

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024299.D
 Acq On : 15 Apr 2025 18:10
 Operator : RC/JU
 Sample : Q1787-12MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Quant Time: Apr 15 18:40:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	259808	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	990490	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	544881	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	990797	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1084738	20.000	ng	0.00
86) Perylene-d12	24.986	264	1266831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1949232	124.052	ng	0.00
7) Phenol-d6	6.916	99	2210570	102.743	ng	0.00
23) Nitrobenzene-d5	8.881	82	1656996	95.391	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	941827	124.932	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3155566	88.671	ng	-0.01
79) Terphenyl-d14	19.910	244	4793355	89.069	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	263043	39.577	ng	# 78
3) Pyridine	3.705	79	586526	33.420	ng	99
4) n-Nitrosodimethylamine	3.605	42	251532	43.185	ng	93
6) Aniline	7.069	93	705587	36.700	ng	98
8) 2-Chlorophenol	7.305	128	721666	41.136	ng	97
9) Benzaldehyde	6.881	77	316651	29.752	ng	97
10) Phenol	6.946	94	786092	36.421	ng	96
11) bis(2-Chloroethyl)ether	7.163	93	699361	40.217	ng	99
12) 1,3-Dichlorobenzene	7.622	146	758500	40.160	ng	99
13) 1,4-Dichlorobenzene	7.769	146	768117	40.084	ng	99
14) 1,2-Dichlorobenzene	8.081	146	741903	40.094	ng	99
15) Benzyl Alcohol	7.975	79	608927	43.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.252	45	806776	42.921	ng	100
17) 2-Methylphenol	8.175	107	592412	42.429	ng	98
18) Hexachloroethane	8.805	117	289297	41.774	ng	99
19) n-Nitroso-di-n-propyla...	8.534	70	529070	39.747	ng	100
20) 3+4-Methylphenols	8.499	107	789344	40.744	ng	99
22) Acetophenone	8.546	105	1066007	43.483	ng	# 98
24) Nitrobenzene	8.922	77	794679	46.246	ng	97
25) Isophorone	9.446	82	1457863	46.367	ng	100
26) 2-Nitrophenol	9.628	139	368809	43.857	ng	97
27) 2,4-Dimethylphenol	9.687	122	662153	62.710	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	911362	42.907	ng	100
29) 2,4-Dichlorophenol	10.163	162	622401	43.231	ng	97
30) 1,2,4-Trichlorobenzene	10.369	180	665853	43.166	ng	100
31) Naphthalene	10.557	128	2152241	41.250	ng	100
32) Benzoic acid	9.828	122	358757m	29.159	ng	
33) 4-Chloroaniline	10.663	127	438717	23.877	ng	98
34) Hexachlorobutadiene	10.840	225	396300	43.720	ng	99
35) Caprolactam	11.451	113	163748	30.824	ng	87
36) 4-Chloro-3-methylphenol	11.793	107	680639	40.588	ng	100
37) 2-Methylnaphthalene	12.169	142	1335986	36.921	ng	98
38) 1-Methylnaphthalene	12.381	142	1401811	39.601	ng	99
40) 1,2,4,5-Tetrachloroben...	12.534	216	716863	47.841	ng	# 98
41) Hexachlorocyclopentadiene	12.516	237	1028887	194.146	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	468676	47.045	ng	96

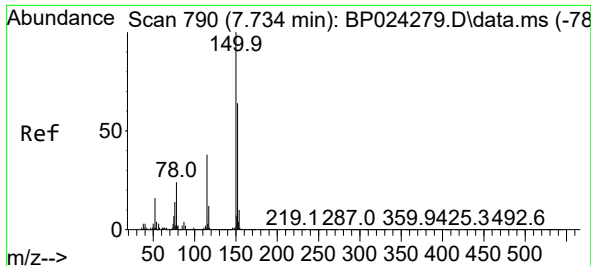
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	506852	45.944	ng	96
46) 1,1'-Biphenyl	13.181	154	1848476	46.152	ng	100
47) 2-Chloronaphthalene	13.222	162	1403661	46.892	ng	98
48) 2-Nitroaniline	13.428	65	425898	50.723	ng	95
49) Acenaphthylene	14.081	152	2305418	48.917	ng	99
50) Dimethylphthalate	13.822	163	1760562	44.431	ng	100
51) 2,6-Dinitrotoluene	13.934	165	374079	44.458	ng	91
52) Acenaphthene	14.428	154	1319835	44.174	ng	99
53) 3-Nitroaniline	14.269	138	233803	26.438	ng	93
54) 2,4-Dinitrophenol	14.481	184	393698	79.433	ng	97
55) Dibenzofuran	14.769	168	2068250	42.349	ng	98
56) 4-Nitrophenol	14.598	139	639809	83.770	ng	93
57) 2,4-Dinitrotoluene	14.734	165	530775	46.243	ng	98
58) Fluorene	15.434	166	1672899	44.248	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	432998	42.555	ng	97
60) Diethylphthalate	15.210	149	1760423	43.112	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	805068	43.851	ng	99
62) 4-Nitroaniline	15.457	138	392799	41.957	ng	92
63) Azobenzene	15.728	77	1722680	45.900	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	280113	44.842	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1438674	48.648	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	514816	47.509	ng	98
68) Hexachlorobenzene	16.463	284	602356	46.780	ng	95
69) Atrazine	16.634	200	484674	64.349	ng	99
70) Pentachlorophenol	16.828	266	848105	94.413	ng	99
71) Phenanthrene	17.228	178	2553284	47.239	ng	100
72) Anthracene	17.316	178	2566445	49.266	ng	100
73) Carbazole	17.598	167	2451328	48.160	ng	100
74) Di-n-butylphthalate	18.198	149	3098956	48.868	ng	100
75) Fluoranthene	19.310	202	2968168	46.173	ng	100
77) Benzidine	19.498	184	756224	54.998	ng	99
78) Pyrene	19.686	202	3098567	44.948	ng	100
80) Butylbenzylphthalate	20.639	149	1473781	49.913	ng	99
81) Benzo(a)anthracene	21.610	228	3217974	47.728	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	888986	37.566	ng	99
83) Chrysene	21.674	228	3015605	46.685	ng	100
84) Bis(2-ethylhexyl)phtha...	21.551	149	2186401	50.511	ng	99
85) Di-n-octyl phthalate	22.845	149	3695270	52.512	ng	99
87) Indeno(1,2,3-cd)pyrene	28.821	276	4629717m	52.641	ng	
88) Benzo(b)fluoranthene	23.945	252	3572357	47.045	ng	100
89) Benzo(k)fluoranthene	24.010	252	3517866	47.961	ng	99
90) Benzo(a)pyrene	24.845	252	3401123	51.925	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	3798677	52.037	ng	98
92) Benzo(g,h,i)perylene	30.015	276	3722267	50.095	ng	99

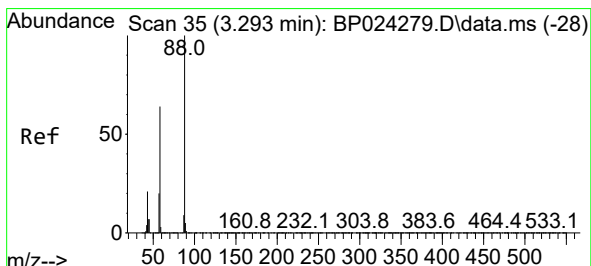
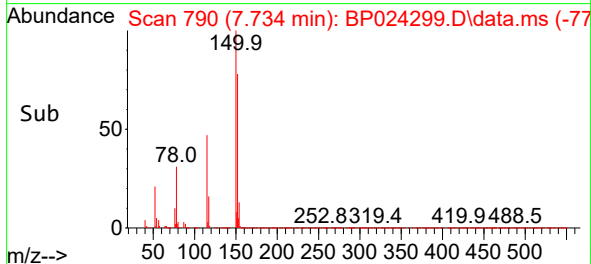
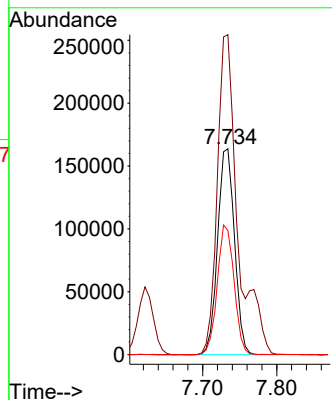
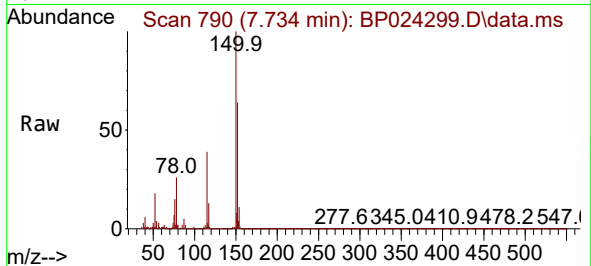
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: BP024299.D
 Acq: 15 Apr 2025 18:10

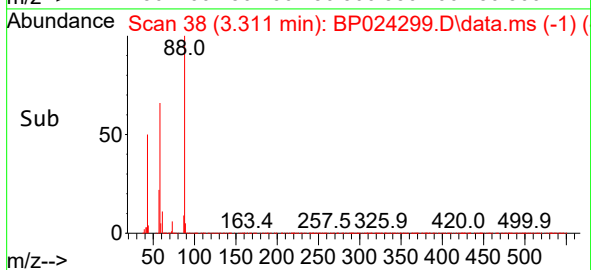
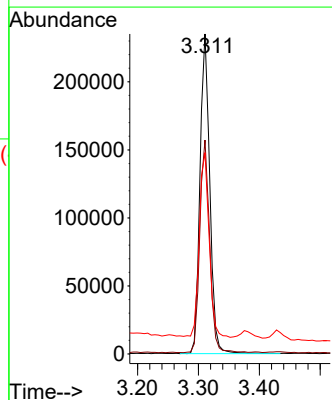
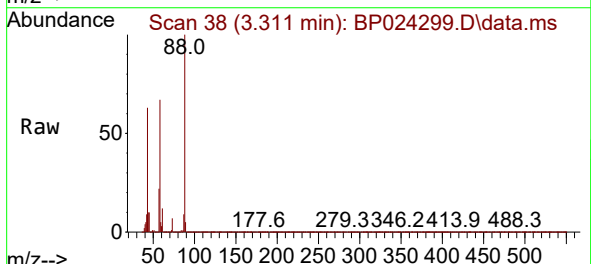
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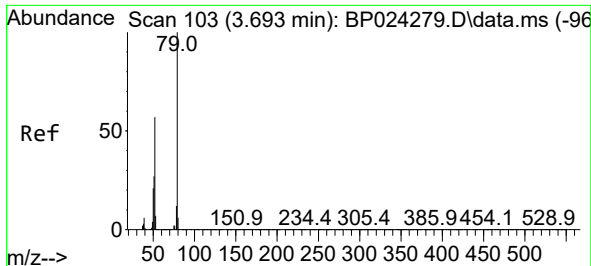
Tgt Ion:152 Resp: 259808
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.9 187.3
 115 60.3 47.7 71.5



#2
 1,4-Dioxane
 Concen: 39.577 ng
 RT: 3.311 min Scan# 38
 Delta R.T. 0.018 min
 Lab File: BP024299.D
 Acq: 15 Apr 2025 18:10

Tgt Ion: 88 Resp: 263043
 Ion Ratio Lower Upper
 88 100
 58 66.9 51.4 77.2
 43 58.8 17.1 25.7#

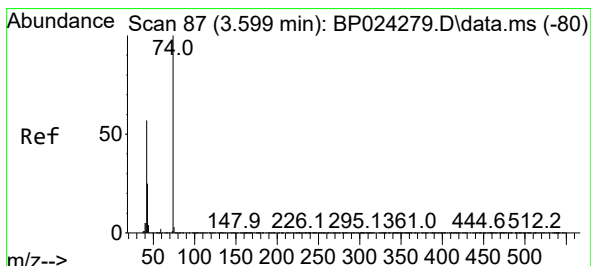
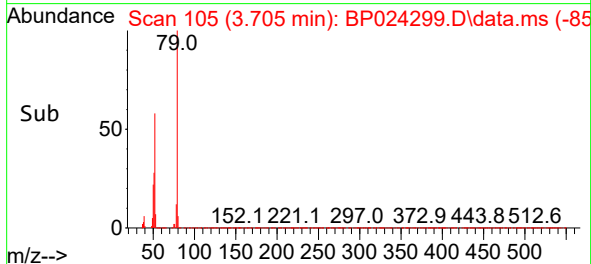
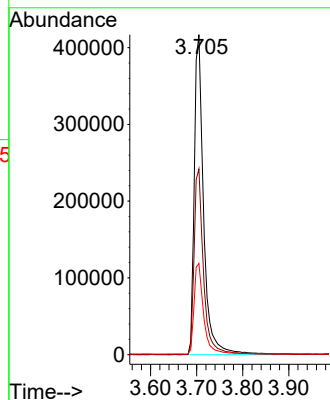
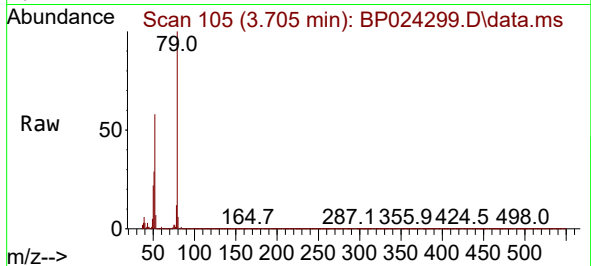




#3
Pyridine
Concen: 33.420 ng
RT: 3.705 min Scan# 103
Delta R.T. 0.018 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

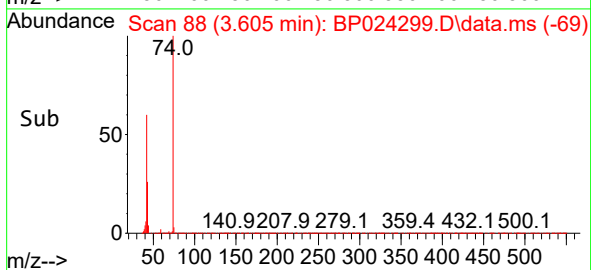
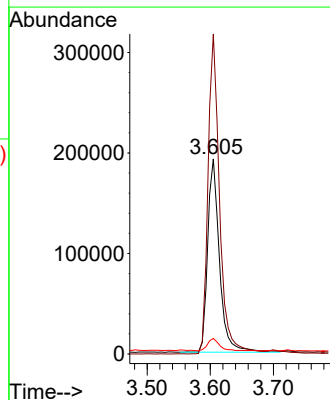
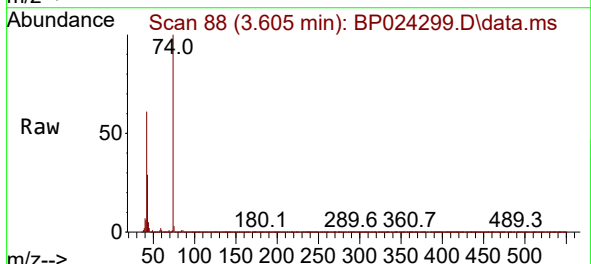
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ClientSampleId :
TP-1MS

