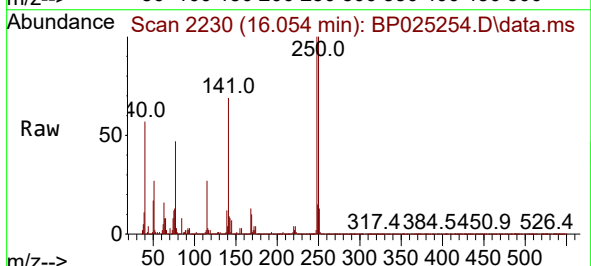
Instrument :
 BNA_P
 ClientSampleId :
 PB168971BSD

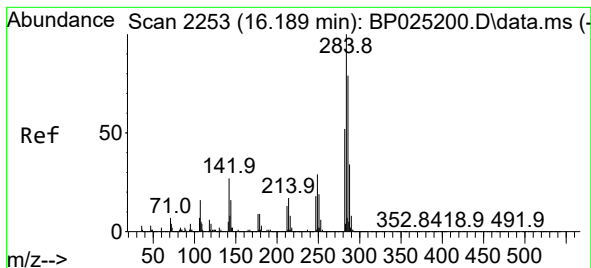
Tgt Ion:169 Resp: 2116043
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.7 80.5
 167 36.3 29.0 43.6



#67
 4-Bromophenyl-phenylether
 Concen: 45.322 ng
 RT: 16.054 min Scan# 2230
 Delta R.T. 0.024 min
 Lab File: BP025254.D
 Acq: 28 Jul 2025 19:02

Tgt Ion:248 Resp: 851652
 Ion Ratio Lower Upper
 248 100
 250 100.0 78.5 117.7
 141 69.4 50.5 75.7





#68

Hexachlorobenzene

Concen: 43.594 ng

RT: 16.160 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

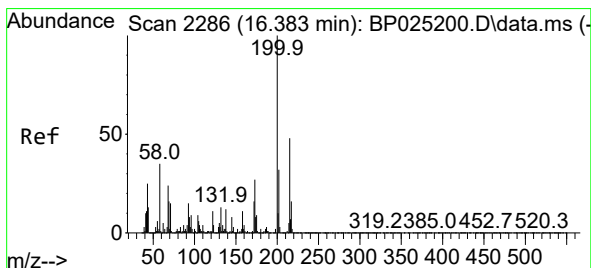
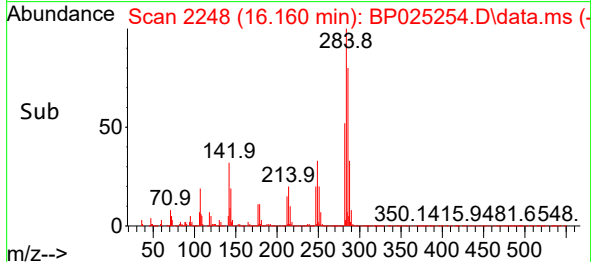
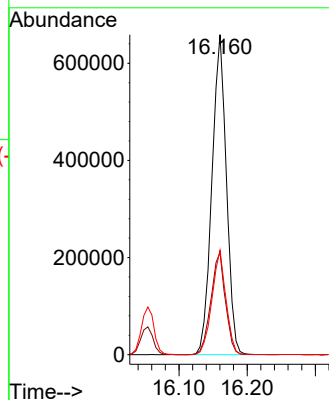
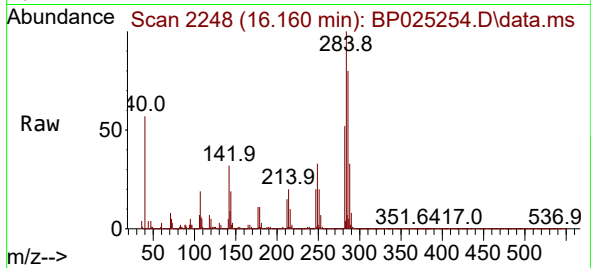
Tgt Ion:284 Resp: 972837

Ion Ratio Lower Upper

284 100

142 32.0 21.5 32.3

249 32.7 23.4 35.0



#69

Atrazine

Concen: 38.692 ng

RT: 16.384 min Scan# 2286

Delta R.T. 0.035 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

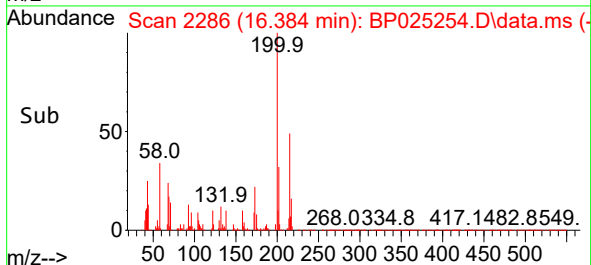
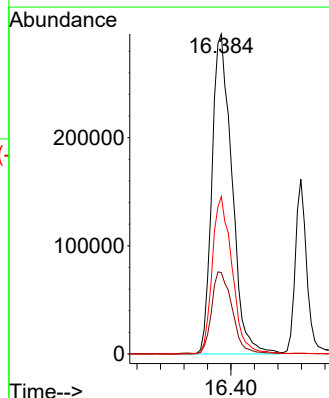
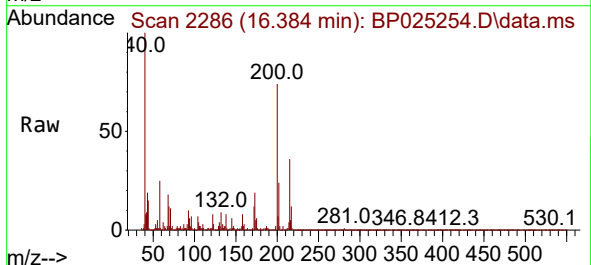
Tgt Ion:200 Resp: 699725

