

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025183.D
 Acq On : 17 Jul 2025 18:26
 Operator : CG/JU
 Sample : Q2612-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-071525MS

Quant Time: Jul 18 01:37:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	500957	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2014578	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1317787	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	2700642	20.000	ng	0.02
76) Chrysene-d12	21.372	240	2642491	20.000	ng	0.03
86) Perylene-d12	24.518	264	3823105	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	2892704	102.313	ng	0.01
7) Phenol-d6	6.643	99	3096972	83.938	ng	0.01
23) Nitrobenzene-d5	8.572	82	1857738	61.327	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1756781	112.849	ng	0.00
45) 2-Fluorobiphenyl	12.696	172	4620424	54.317	ng	0.00
79) Terphenyl-d14	19.677	244	6865314	57.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	463293	42.140	ng	98
3) Pyridine	3.490	79	1300114	43.194	ng	98
4) n-Nitrosodimethylamine	3.402	42	564808	44.318	ng	92
6) Aniline	6.784	93	1409066	40.875	ng	99
8) 2-Chlorophenol	7.019	128	1472678	46.554	ng	98
9) Benzaldehyde	6.602	77	837021	43.439	ng	95
10) Phenol	6.672	94	1669737	44.539	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1183727	41.027	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1545744	43.661	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1580196	44.085	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1528933	44.341	ng	99
15) Benzyl Alcohol	7.678	79	1141900	46.370	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1482220	39.510	ng	97
17) 2-Methylphenol	7.890	107	1171673	48.518	ng	99
18) Hexachloroethane	8.496	117	546558	46.806	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	902417	41.242	ng	98
20) 3+4-Methylphenols	8.208	107	1595736	47.176	ng	98
22) Acetophenone	8.249	105	1974576	41.444	ng	98
24) Nitrobenzene	8.613	77	1368191	44.343	ng	98
25) Isophorone	9.143	82	2602340	45.969	ng	98
26) 2-Nitrophenol	9.319	139	799264	53.011	ng	100
27) 2,4-Dimethylphenol	9.396	122	1379247	65.314	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1643751	42.763	ng	99
29) 2,4-Dichlorophenol	9.849	162	1455086	49.693	ng	99
30) 1,2,4-Trichlorobenzene	10.066	180	1471936	45.393	ng	97
31) Naphthalene	10.237	128	4390528	42.325	ng	99
32) Benzoic acid	9.549	122	1217049	56.437	ng	96
33) 4-Chloroaniline	10.354	127	1072783	27.711	ng	99
34) Hexachlorobutadiene	10.537	225	901958	48.471	ng	100
35) Caprolactam	11.149	113	464695m	46.390	ng	
36) 4-Chloro-3-methylphenol	11.501	107	1481476	48.415	ng	99
37) 2-Methylnaphthalene	11.878	142	2888050	39.458	ng	99
38) 1-Methylnaphthalene	12.090	142	3046534	42.679	ng	100
40) 1,2,4,5-Tetrachloroben...	12.254	216	1713755	45.250	ng	99
41) Hexachlorocyclopentadiene	12.237	237	1348485	136.313	ng	98
43) 2,4,6-Trichlorophenol	12.501	196	1235680	53.883	ng	99

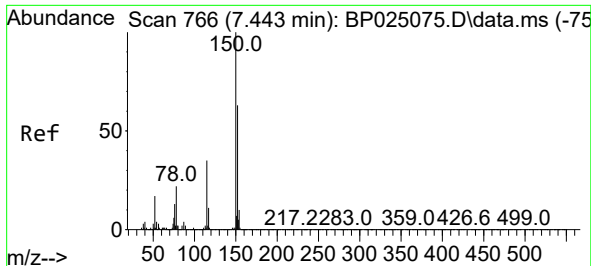
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.578	196	1362712	52.433	ng	98
46) 1,1'-Biphenyl	12.913	154	4156347	43.349	ng	100
47) 2-Chloronaphthalene	12.948	162	3239002	44.946	ng	99
48) 2-Nitroaniline	13.154	65	867472	49.074	ng	99
49) Acenaphthylene	13.813	152	5529829	50.136	ng	100
50) Dimethylphthalate	13.566	163	4124627	44.714	ng	99
51) 2,6-Dinitrotoluene	13.672	165	912047	50.695	ng	98
52) Acenaphthene	14.166	154	3079976	43.325	ng	99
53) 3-Nitroaniline	14.007	138	751247	38.964	ng	96
54) 2,4-Dinitrophenol	14.219	184	519842	60.529	ng	92
55) Dibenzofuran	14.507	168	5021269	42.799	ng	99
56) 4-Nitrophenol	14.354	139	1794058	100.832	ng	97
57) 2,4-Dinitrotoluene	14.478	165	1315419	49.720	ng	91
58) Fluorene	15.172	166	4007979	44.167	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1235830	52.510	ng	96
60) Diethylphthalate	14.972	149	4175423	45.067	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1992065	44.358	ng	99
62) 4-Nitroaniline	15.195	138	945947	46.790	ng	99
63) Azobenzene	15.484	77	3728363	45.191	ng	94
65) 4,6-Dinitro-2-methylph...	15.266	198	376163	32.629	ng	96
66) n-Nitrosodiphenylamine	15.401	169	3562713	46.096	ng	100
67) 4-Bromophenyl-phenylether	16.101	248	1392197	50.348	ng	98
68) Hexachlorobenzene	16.219	284	1651191	48.855	ng	96
69) Atrazine	16.395	200	1336219	58.999	ng	100
70) Pentachlorophenol	16.566	266	2319032	101.598	ng	99
71) Phenanthrene	16.960	178	6440994	44.634	ng	100
72) Anthracene	17.054	178	6603102	47.695	ng	100
73) Carbazole	17.336	167	6073632	44.869	ng	100
74) Di-n-butylphthalate	17.966	149	7351753	48.772	ng	99
75) Fluoranthene	19.078	202	8701151	51.584	ng	99
77) Benzidine	19.272	184	3406432	72.990	ng	97
78) Pyrene	19.454	202	8647337	52.834	ng	100
80) Butylbenzylphthalate	20.430	149	3244457	51.186	ng	99
81) Benzo(a)anthracene	21.348	228	7963211	49.727	ng	98
82) 3,3'-Dichlorobenzidine	21.272	252	2355837	48.868	ng	100
83) Chrysene	21.413	228	7486910	48.582	ng	99
84) Bis(2-ethylhexyl)phtha...	21.324	149	4707824	54.808	ng	99
85) Di-n-octyl phthalate	22.548	149	8098389	50.983	ng	97
87) Indeno(1,2,3-cd)pyrene	28.083	276	10652897m	43.739	ng	
88) Benzo(b)fluoranthene	23.524	252	8524140	38.307	ng	99
89) Benzo(k)fluoranthene	23.589	252	8173972	36.918	ng	98
90) Benzo(a)pyrene	24.371	252	9947492	52.524	ng	99
91) Dibenzo(a,h)anthracene	28.165	278	8525841	42.349	ng	97
92) Benzo(g,h,i)perylene	29.189	276	8550348	41.113	ng	99

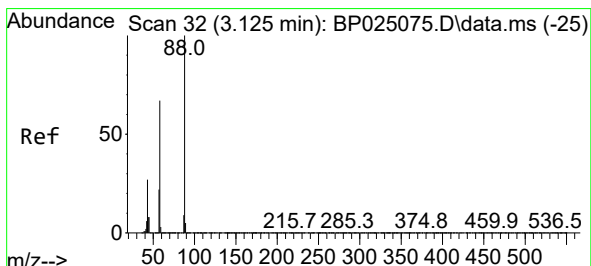
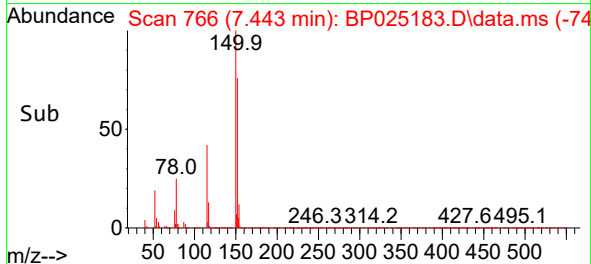
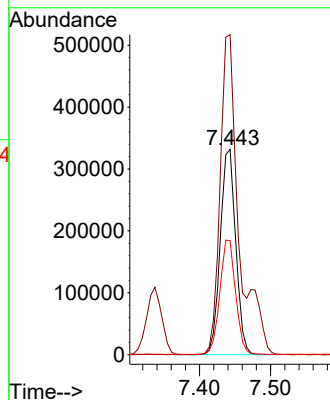
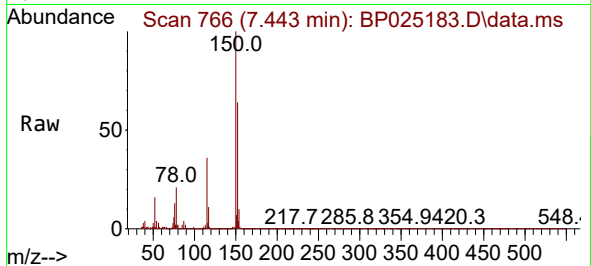
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BP025183.D
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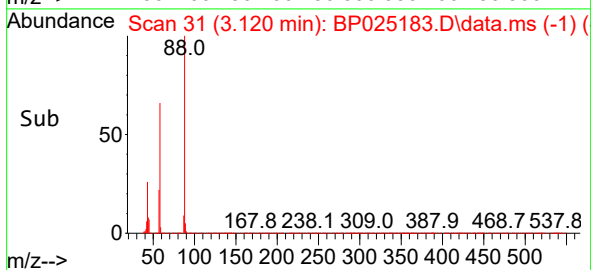
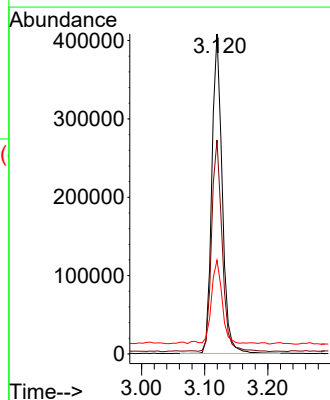
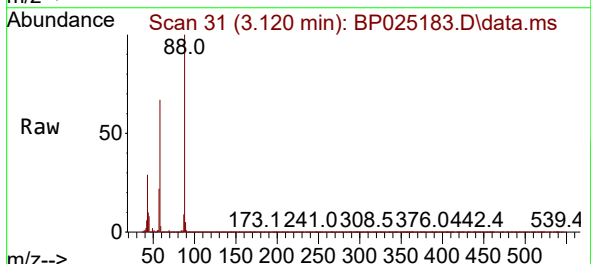
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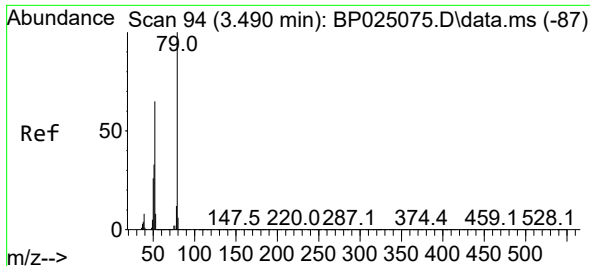
Tgt Ion:152 Resp: 500957
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.1 189.1
 115 55.5 44.3 66.5



#2
 1,4-Dioxane
 Concen: 42.140 ng
 RT: 3.120 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP025183.D
 Acq: 17 Jul 2025 18:26

Tgt Ion: 88 Resp: 463293
 Ion Ratio Lower Upper
 88 100
 58 67.4 55.0 82.4
 43 25.9 21.9 32.9

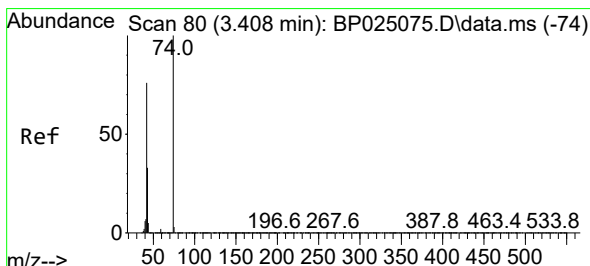
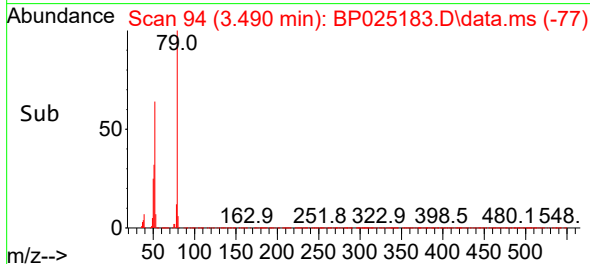
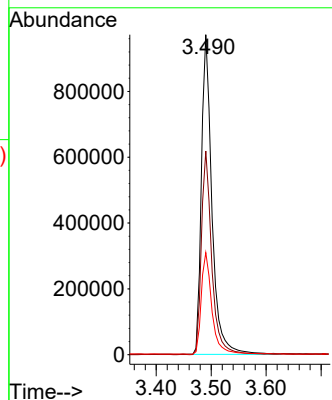
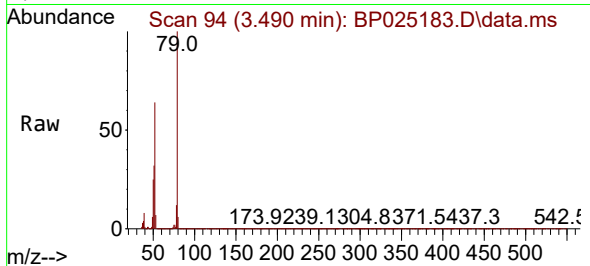




#3
Pyridine
Concen: 43.194 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

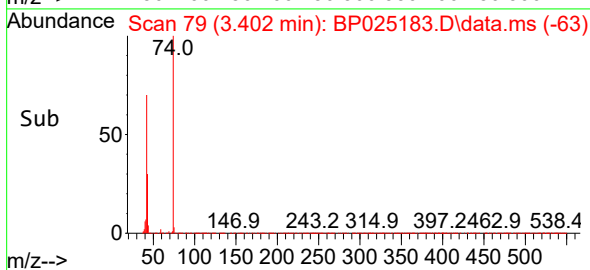
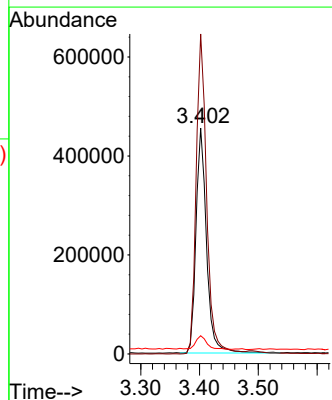
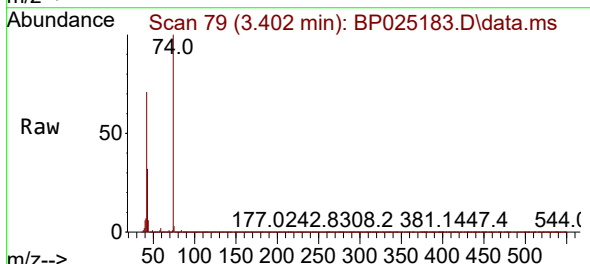
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BNA_P
ClientSampleId :
OR-02-071525MS

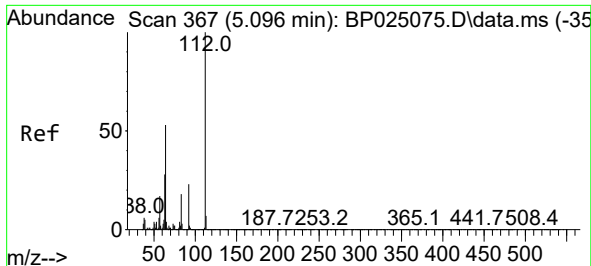
Tgt Ion: 79 Resp: 1300114
Ion Ratio Lower Upper
79 100
52 63.6 52.2 78.4
51 31.9 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 44.318 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 42 Resp: 564808
Ion Ratio Lower Upper
42 100
74 141.6 105.2 157.8
44 8.1 6.6 9.8

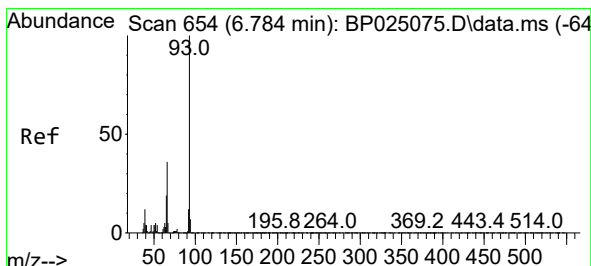
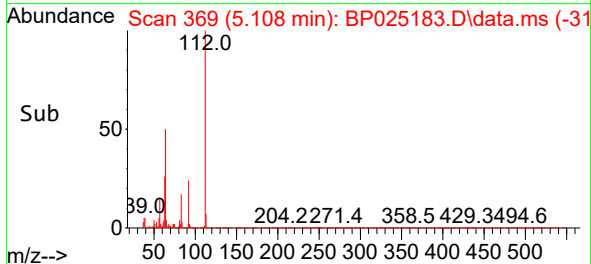
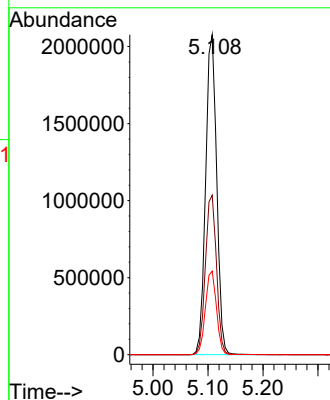
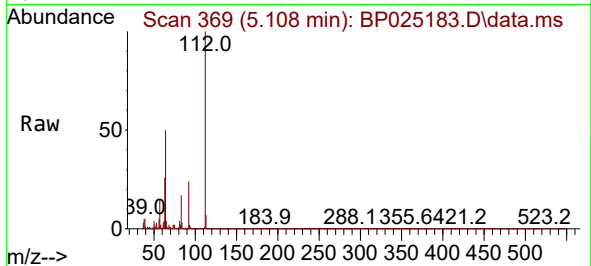




#5
2-Fluorophenol
Concen: 102.313 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

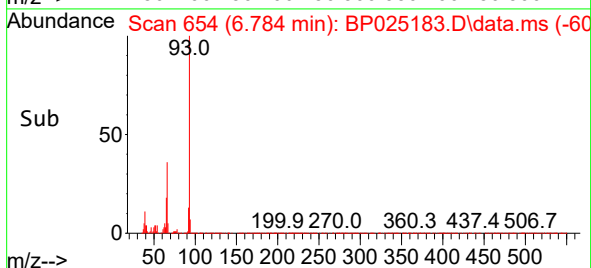
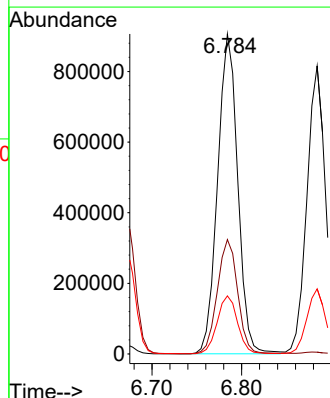
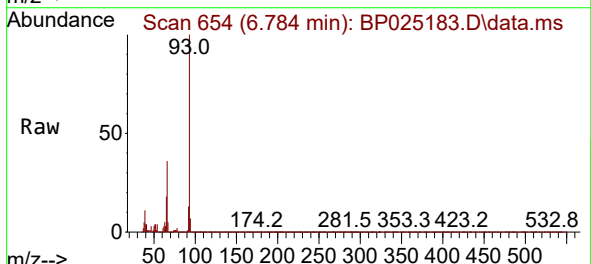
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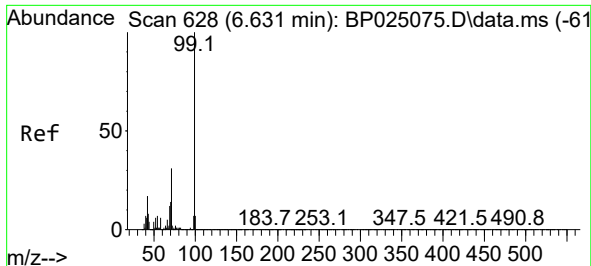
Tgt Ion:112 Resp: 2892704
Ion Ratio Lower Upper
112 100
64 49.9 42.0 63.0
63 26.1 22.2 33.2



#6
Aniline
Concen: 40.875 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 93 Resp: 1409066
Ion Ratio Lower Upper
93 100
66 35.7 28.9 43.3
65 18.2 15.2 22.8

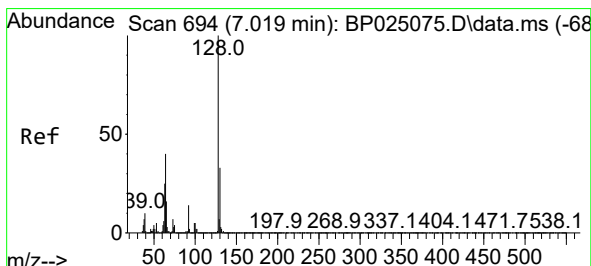
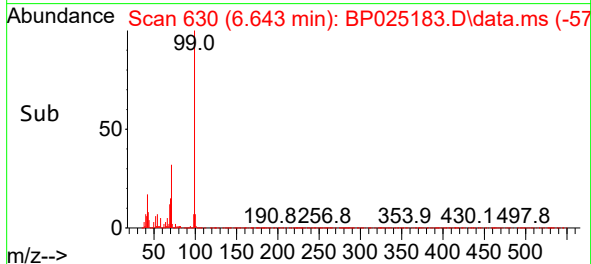
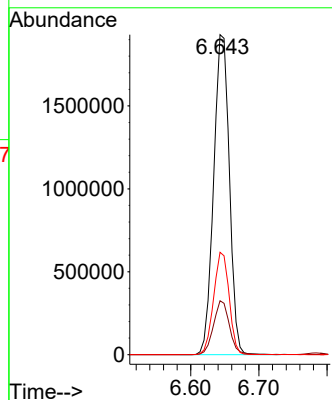
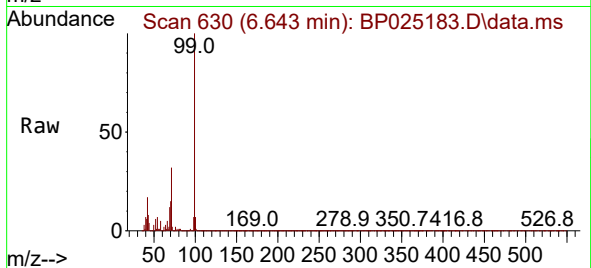




#7
Phenol-d6
Concen: 83.938 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

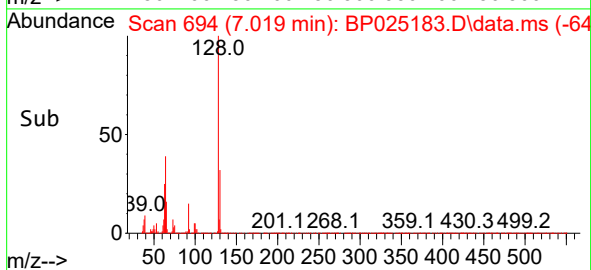
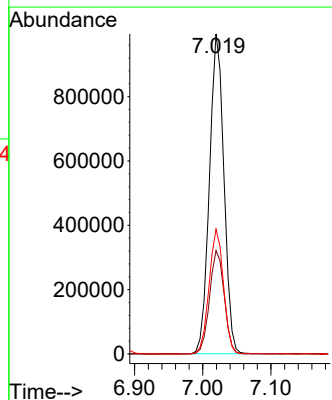
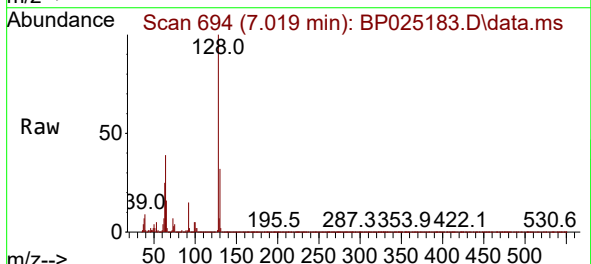
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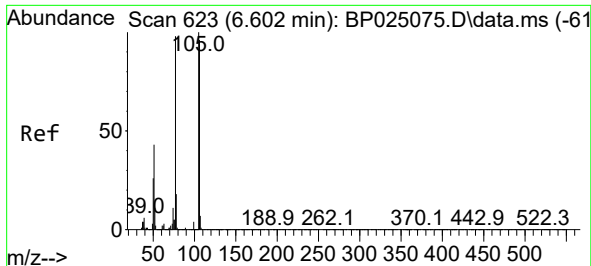
Tgt Ion: 99 Resp: 3096972
Ion Ratio Lower Upper
99 100
42 16.9 13.6 20.4
71 32.0 24.4 36.6



#8
2-Chlorophenol
Concen: 46.554 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 128 Resp: 1472678
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 38.9 20.3 60.3

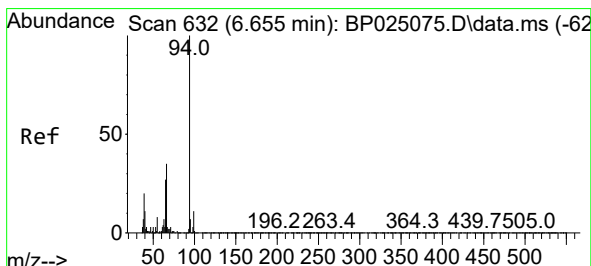
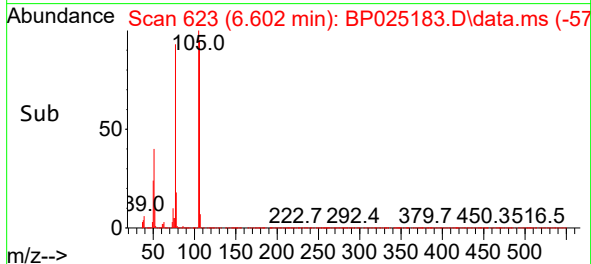
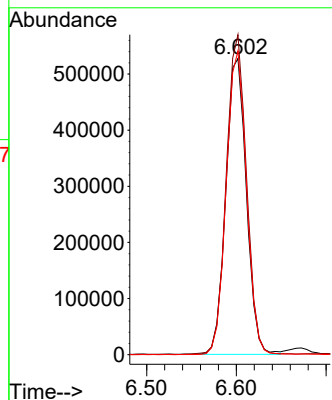
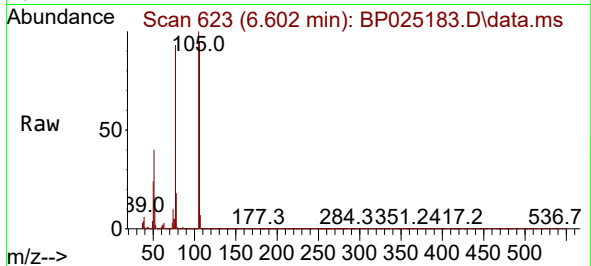