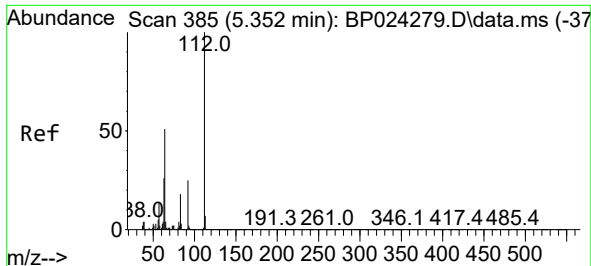
Tgt Ion: 79 Resp: 586526
Ion Ratio Lower Upper
79 100
52 58.0 45.4 68.2
51 28.5 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 43.185 ng
RT: 3.605 min Scan# 88
Delta R.T. 0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion: 42 Resp: 251532
Ion Ratio Lower Upper
42 100
74 164.1 139.5 209.3
44 7.9 5.8 8.8

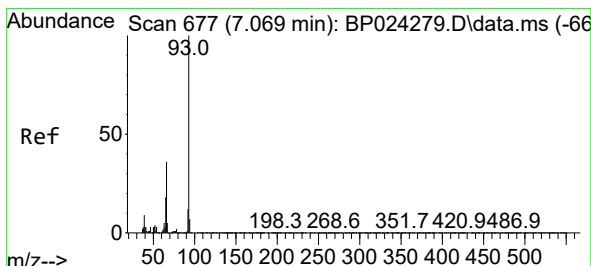
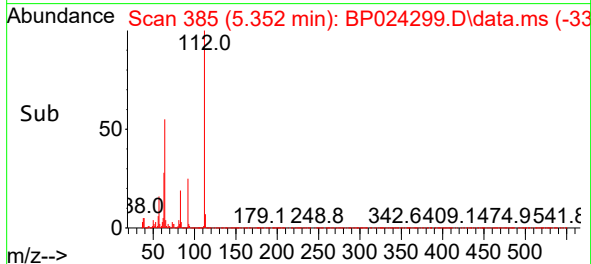
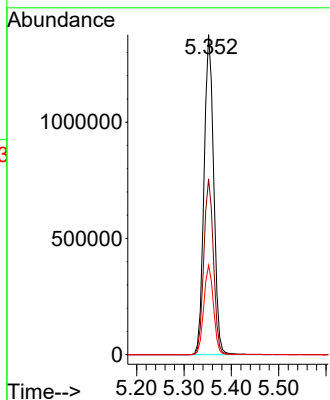
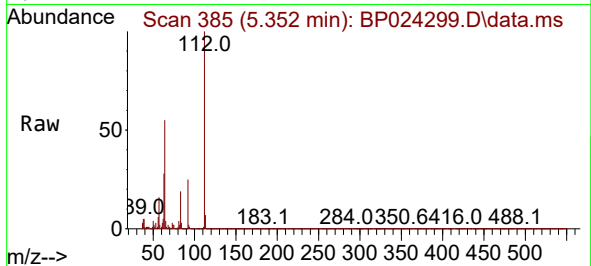




#5
2-Fluorophenol
Concen: 124.052 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

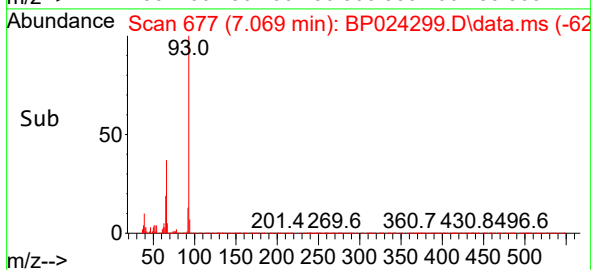
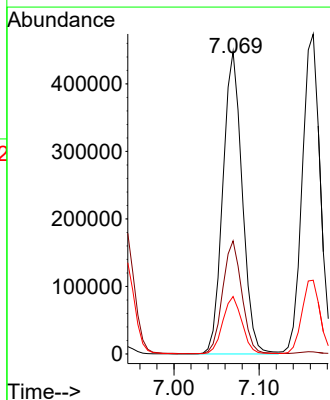
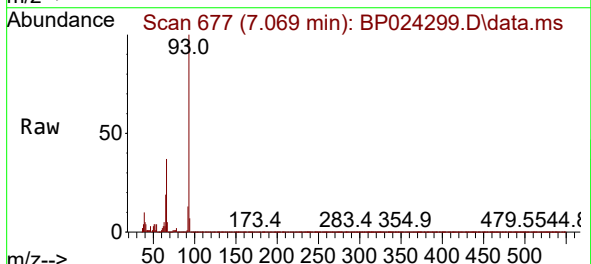
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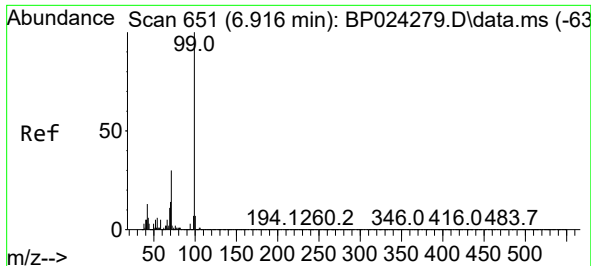
Tgt Ion:112 Resp: 1949232
Ion Ratio Lower Upper
112 100
64 55.0 41.1 61.7
63 28.0 20.6 30.8



#6
Aniline
Concen: 36.700 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion: 93 Resp: 705587
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 19.0 14.7 22.1

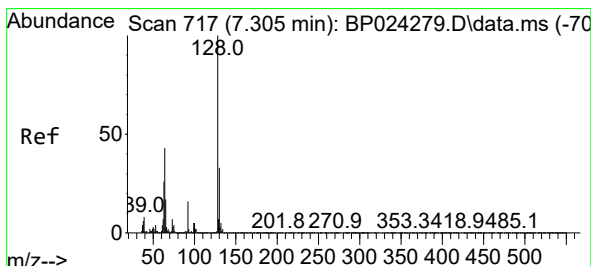
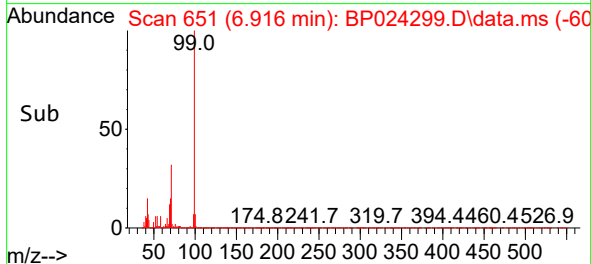
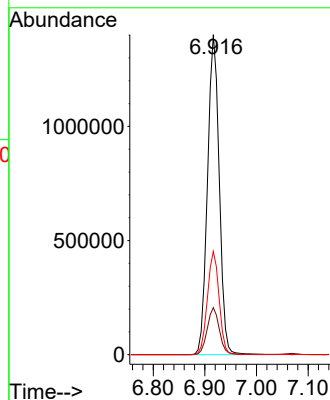
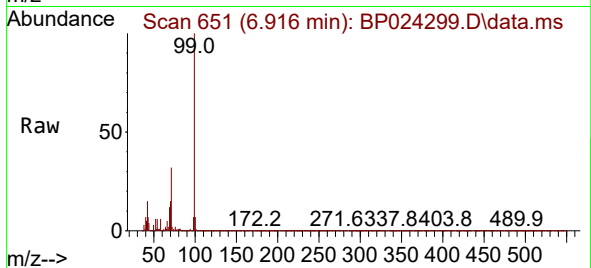




#7
Phenol-d6
Concen: 102.743 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

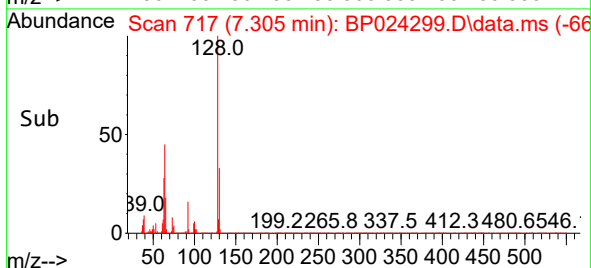
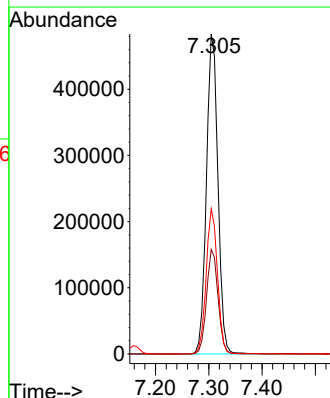
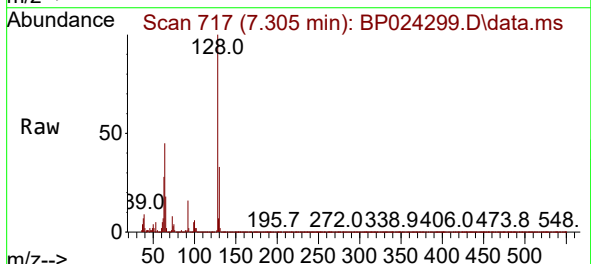
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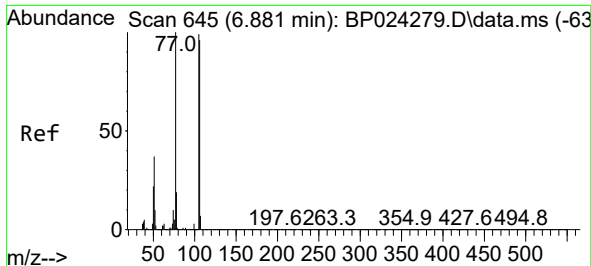
Tgt Ion: 99 Resp: 2210570
Ion Ratio Lower Upper
99 100
42 14.7 10.6 16.0
71 32.3 23.7 35.5



#8
2-Chlorophenol
Concen: 41.136 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion: 128 Resp: 721666
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 45.4 22.7 62.7

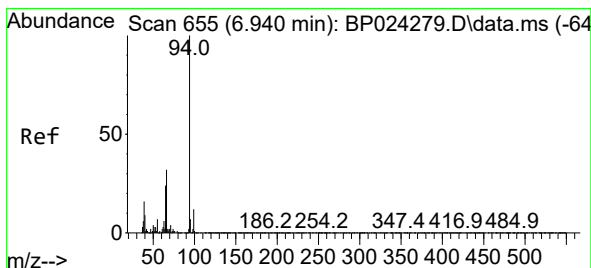
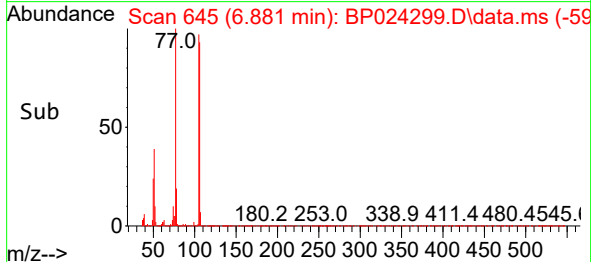
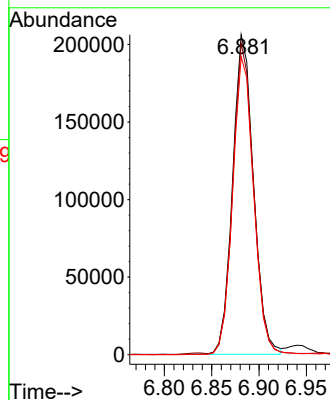
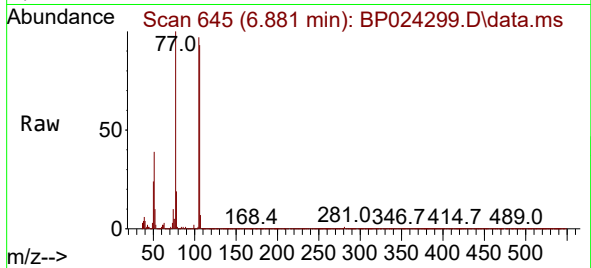




#9
Benzaldehyde
Concen: 29.752 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

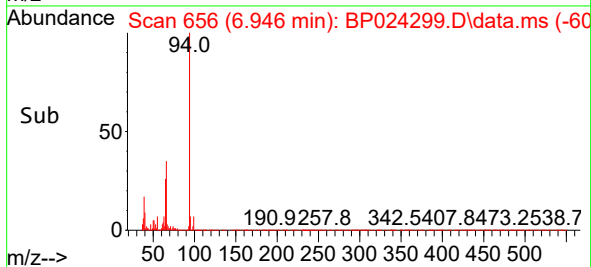
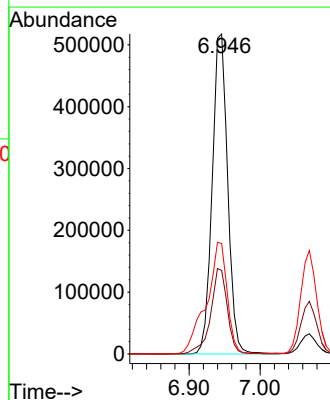
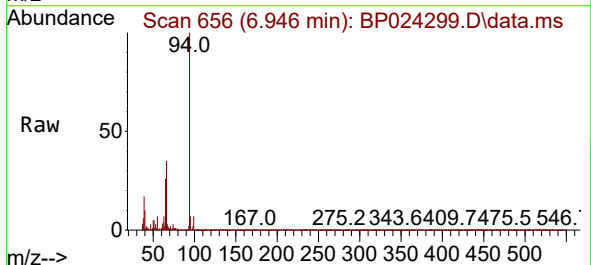
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ClientSampleId :
TP-1MS

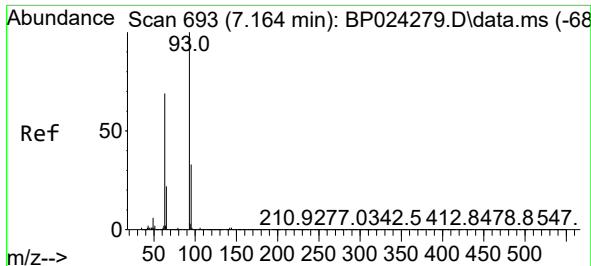
Tgt Ion: 77 Resp: 316651
Ion Ratio Lower Upper
77 100
105 97.3 79.2 119.2
106 93.1 76.2 116.2