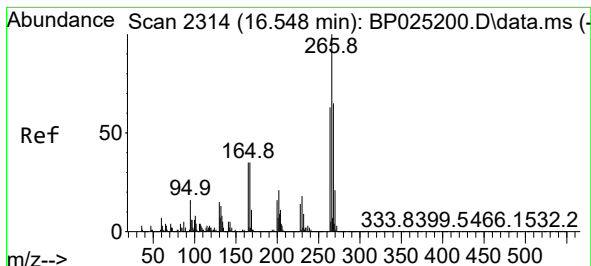
Ion Ratio Lower Upper

200 100

173 25.5 7.4 47.4

215 49.2 28.5 68.5





#70

Pentachlorophenol

Concen: 77.637 ng

RT: 16.519 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

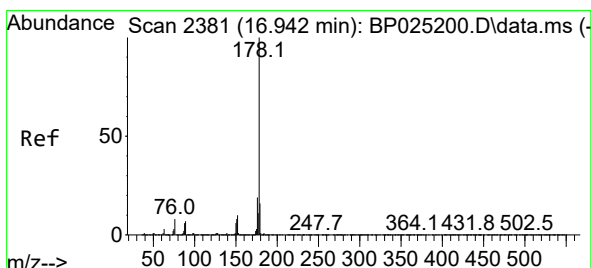
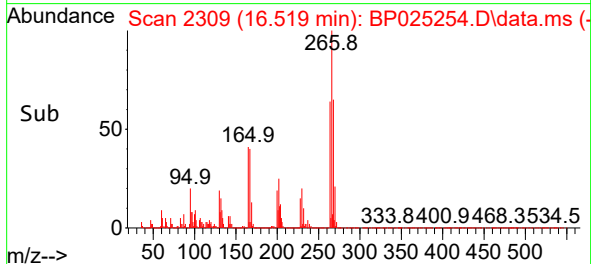
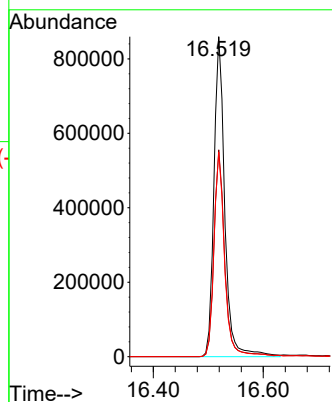
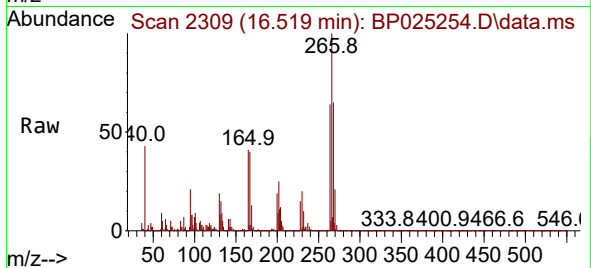
Tgt Ion:266 Resp: 1178147

Ion Ratio Lower Upper

266 100

268 64.6 51.8 77.6

264 63.9 50.3 75.5



#71

Phenanthrene

Concen: 45.166 ng

RT: 16.901 min Scan# 2374

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

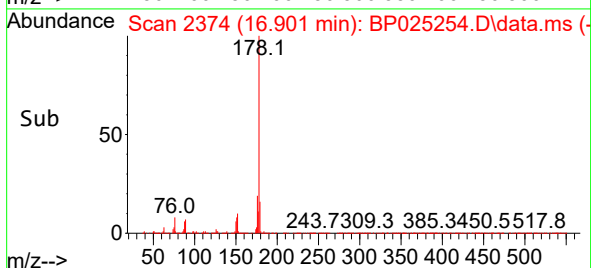
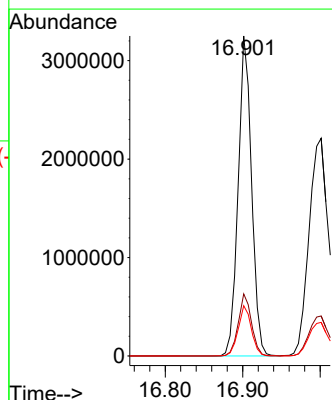
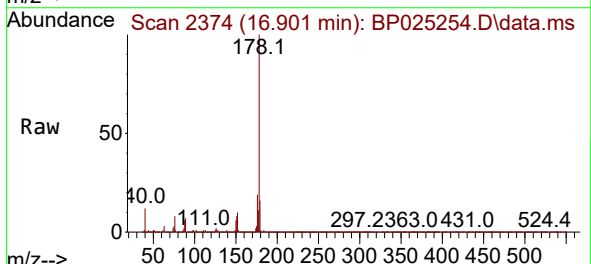
Tgt Ion:178 Resp: 3922326

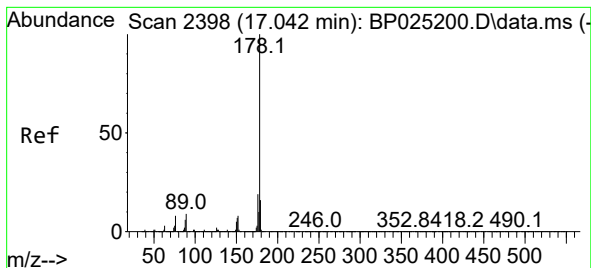
Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.7 12.5 18.7





#72

Anthracene

Concen: 45.364 ng

RT: 17.001 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

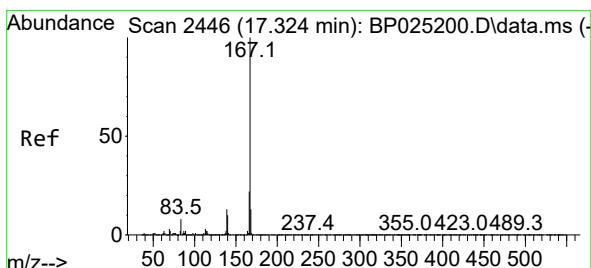
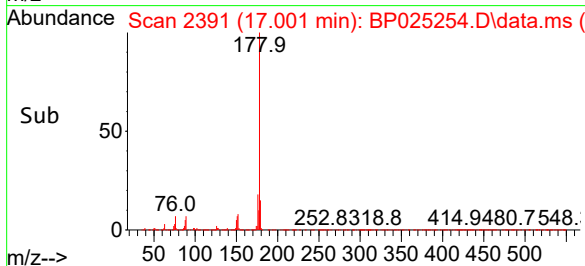
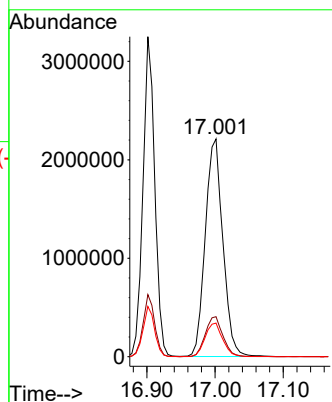
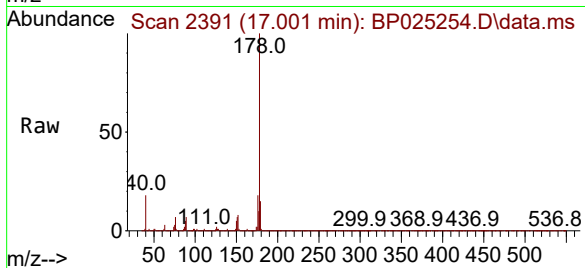
Tgt Ion:178 Resp: 3968695