#9
Benzaldehyde
Concen: 43.439 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

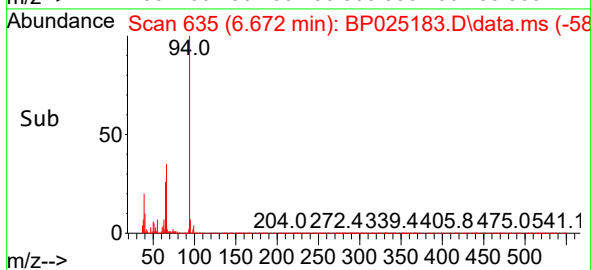
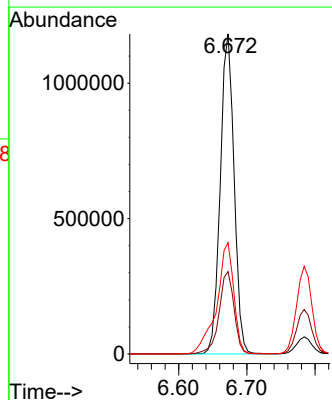
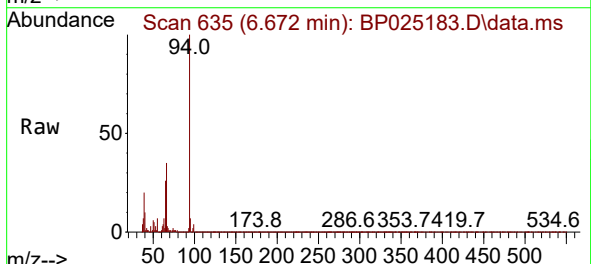
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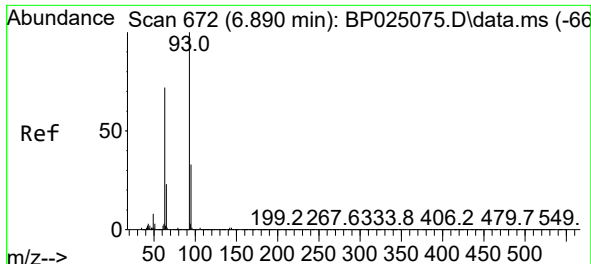
Tgt Ion: 77 Resp: 837021
Ion Ratio Lower Upper
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105 108.1 82.4 122.4
106 102.6 78.3 118.3



#10
Phenol
Concen: 44.539 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 94 Resp: 1669737
Ion Ratio Lower Upper
94 100
65 25.8 6.9 46.9
66 34.8 14.6 54.6

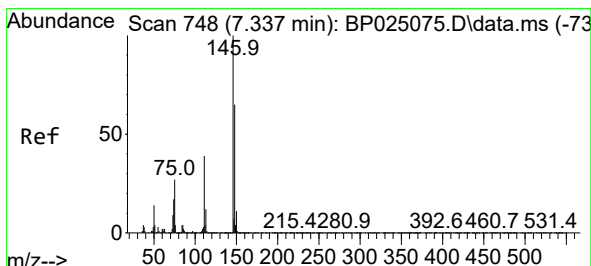
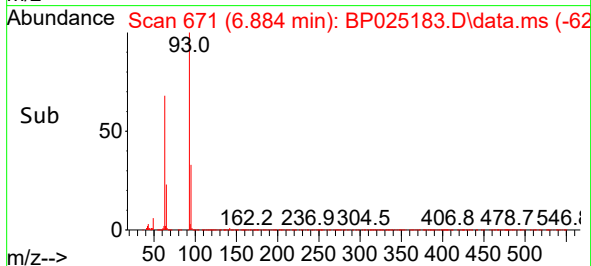
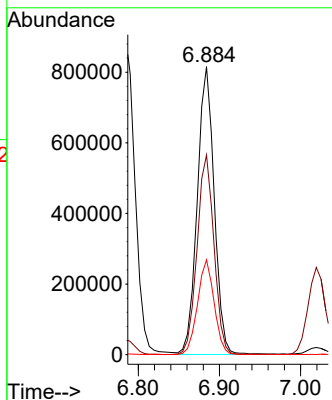
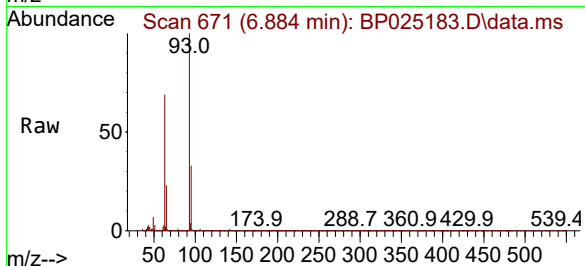




#11
bis(2-Chloroethyl)ether
Concen: 41.027 ng
RT: 6.884 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

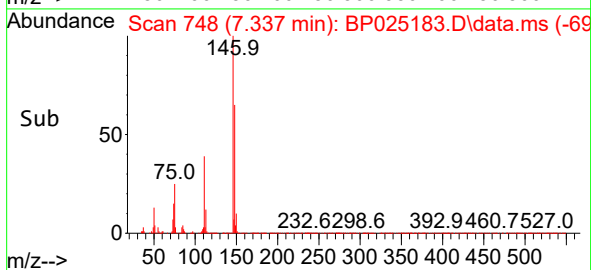
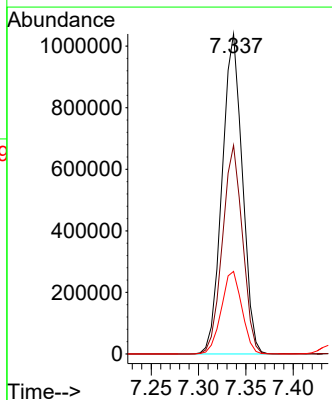
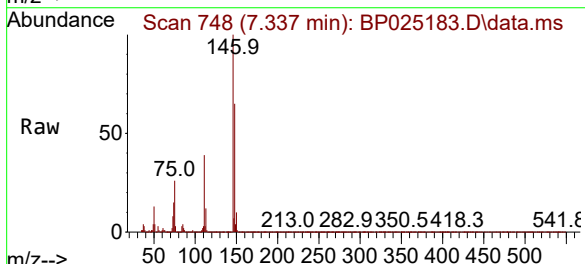
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

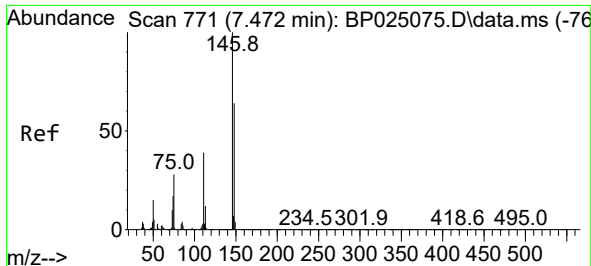
Tgt Ion: 93 Resp: 1183727
Ion Ratio Lower Upper
93 100
63 69.4 51.9 91.9
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.661 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:146 Resp: 1545744
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 25.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 44.085 ng

RT: 7.472 min Scan# 771

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

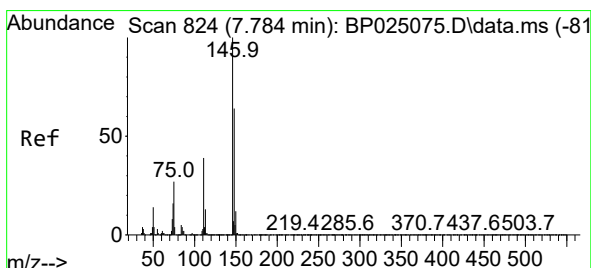
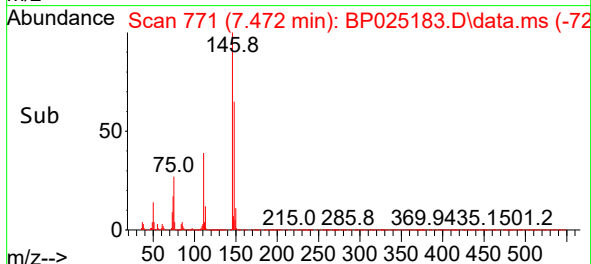
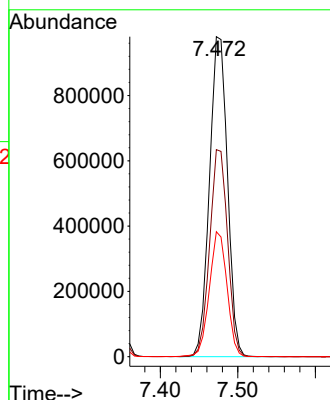
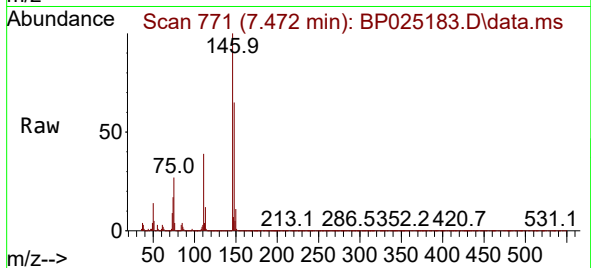
Tgt Ion:146 Resp: 1580196

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

111 39.0 31.2 46.8



#14

1,2-Dichlorobenzene

Concen: 44.341 ng

RT: 7.784 min Scan# 824

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

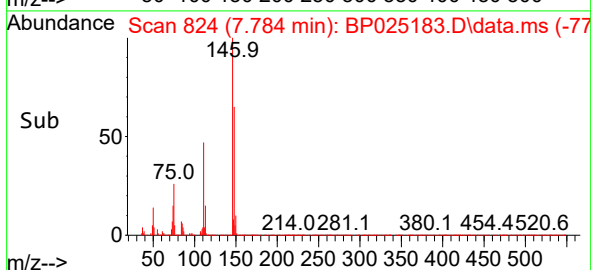
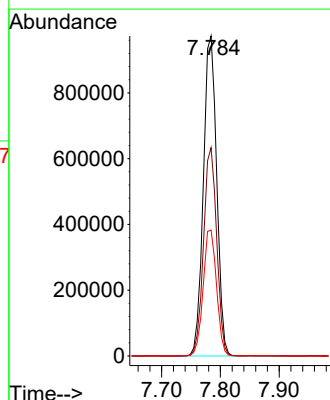
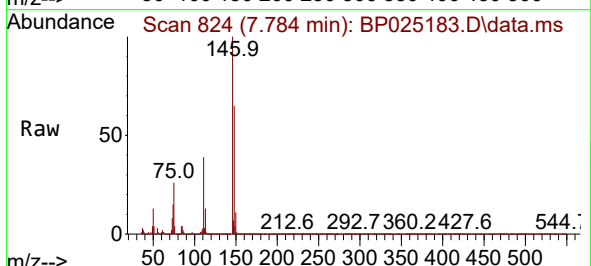
Tgt Ion:146 Resp: 1528933

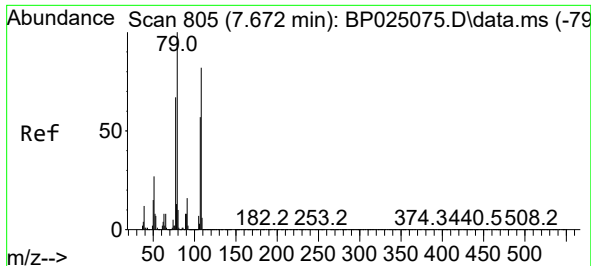
Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

111 39.3 31.2 46.8

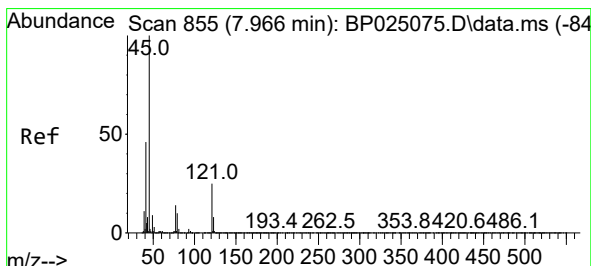
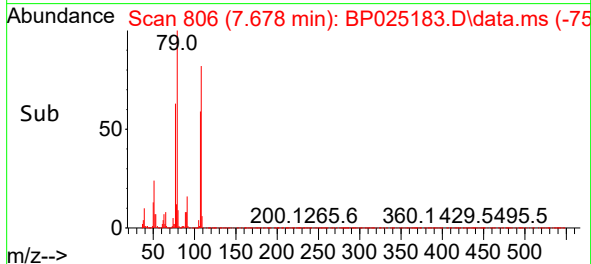
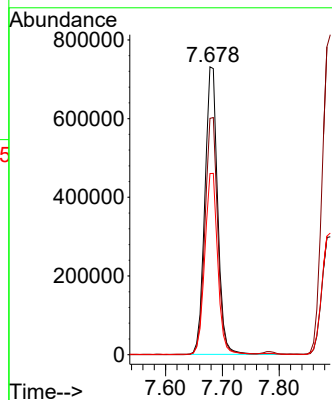
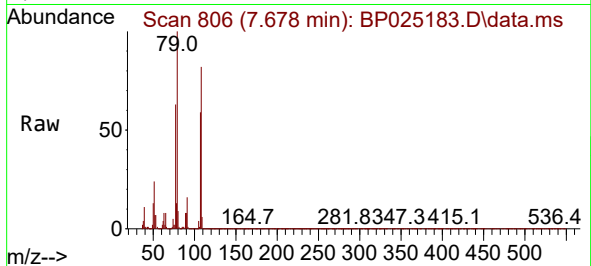




#15
Benzyl Alcohol
Concen: 46.370 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

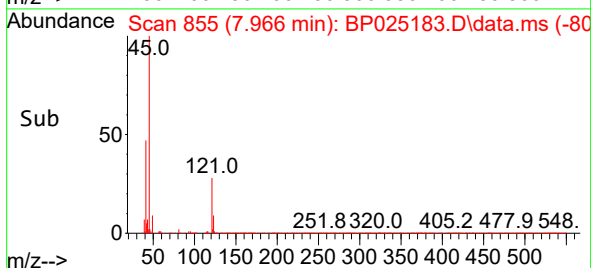
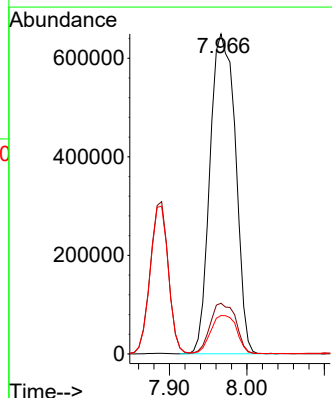
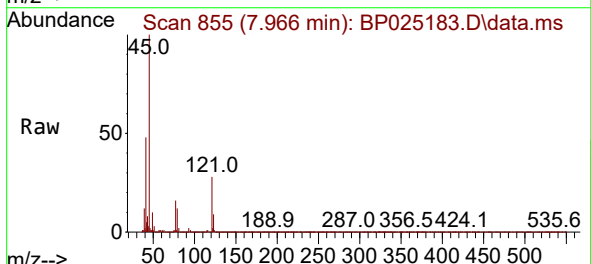
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

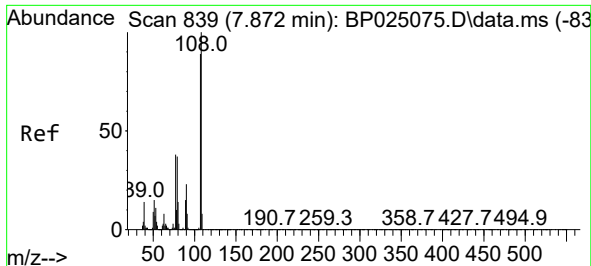
Tgt Ion: 79 Resp: 1141900
Ion Ratio Lower Upper
79 100
108 82.1 66.0 99.0
77 63.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.510 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 45 Resp: 1482220
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.8
79 12.0 0.0 30.7

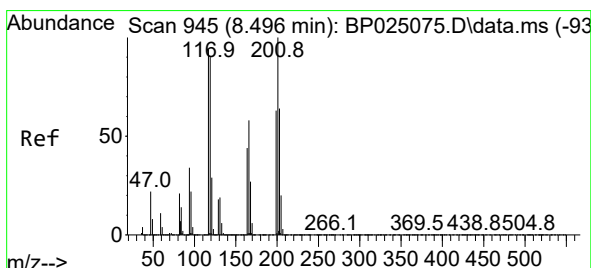
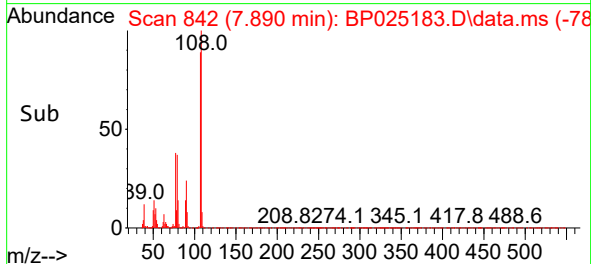
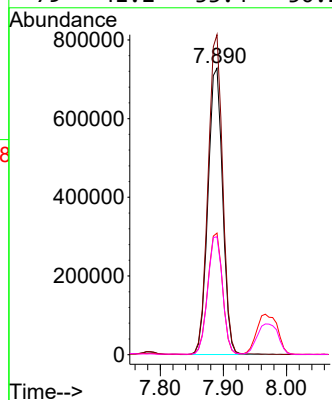
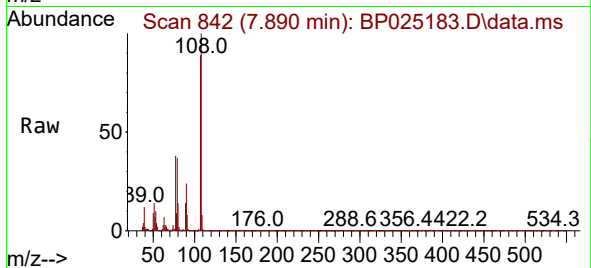




#17
2-Methylphenol
Concen: 48.518 ng
RT: 7.890 min Scan# 84
Delta R.T. 0.018 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

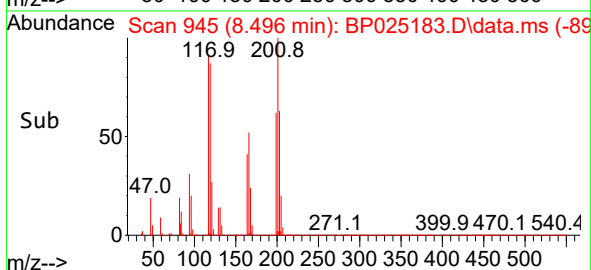
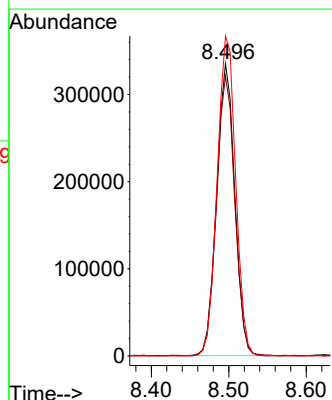
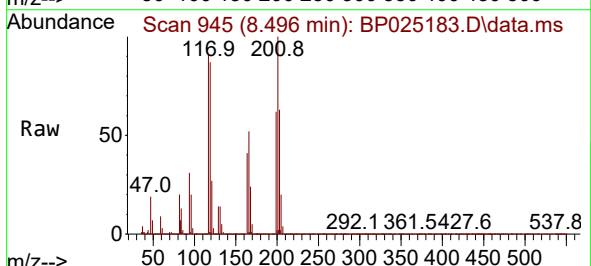
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

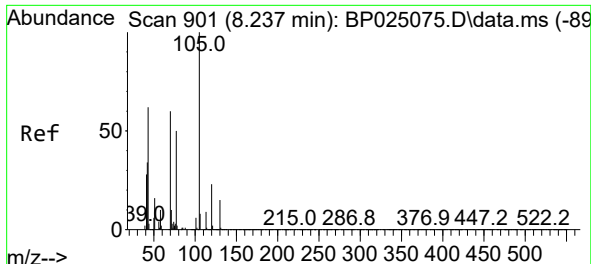
Tgt Ion:107 Resp: 1171673
Ion Ratio Lower Upper
107 100
108 111.7 89.7 134.5
77 42.4 34.2 51.4
79 41.2 33.4 50.2



#18
Hexachloroethane
Concen: 46.806 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:117 Resp: 546558
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
201 109.4 85.4 128.2



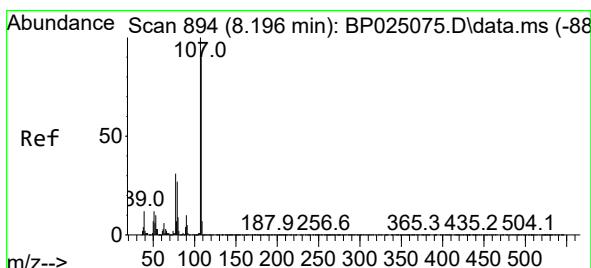
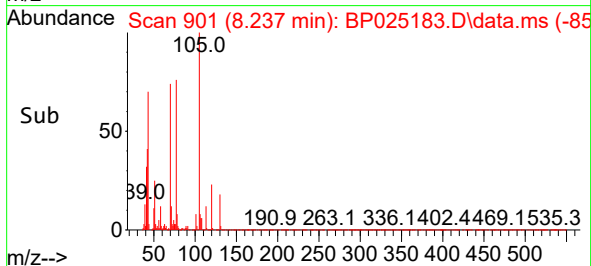
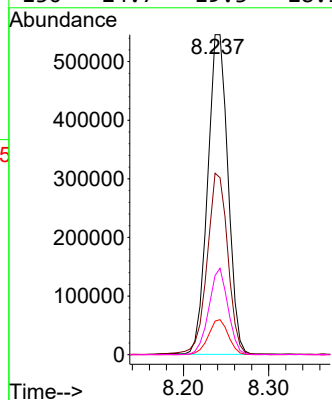
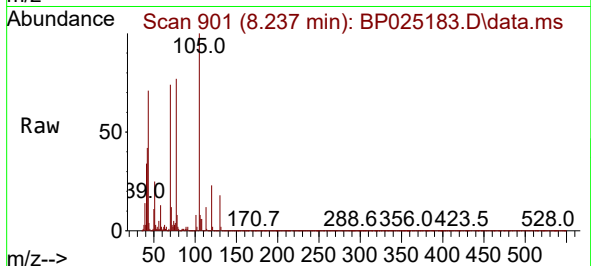


#19
n-Nitroso-di-n-propylamine
Concen: 41.242 ng
RT: 8.237 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

Tgt Ion: 70 Resp: 902417

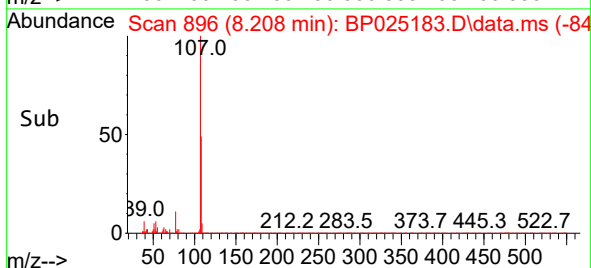
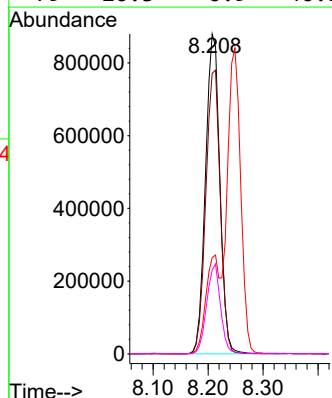
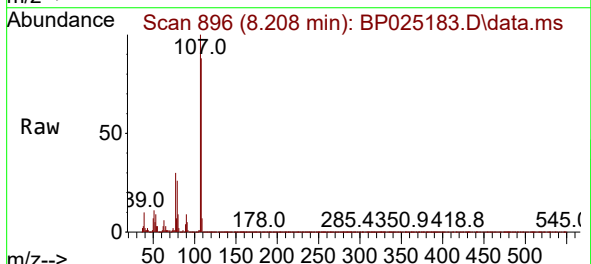
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.5	69.7
101	10.5	7.9	11.9
130	24.7	19.3	28.9

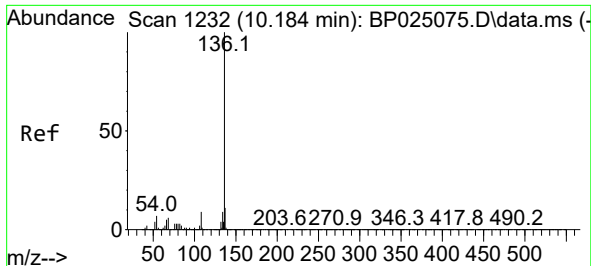


#20
3+4-Methylphenols
Concen: 47.176 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 107 Resp: 1595736

Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.5	109.5
77	30.2	11.4	51.4
79	26.3	6.9	46.9