#10
Phenol
Concen: 36.421 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion: 94 Resp: 786092
Ion Ratio Lower Upper
94 100
65 26.1 4.5 44.5
66 34.5 12.4 52.4



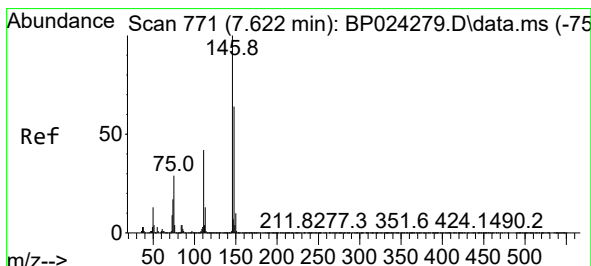
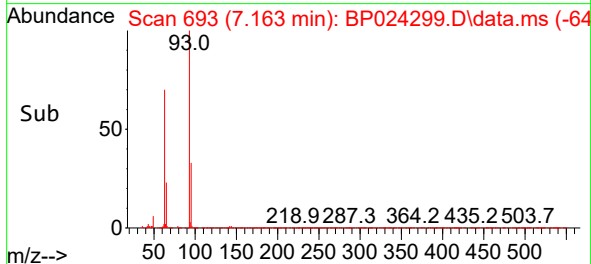
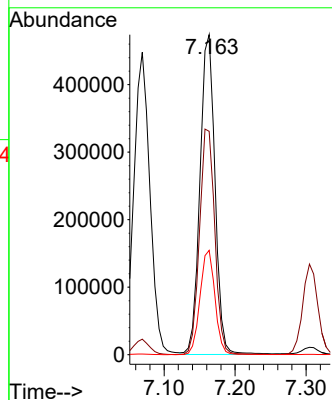
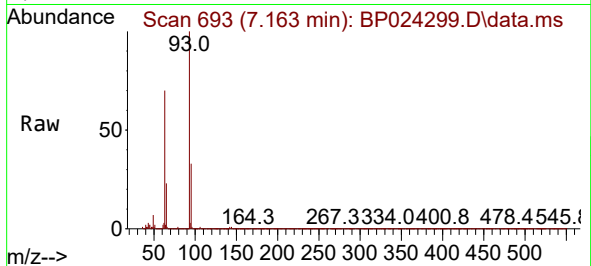


#11
 bis(2-Chloroethyl)ether
 Concen: 40.217 ng
 RT: 7.163 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: BP024299.D
 Acq: 15 Apr 2025 18:10

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Tgt Ion: 93 Resp: 699361

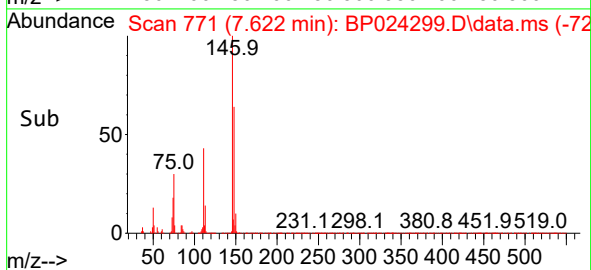
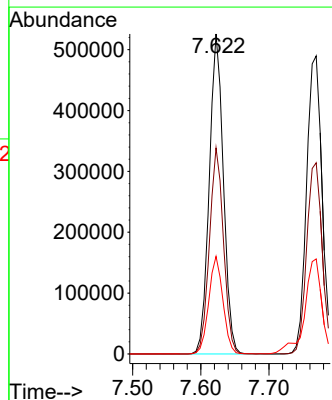
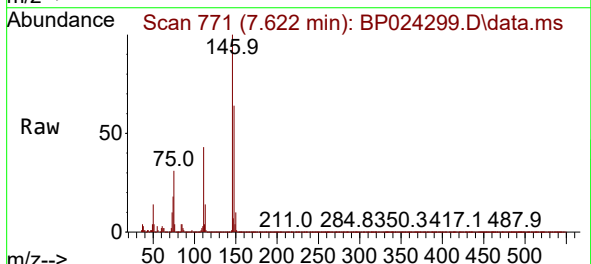
Ion	Ratio	Lower	Upper
93	100		
63	69.8	48.6	88.6
95	32.6	12.3	52.3

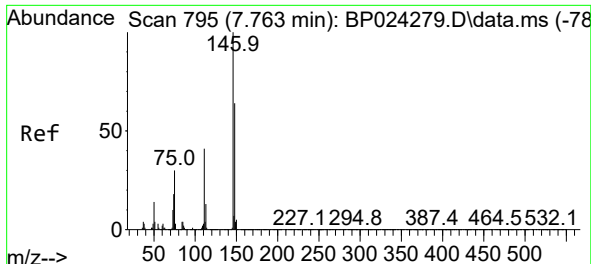


#12
 1,3-Dichlorobenzene
 Concen: 40.160 ng
 RT: 7.622 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: BP024299.D
 Acq: 15 Apr 2025 18:10

Tgt Ion: 146 Resp: 758500

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	30.5	22.9	34.3





#13

1,4-Dichlorobenzene

Concen: 40.084 ng

RT: 7.769 min Scan# 795

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

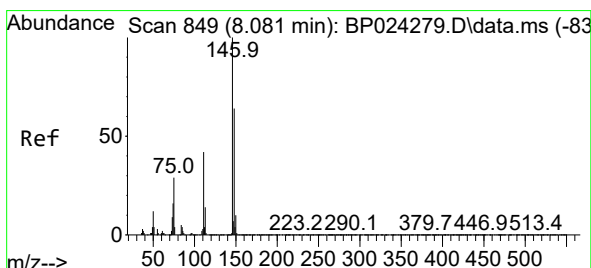
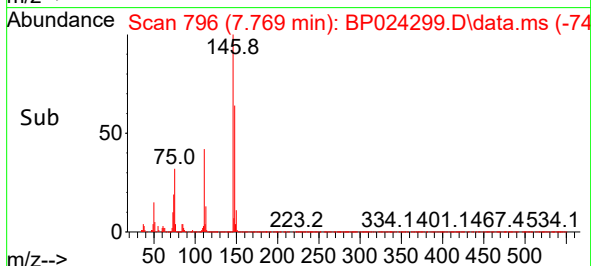
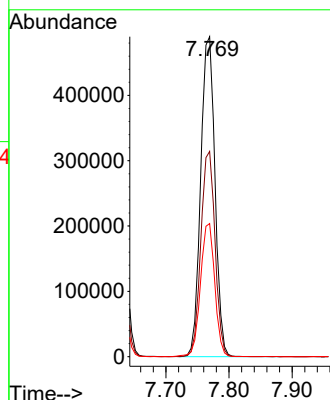
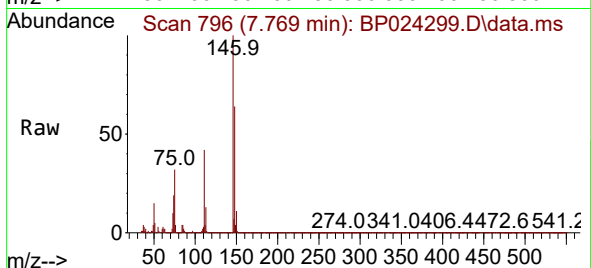
Tgt Ion:146 Resp: 768117

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 41.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.094 ng

RT: 8.081 min Scan# 849

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

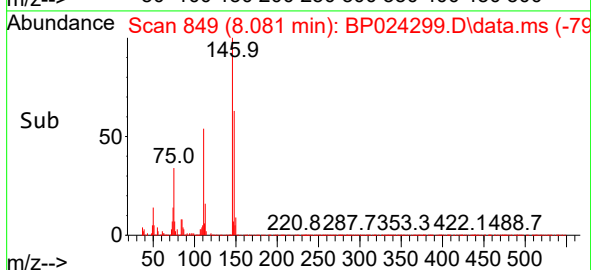
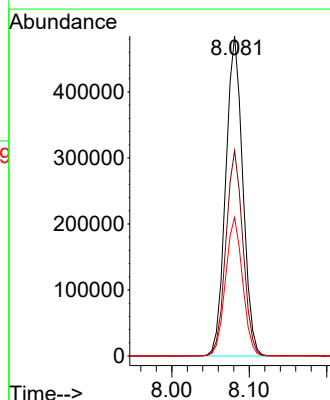
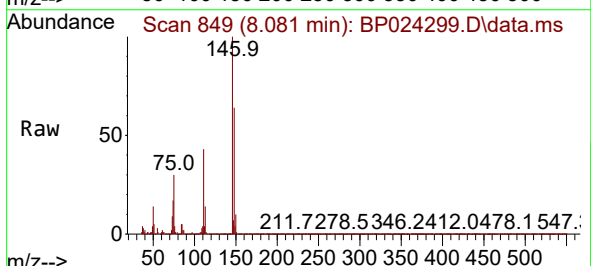
Tgt Ion:146 Resp: 741903

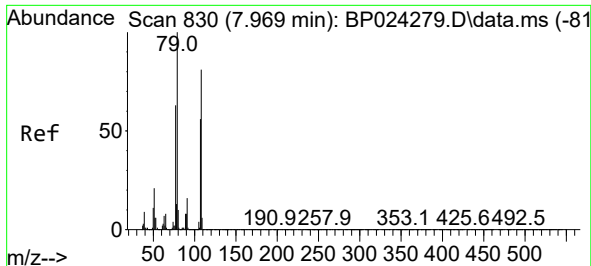
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 43.3 33.8 50.8

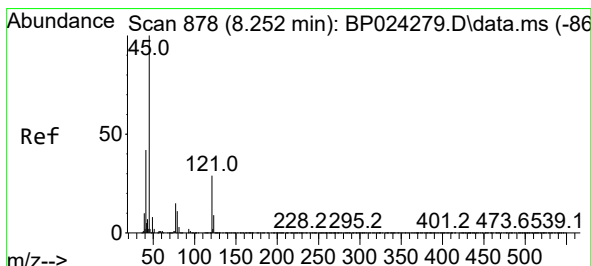
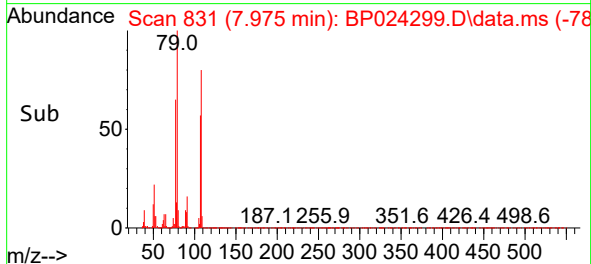
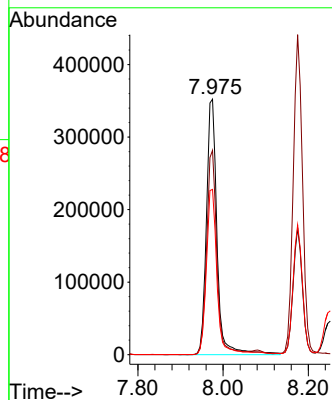
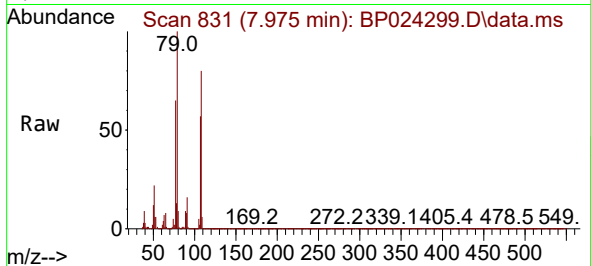




#15
Benzyl Alcohol
Concen: 43.763 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

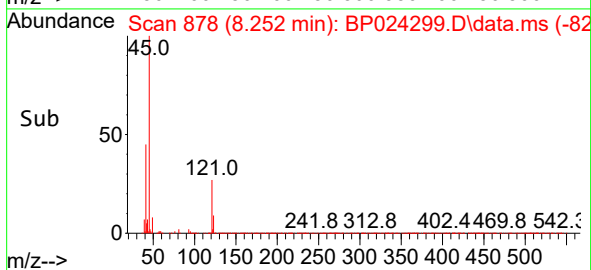
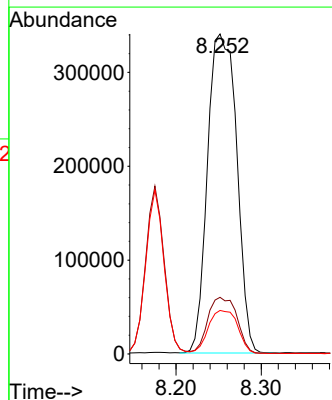
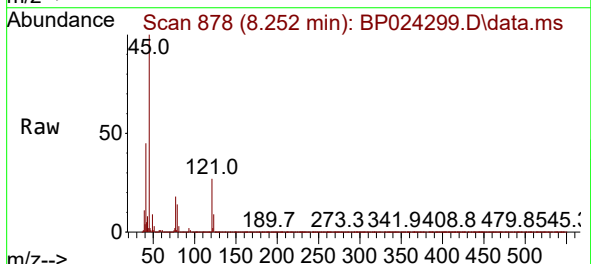
Instrument :
BNA_P
ClientSampleId :
TP-1MS

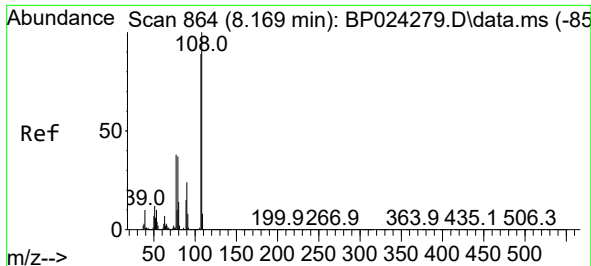
Tgt Ion: 79 Resp: 608927
Ion Ratio Lower Upper
79 100
108 79.9 65.1 97.7
77 64.7 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.921 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion: 45 Resp: 806776
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.6 0.0 33.5