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.4 12.5 18.7



#73

Carbazole

Concen: 43.955 ng

RT: 17.301 min Scan# 2442

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

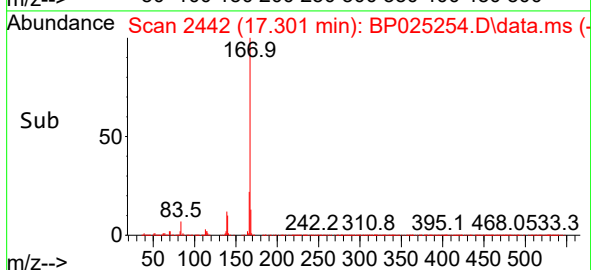
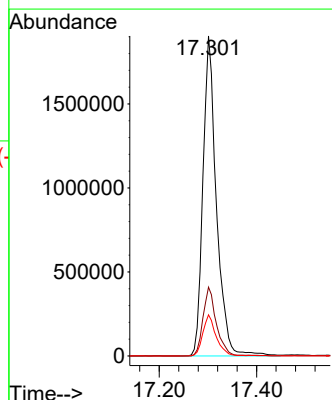
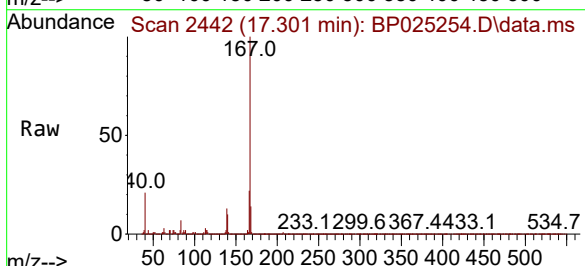
Tgt Ion:167 Resp: 3670871

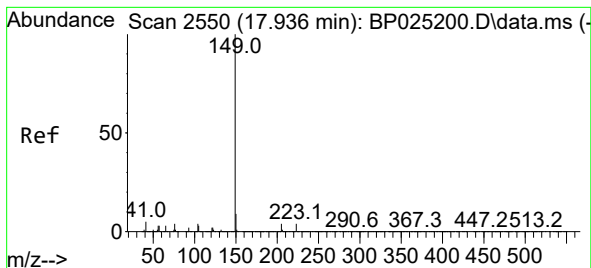
Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.9 10.1 15.1





#74

Di-n-butylphthalate

Concen: 47.481 ng

RT: 17.901 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

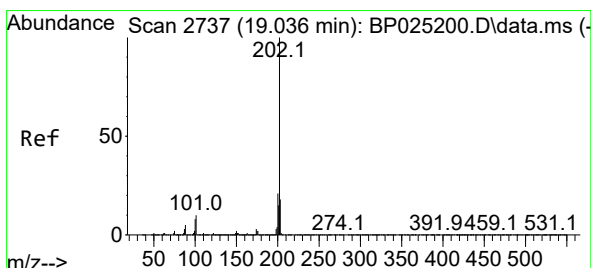
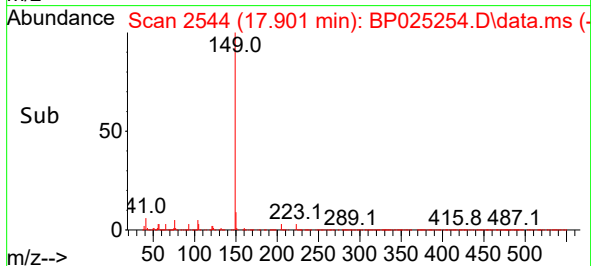
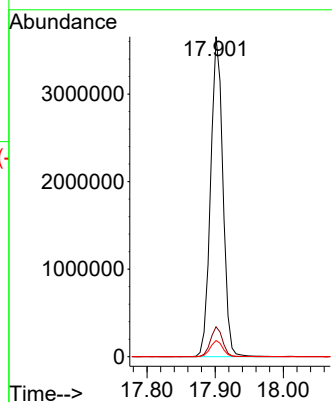
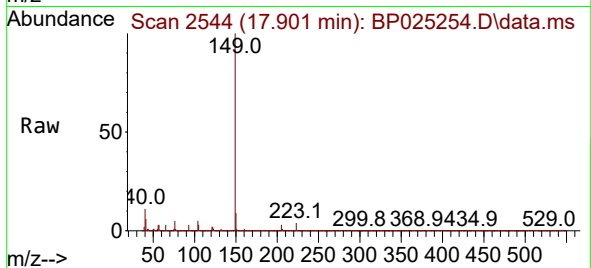
Tgt Ion:149 Resp: 4575346

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.1 3.5 5.3



#75

Fluoranthene

Concen: 46.734 ng

RT: 19.001 min Scan# 2731

Delta R.T. 0.024 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

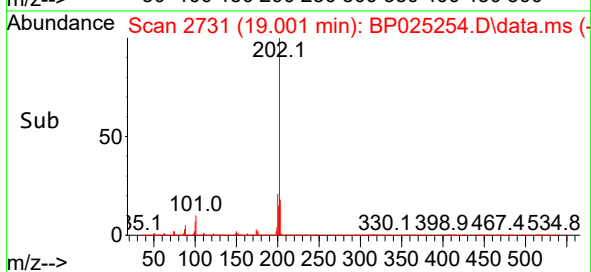
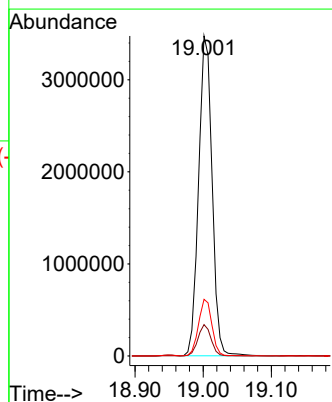
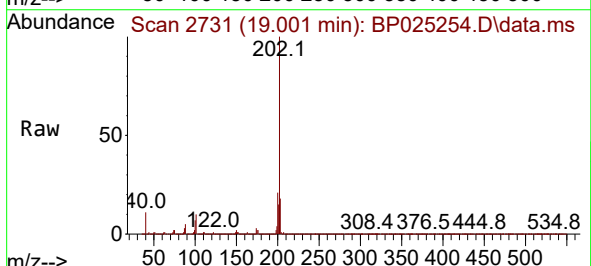
Tgt Ion:202 Resp: 4776478

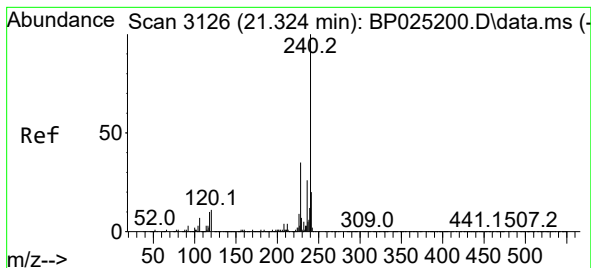
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

203 17.7 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.283 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