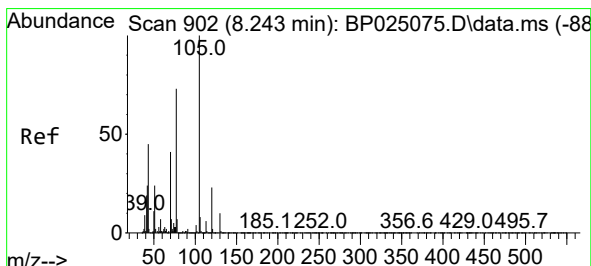
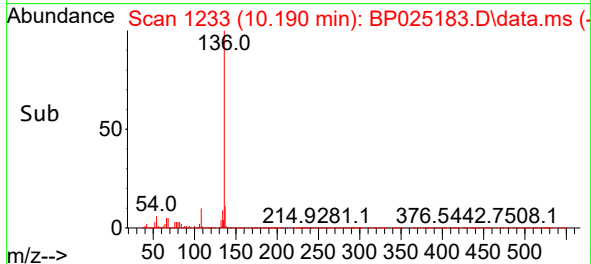
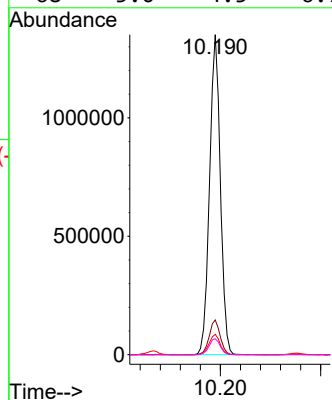
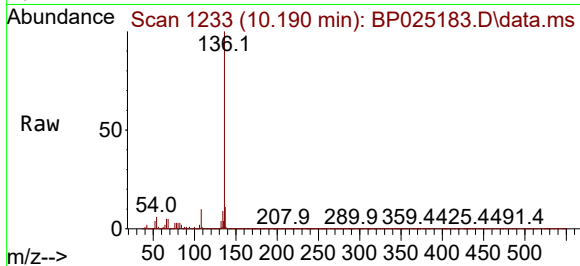


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

Tgt Ion:136 Resp: 2014578

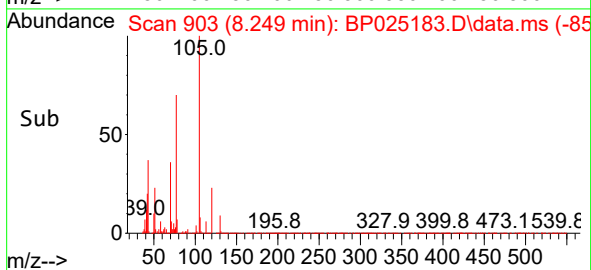
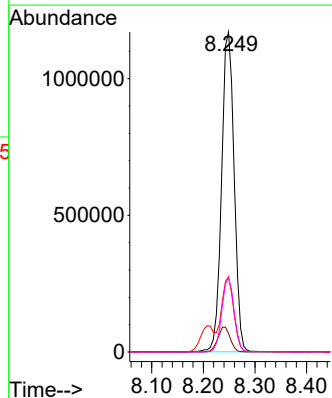
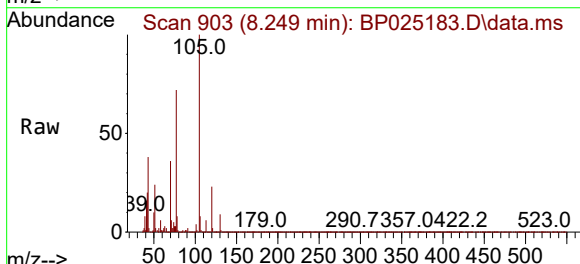
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.4	5.4	8.2
68	5.0	4.5	6.7

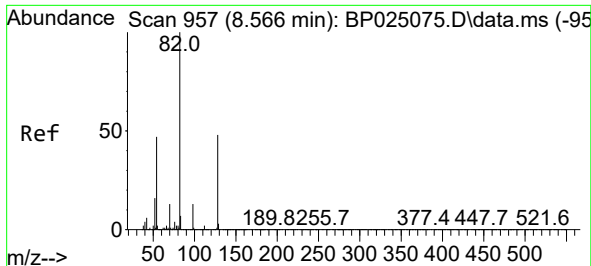


#22
Acetophenone
Concen: 41.444 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:105 Resp: 1974576

Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.4	8.2
51	23.5	19.6	29.4
120	23.2	18.8	28.2

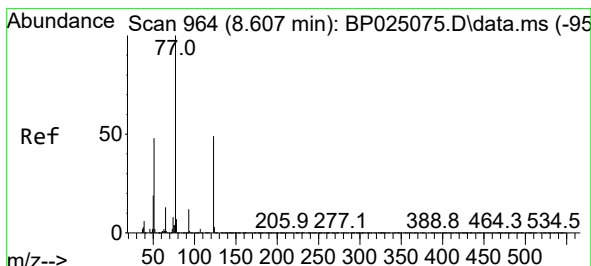
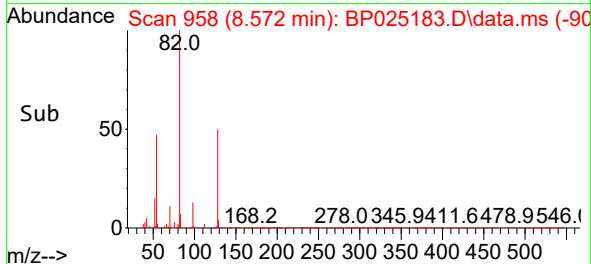
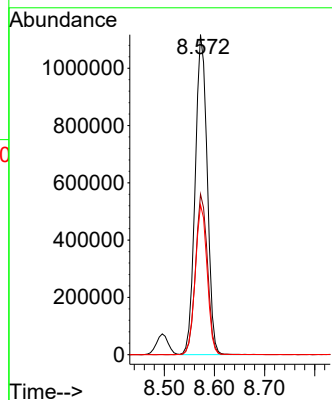
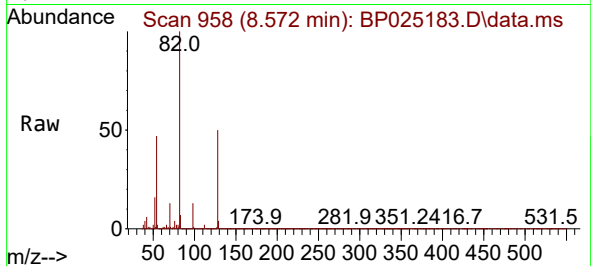




#23
Nitrobenzene-d5
Concen: 61.327 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

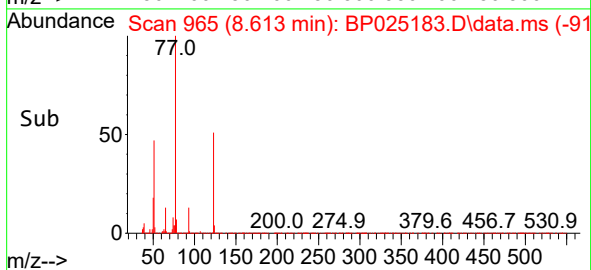
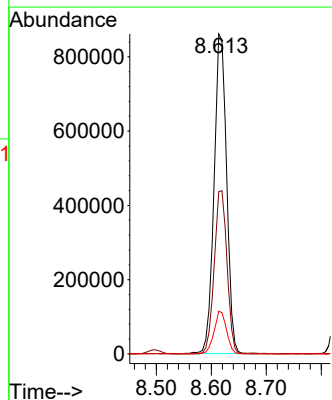
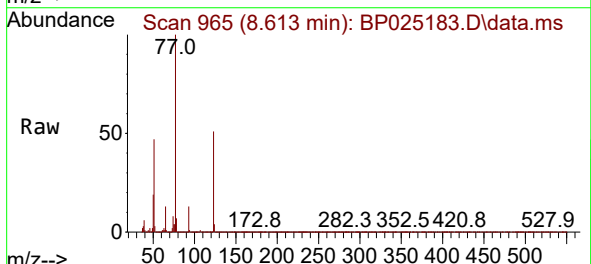
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

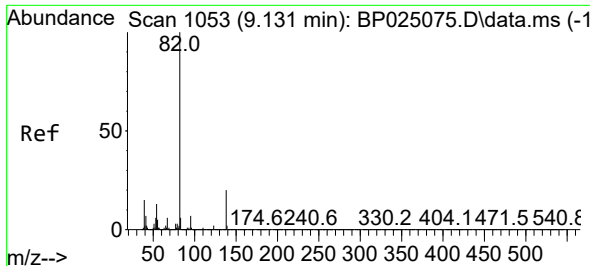
Tgt Ion: 82 Resp: 1857738
Ion Ratio Lower Upper
82 100
128 50.1 38.4 57.6
54 46.8 37.8 56.6



#24
Nitrobenzene
Concen: 44.343 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 77 Resp: 1368191
Ion Ratio Lower Upper
77 100
123 50.8 39.0 58.6
65 13.4 10.7 16.1

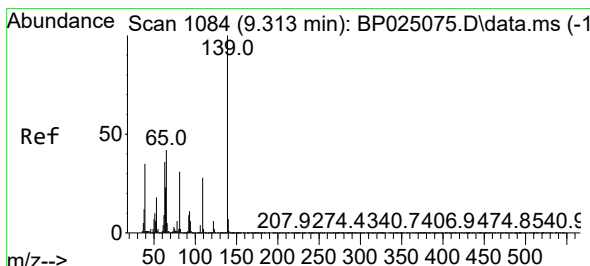
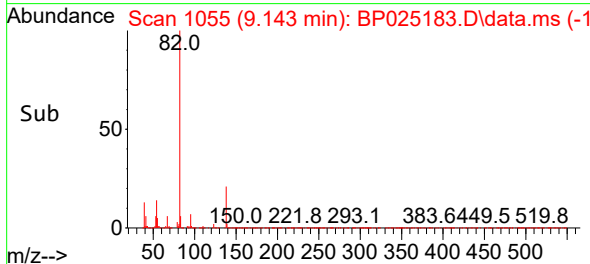
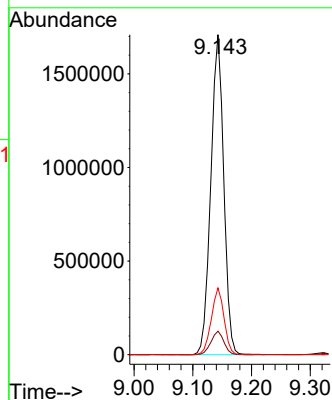
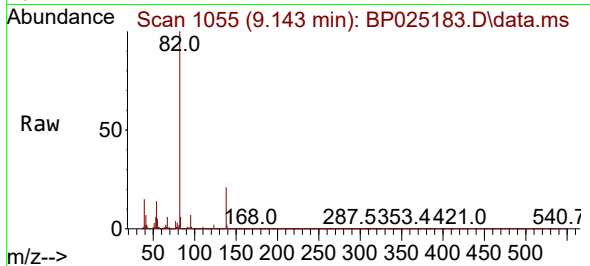




#25
Isophorone
Concen: 45.969 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

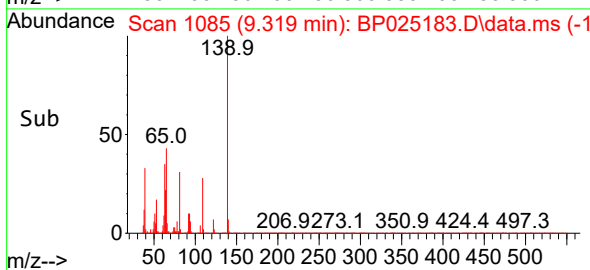
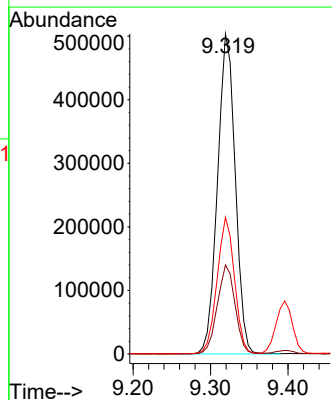
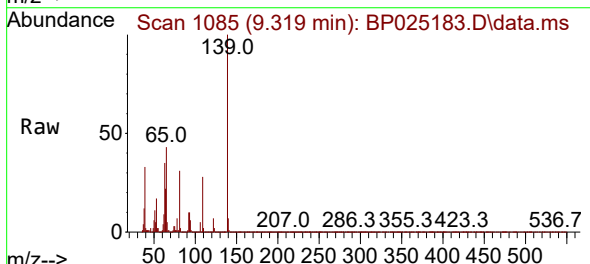
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

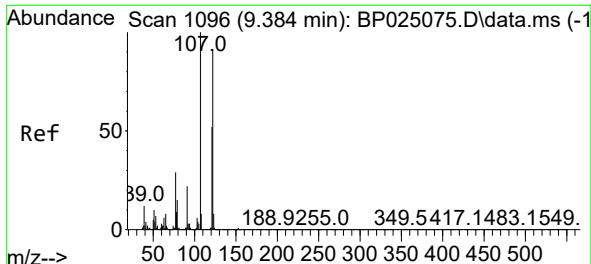
Tgt Ion: 82 Resp: 2602340
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 20.8 15.7 23.5



#26
2-Nitrophenol
Concen: 53.011 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 139 Resp: 799264
Ion Ratio Lower Upper
139 100
109 27.8 22.3 33.5
65 42.7 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 65.314 ng

RT: 9.396 min Scan# 1109

Delta R.T. 0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

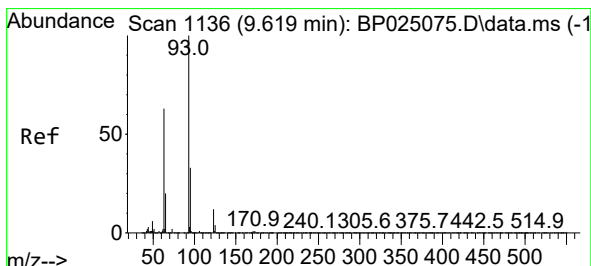
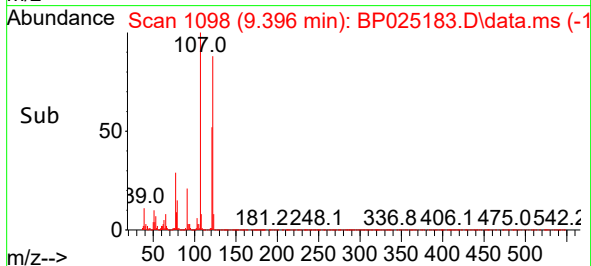
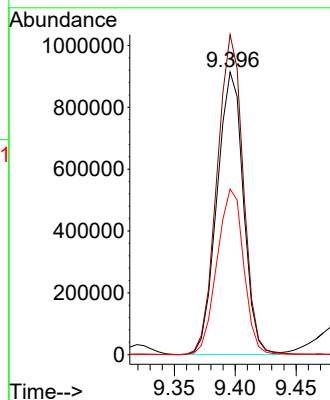
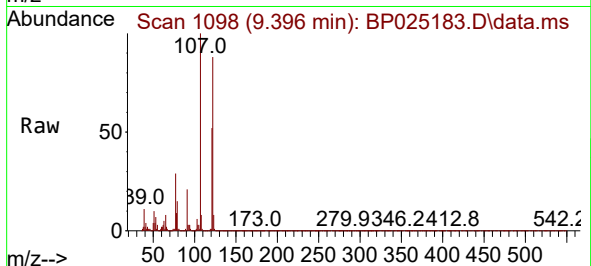
Tgt Ion:122 Resp: 1379247

Ion Ratio Lower Upper

122 100

107 113.2 88.2 132.2

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.763 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

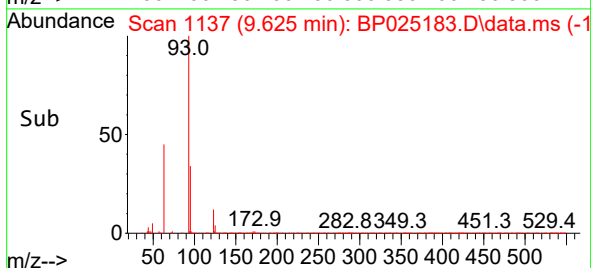
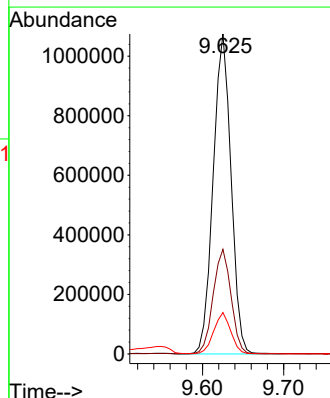
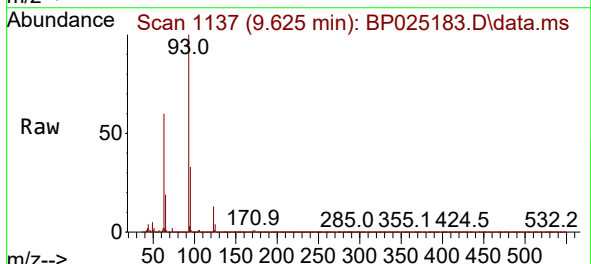
Tgt Ion: 93 Resp: 1643751

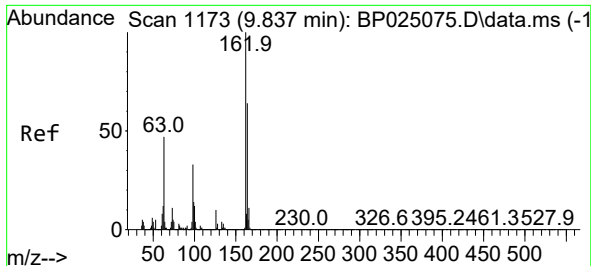
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.9 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 49.693 ng

RT: 9.849 min Scan# 1173

Delta R.T. 0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

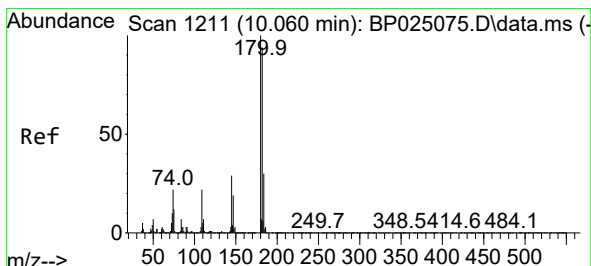
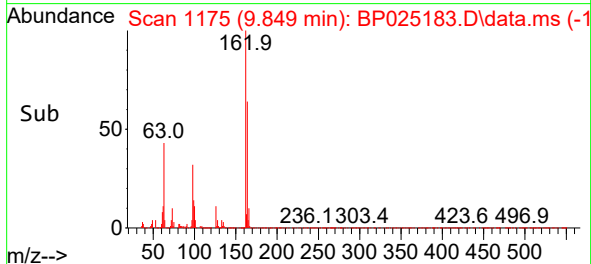
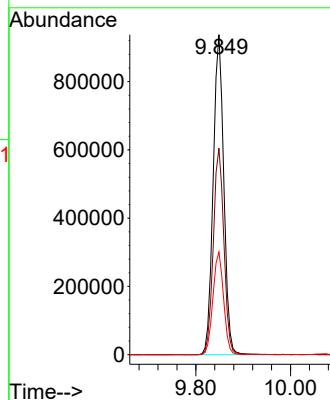
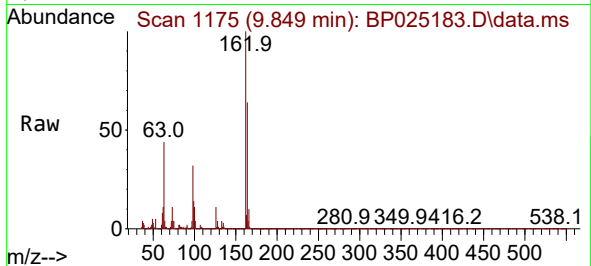
Tgt Ion:162 Resp: 1455086

Ion Ratio Lower Upper

162 100

164 64.5 44.1 84.1

98 32.1 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 45.393 ng

RT: 10.066 min Scan# 1212

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

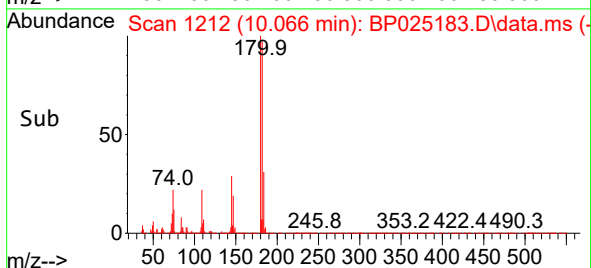
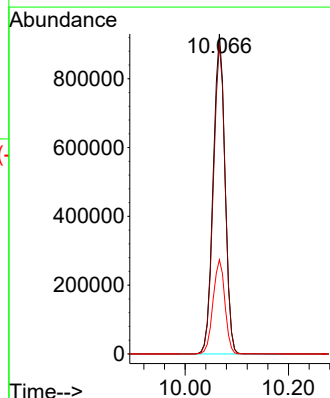
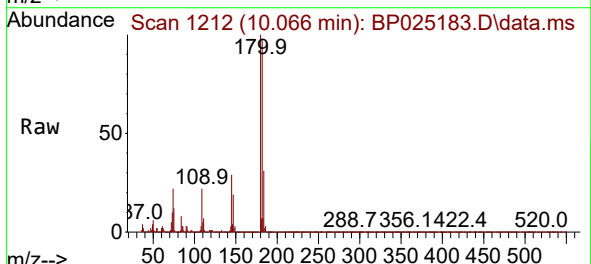
Tgt Ion:180 Resp: 1471936

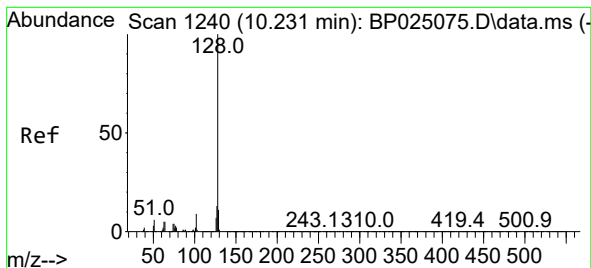
Ion Ratio Lower Upper

180 100

182 97.0 75.1 112.7

145 29.4 23.3 34.9

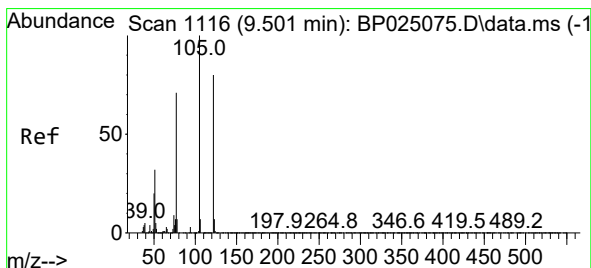
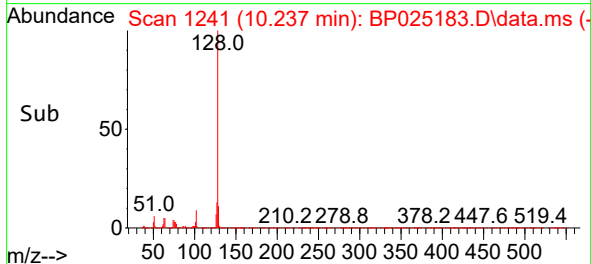
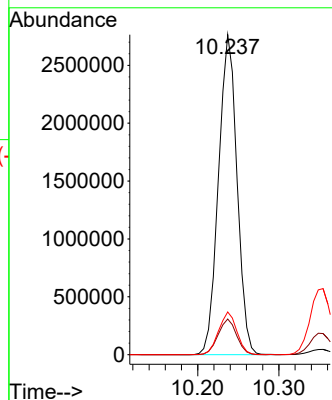
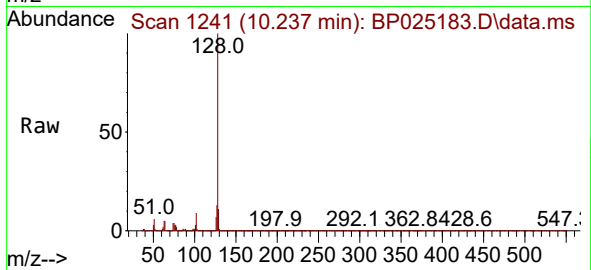




#31
Naphthalene
Concen: 42.325 ng
RT: 10.237 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

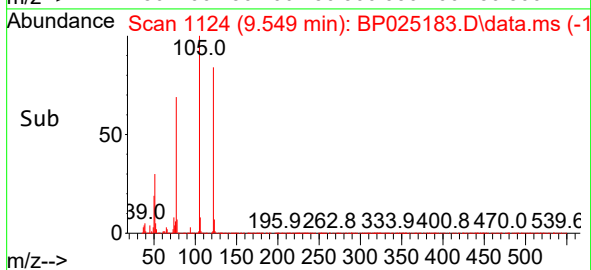
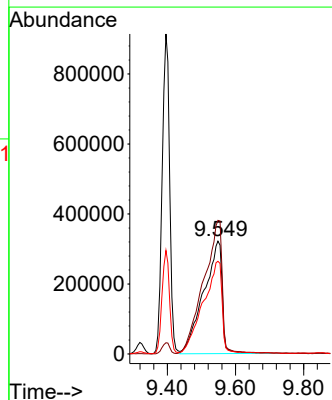
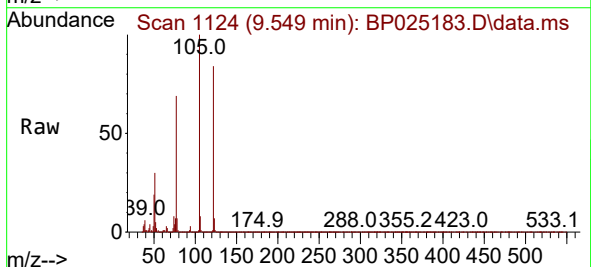
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

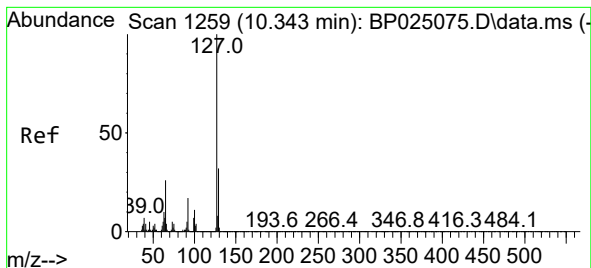
Tgt Ion:128 Resp: 4390528
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 56.437 ng
RT: 9.549 min Scan# 1124
Delta R.T. 0.048 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:122 Resp: 1217049
Ion Ratio Lower Upper
122 100
105 118.5 101.0 141.0
77 82.2 67.6 107.6