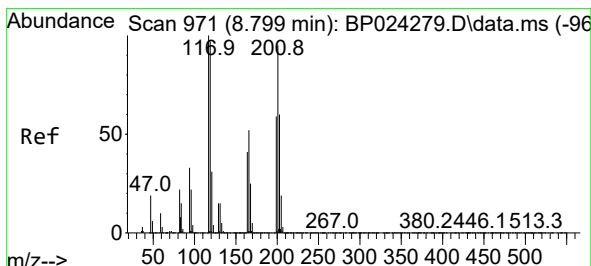
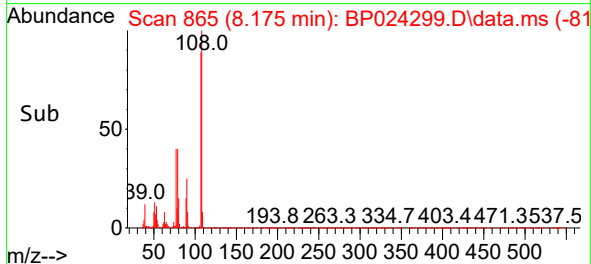
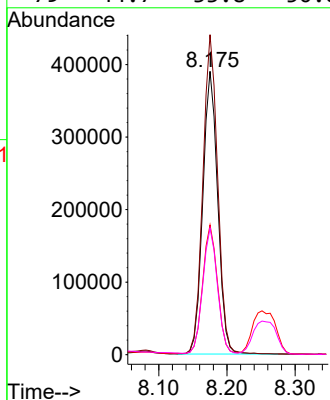
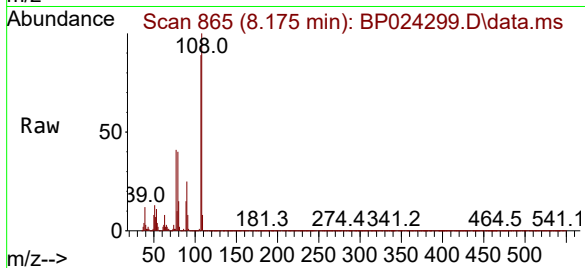




#17
2-Methylphenol
Concen: 42.429 ng
RT: 8.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

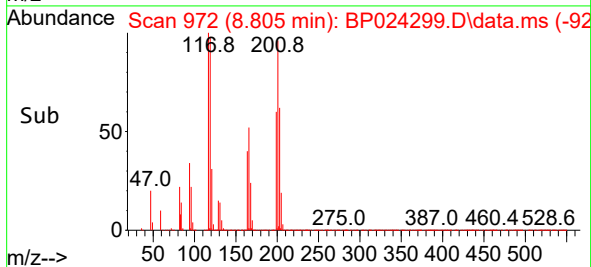
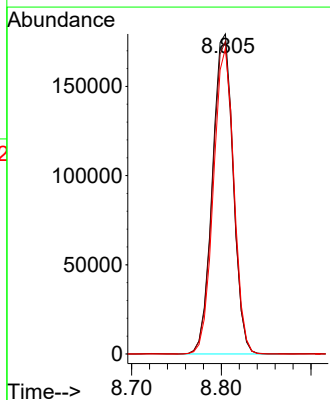
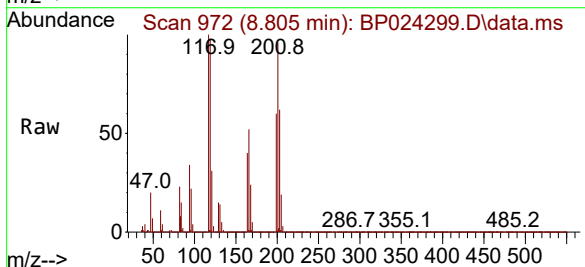
Instrument :
BNA_P
ClientSampleId :
TP-1MS

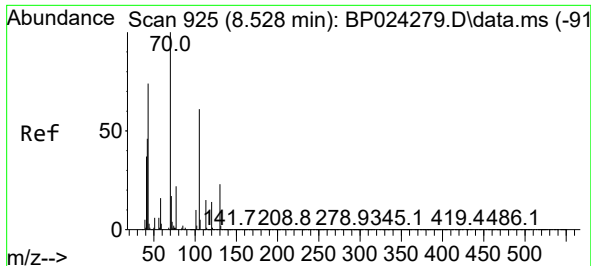
Tgt Ion:107 Resp: 592412
Ion Ratio Lower Upper
107 100
108 112.9 89.8 134.6
77 45.8 34.2 51.4
79 44.7 33.8 50.8



#18
Hexachloroethane
Concen: 41.774 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:117 Resp: 289297
Ion Ratio Lower Upper
117 100
119 97.7 77.8 116.6
201 95.5 75.9 113.9

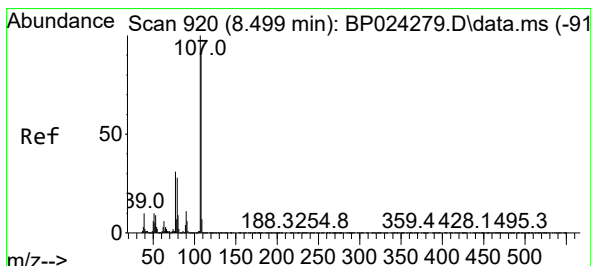
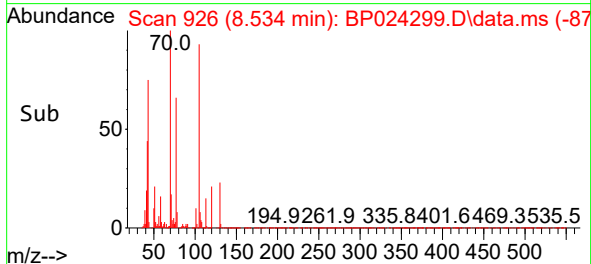
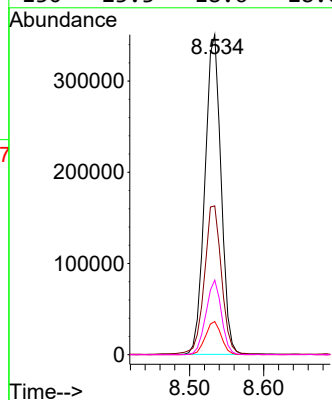
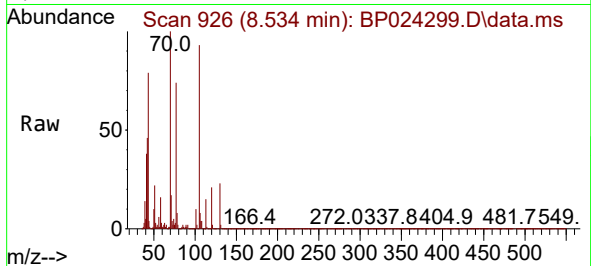




#19
n-Nitroso-di-n-propylamine
Concen: 39.747 ng
RT: 8.534 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

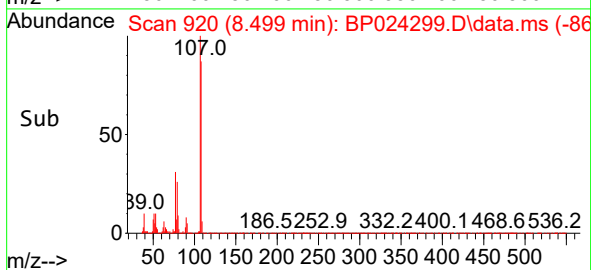
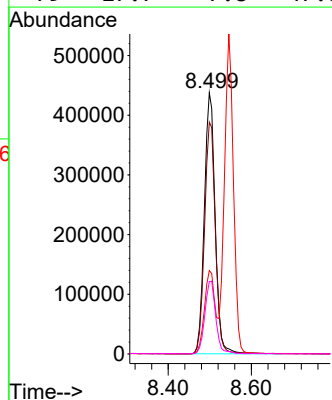
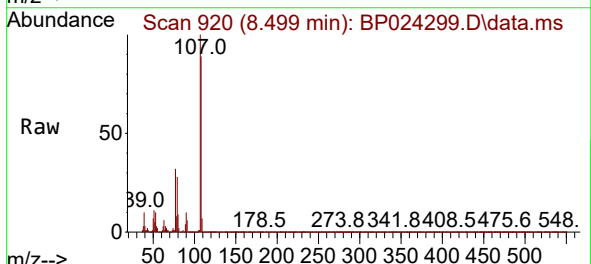
Instrument :
BNA_P
ClientSampleId :
TP-1MS

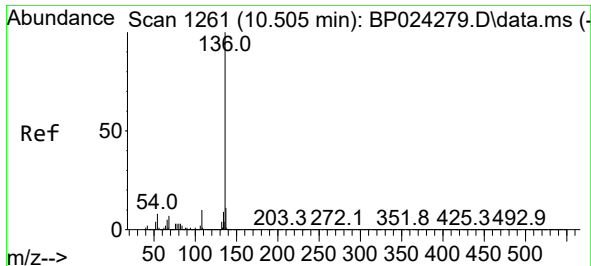
Tgt Ion: 70 Resp: 529070
Ion Ratio Lower Upper
70 100
42 46.5 37.3 55.9
101 10.3 8.2 12.4
130 23.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 40.744 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion: 107 Resp: 789344
Ion Ratio Lower Upper
107 100
108 88.7 69.8 109.8
77 31.9 11.5 51.5
79 27.7 7.8 47.8

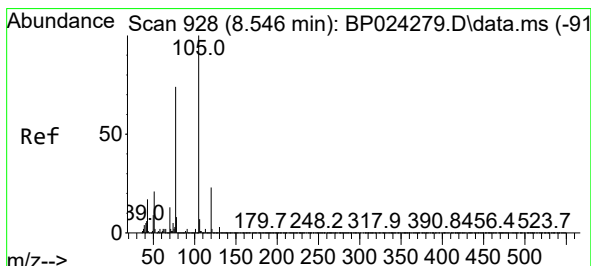
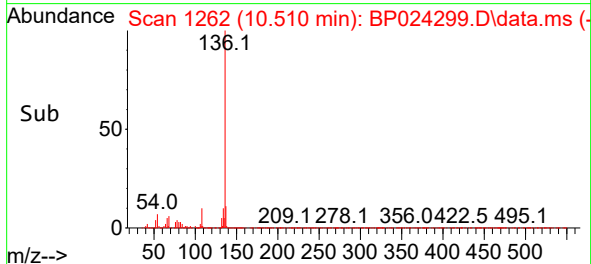
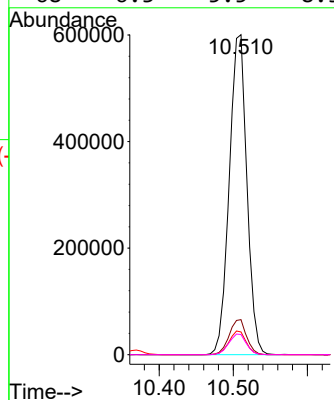
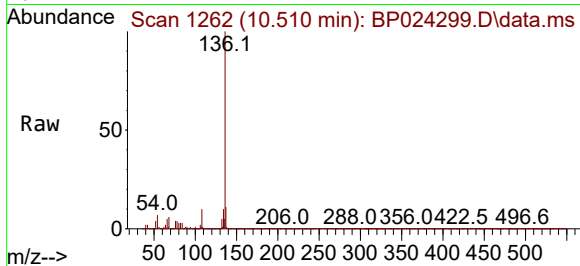




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

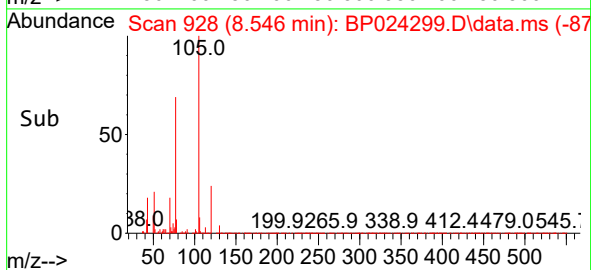
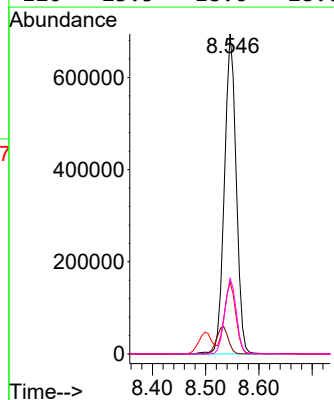
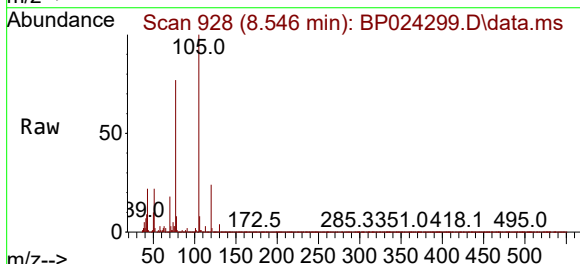
Instrument :
BNA_P
ClientSampleId :
TP-1MS

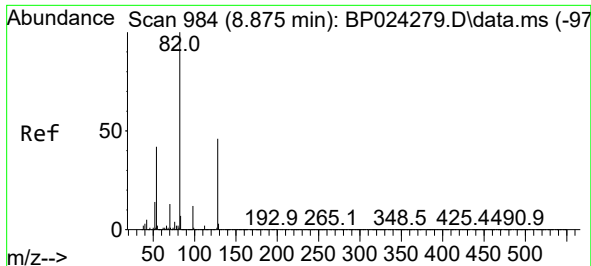
Tgt Ion:	136	Resp:	990490
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	7.1	6.0	9.0
68	6.3	5.5	8.3



#22
Acetophenone
Concen: 43.483 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:	105	Resp:	1066007
Ion Ratio	Lower	Upper	
105	100		
71	3.0	1.7	2.5
51	22.4	16.9	25.3
120	23.5	18.6	28.0

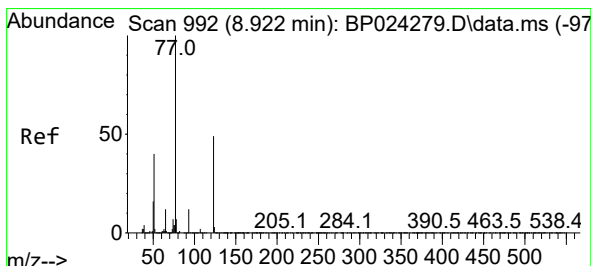
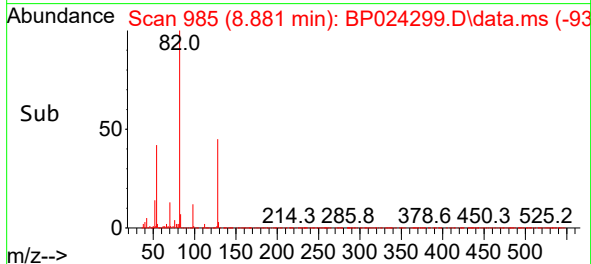
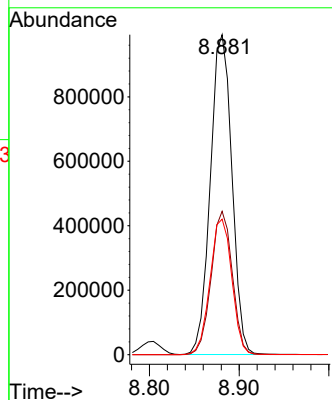
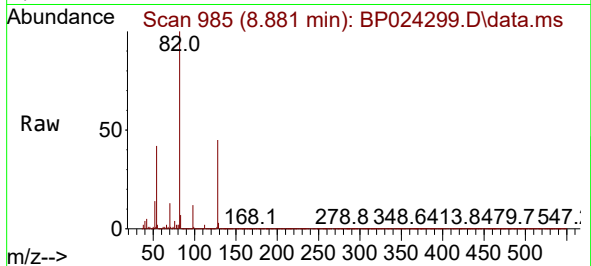