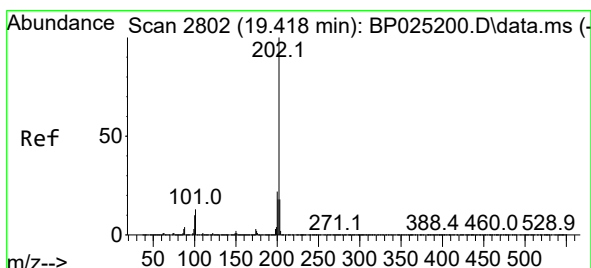
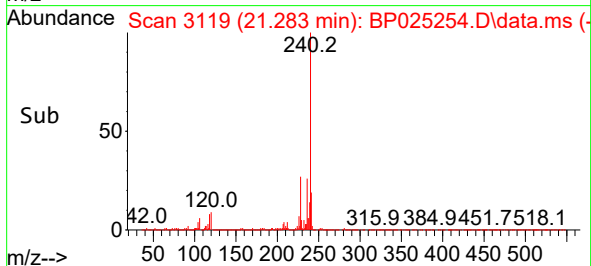
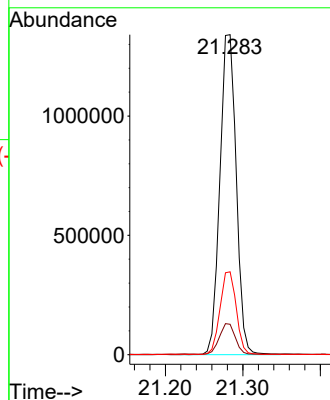
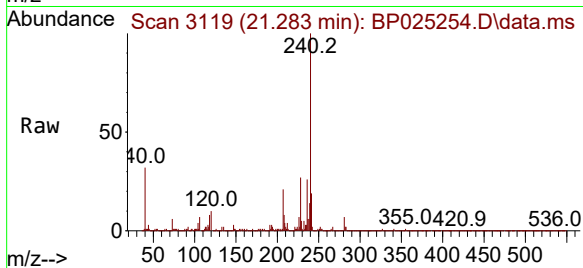
Tgt Ion:240 Resp: 1961863

Ion Ratio Lower Upper

240 100

120 9.5 8.8 13.2

236 25.9 20.9 31.3



#78

Pyrene

Concen: 40.386 ng

RT: 19.384 min Scan# 2796

Delta R.T. 0.024 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

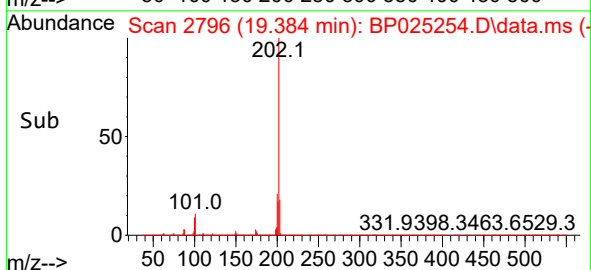
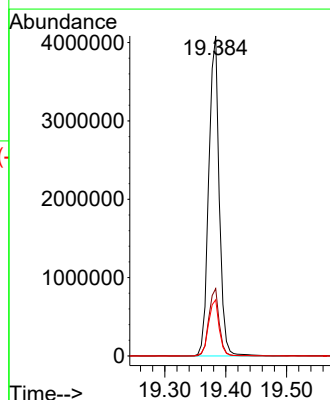
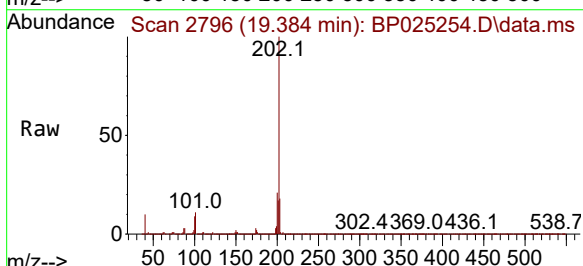
Tgt Ion:202 Resp: 4885374

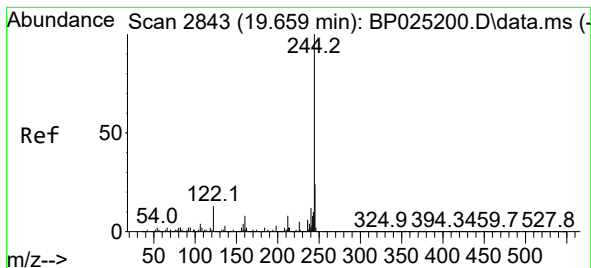
Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 81.700 ng

RT: 19.625 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

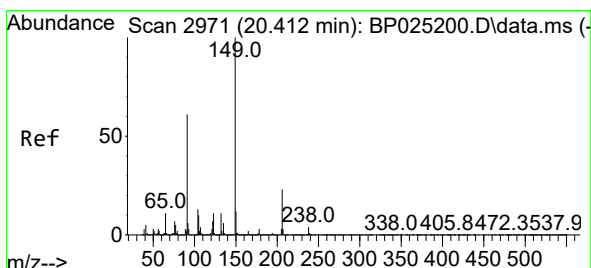
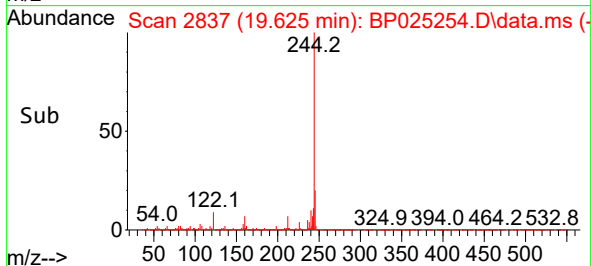
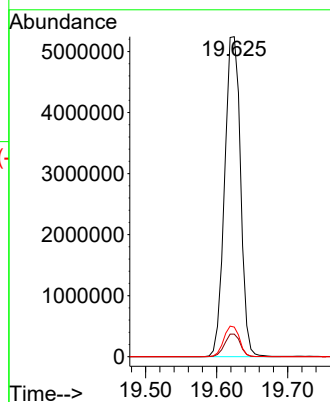
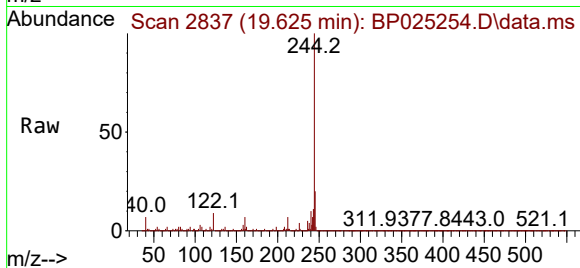
Tgt Ion:244 Resp: 8119626