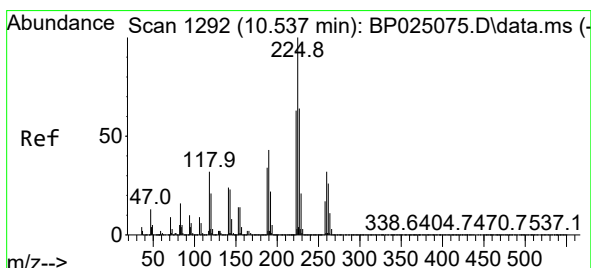
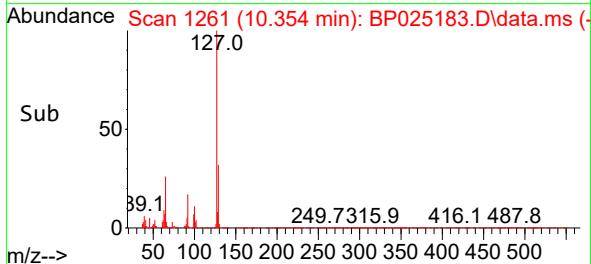
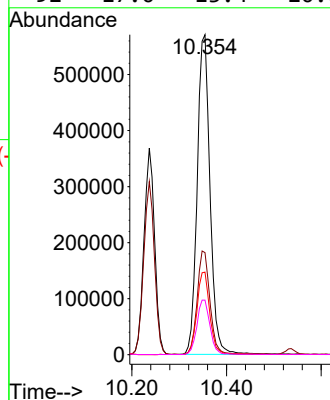
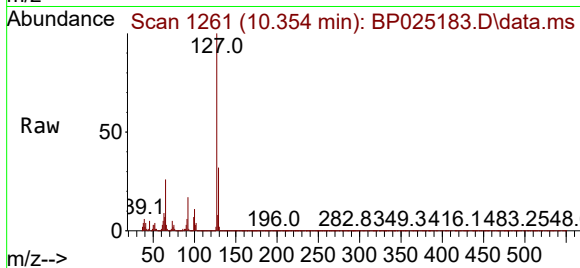


#33
4-Chloroaniline
Concen: 27.711 ng
RT: 10.354 min Scan# 1261
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

Tgt Ion:127 Resp: 1072783

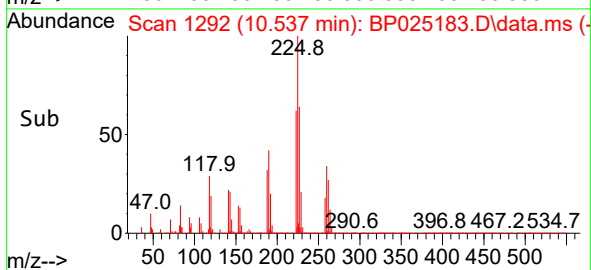
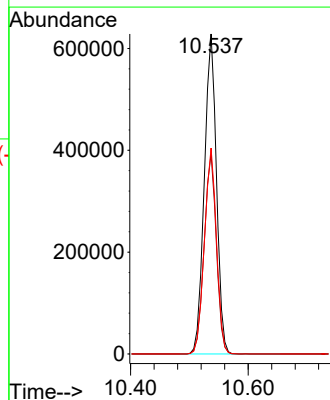
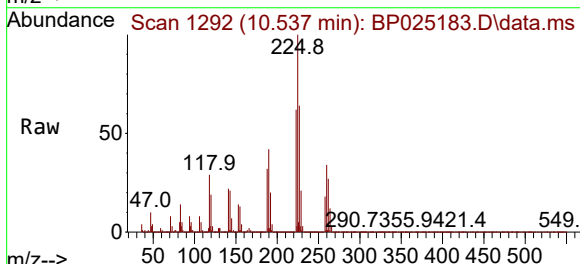
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	25.8	21.0	31.6
92	17.0	13.4	20.0

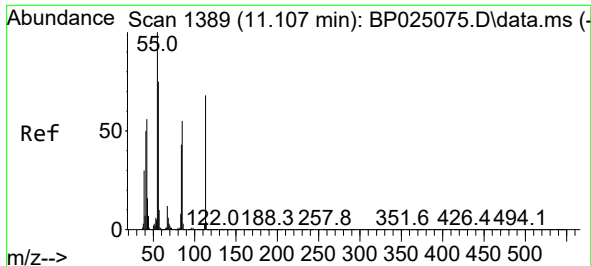


#34
Hexachlorobutadiene
Concen: 48.471 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:225 Resp: 901958

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	64.3	51.3	76.9

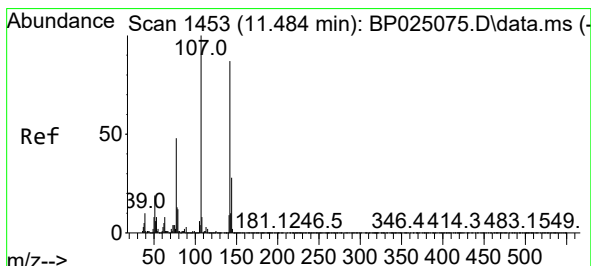
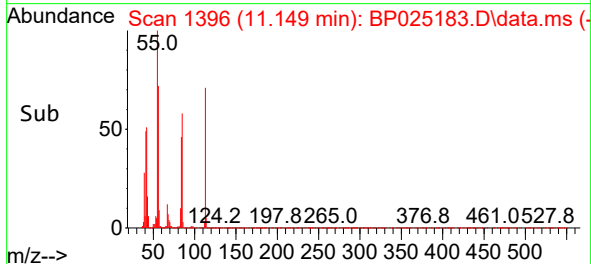
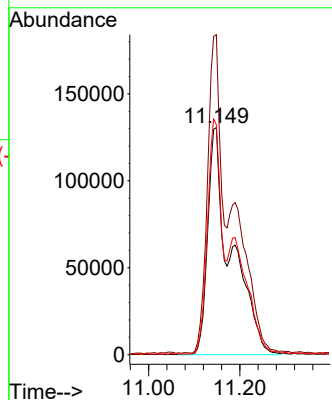
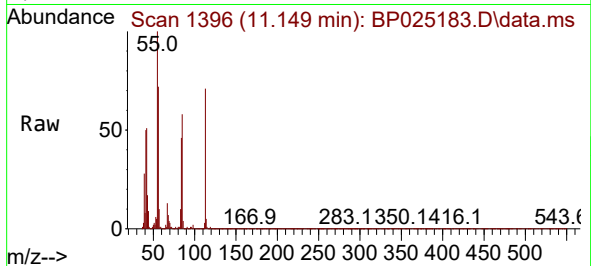




#35
 Caprolactam
 Concen: 46.390 ng m
 RT: 11.149 min Scan# 11
 Delta R.T. 0.041 min
 Lab File: BP025183.D
 Acq: 17 Jul 2025 18:26

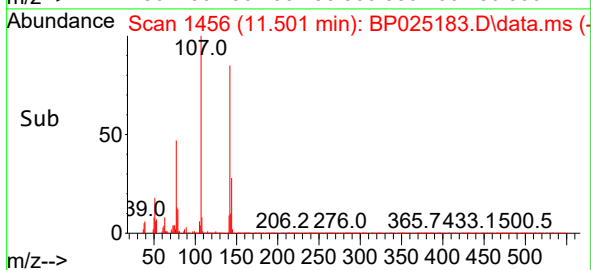
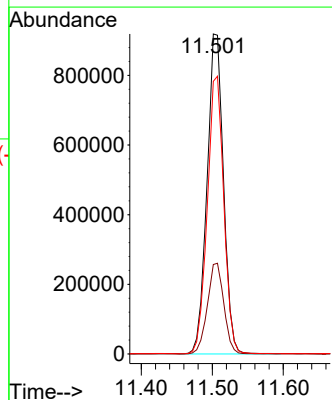
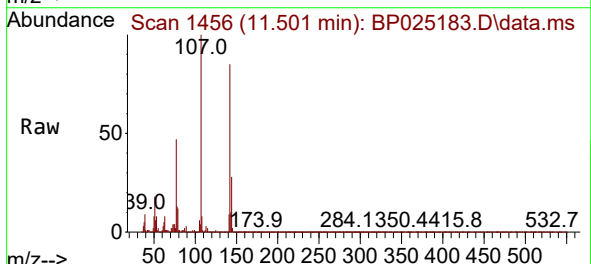
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-071525MS

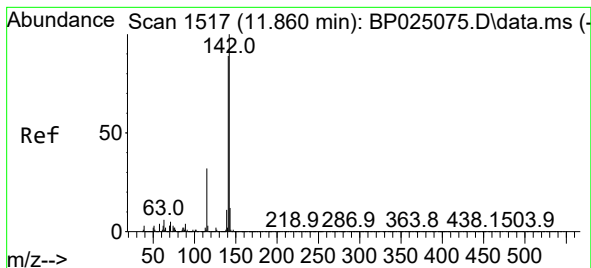
Tgt Ion:113 Resp: 464695
 Ion Ratio Lower Upper
 113 100
 55 141.0 128.1 168.1
 56 101.3 90.7 130.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.415 ng
 RT: 11.501 min Scan# 1456
 Delta R.T. 0.018 min
 Lab File: BP025183.D
 Acq: 17 Jul 2025 18:26

Tgt Ion:107 Resp: 1481476
 Ion Ratio Lower Upper
 107 100
 144 28.0 22.4 33.6
 142 85.2 69.6 104.4

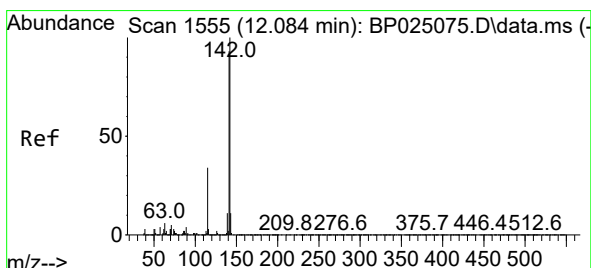
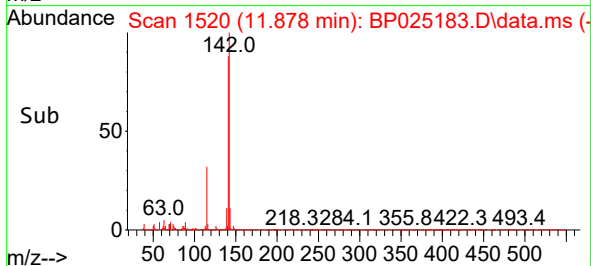
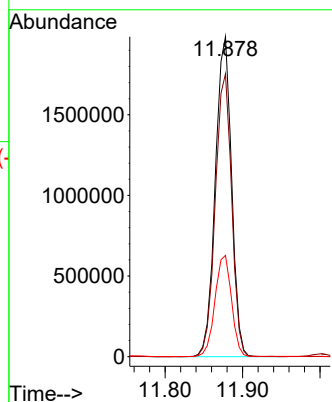
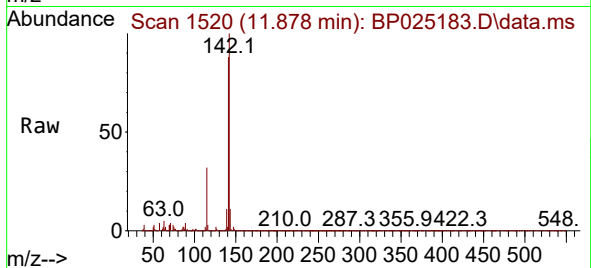




#37
2-Methylnaphthalene
Concen: 39.458 ng
RT: 11.878 min Scan# 1520
Delta R.T. 0.018 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

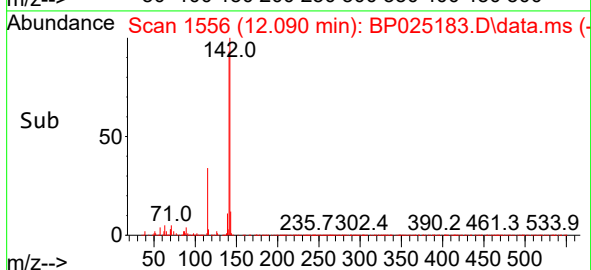
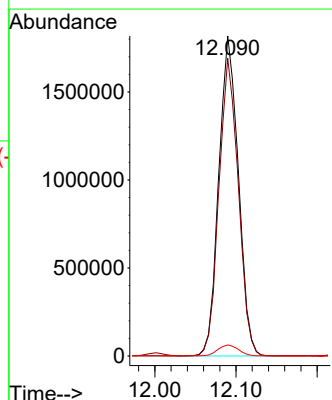
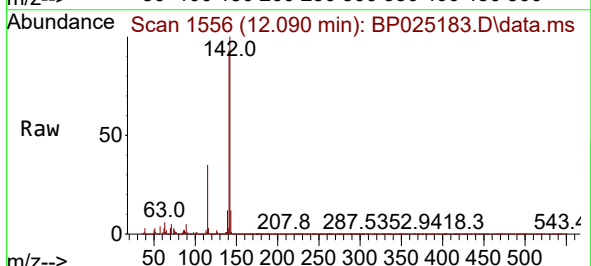
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

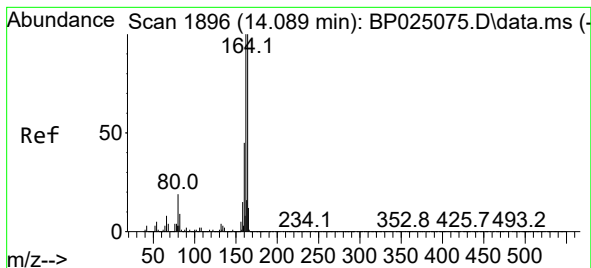
Tgt Ion:142 Resp: 2888050
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8
115 31.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 42.679 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:142 Resp: 3046534
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1
116 3.5 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.101 min Scan# 1896

Delta R.T. 0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

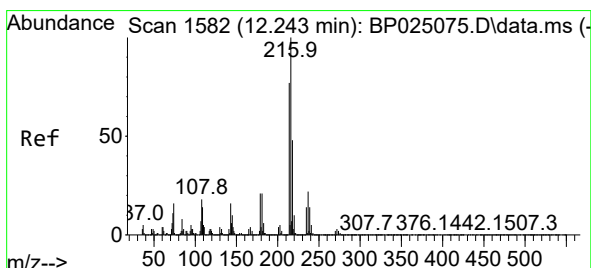
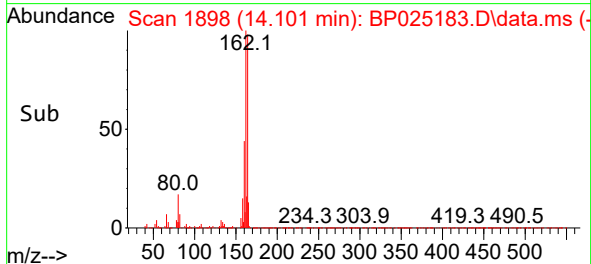
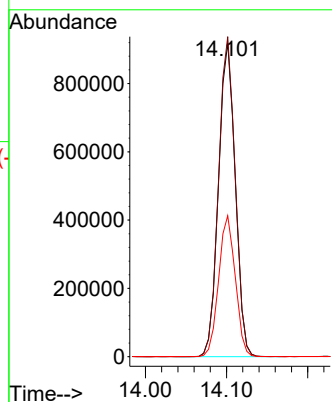
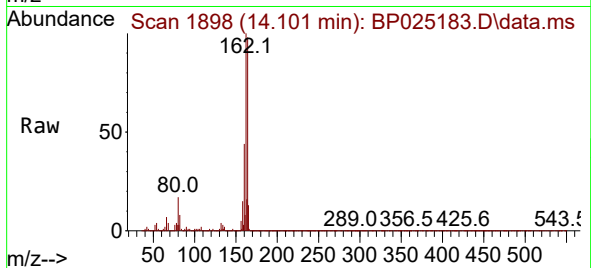
Tgt Ion:164 Resp: 1317787

Ion Ratio Lower Upper

164 100

162 102.0 80.3 120.5

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.250 ng

RT: 12.254 min Scan# 1584

Delta R.T. 0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Tgt Ion:216 Resp: 1713755

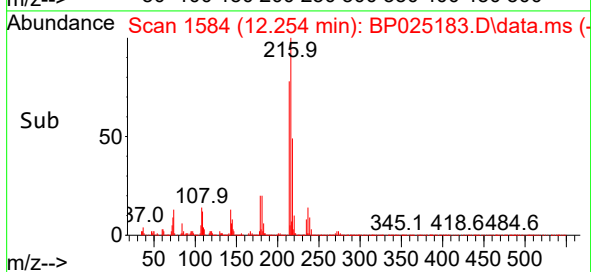
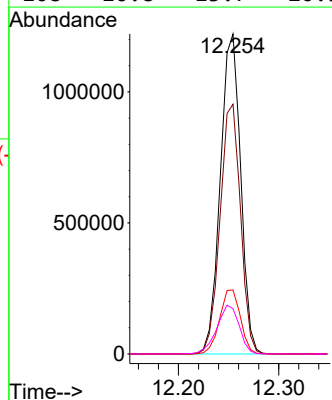
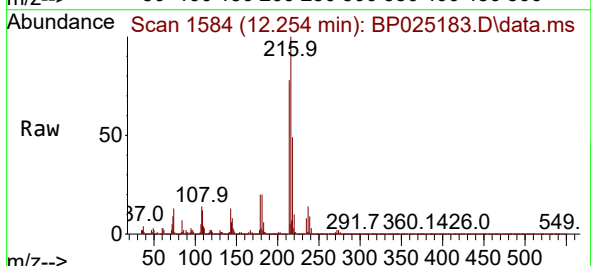
Ion Ratio Lower Upper

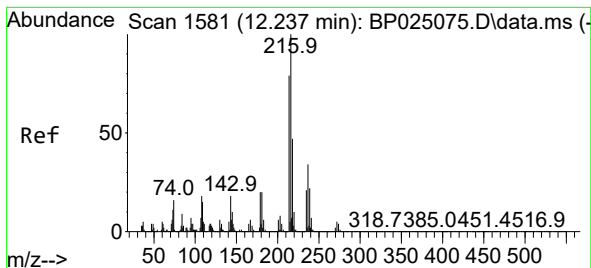
216 100

214 78.5 62.4 93.6

179 20.5 16.5 24.7

108 16.8 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 136.313 ng

RT: 12.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

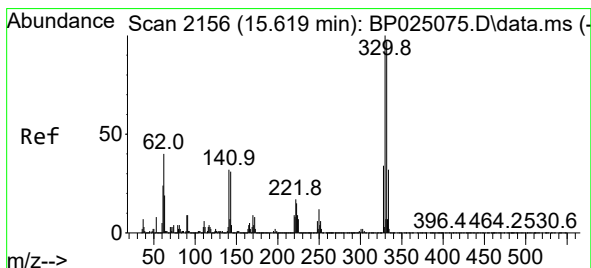
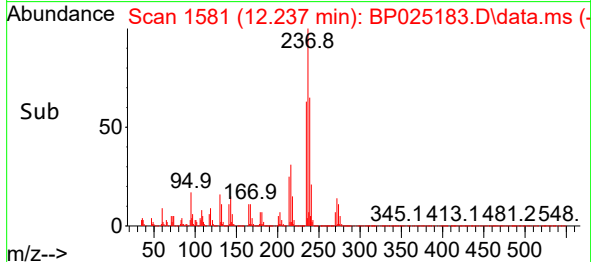
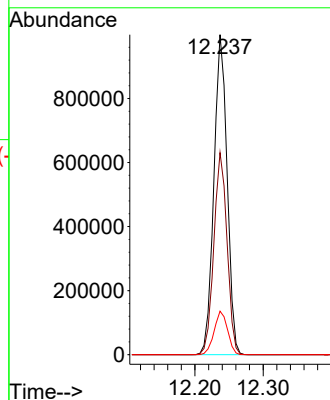
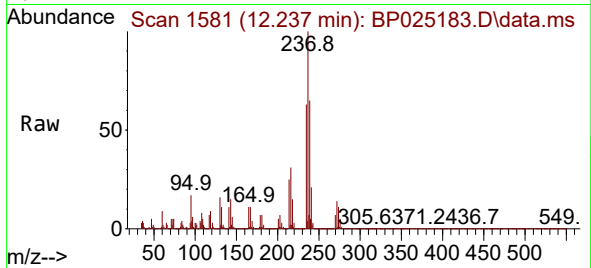
Tgt Ion:237 Resp: 1348485

Ion Ratio Lower Upper

237 100

235 63.1 41.6 81.6

272 13.6 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 112.849 ng

RT: 15.619 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

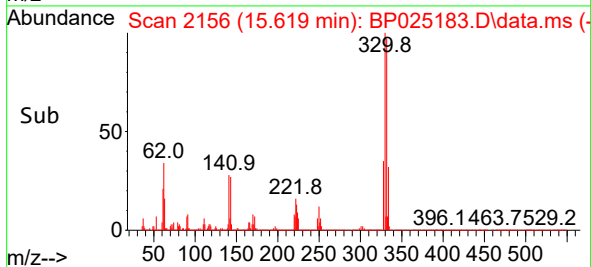
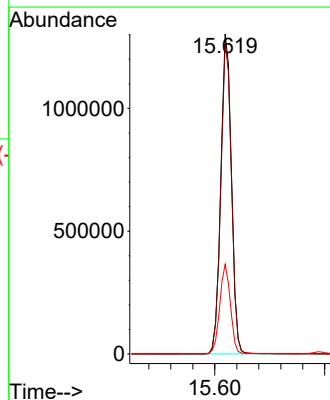
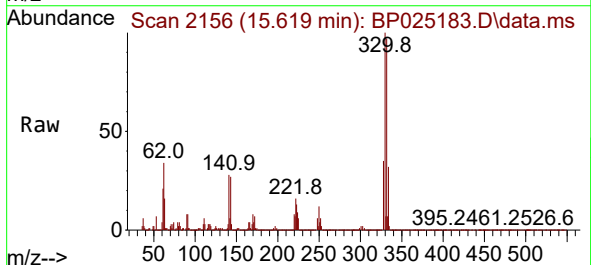
Tgt Ion:330 Resp: 1756781

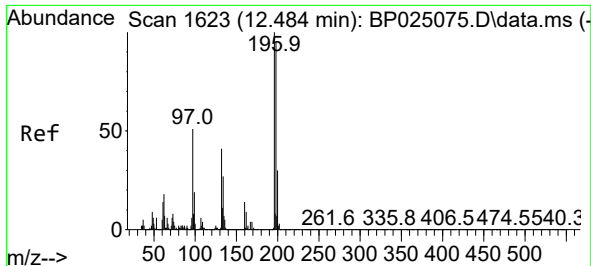
Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 27.8 26.0 39.0

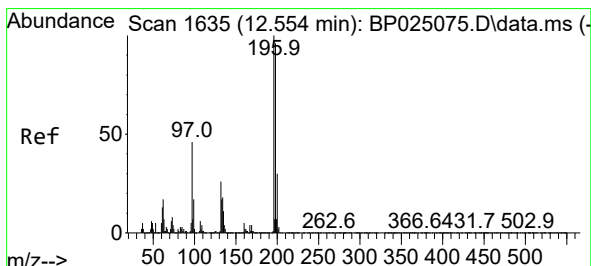
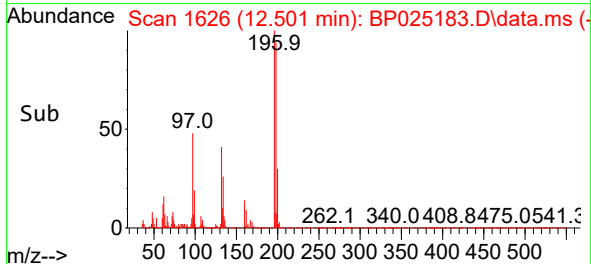
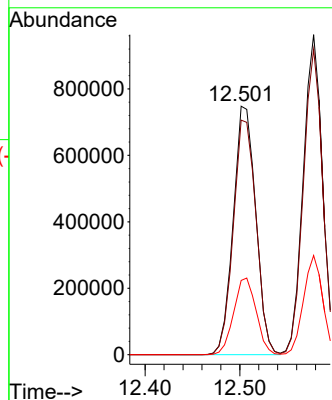
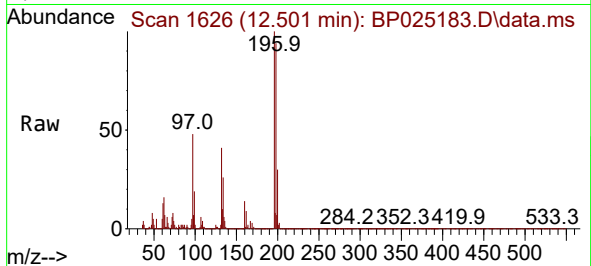




#43
2,4,6-Trichlorophenol
Concen: 53.883 ng
RT: 12.501 min Scan# 1626
Delta R.T. 0.018 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

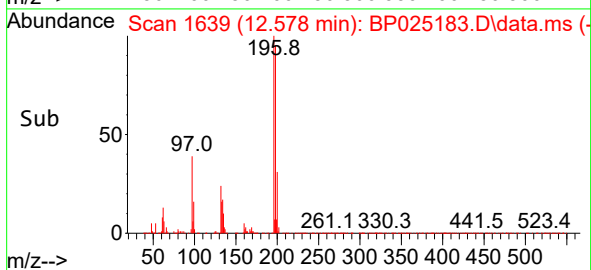
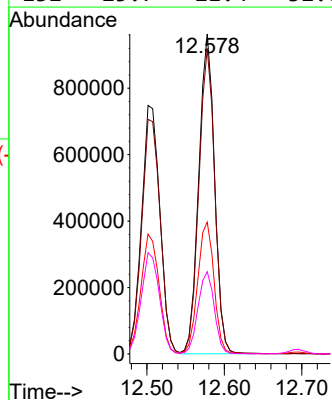
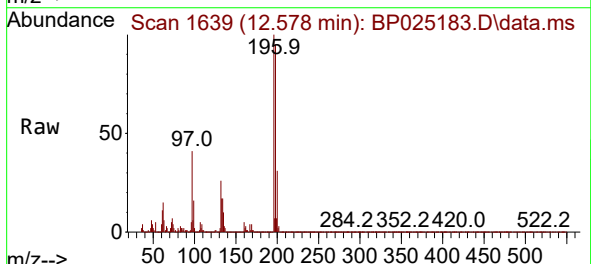
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