#23
Nitrobenzene-d5
Concen: 95.391 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

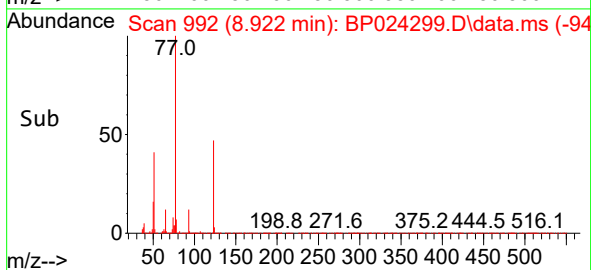
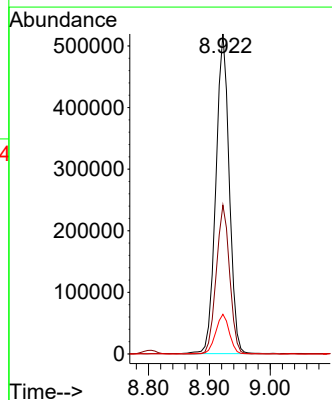
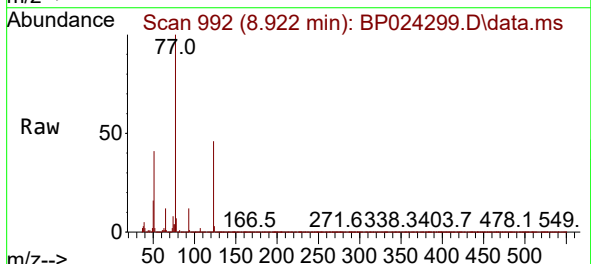
Instrument :
BNA_P
ClientSampleId :
TP-1MS

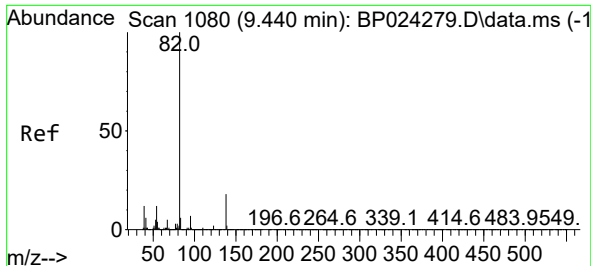
Tgt Ion: 82 Resp: 1656996
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 42.4 33.4 50.2



#24
Nitrobenzene
Concen: 46.246 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion: 77 Resp: 794679
Ion Ratio Lower Upper
77 100
123 46.5 39.2 58.8
65 12.4 9.8 14.6

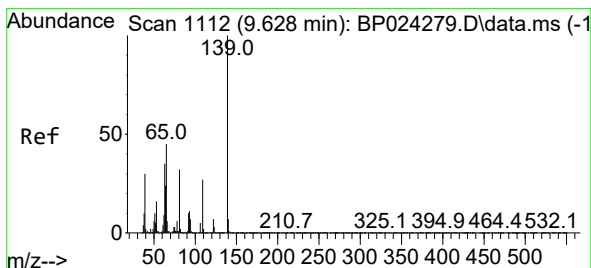
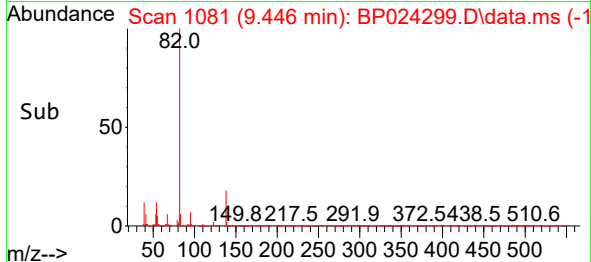
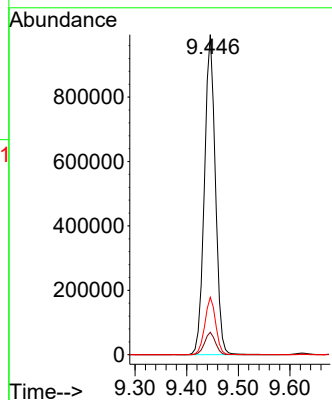
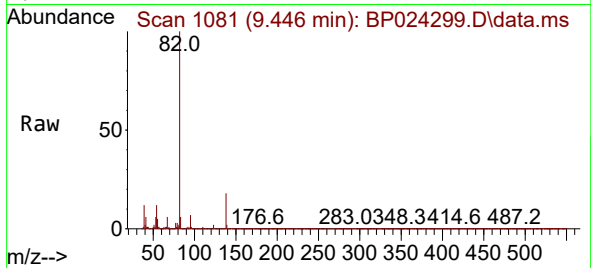




#25
Isophorone
Concen: 46.367 ng
RT: 9.446 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

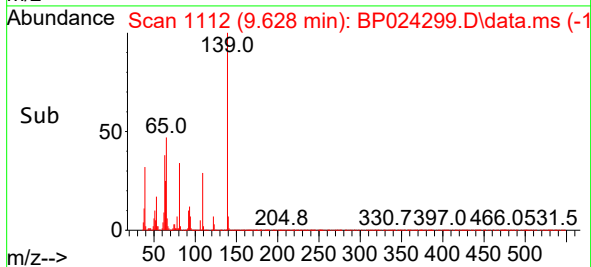
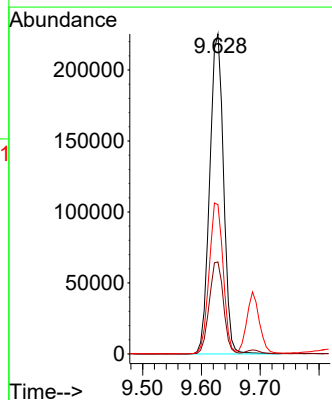
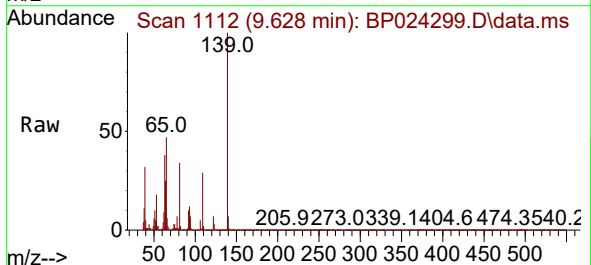
Instrument :
BNA_P
ClientSampleId :
TP-1MS

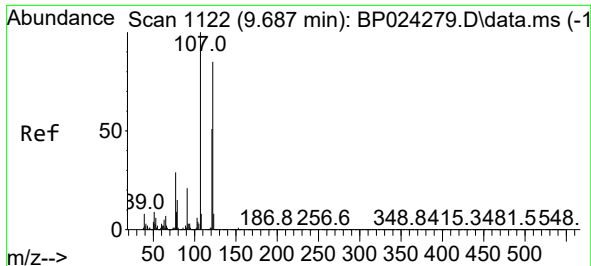
Tgt Ion: 82 Resp: 1457863
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.0 14.4 21.6



#26
2-Nitrophenol
Concen: 43.857 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:139 Resp: 368809
Ion Ratio Lower Upper
139 100
109 28.7 21.8 32.6
65 46.7 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 62.710 ng

RT: 9.687 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

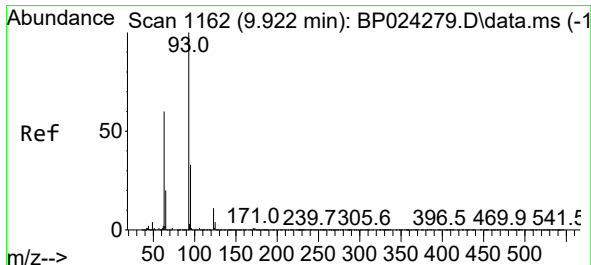
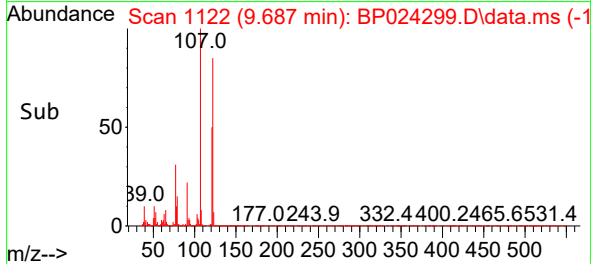
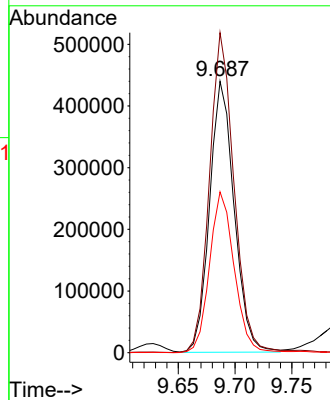
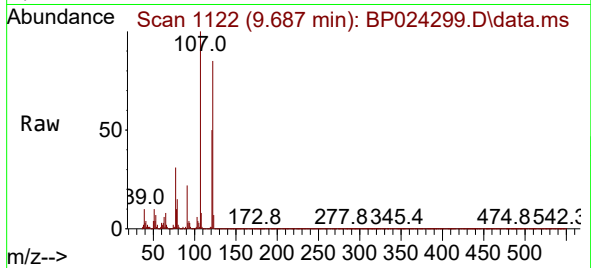
Tgt Ion:122 Resp: 662153

Ion Ratio Lower Upper

122 100

107 117.9 93.7 140.5

121 59.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.907 ng

RT: 9.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

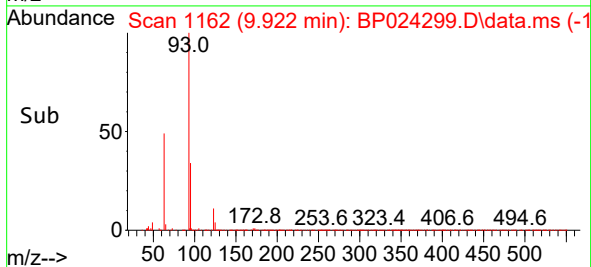
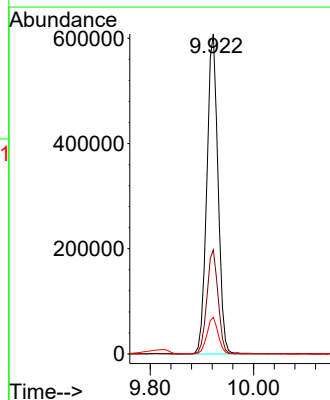
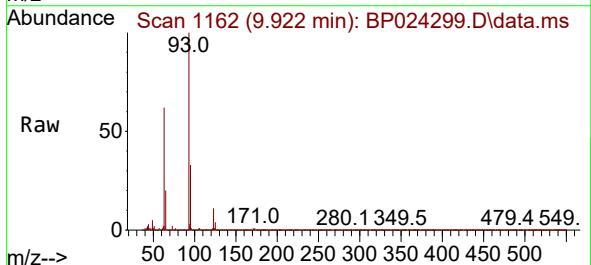
Tgt Ion: 93 Resp: 911362

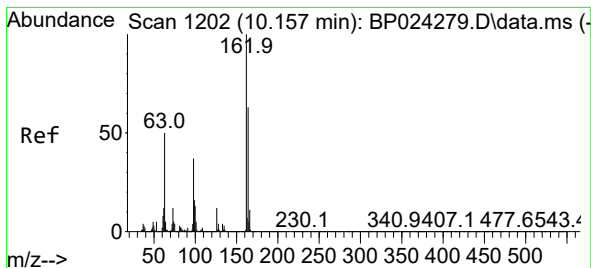
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.231 ng

RT: 10.163 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

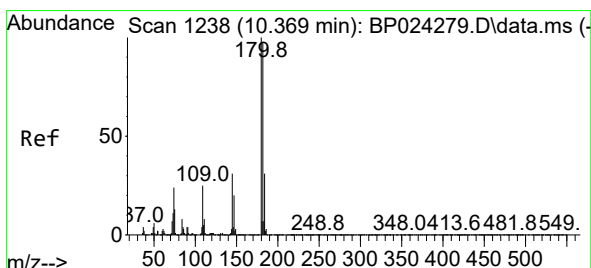
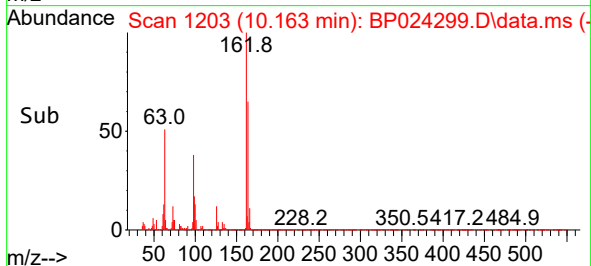
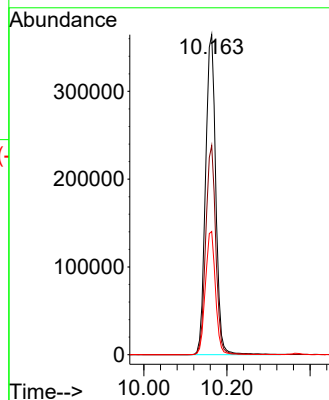
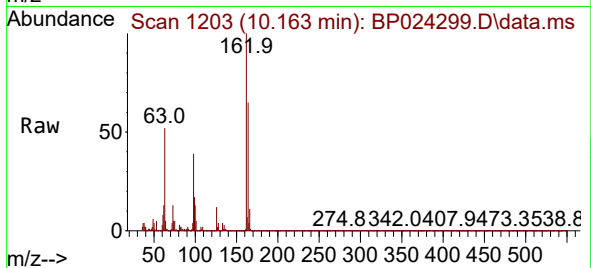
Tgt Ion:162 Resp: 622401

Ion Ratio Lower Upper

162 100

164 65.4 43.3 83.3

98 38.5 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.166 ng

RT: 10.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

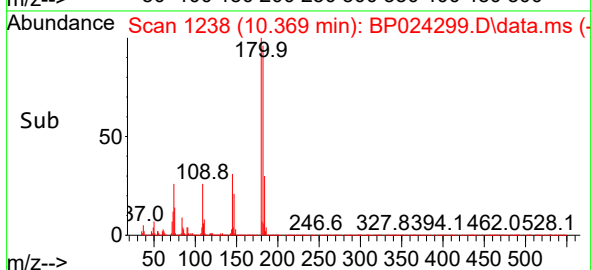
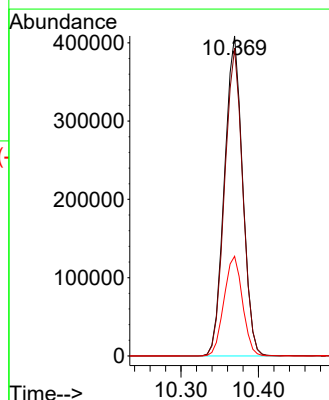
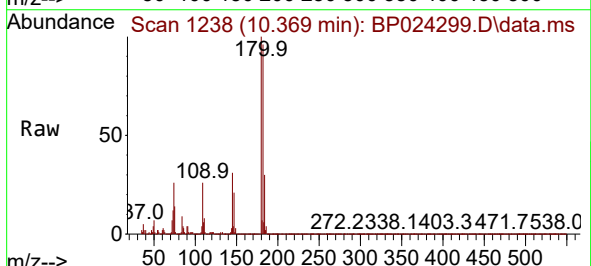
Tgt Ion:180 Resp: 665853