Ion Ratio Lower Upper

244 100

212 7.1 6.6 9.8

122 9.3 10.3 15.5#



#80

Butylbenzylphthalate

Concen: 38.493 ng

RT: 20.360 min Scan# 2962

Delta R.T. 0.012 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

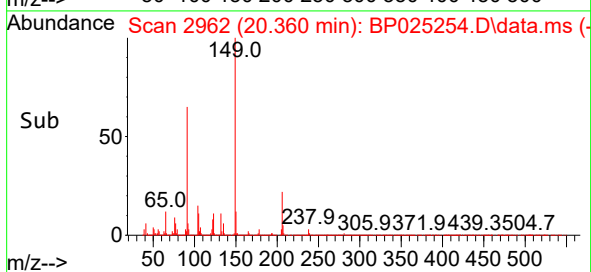
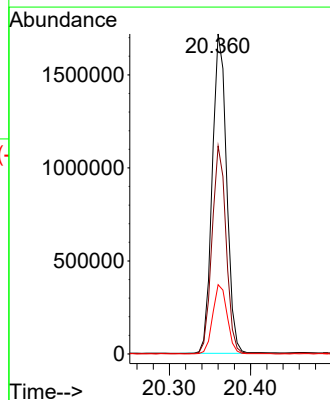
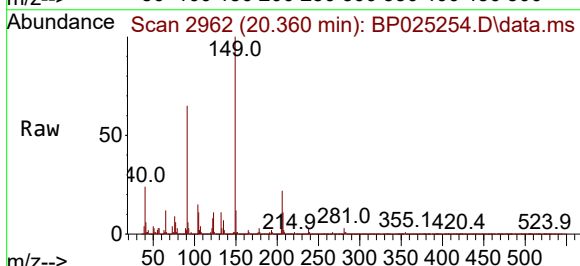
Tgt Ion:149 Resp: 2107782

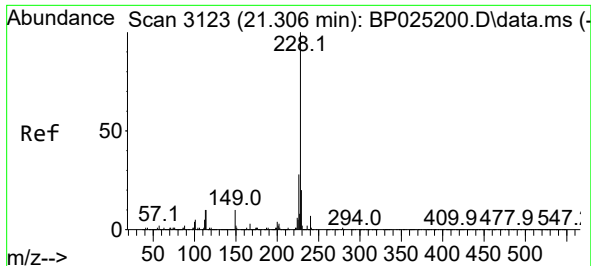
Ion Ratio Lower Upper

149 100

91 65.0 48.8 73.2

206 21.7 18.4 27.6

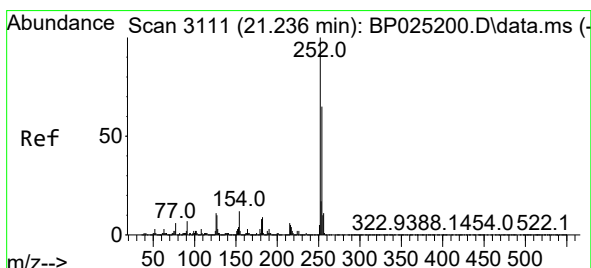
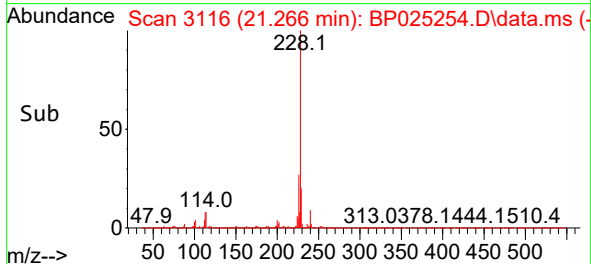
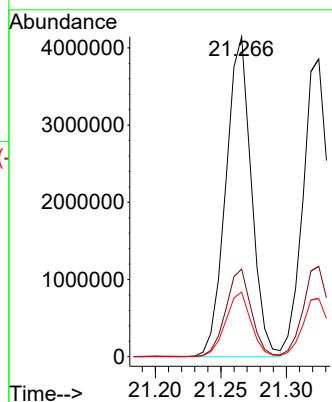
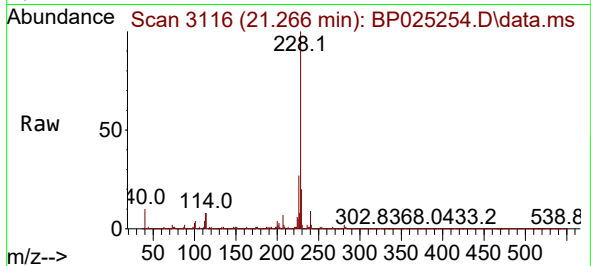




#81
Benzo(a)anthracene
Concen: 45.312 ng
RT: 21.266 min Scan# 3116
Delta R.T. 0.018 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

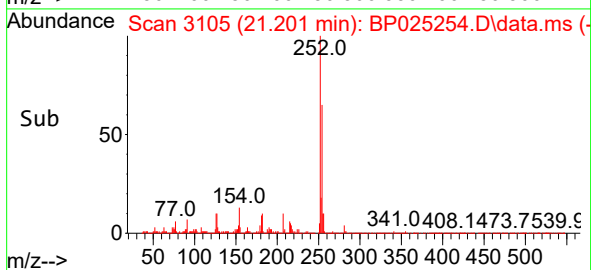
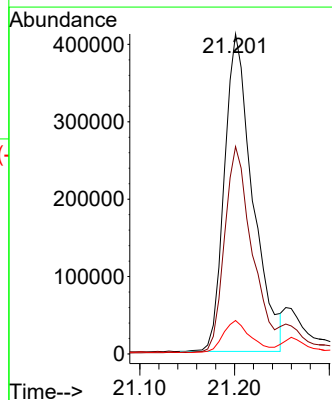
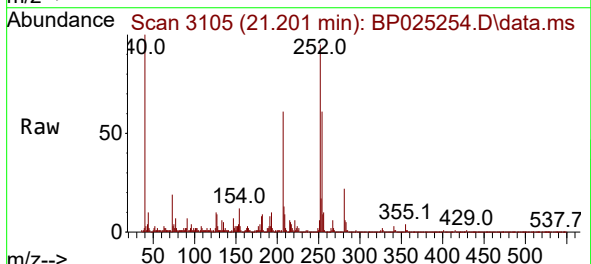
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

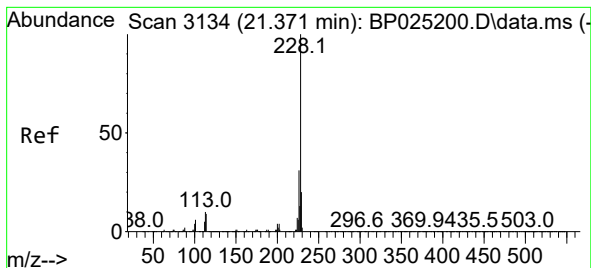
Tgt Ion:228 Resp: 5613847
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 16.552 ng
RT: 21.201 min Scan# 3105
Delta R.T. 0.024 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:252 Resp: 850067
Ion Ratio Lower Upper
252 100
254 64.8 52.1 78.1
126 10.4 8.6 12.8