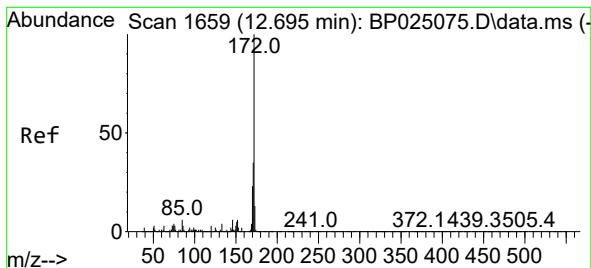
Tgt Ion:196 Resp: 1235680
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.2
200 29.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 52.433 ng
RT: 12.578 min Scan# 1639
Delta R.T. 0.024 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:196 Resp: 1362712
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
97 41.2 36.6 55.0
132 25.7 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 54.317 ng

RT: 12.696 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

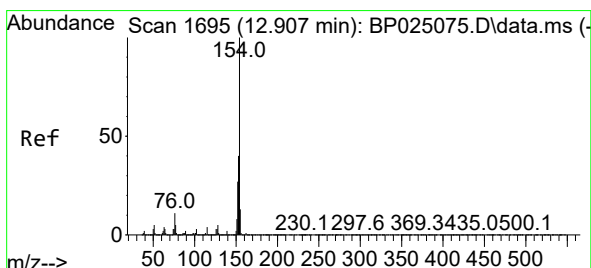
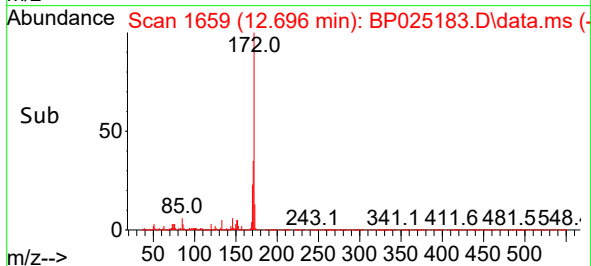
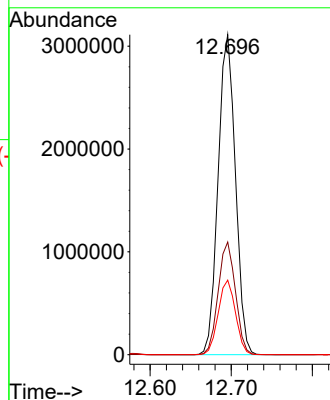
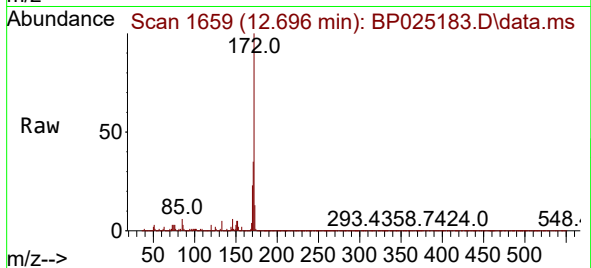
Tgt Ion:172 Resp: 4620424

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.349 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

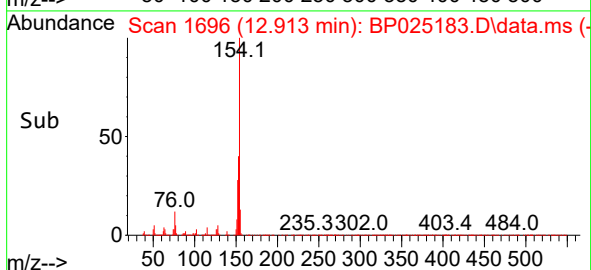
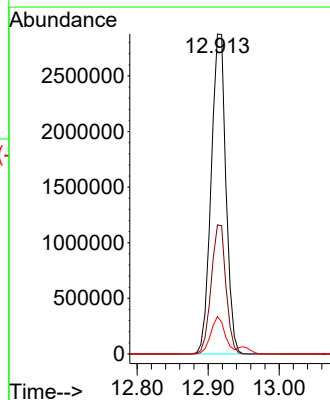
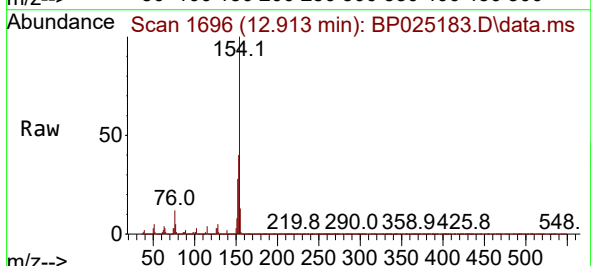
Tgt Ion:154 Resp: 4156347

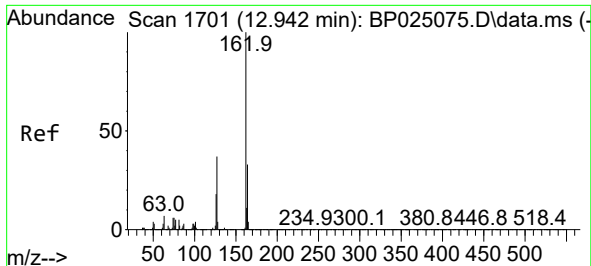
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 11.7 0.0 31.5

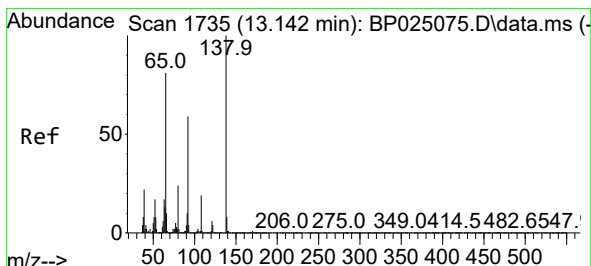
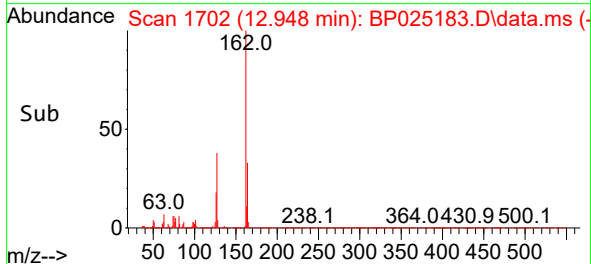
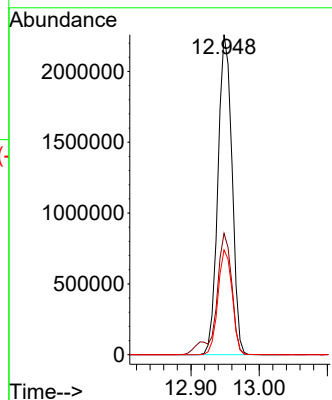
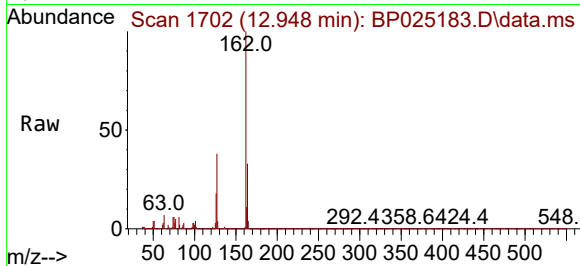




#47
2-Chloronaphthalene
Concen: 44.946 ng
RT: 12.948 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

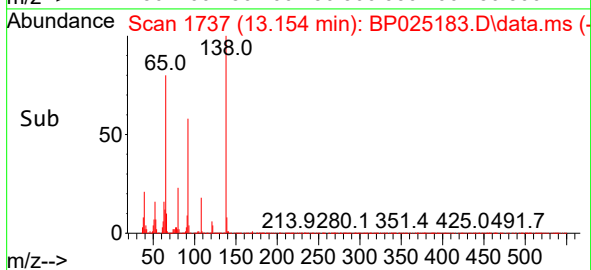
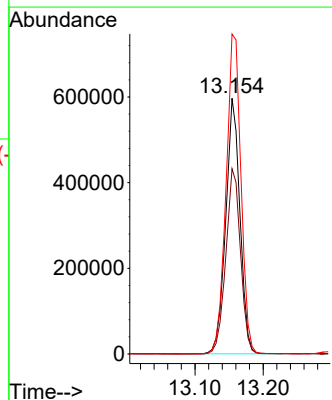
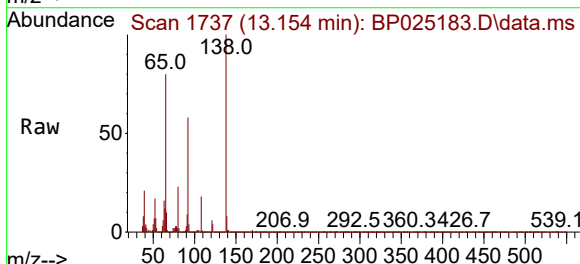
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

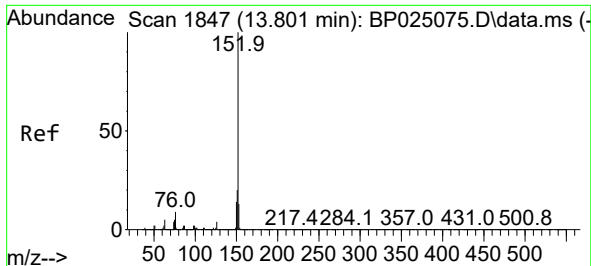
Tgt Ion:162 Resp: 3239002
Ion Ratio Lower Upper
162 100
127 37.9 29.4 44.2
164 32.8 26.4 39.6



#48
2-Nitroaniline
Concen: 49.074 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 65 Resp: 867472
Ion Ratio Lower Upper
65 100
92 72.5 58.7 88.1
138 125.2 99.0 148.4

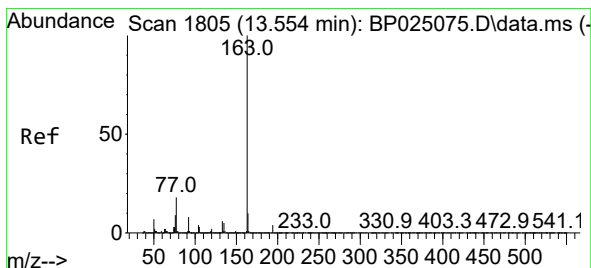
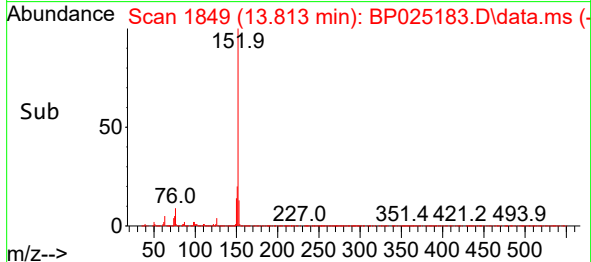
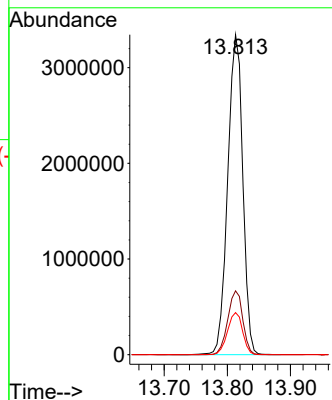
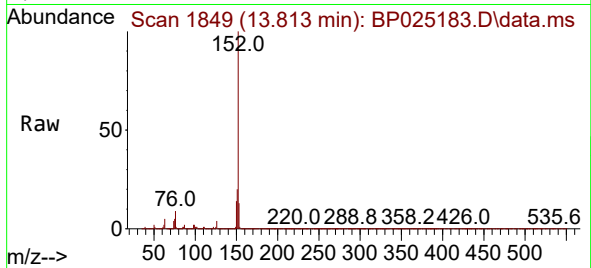




#49
Acenaphthylene
Concen: 50.136 ng
RT: 13.813 min Scan# 1849
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

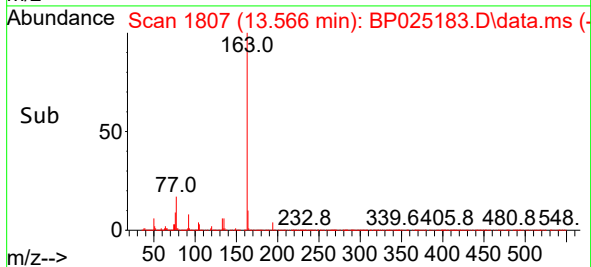
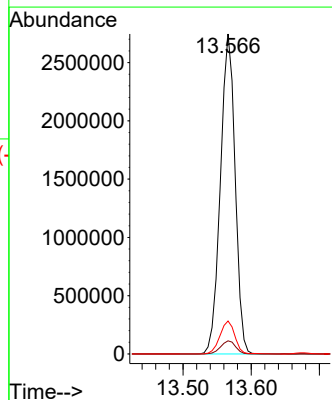
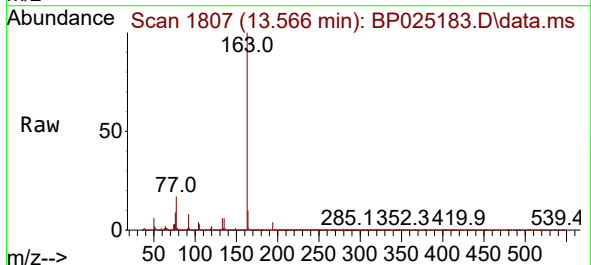
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

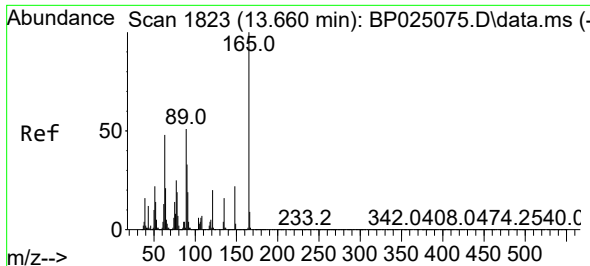
Tgt Ion:152 Resp: 5529829
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 44.714 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:163 Resp: 4124627
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.0 12.0

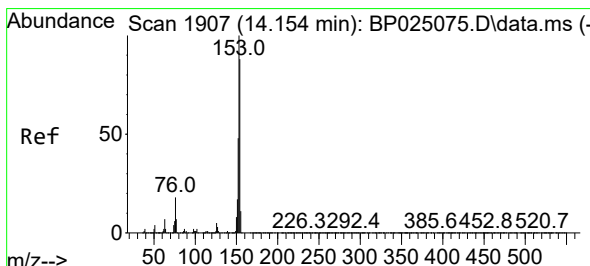
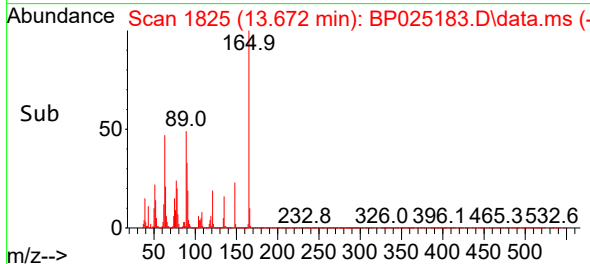
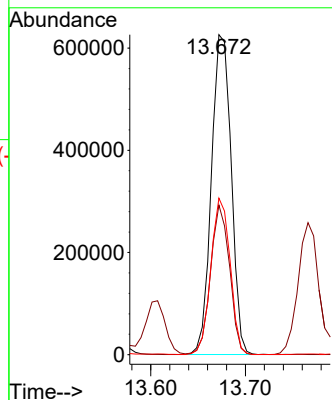
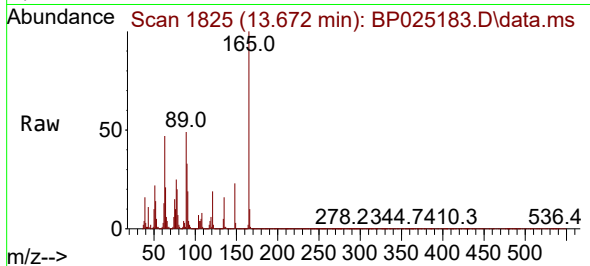




#51
2,6-Dinitrotoluene
Concen: 50.695 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

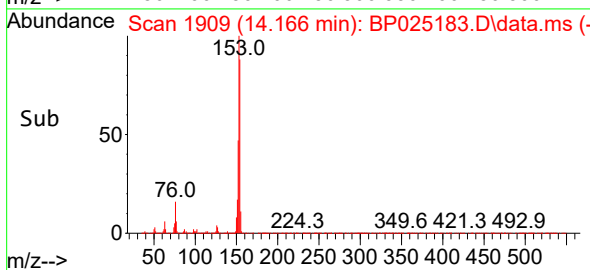
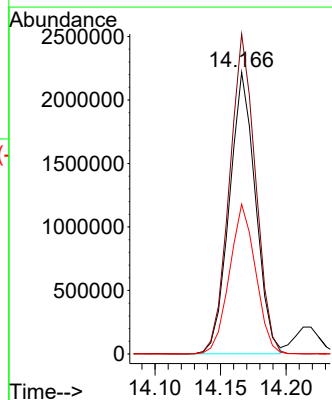
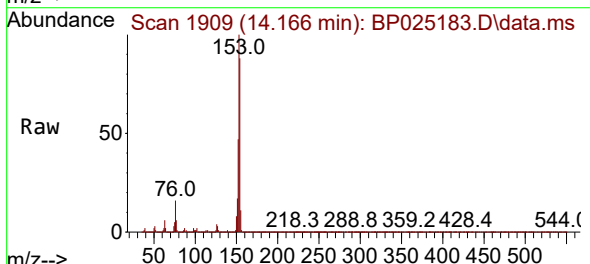
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

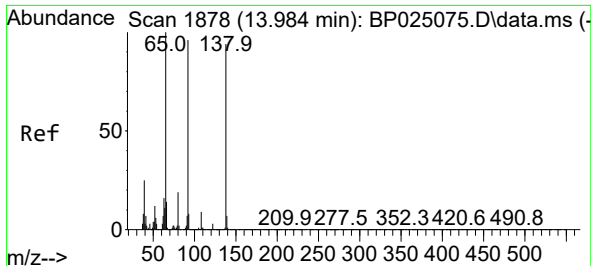
Tgt Ion:165 Resp: 912047
Ion Ratio Lower Upper
165 100
63 46.7 38.5 57.7
89 48.9 40.6 61.0



#52
Acenaphthene
Concen: 43.325 ng
RT: 14.166 min Scan# 1909
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:154 Resp: 3079976
Ion Ratio Lower Upper
154 100
153 113.5 90.6 136.0
152 53.1 43.8 65.8

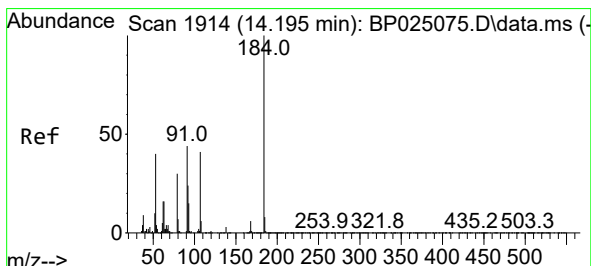
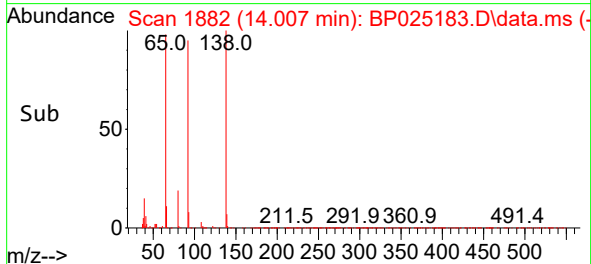
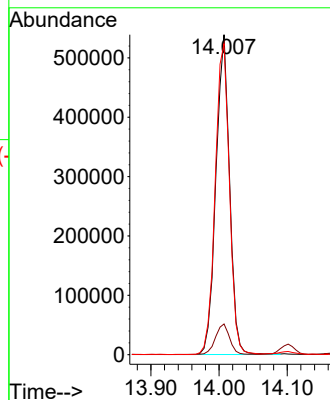
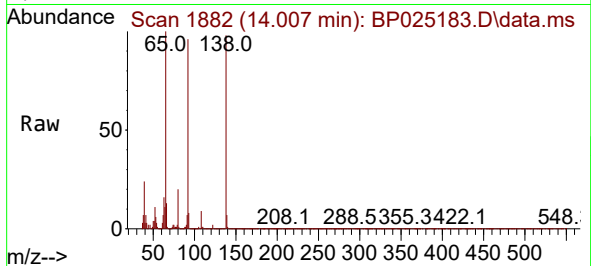




#53
3-Nitroaniline
Concen: 38.964 ng
RT: 14.007 min Scan# 1878
Delta R.T. 0.024 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

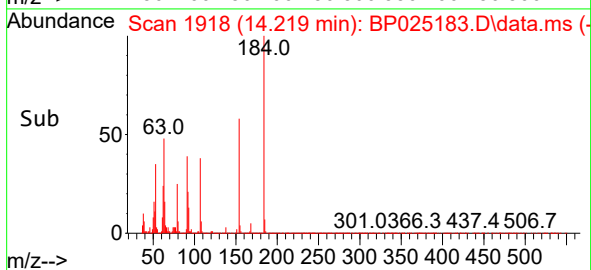
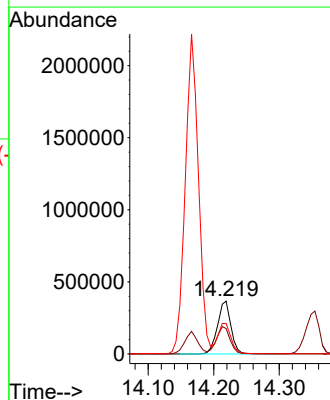
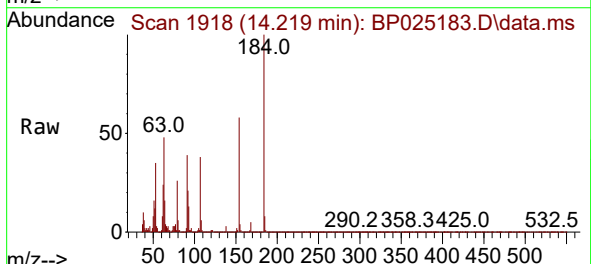
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

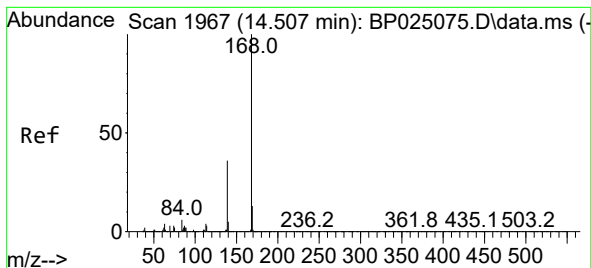
Tgt Ion:138 Resp: 751247
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 97.2 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 60.529 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:184 Resp: 519842
Ion Ratio Lower Upper
184 100
63 48.3 47.4 71.0
154 58.0 47.8 71.8





#55

Dibenzofuran

Concen: 42.799 ng

RT: 14.507 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

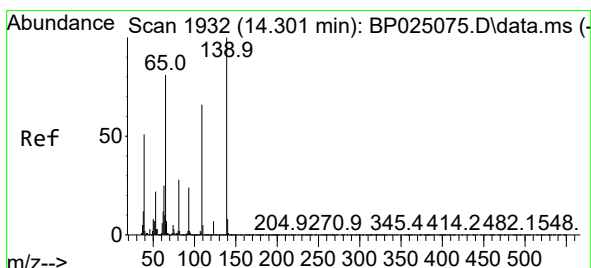
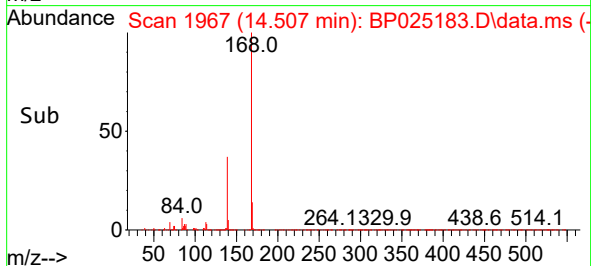
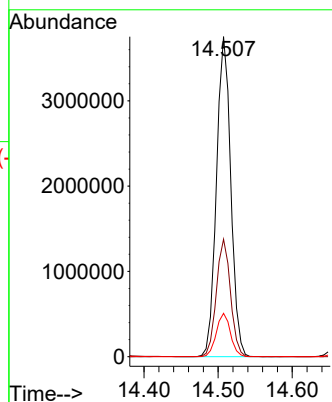
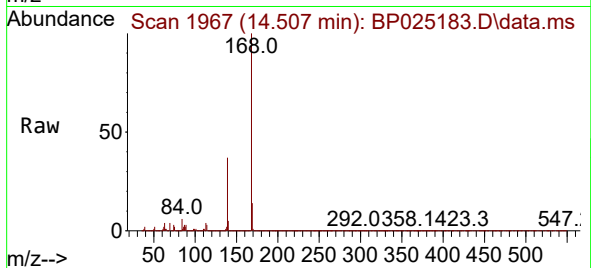
Tgt Ion:168 Resp: 5021269

Ion Ratio Lower Upper

168 100

139 36.7 28.6 43.0

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 100.832 ng

RT: 14.354 min Scan# 1941

Delta R.T. 0.053 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

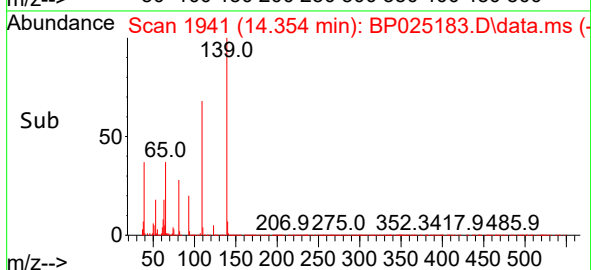
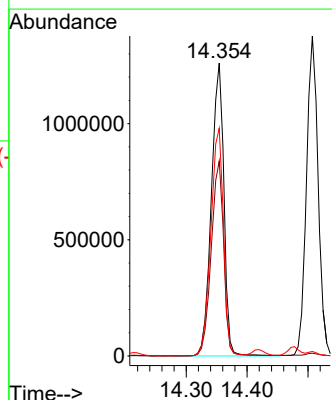
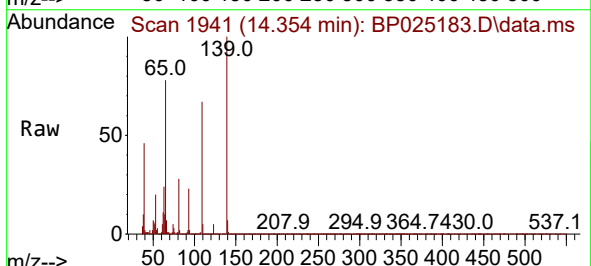
Tgt Ion:139 Resp: 1794058