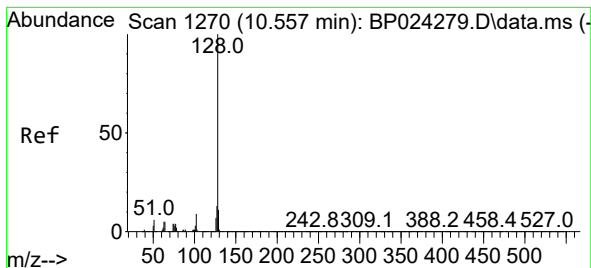
Ion Ratio Lower Upper

180 100

182 96.1 77.3 115.9

145 31.2 25.1 37.7

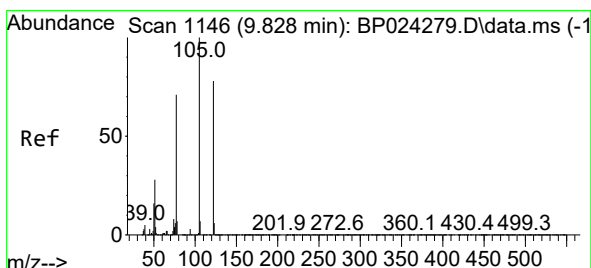
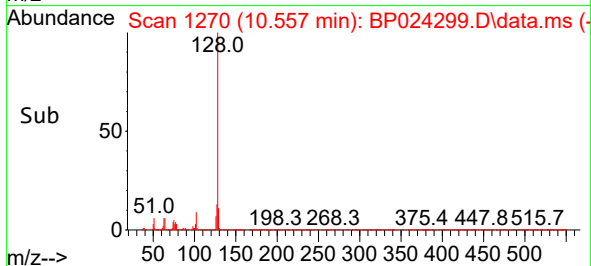
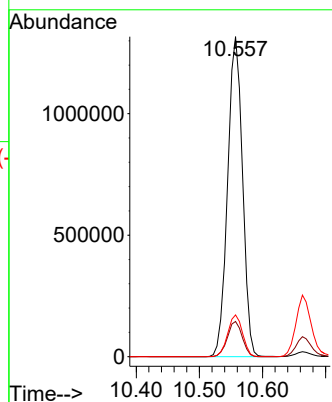
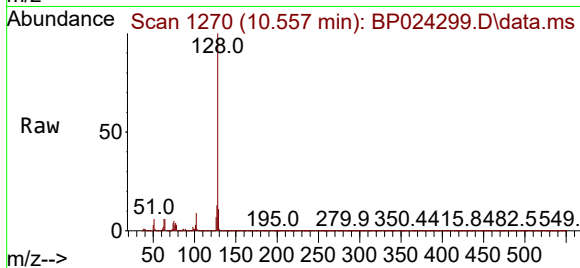




#31
Naphthalene
Concen: 41.250 ng
RT: 10.557 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

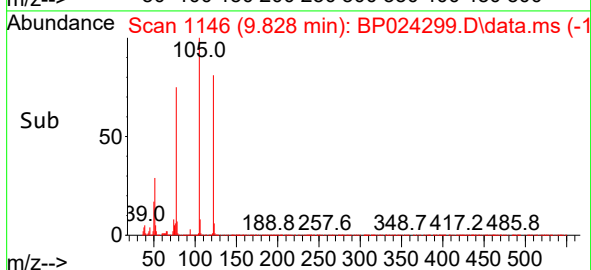
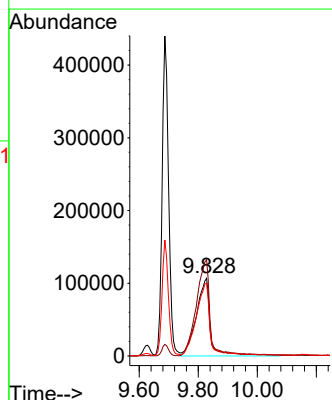
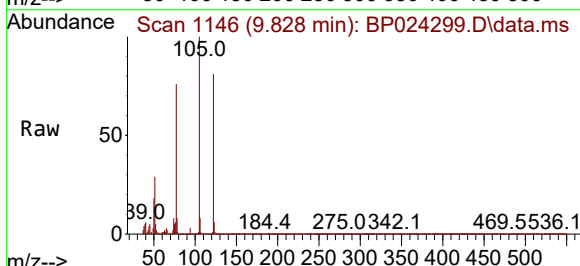
Instrument :
BNA_P
ClientSampleId :
TP-1MS

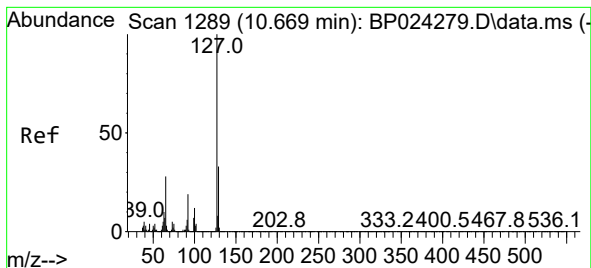
Tgt Ion:128 Resp: 2152241
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 29.159 ng m
RT: 9.828 min Scan# 1146
Delta R.T. -0.047 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:122 Resp: 358757
Ion Ratio Lower Upper
122 100
105 123.8 104.8 144.8
77 93.7 69.2 109.2





#33

4-Chloroaniline

Concen: 23.877 ng

RT: 10.663 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

Tgt Ion:127 Resp: 438717

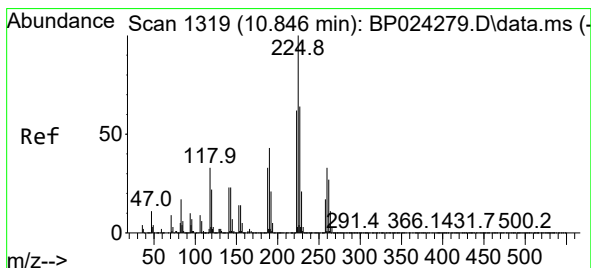
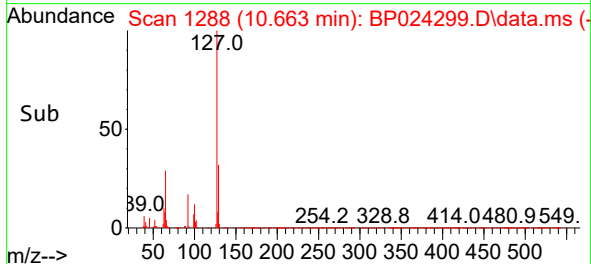
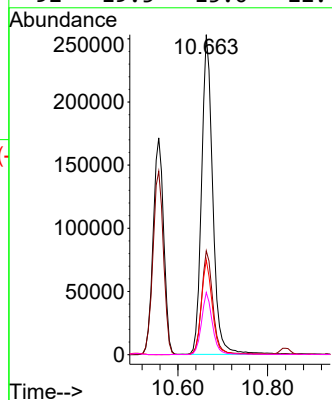
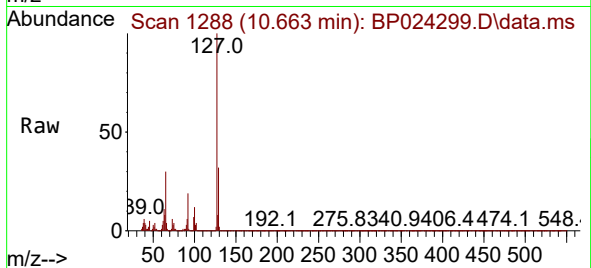
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 29.6 22.1 33.1

92 19.5 15.0 22.4



#34

Hexachlorobutadiene

Concen: 43.720 ng

RT: 10.840 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

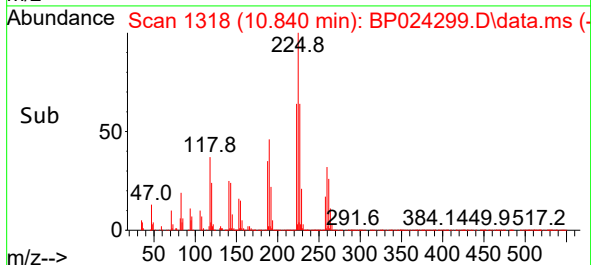
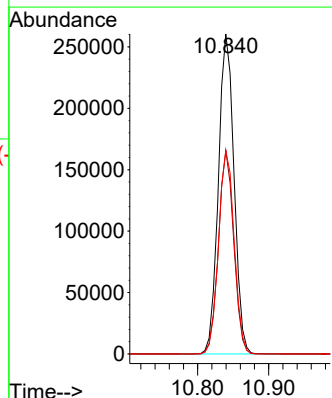
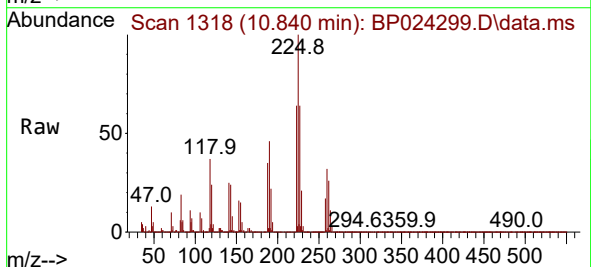
Tgt Ion:225 Resp: 396300

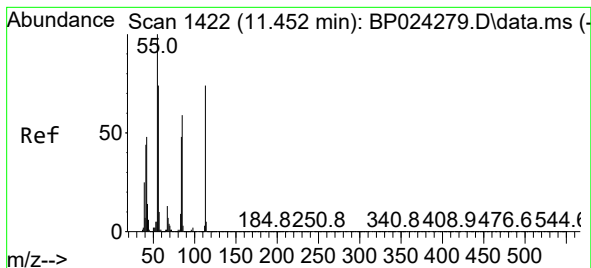
Ion Ratio Lower Upper

225 100

223 63.6 49.5 74.3

227 63.5 50.9 76.3

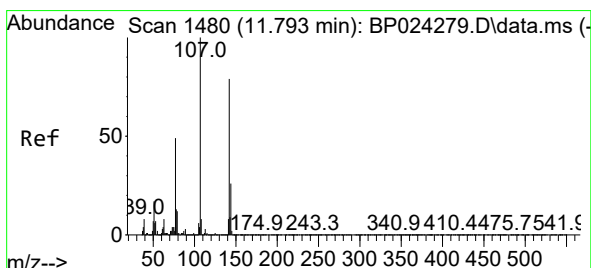
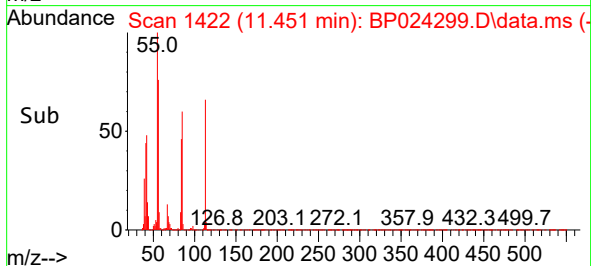
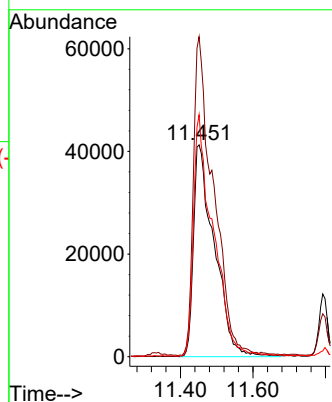
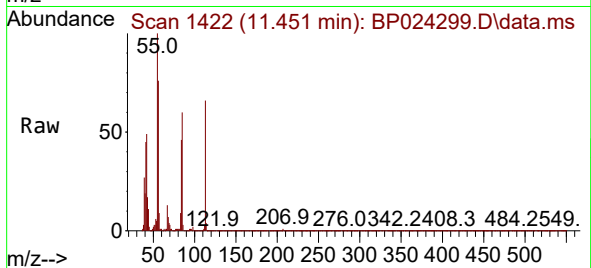




#35
Caprolactam
Concen: 30.824 ng
RT: 11.451 min Scan# 1422
Delta R.T. -0.029 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

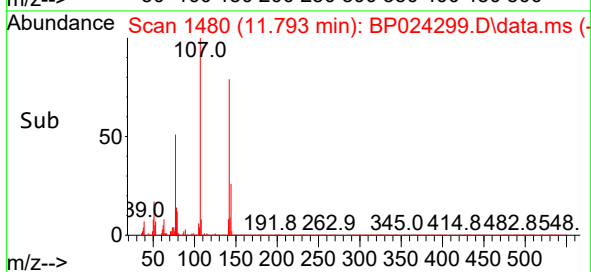
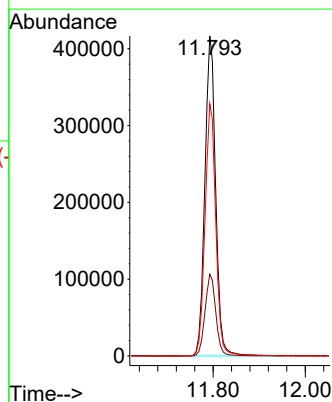
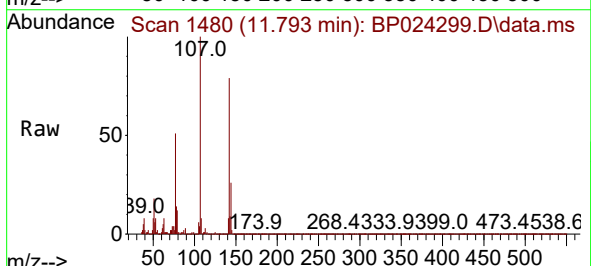
Instrument :
BNA_P
ClientSampleId :
TP-1MS

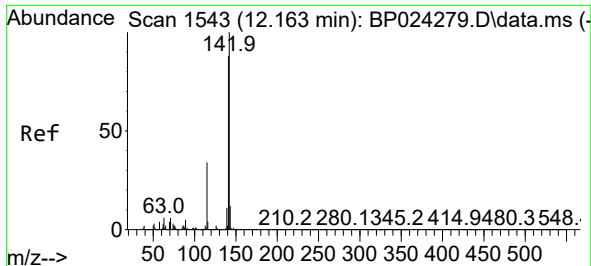
Tgt Ion:113 Resp: 163748
Ion Ratio Lower Upper
113 100
55 151.0 115.9 155.9
56 114.2 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 40.588 ng
RT: 11.793 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:107 Resp: 680639
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 78.8 63.4 95.2