#83

Chrysene

Concen: 45.425 ng

RT: 21.325 min Scan# 3110

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

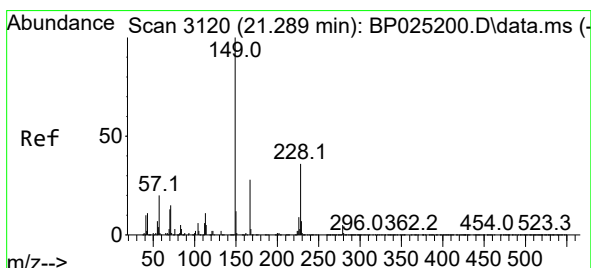
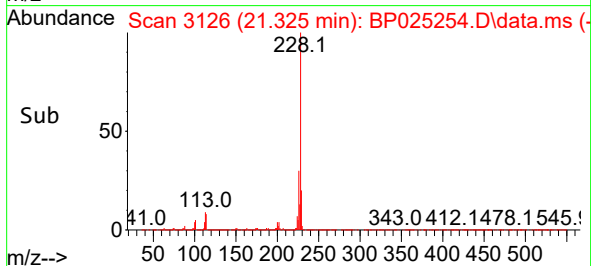
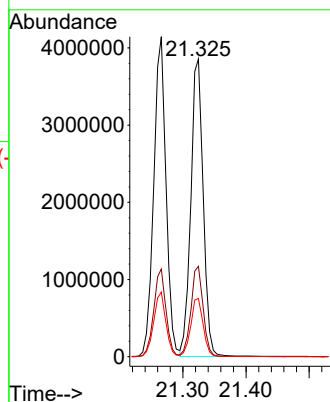
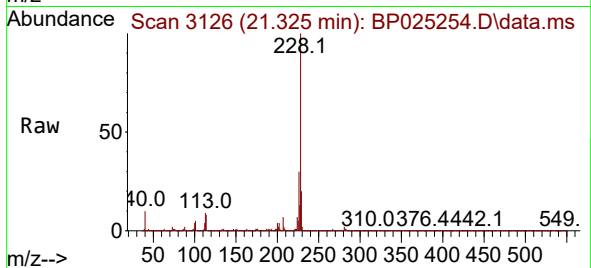
Tgt Ion:228 Resp: 5253526

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.670 ng

RT: 21.230 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

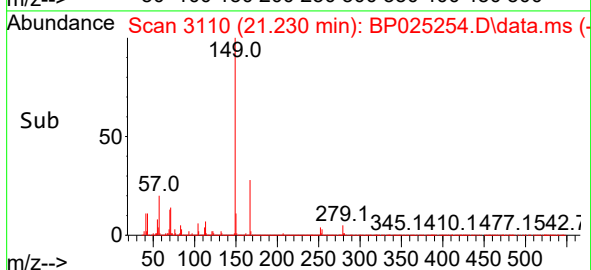
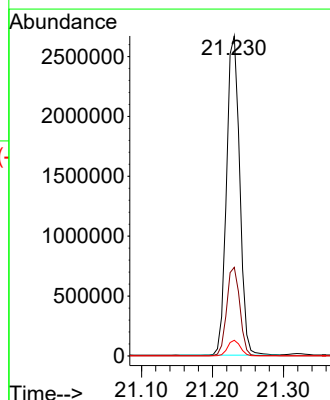
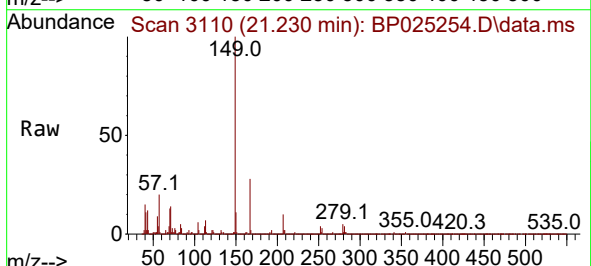
Tgt Ion:149 Resp: 3419201

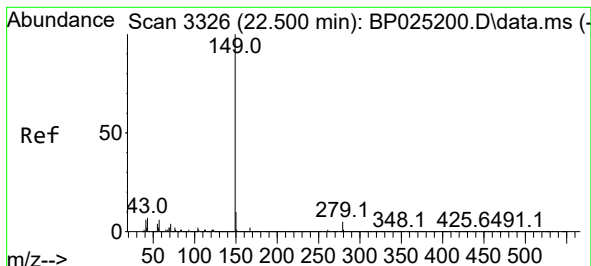
Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

279 4.9 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 44.578 ng

RT: 22.419 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

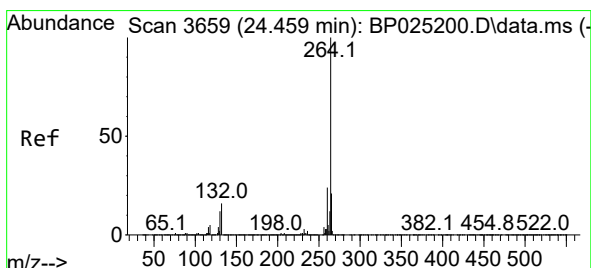
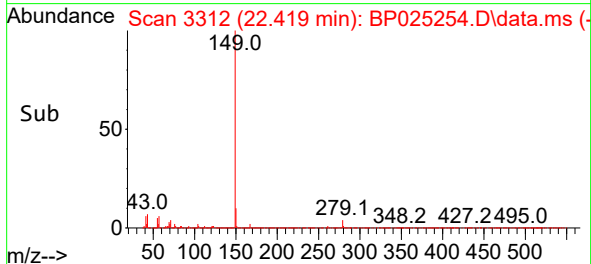
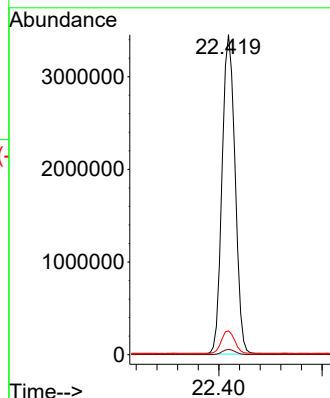
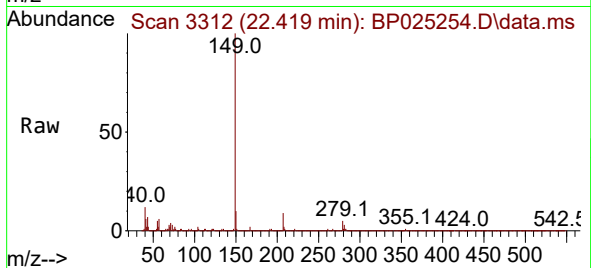
Tgt Ion:149 Resp: 6027069