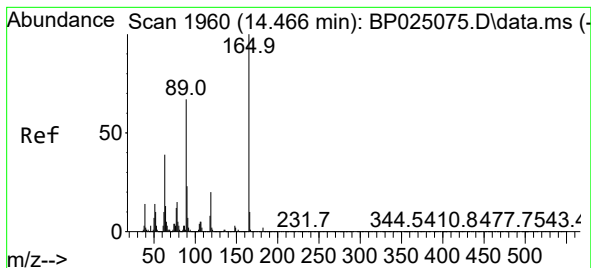
Ion Ratio Lower Upper

139 100

109 66.6 45.9 85.9

65 77.7 61.4 101.4

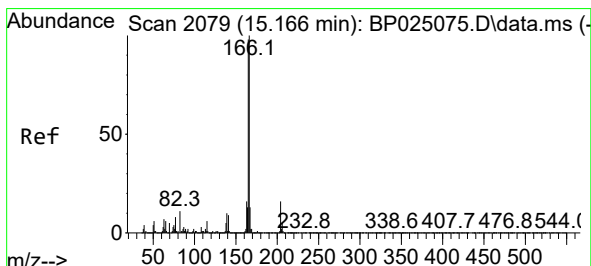
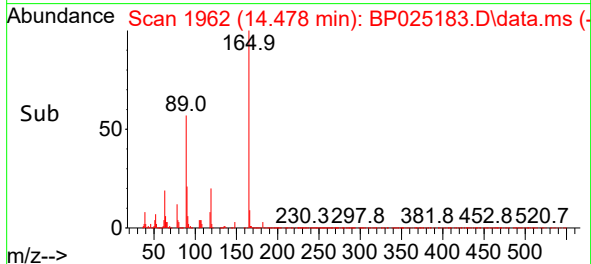
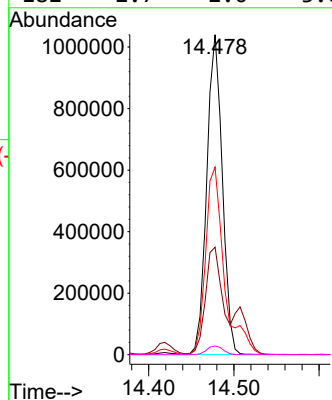
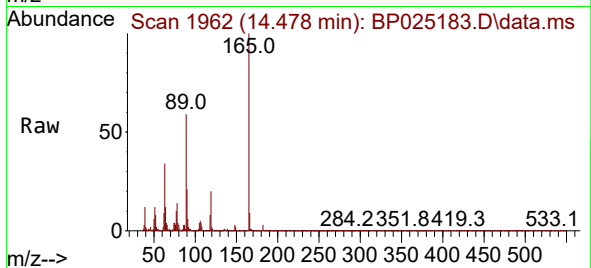




#57
2,4-Dinitrotoluene
Concen: 49.720 ng
RT: 14.478 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

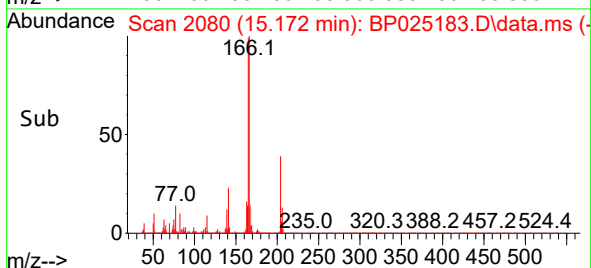
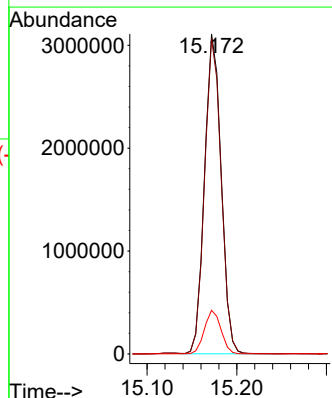
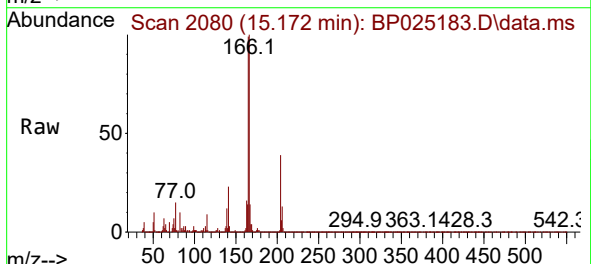
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

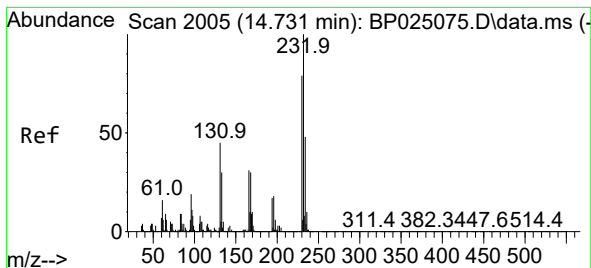
Tgt Ion:165 Resp: 1315419
Ion Ratio Lower Upper
165 100
63 33.6 31.0 46.4
89 58.6 53.4 80.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.167 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:166 Resp: 4007979
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.6 10.7 16.1

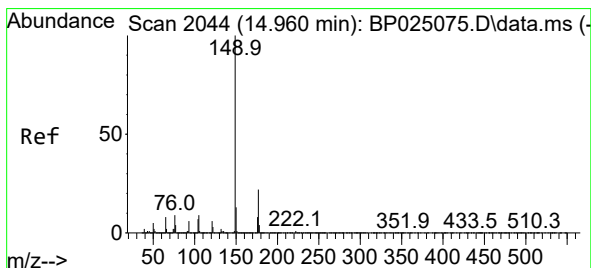
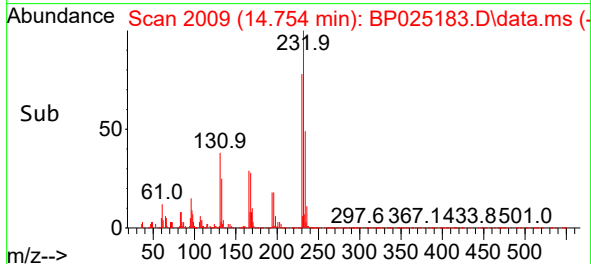
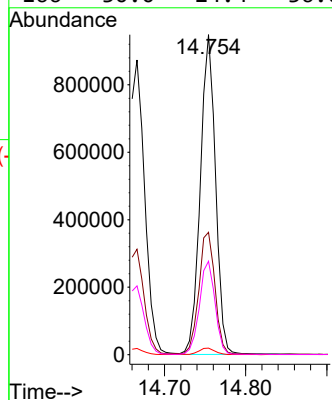
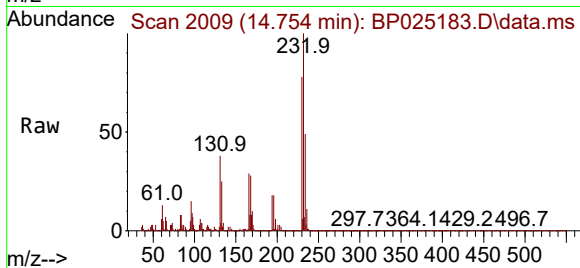




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.510 ng
RT: 14.754 min Scan# 2009
Delta R.T. 0.024 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

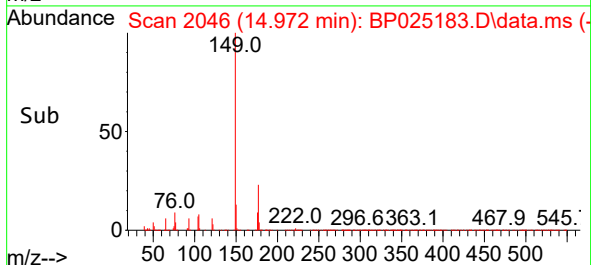
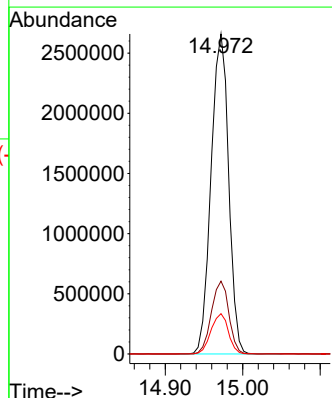
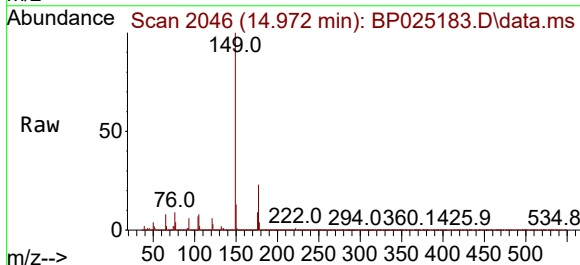
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

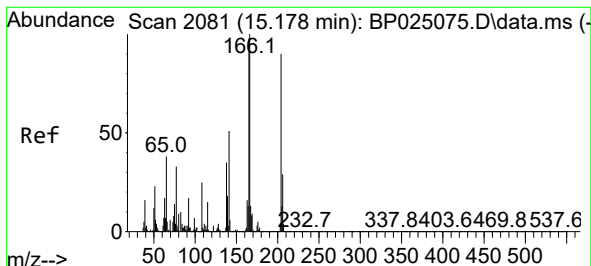
Tgt Ion:232 Resp: 1235830
Ion Ratio Lower Upper
232 100
131 40.5 35.7 53.5
130 2.2 1.8 2.6
166 30.0 24.4 36.6



#60
Diethylphthalate
Concen: 45.067 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:149 Resp: 4175423
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.6 10.2 15.2

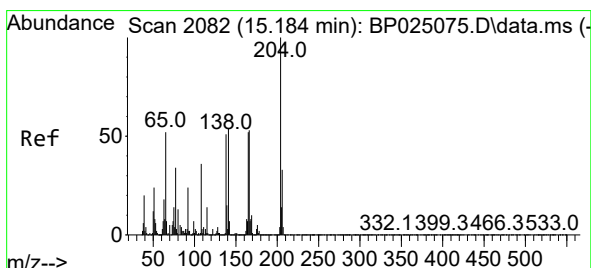
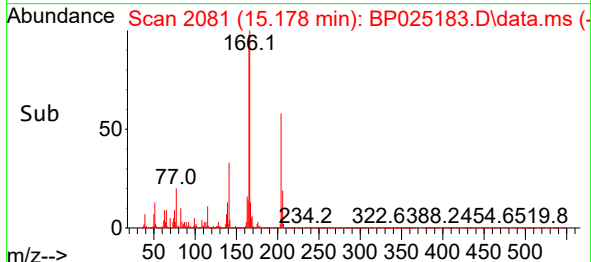
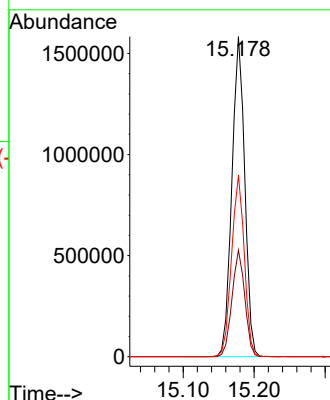
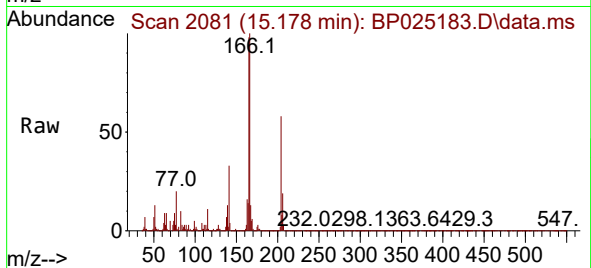




#61
4-Chlorophenyl-phenylether
Concen: 44.358 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

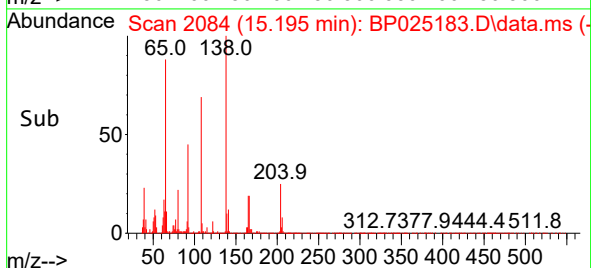
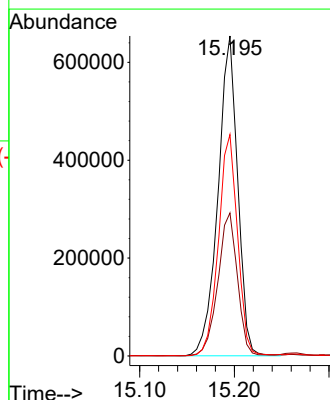
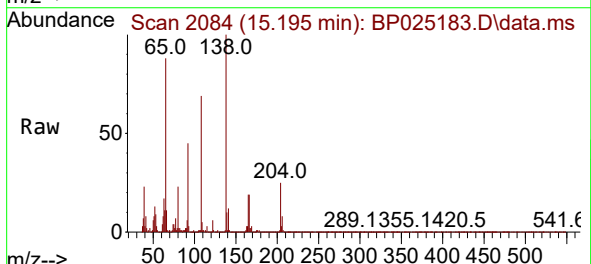
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

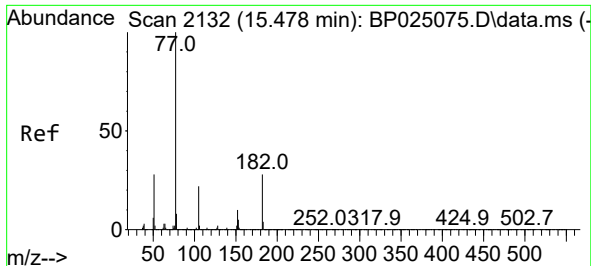
Tgt Ion:204 Resp: 1992065
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 56.7 45.1 67.7



#62
4-Nitroaniline
Concen: 46.790 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:138 Resp: 945947
Ion Ratio Lower Upper
138 100
92 44.7 26.0 66.0
108 69.2 50.0 90.0



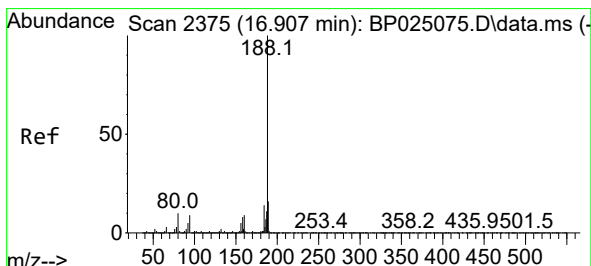
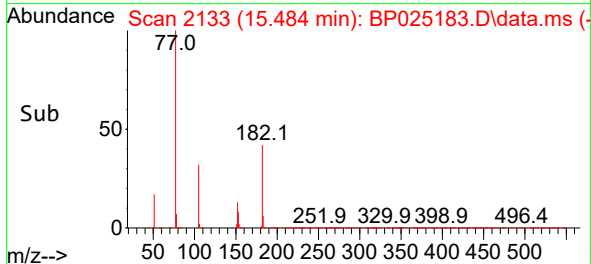
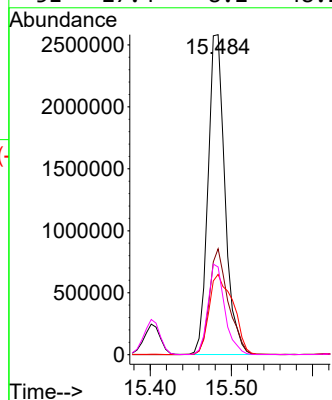
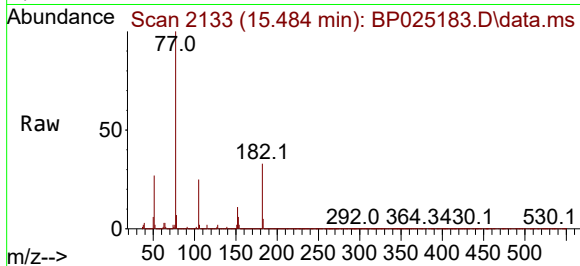


#63
Azobenzene
Concen: 45.191 ng
RT: 15.484 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

Tgt Ion: 77 Resp: 3728363

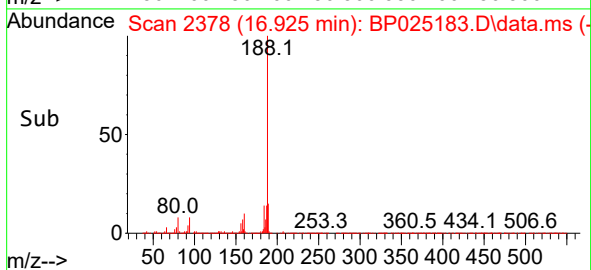
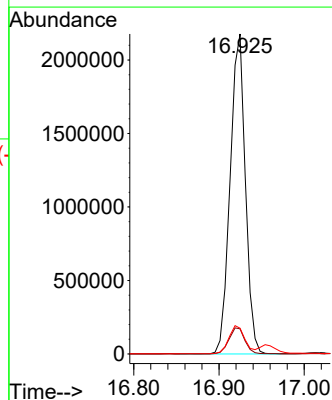
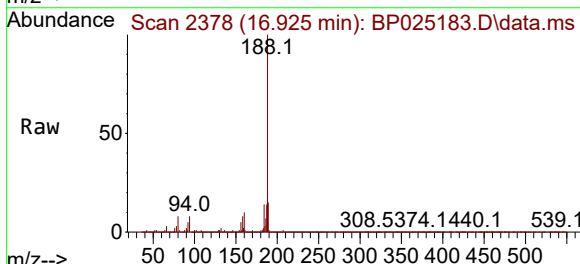
Ion	Ratio	Lower	Upper
77	100		
182	33.1	7.7	47.7
105	25.1	1.9	41.9
51	27.4	8.2	48.2

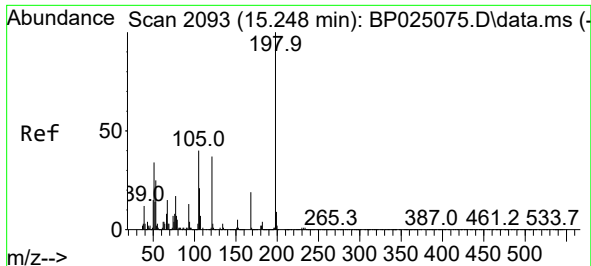


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion: 188 Resp: 2700642

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.3	10.9
80	8.0	7.8	11.6

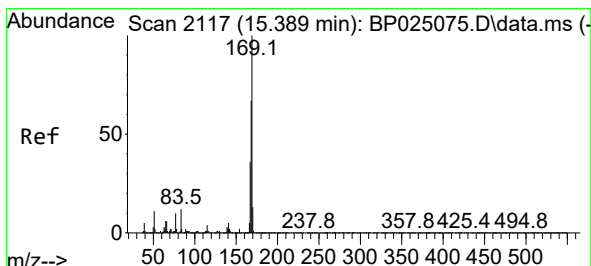
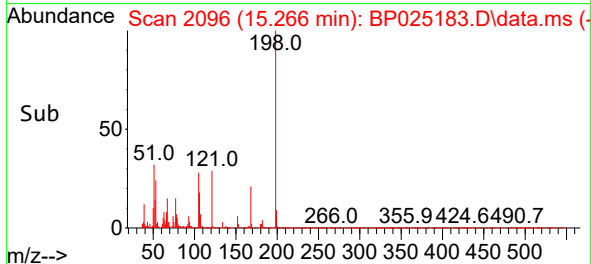
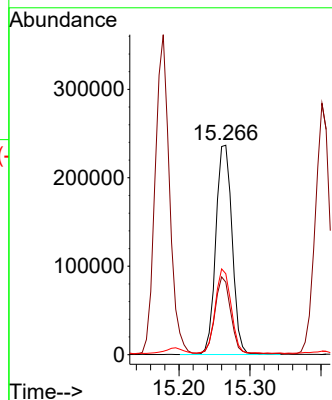
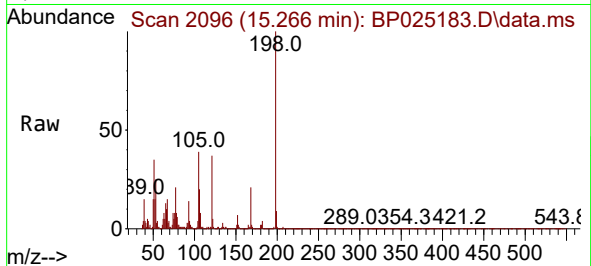




#65
4,6-Dinitro-2-methylphenol
Concen: 32.629 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.018 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

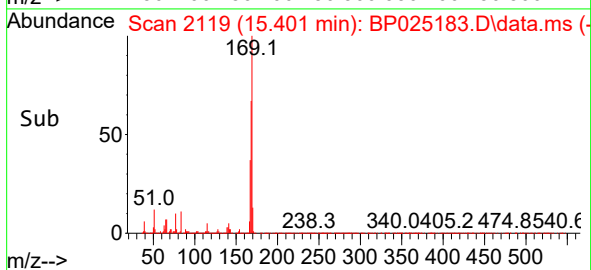
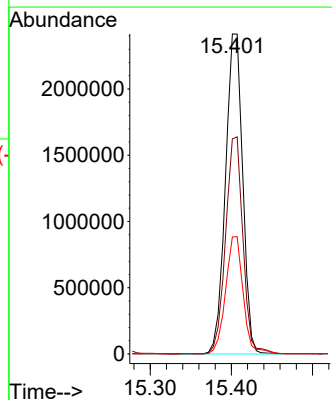
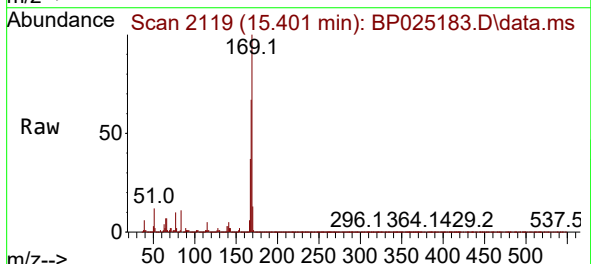
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

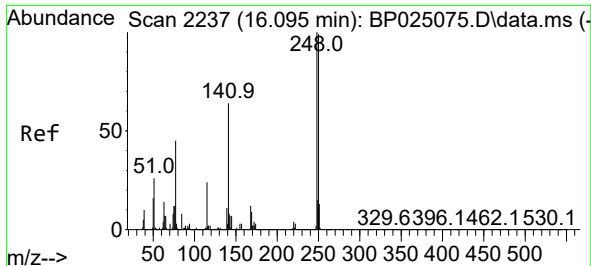
Tgt Ion:198 Resp: 376163
Ion Ratio Lower Upper
198 100
51 34.6 16.8 56.8
105 38.7 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 46.096 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:169 Resp: 3562713
Ion Ratio Lower Upper
169 100
168 67.2 54.1 81.1
167 36.5 29.0 43.6

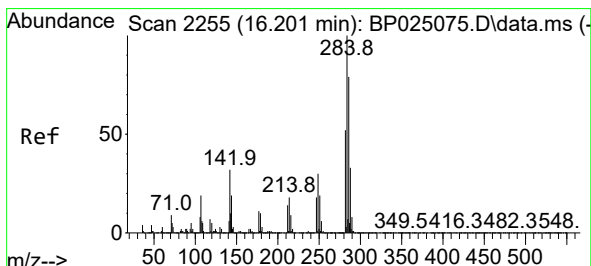
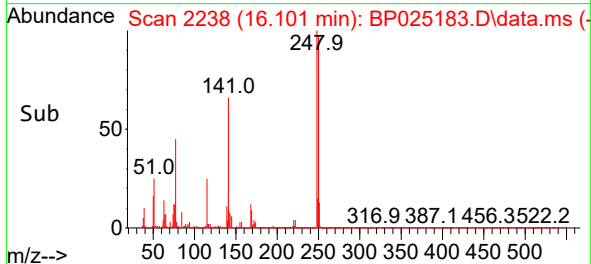
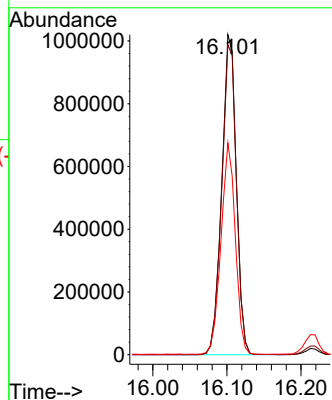
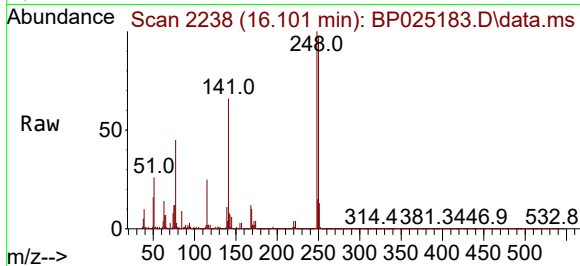




#67
4-Bromophenyl-phenylether
Concen: 50.348 ng
RT: 16.101 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