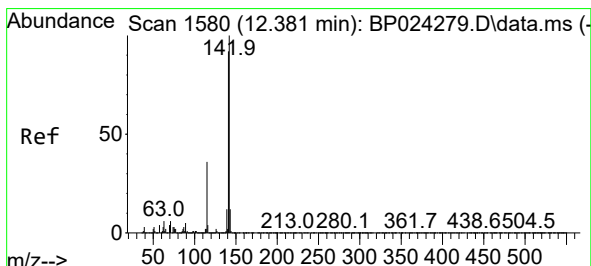
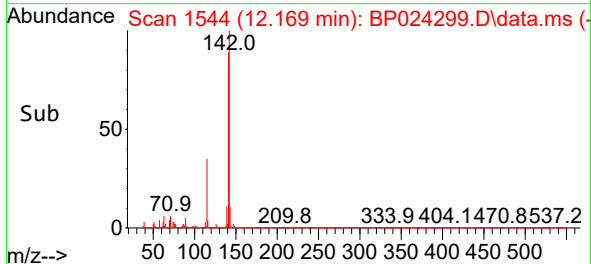
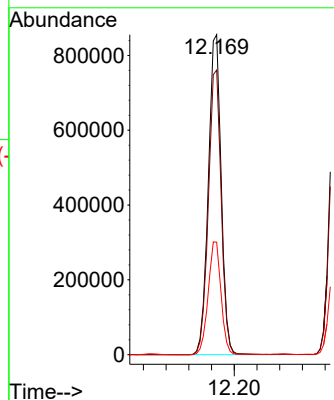
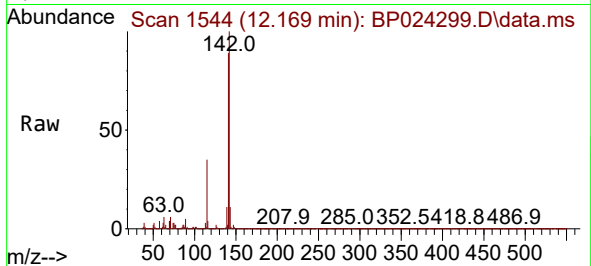




#37
2-Methylnaphthalene
Concen: 36.921 ng
RT: 12.169 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

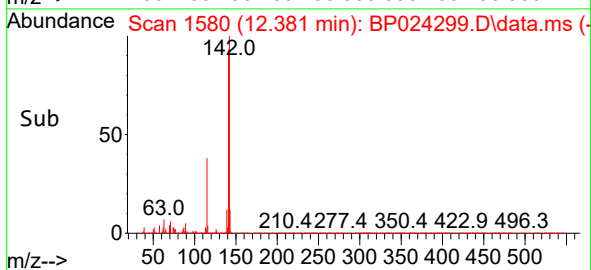
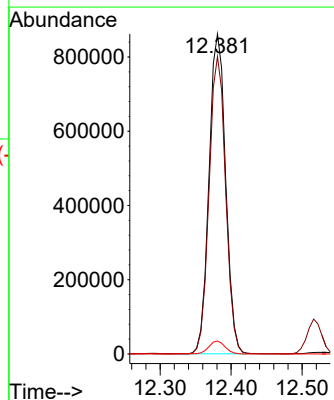
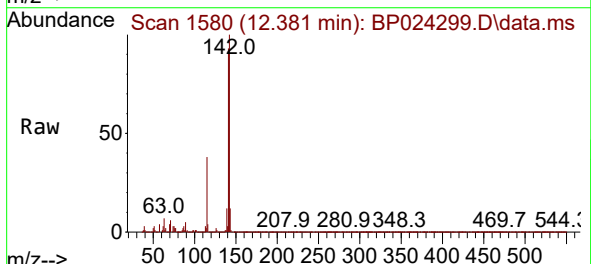
Instrument :
BNA_P
ClientSampleId :
TP-1MS

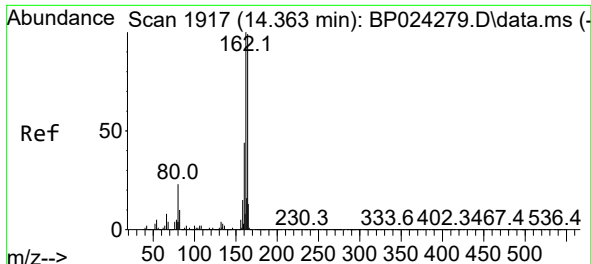
Tgt Ion:142 Resp: 1335986
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 35.2 26.9 40.3



#38
1-Methylnaphthalene
Concen: 39.601 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:142 Resp: 1401811
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4
116 4.0 3.0 4.6

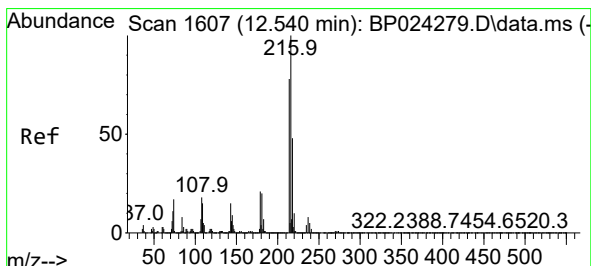
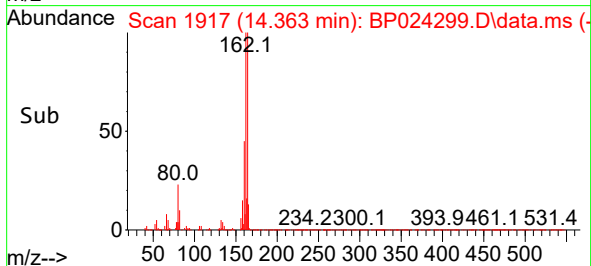
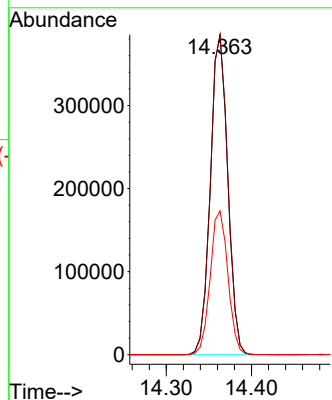
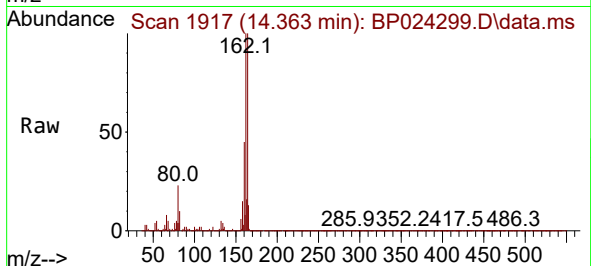




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

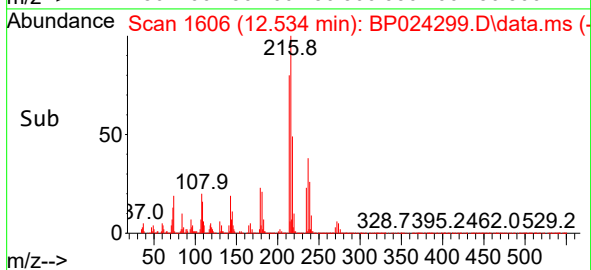
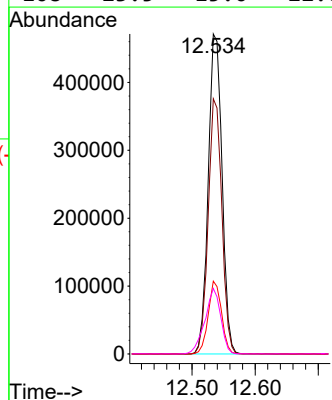
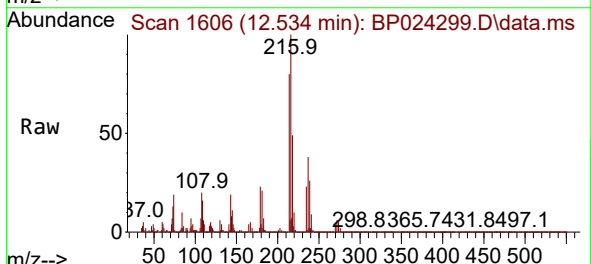
Instrument :
BNA_P
ClientSampleId :
TP-1MS

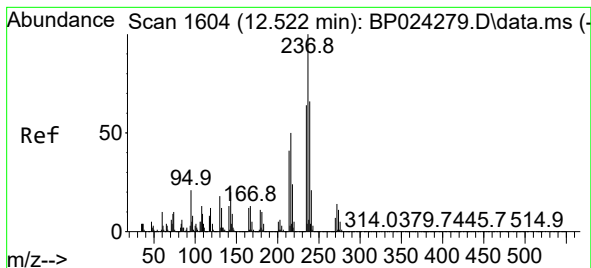
Tgt Ion:164 Resp: 544881
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 45.0 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.841 ng
RT: 12.534 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:216 Resp: 716863
Ion Ratio Lower Upper
216 100
214 78.8 62.6 93.8
179 22.0 17.2 25.8
108 23.5 15.0 22.6#





#41

Hexachlorocyclopentadiene

Concen: 194.146 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

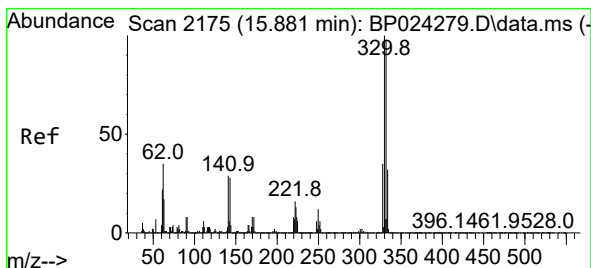
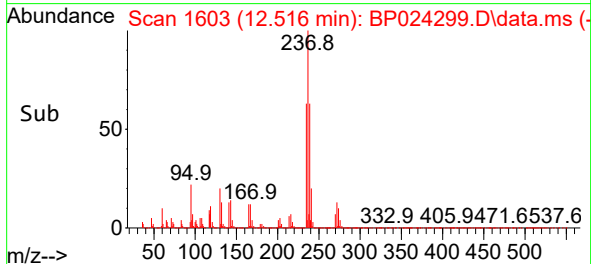
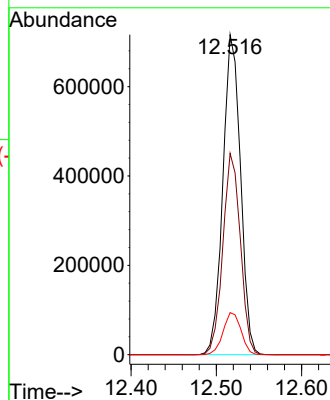
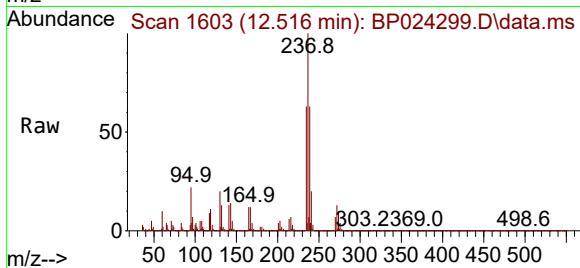
Tgt Ion:237 Resp: 1028887

Ion Ratio Lower Upper

237 100

235 62.9 43.9 83.9

272 13.1 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 124.932 ng

RT: 15.886 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

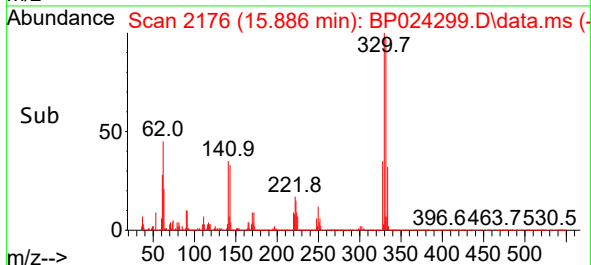
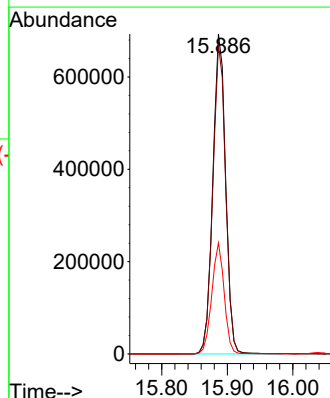
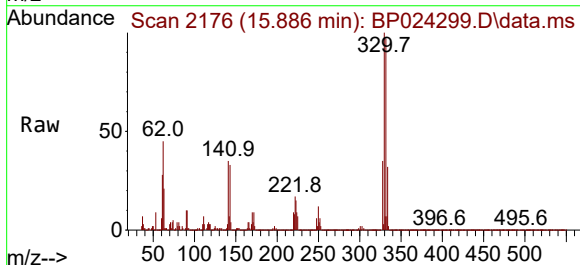
Tgt Ion:330 Resp: 941827

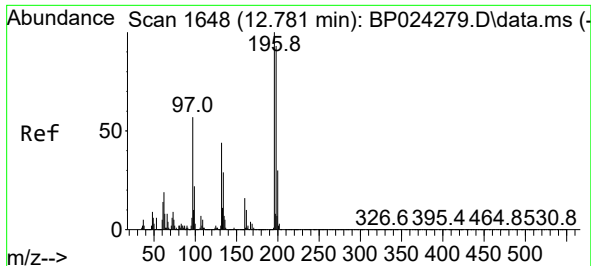
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 33.6 24.7 37.1

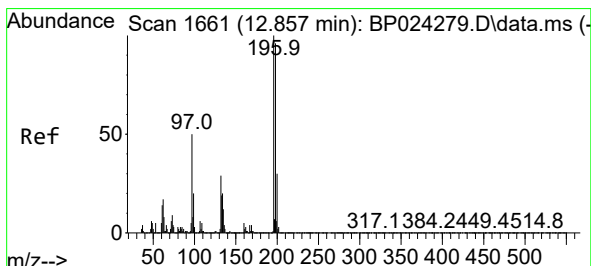
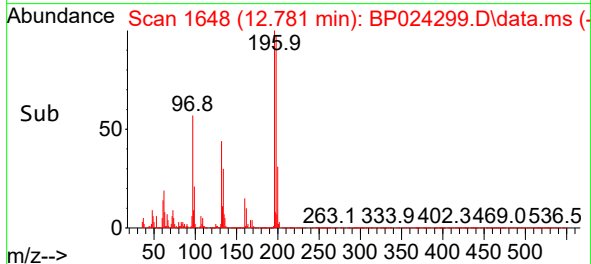
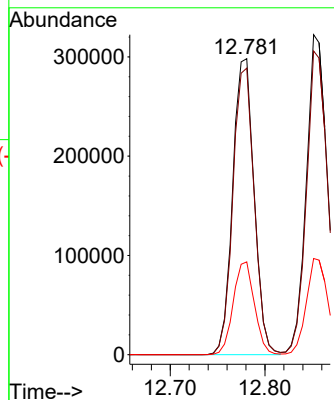
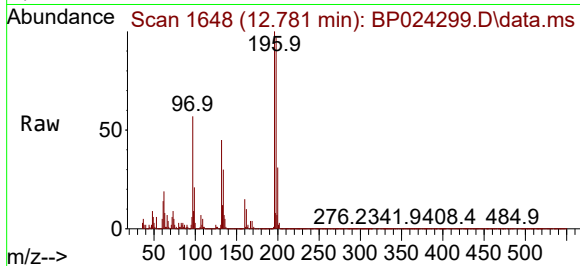