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.366 min Scan# 3643

Delta R.T. 0.035 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

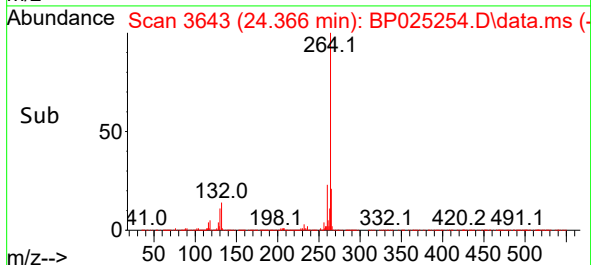
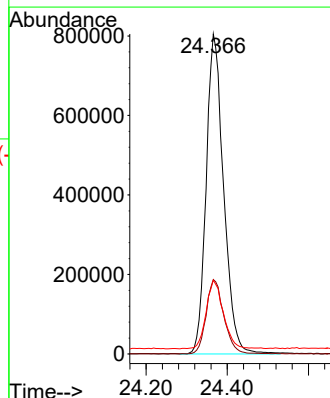
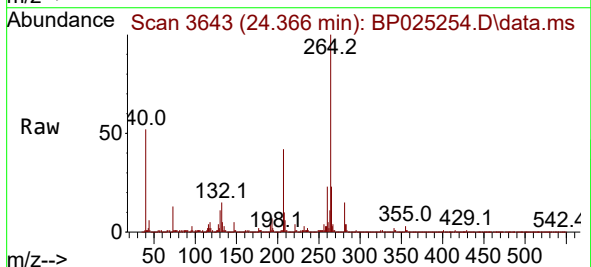
Tgt Ion:264 Resp: 2401496

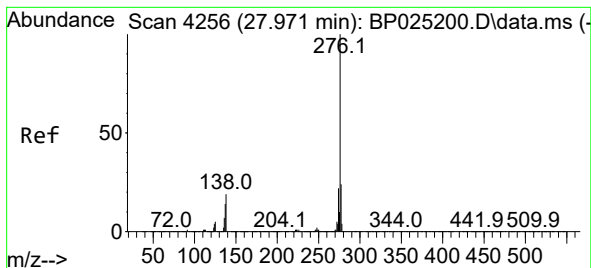
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 23.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.485 ng

RT: 27.842 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

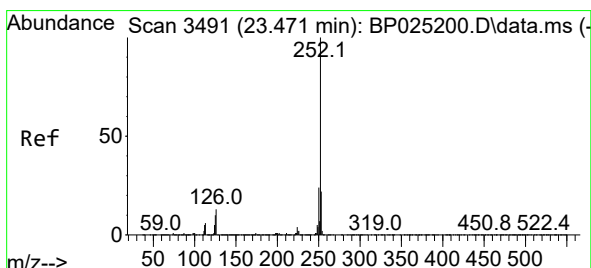
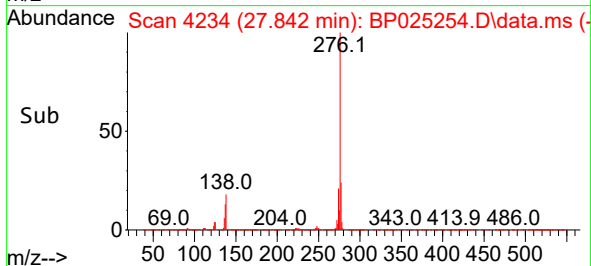
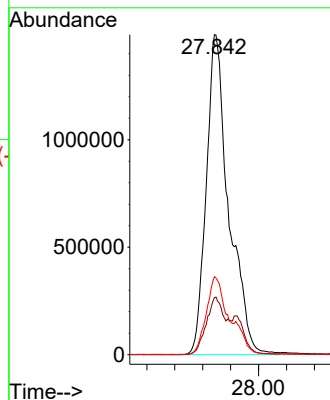
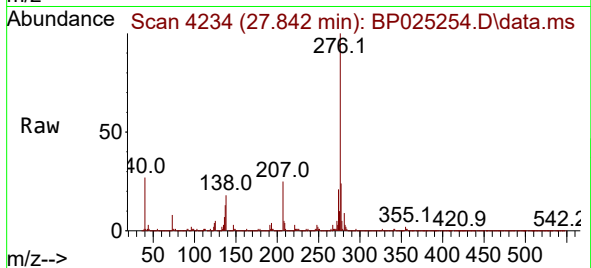
Tgt Ion:276 Resp: 8333397

Ion Ratio Lower Upper

276 100

138 15.4 12.8 19.2

277 21.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.072 ng

RT: 23.383 min Scan# 3476

Delta R.T. 0.029 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

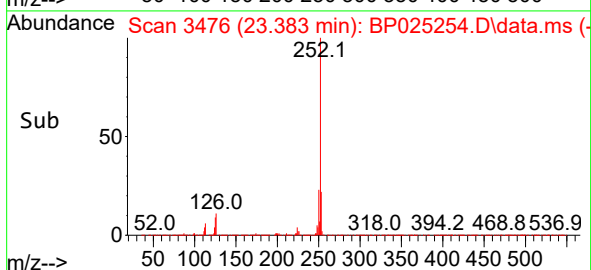
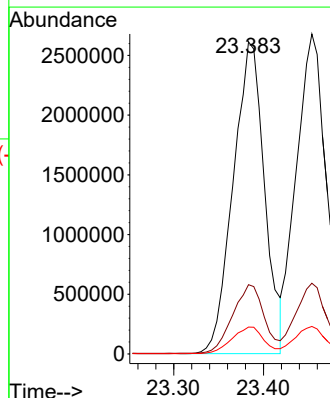
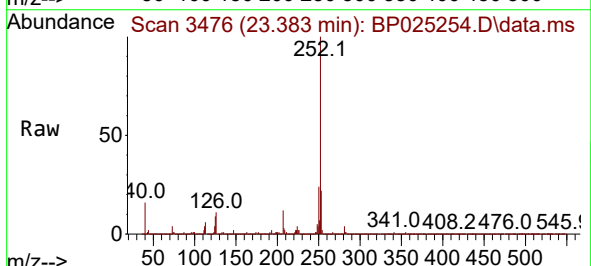
Tgt Ion:252 Resp: 6333186

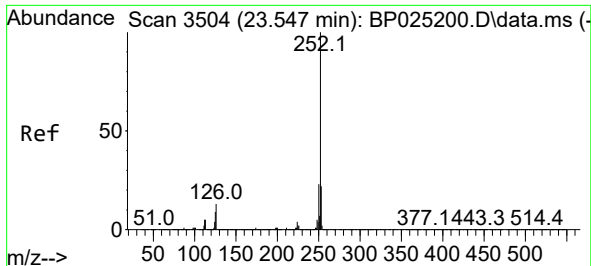
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 8.6 7.8 11.8