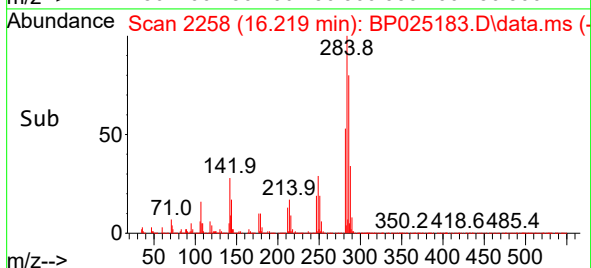
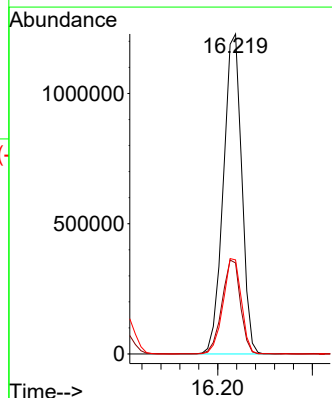
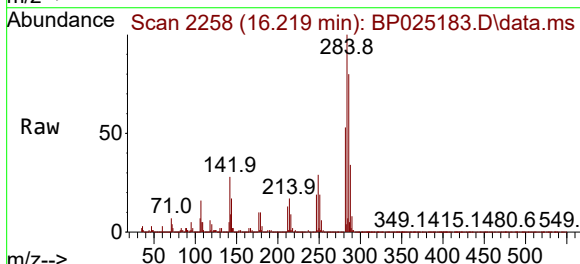
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

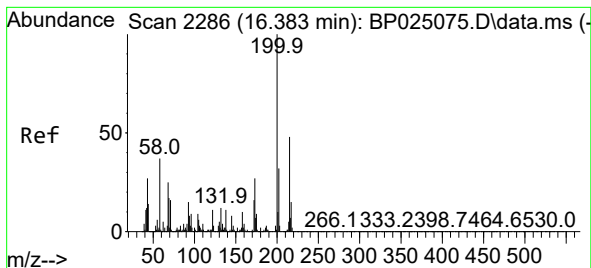
Tgt Ion:248 Resp: 1392197
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.2
141 66.1 51.4 77.0



#68
Hexachlorobenzene
Concen: 48.855 ng
RT: 16.219 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:284 Resp: 1651191
Ion Ratio Lower Upper
284 100
142 28.5 25.9 38.9
249 29.4 23.8 35.8





#69

Atrazine

Concen: 58.999 ng

RT: 16.395 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

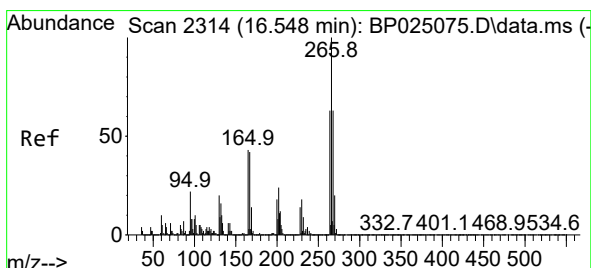
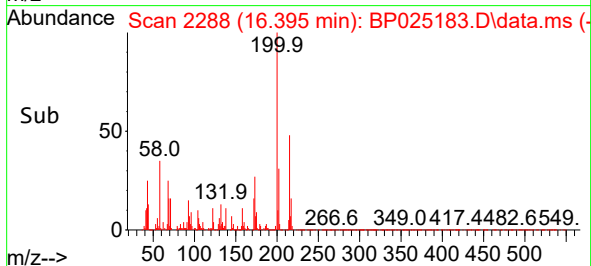
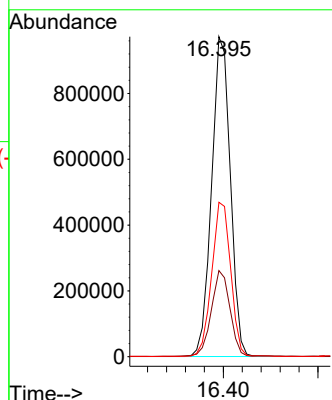
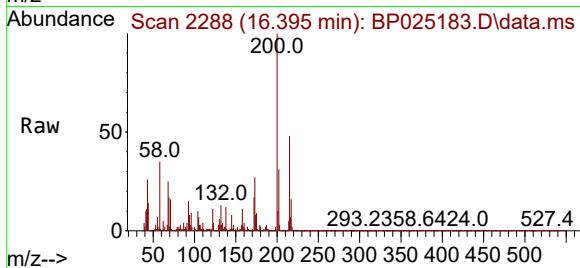
Tgt Ion:200 Resp: 1336219

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 48.2 28.0 68.0



#70

Pentachlorophenol

Concen: 101.598 ng

RT: 16.566 min Scan# 2317

Delta R.T. 0.018 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

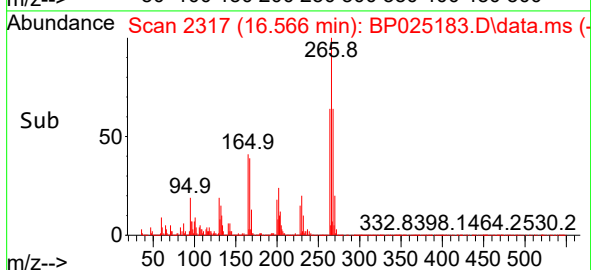
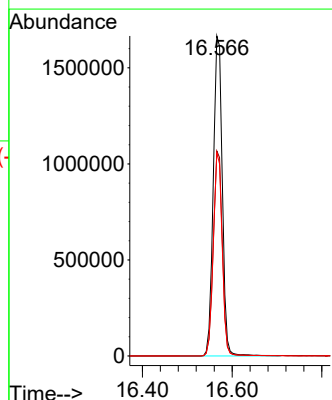
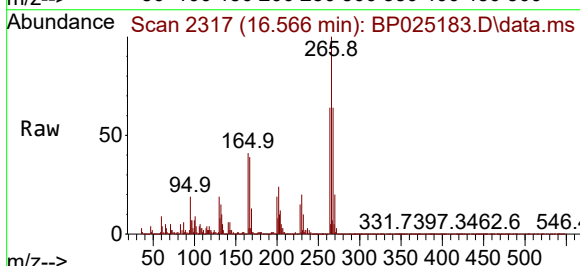
Tgt Ion:266 Resp: 2319032

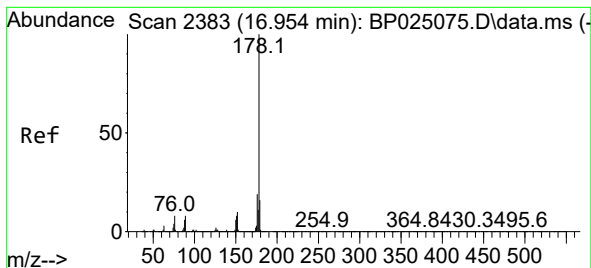
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

264 63.5 50.2 75.2





#71

Phenanthrene

Concen: 44.634 ng

RT: 16.960 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

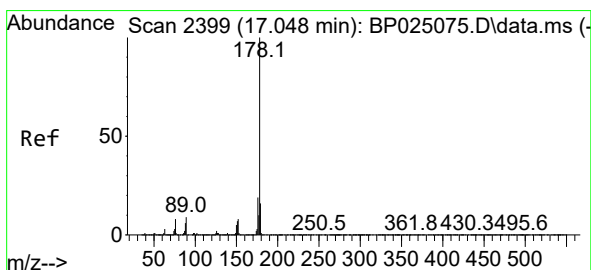
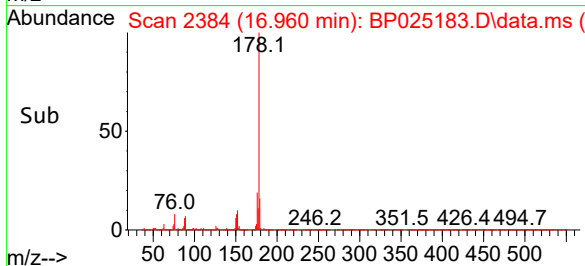
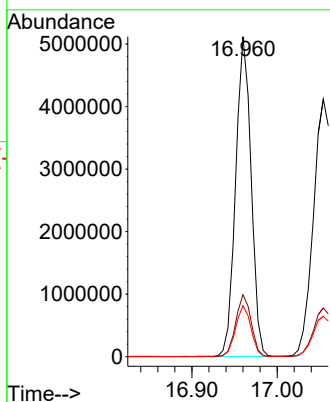
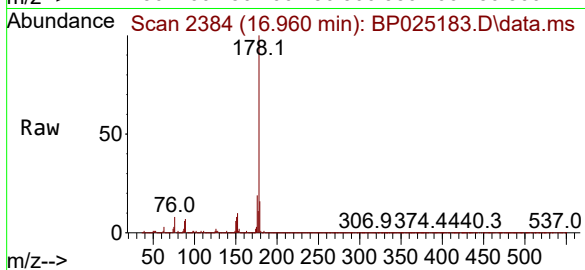
Tgt Ion:178 Resp: 6440994

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.9 12.6 19.0



#72

Anthracene

Concen: 47.695 ng

RT: 17.054 min Scan# 2400

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

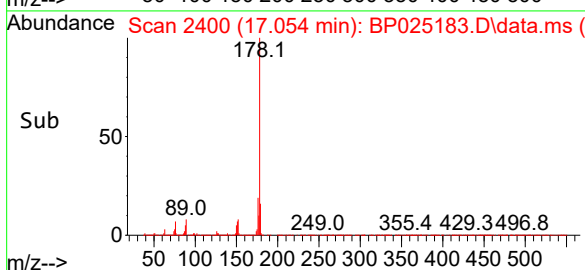
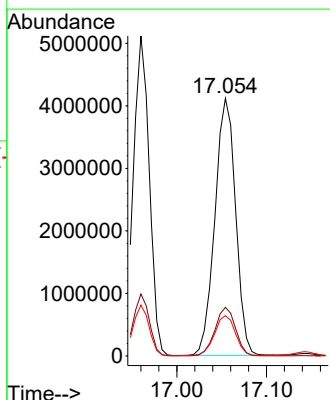
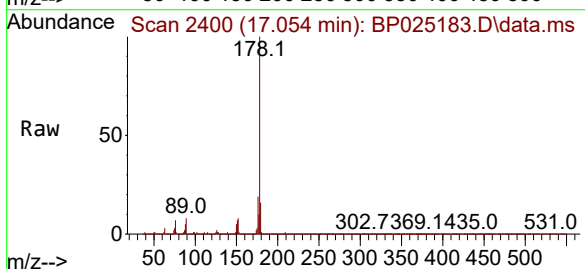
Tgt Ion:178 Resp: 6603102

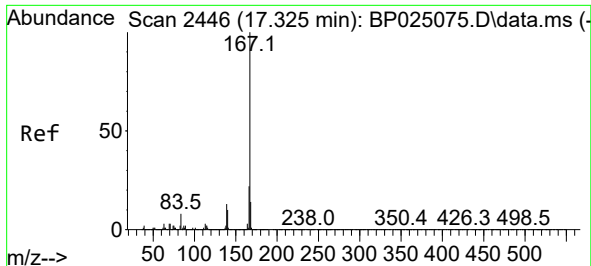
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.7 12.5 18.7

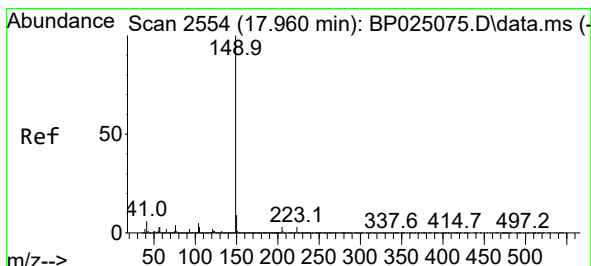
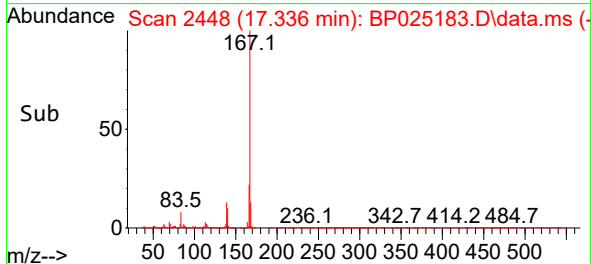
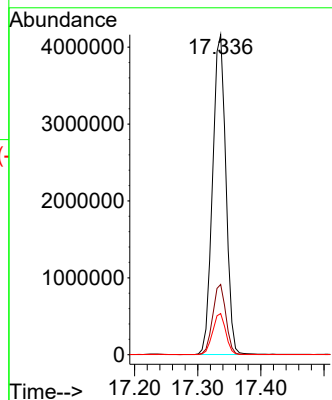
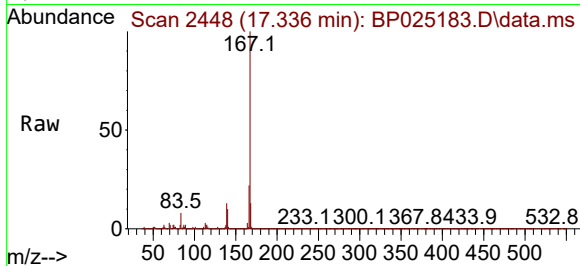




#73
Carbazole
Concen: 44.869 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

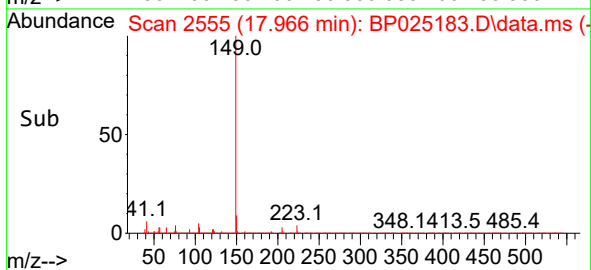
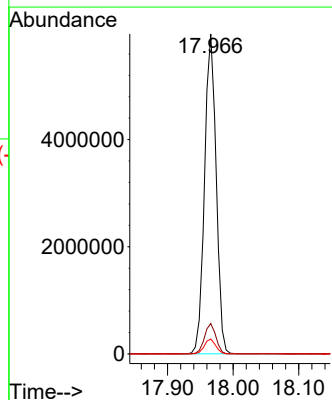
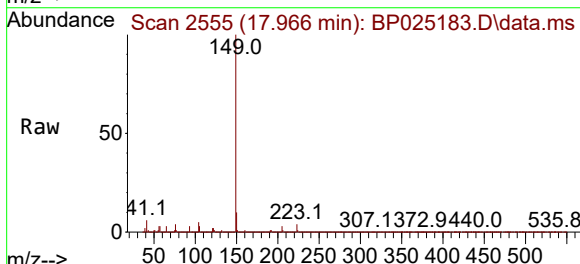
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MS

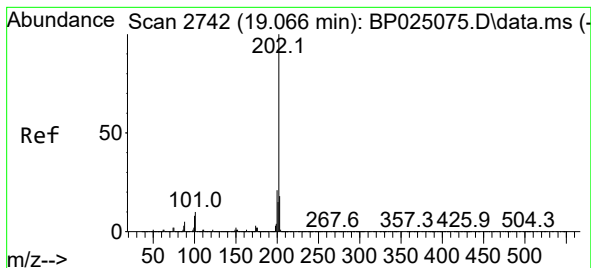
Tgt Ion:167 Resp: 6073632
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 12.8 10.4 15.6



#74
Di-n-butylphthalate
Concen: 48.772 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025183.D
Acq: 17 Jul 2025 18:26

Tgt Ion:149 Resp: 7351753
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 51.584 ng

RT: 19.078 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

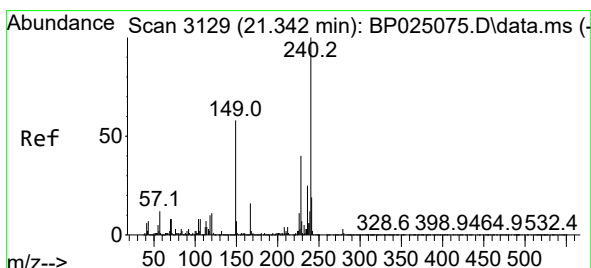
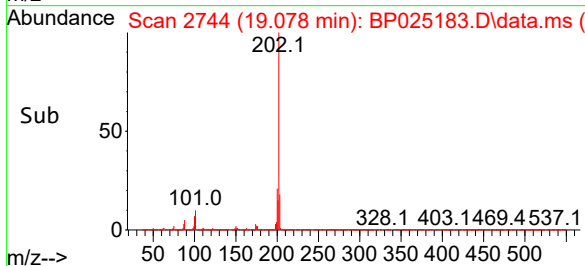
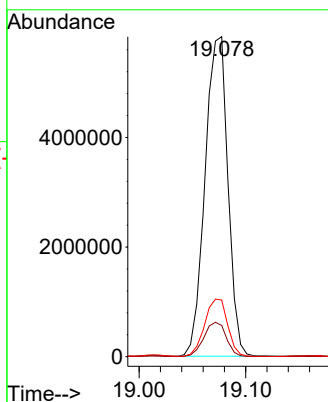
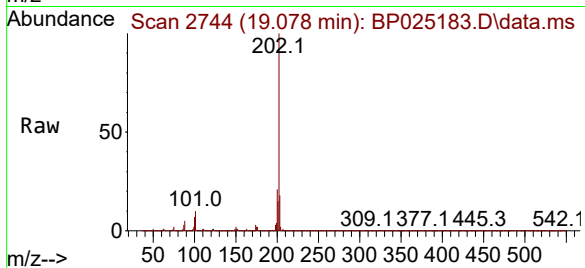
Tgt Ion:202 Resp: 8701151

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.4

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.372 min Scan# 3134

Delta R.T. 0.030 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

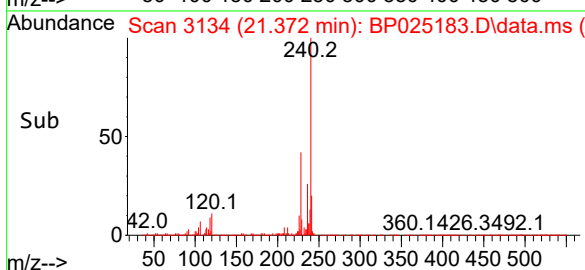
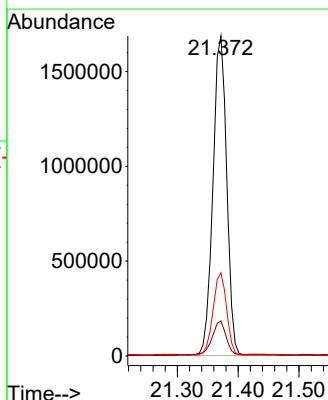
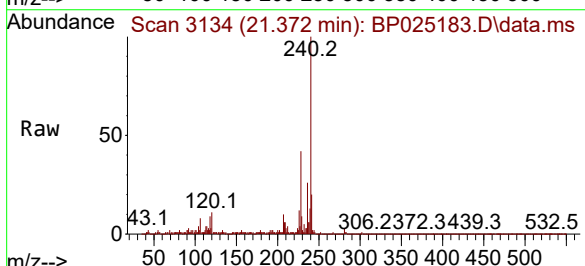
Tgt Ion:240 Resp: 2642491

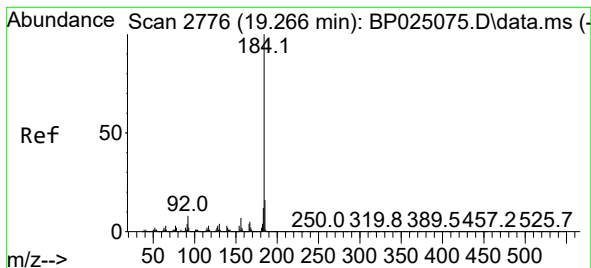
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 26.0 20.3 30.5





#77

Benzidine

Concen: 72.990 ng

RT: 19.272 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

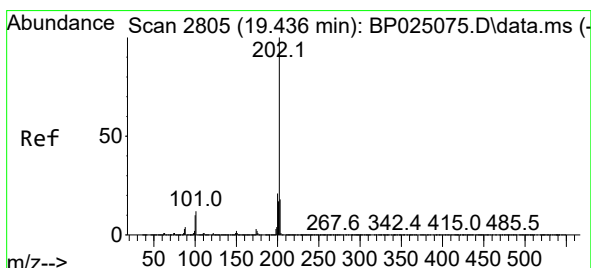
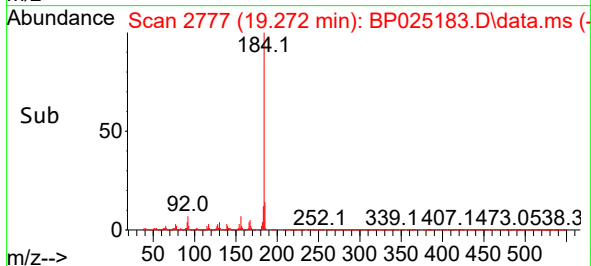
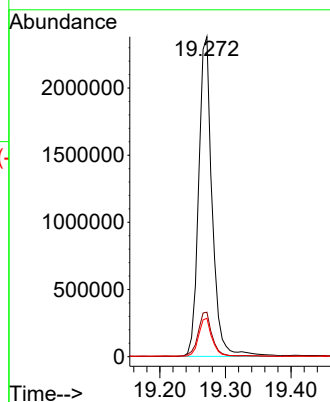
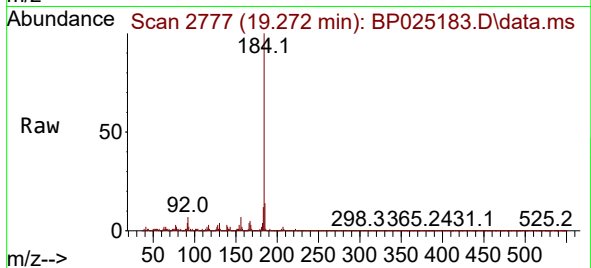
Tgt Ion:184 Resp: 3406432

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

183 12.0 9.4 14.2



#78

Pyrene

Concen: 52.834 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.018 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

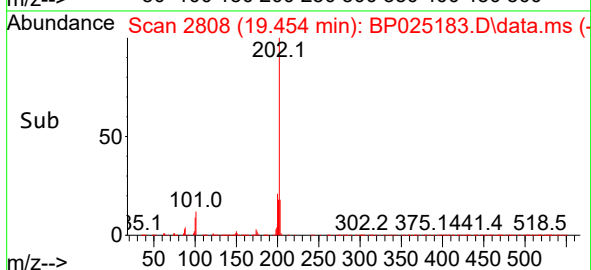
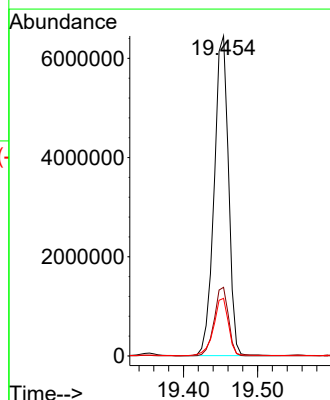
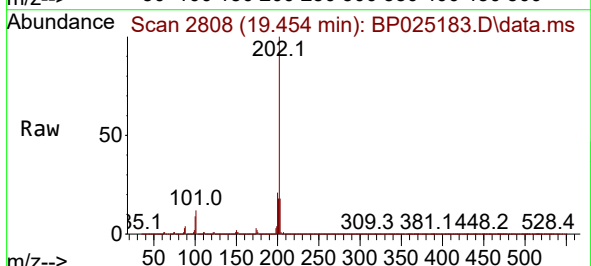
Tgt Ion:202 Resp: 8647337

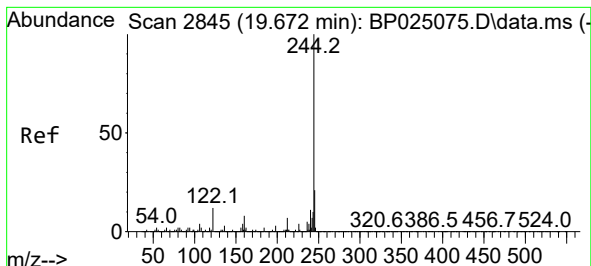
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 57.100 ng

RT: 19.677 min Scan# 2845

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

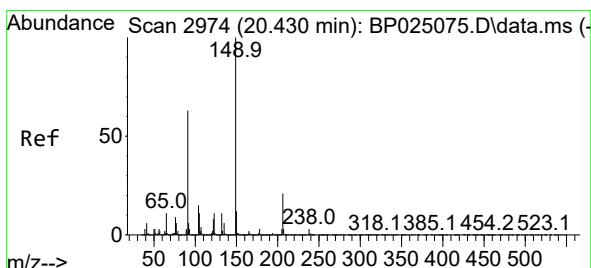
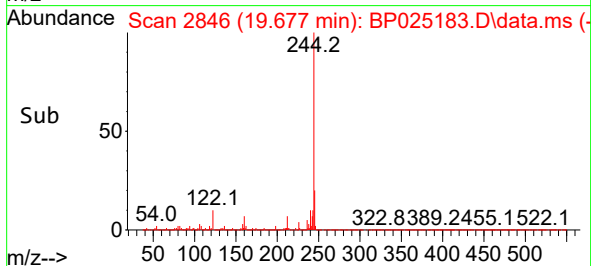
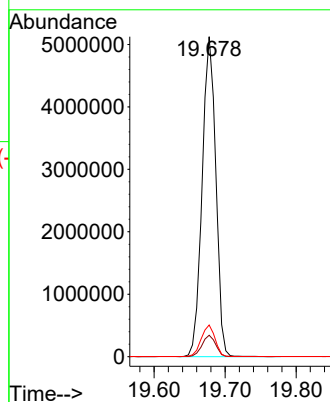
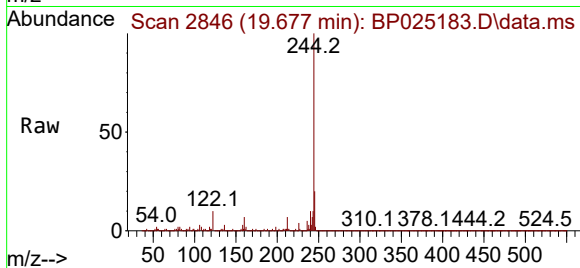
Tgt Ion:244 Resp: 6865314