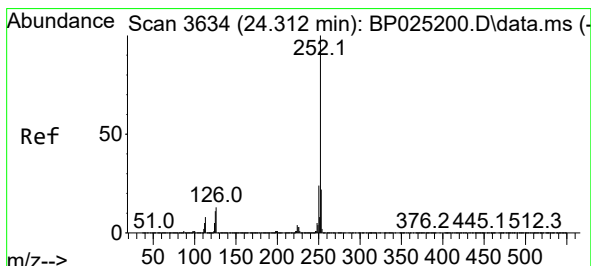
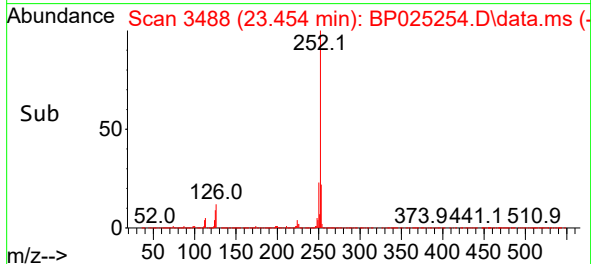
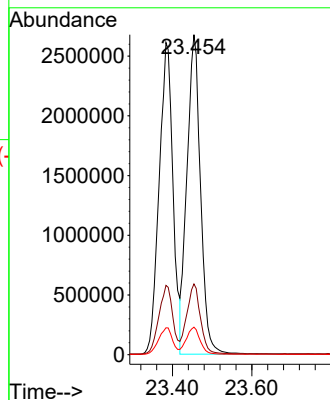
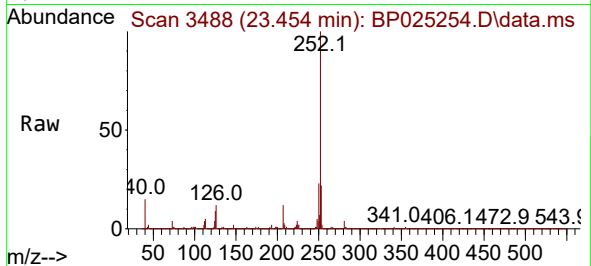




#89
Benzo(k)fluoranthene
Concen: 46.853 ng
RT: 23.454 min Scan# 34
Delta R.T. 0.035 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

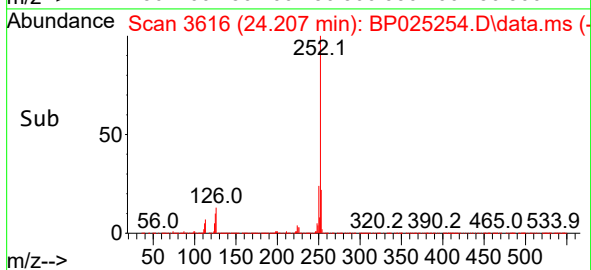
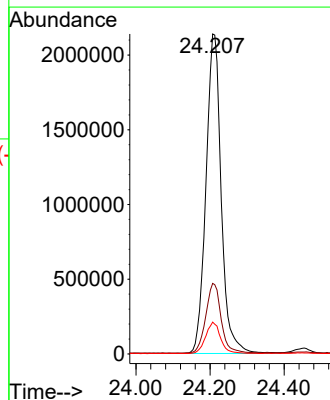
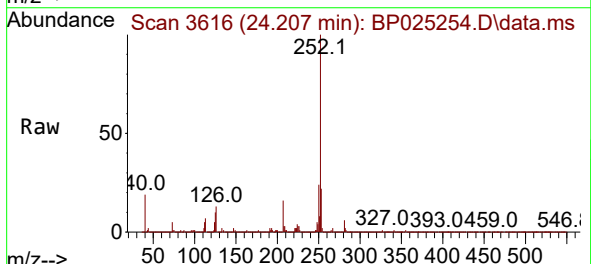
Instrument :
BNA_P
ClientSampleId :
PB168971BSD

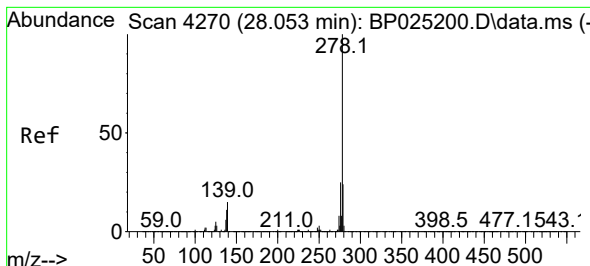
Tgt Ion:252 Resp: 6358290
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 8.6 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.567 ng
RT: 24.207 min Scan# 3616
Delta R.T. 0.035 min
Lab File: BP025254.D
Acq: 28 Jul 2025 19:02

Tgt Ion:252 Resp: 6111517
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 48.296 ng

RT: 27.918 min Scan# 4114

Delta R.T. 0.076 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Instrument :

BNA_P

ClientSampleId :

PB168971BSD

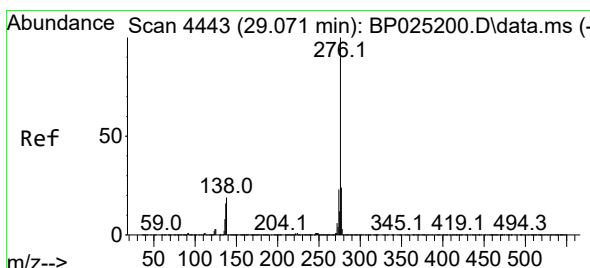
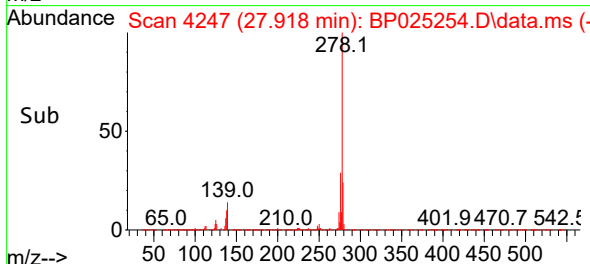
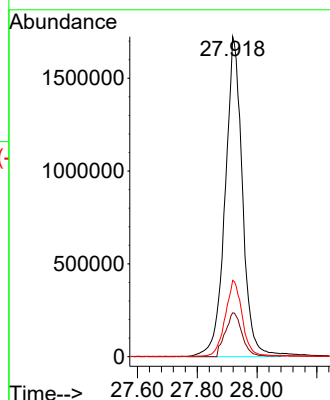
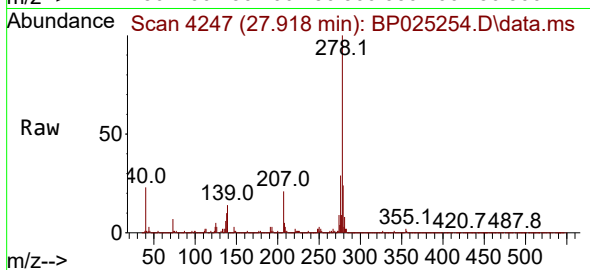
Tgt Ion:278 Resp: 6914989

Ion Ratio Lower Upper

278 100

139 13.7 12.0 18.0

279 23.8 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 47.966 ng

RT: 28.901 min Scan# 4414

Delta R.T. 0.071 min

Lab File: BP025254.D

Acq: 28 Jul 2025 19:02

Tgt Ion:276 Resp: 6749210

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 19.0 15.4 23.2