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 9.9 9.4 14.2



#80

Butylbenzylphthalate

Concen: 51.186 ng

RT: 20.430 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

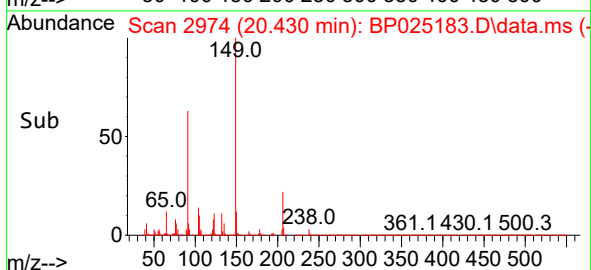
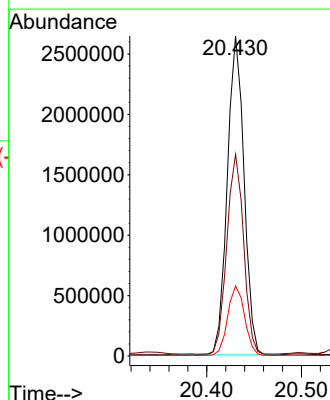
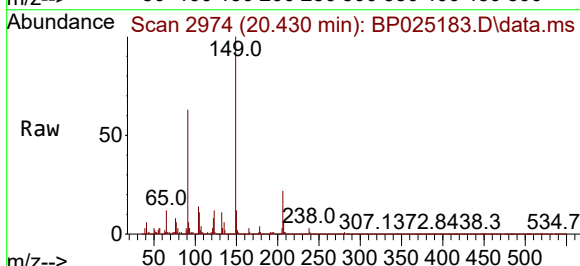
Tgt Ion:149 Resp: 3244457

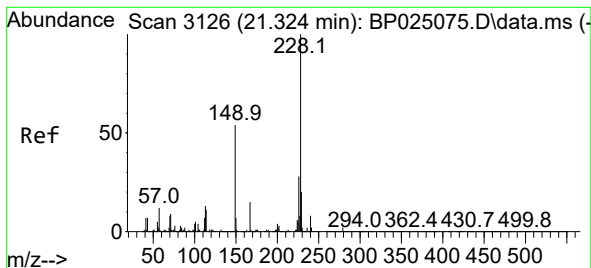
Ion Ratio Lower Upper

149 100

91 63.0 50.6 76.0

206 21.9 17.2 25.8





#81

Benzo(a)anthracene

Concen: 49.727 ng

RT: 21.348 min Scan# 3126

Delta R.T. 0.024 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

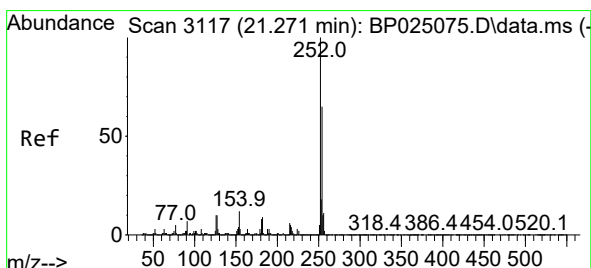
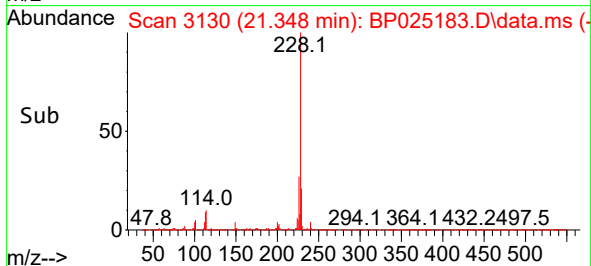
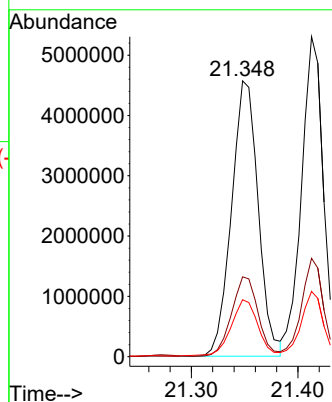
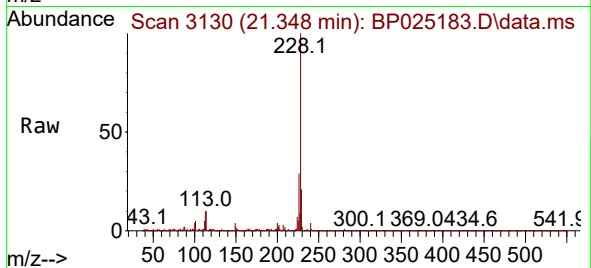
Tgt Ion:228 Resp: 7963211

Ion Ratio Lower Upper

228 100

226 29.0 22.1 33.1

229 20.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 48.868 ng

RT: 21.272 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

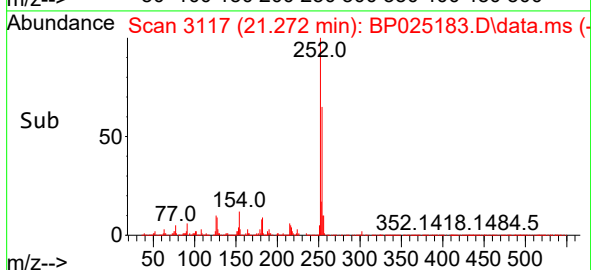
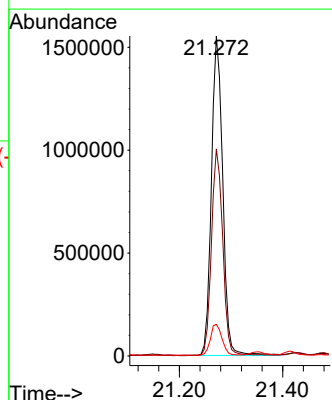
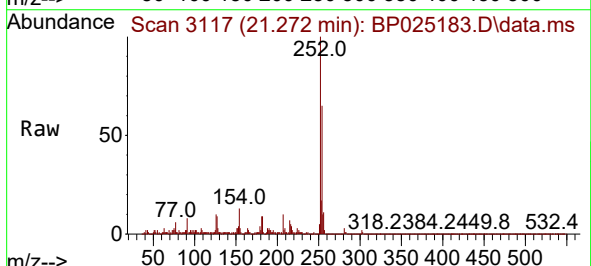
Tgt Ion:252 Resp: 2355837

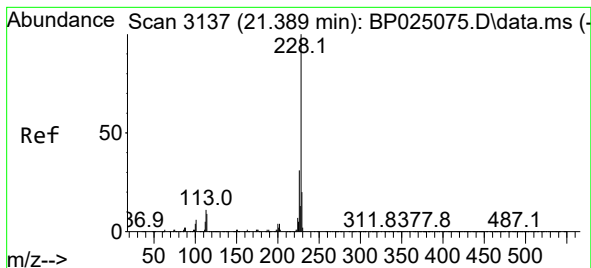
Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

126 9.8 8.1 12.1





#83

Chrysene

Concen: 48.582 ng

RT: 21.413 min Scan# 3141

Delta R.T. 0.024 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

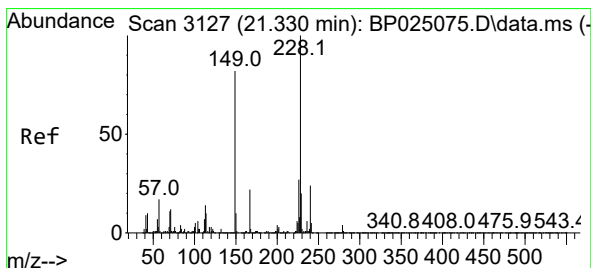
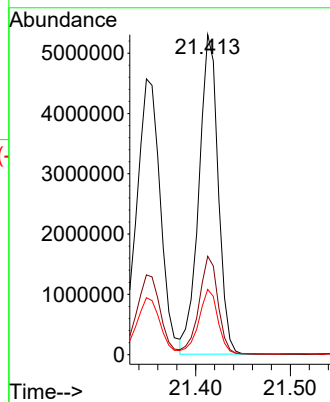
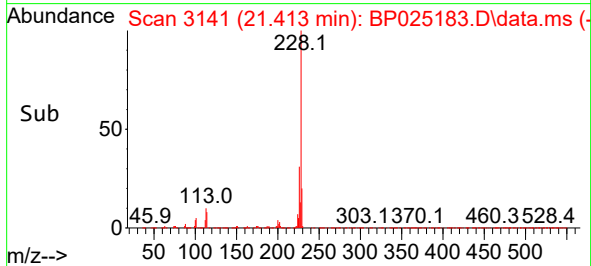
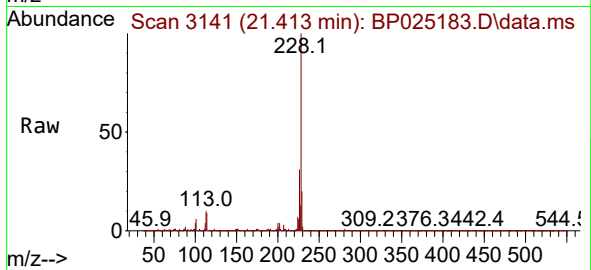
Tgt Ion:228 Resp: 7486910

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.808 ng

RT: 21.324 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

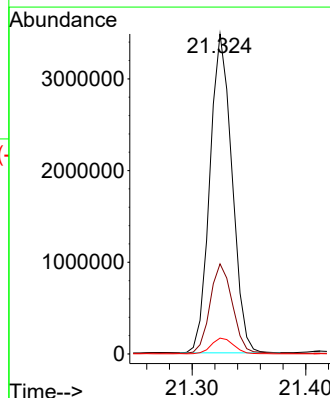
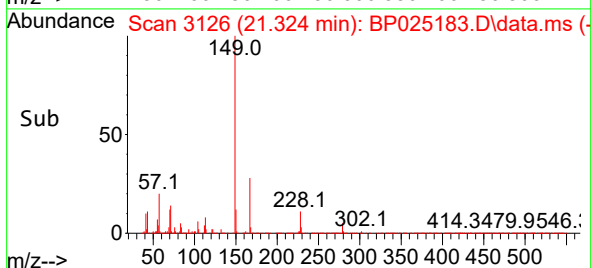
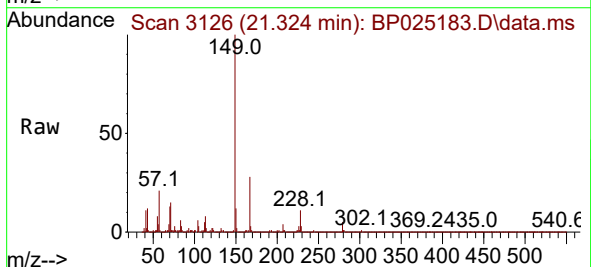
Tgt Ion:149 Resp: 4707824

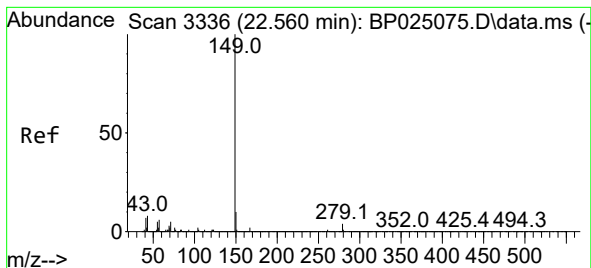
Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 50.983 ng

RT: 22.548 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

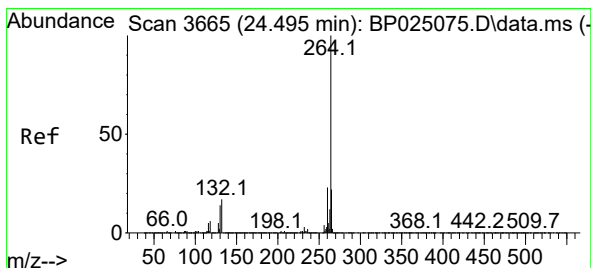
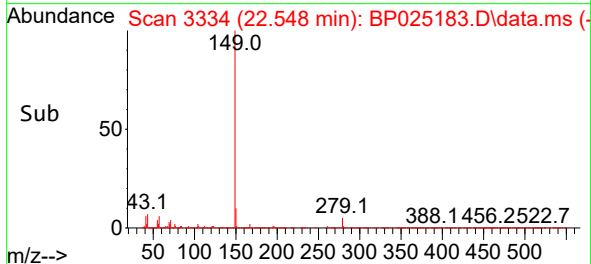
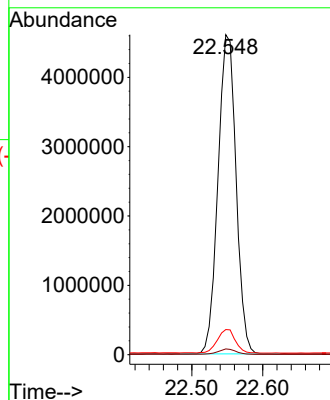
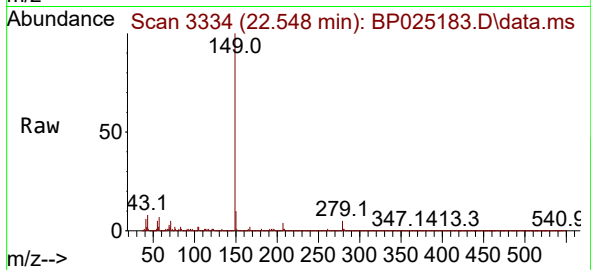
Tgt Ion:149 Resp: 8098389

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.518 min Scan# 3669

Delta R.T. 0.024 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

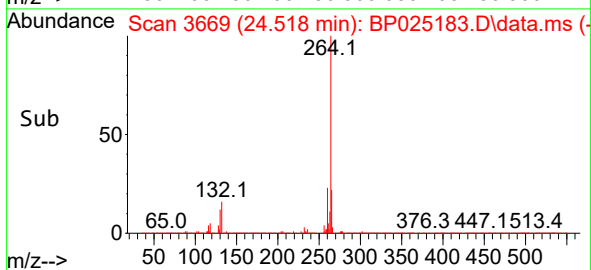
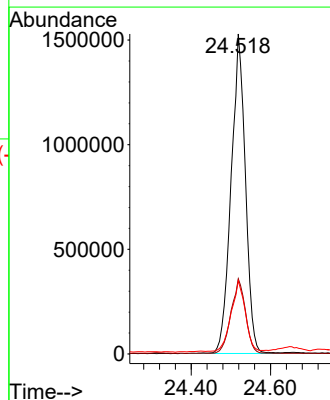
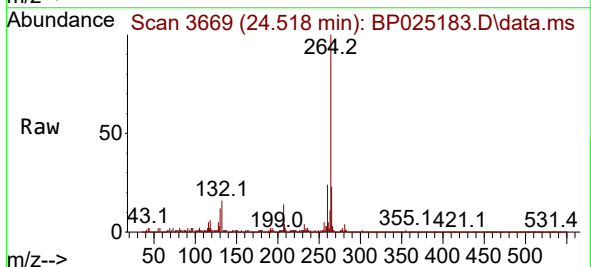
Tgt Ion:264 Resp: 3823105

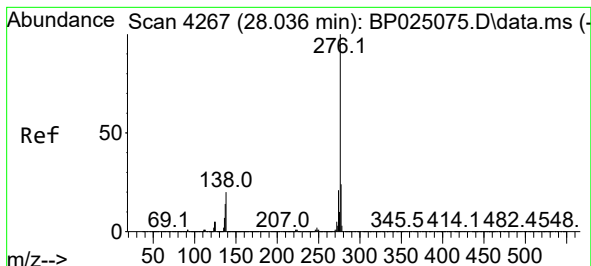
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 23.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.739 ng m

RT: 28.083 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

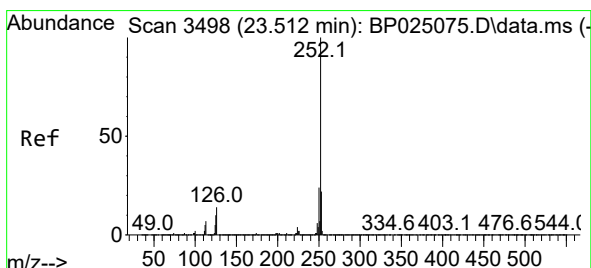
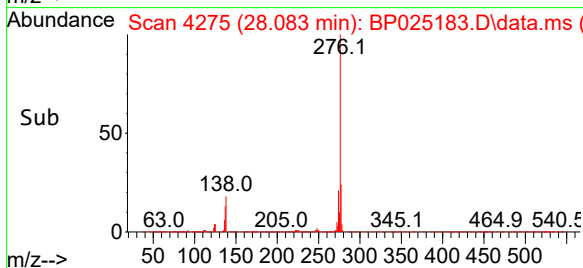
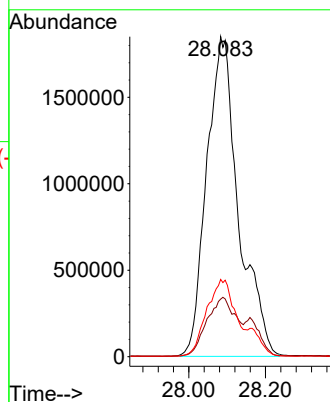
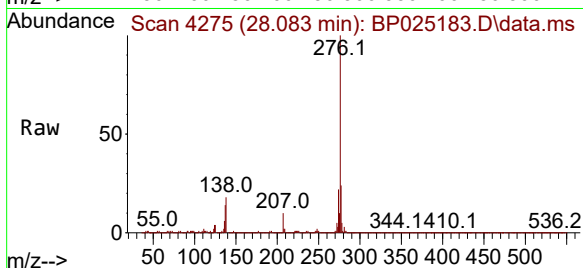
Tgt Ion:276 Resp:10652897

Ion Ratio Lower Upper

276 100

138 17.0 13.0 19.6

277 22.0 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 38.307 ng

RT: 23.524 min Scan# 3500

Delta R.T. 0.012 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

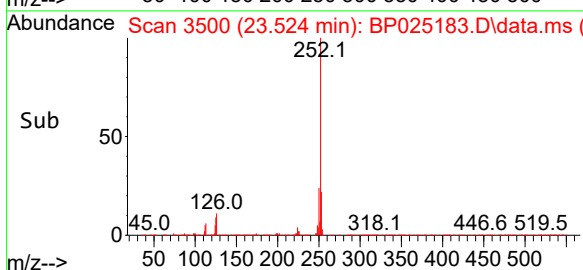
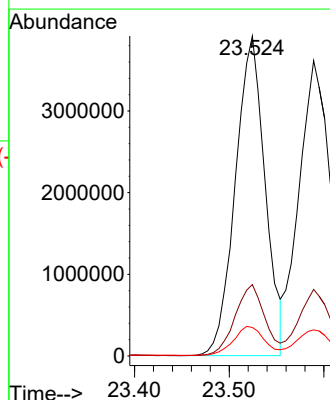
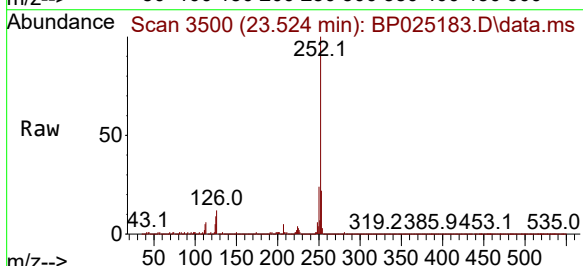
Tgt Ion:252 Resp: 8524140

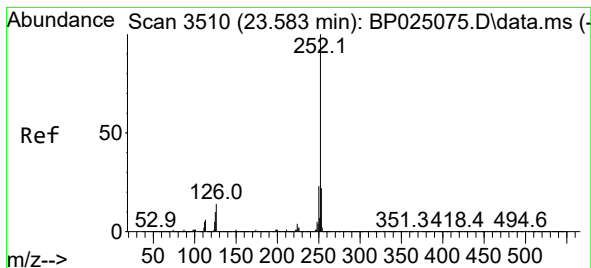
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.9 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 36.918 ng

RT: 23.589 min Scan# 3510

Delta R.T. 0.006 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

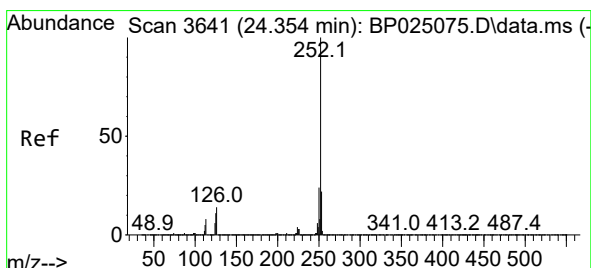
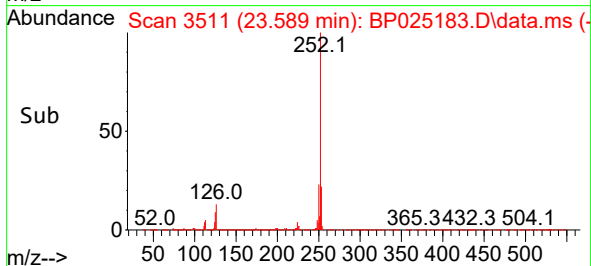
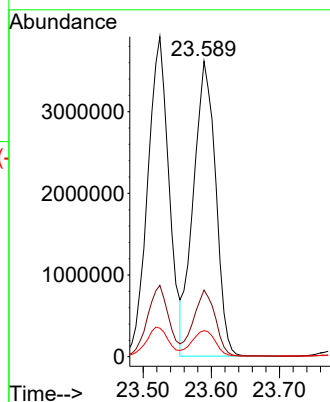
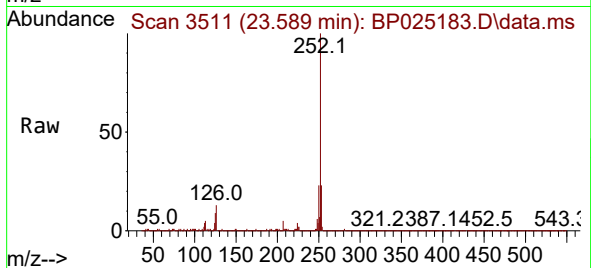
Tgt Ion:252 Resp: 8173972

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 8.9 8.2 12.2



#90

Benzo(a)pyrene

Concen: 52.524 ng

RT: 24.371 min Scan# 3644

Delta R.T. 0.018 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

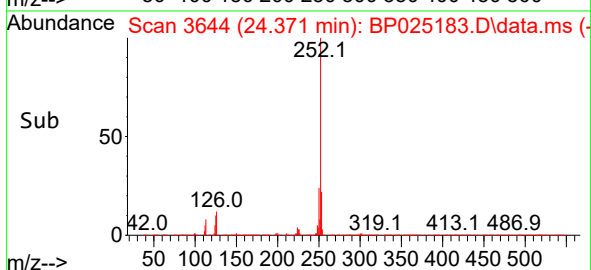
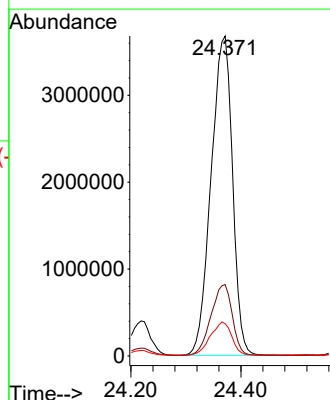
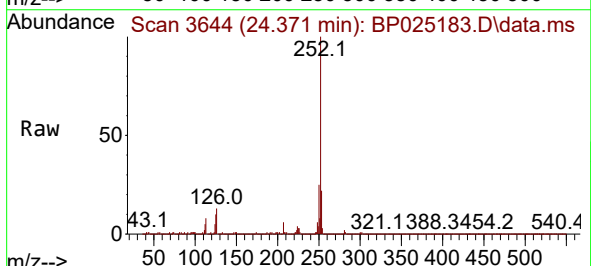
Tgt Ion:252 Resp: 9947492

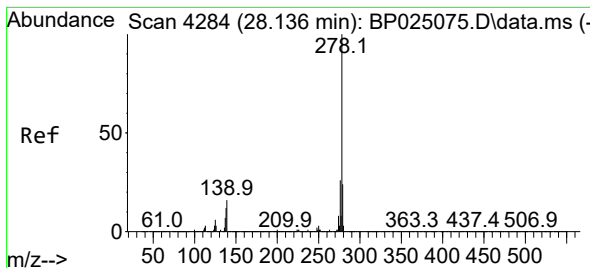
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 42.349 ng

RT: 28.165 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MS

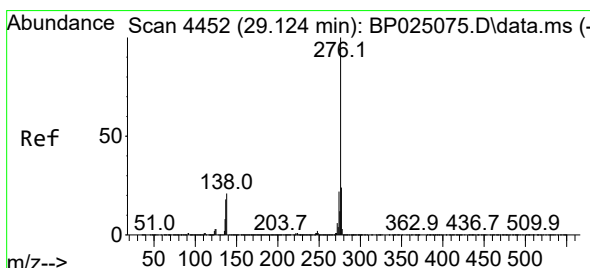
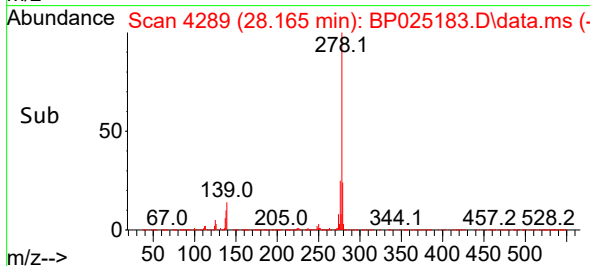
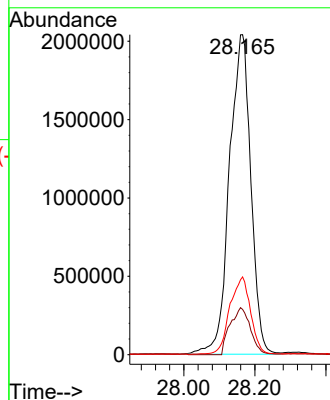
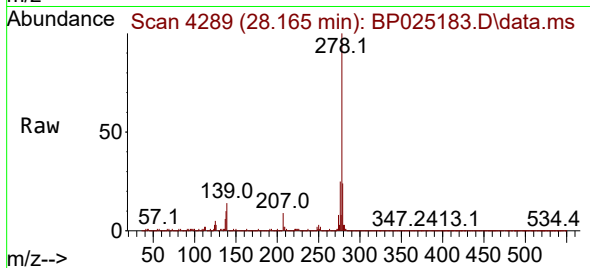
Tgt Ion:278 Resp: 8525841

Ion Ratio Lower Upper

278 100

139 14.1 13.1 19.7

279 24.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 41.113 ng

RT: 29.189 min Scan# 4463

Delta R.T. 0.065 min

Lab File: BP025183.D

Acq: 17 Jul 2025 18:26

Tgt Ion:276 Resp: 8550348

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 20.4 16.9 25.3