#43
2,4,6-Trichlorophenol
Concen: 47.045 ng
RT: 12.781 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

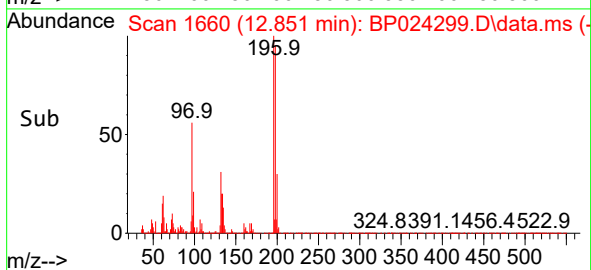
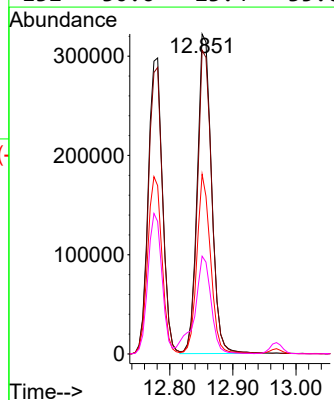
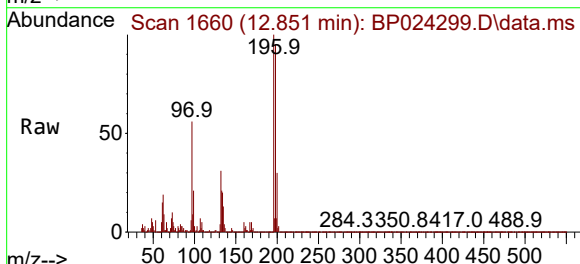
Instrument :
BNA_P
ClientSampleId :
TP-1MS

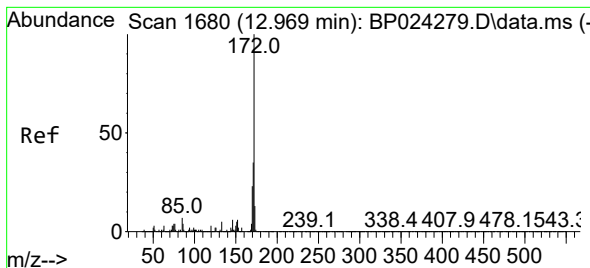
Tgt Ion:196 Resp: 468676
Ion Ratio Lower Upper
196 100
198 96.8 74.3 111.5
200 31.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 45.944 ng
RT: 12.851 min Scan# 1660
Delta R.T. -0.018 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:196 Resp: 506852
Ion Ratio Lower Upper
196 100
198 94.9 77.3 115.9
97 56.2 40.4 60.6
132 30.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 88.671 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

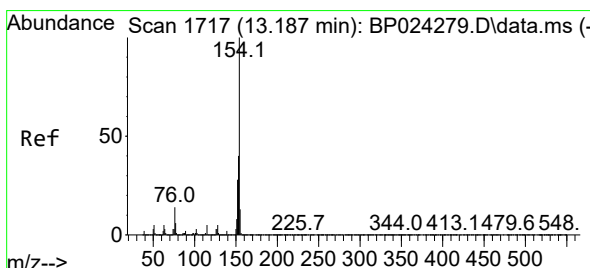
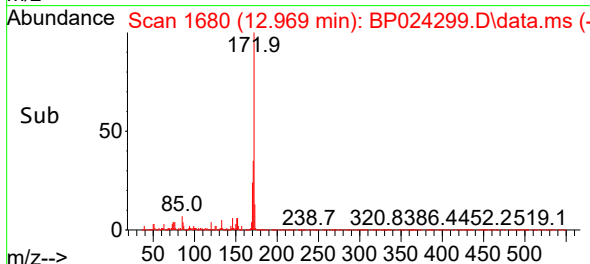
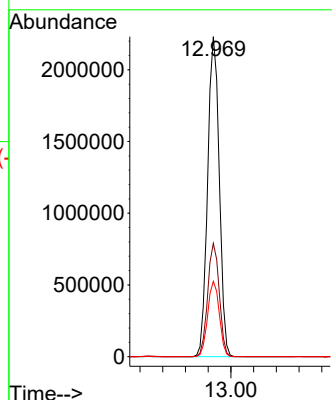
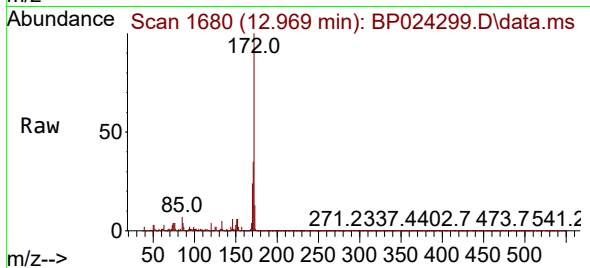
Tgt Ion:172 Resp: 3155566

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 46.152 ng

RT: 13.181 min Scan# 1716

Delta R.T. -0.018 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

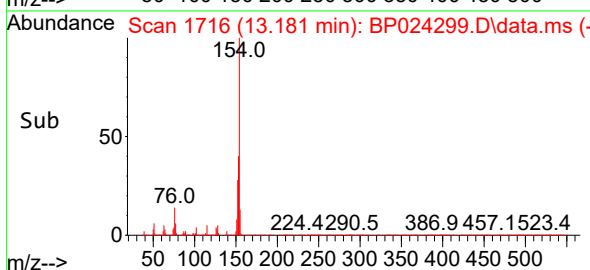
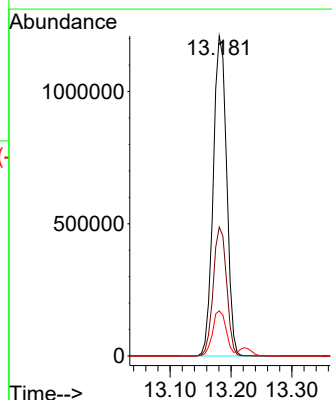
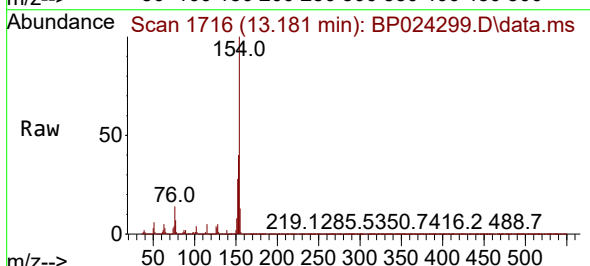
Tgt Ion:154 Resp: 1848476

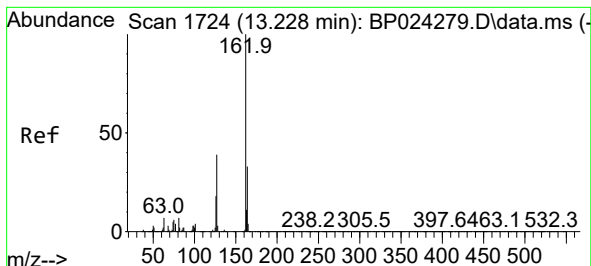
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 14.1 0.0 33.5





#47

2-Chloronaphthalene

Concen: 46.892 ng

RT: 13.222 min Scan# 1723

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

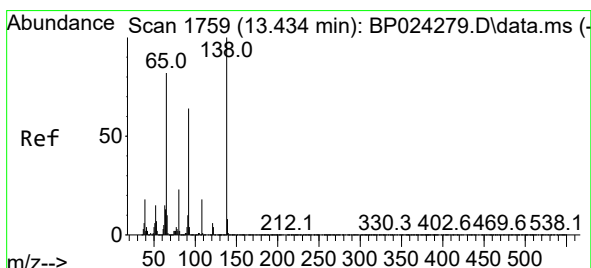
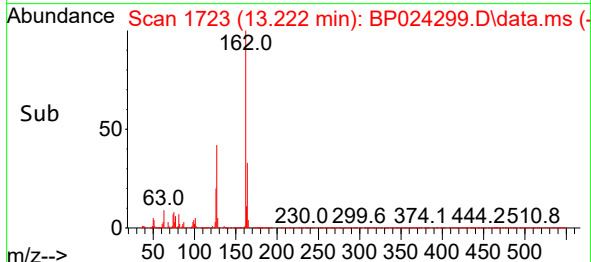
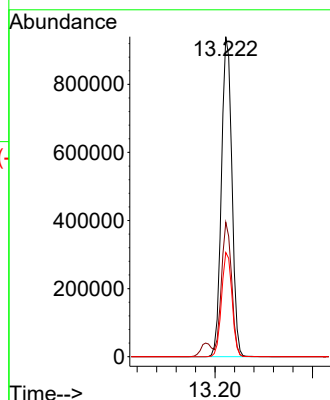
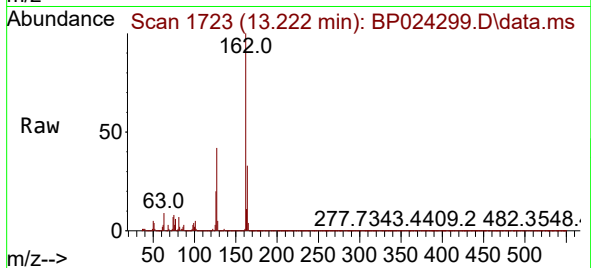
Tgt Ion:162 Resp: 1403661

Ion Ratio Lower Upper

162 100

127 42.0 31.9 47.9

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 50.723 ng

RT: 13.428 min Scan# 1758

Delta R.T. -0.018 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

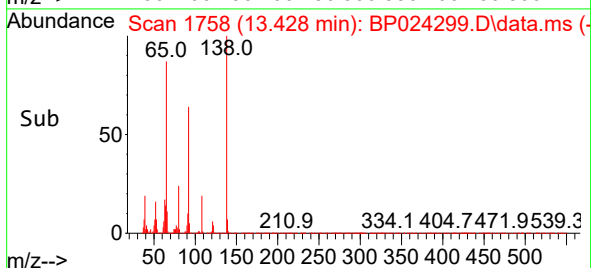
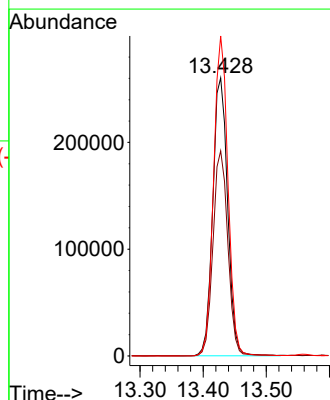
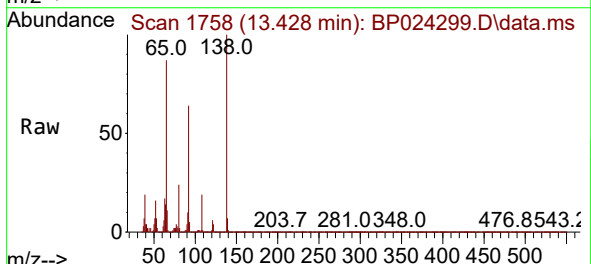
Tgt Ion: 65 Resp: 425898

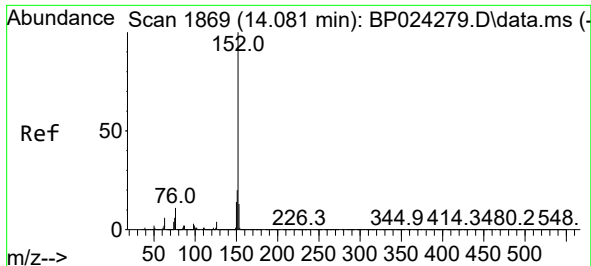
Ion Ratio Lower Upper

65 100

92 73.8 62.3 93.5

138 115.1 97.2 145.8

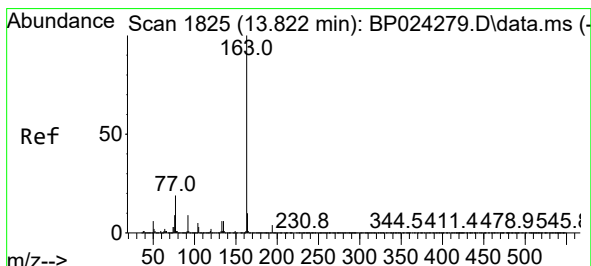
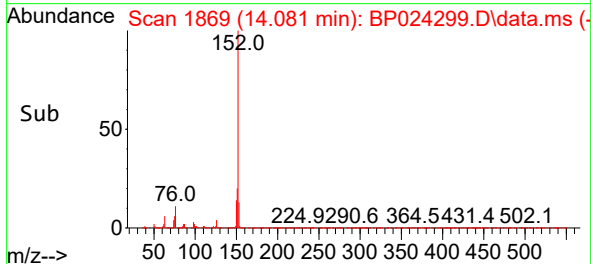
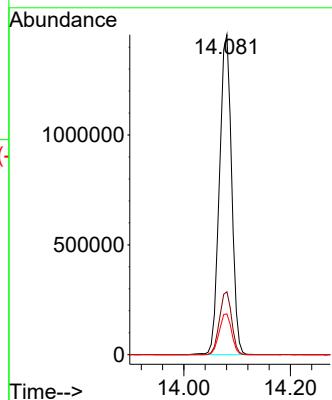
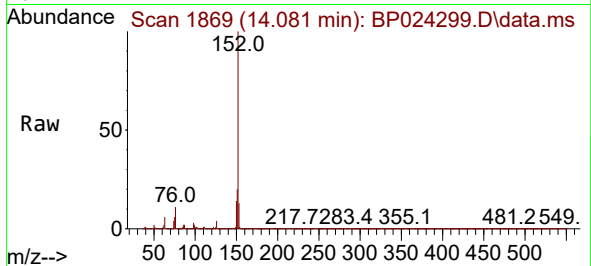




#49
Acenaphthylene
Concen: 48.917 ng
RT: 14.081 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

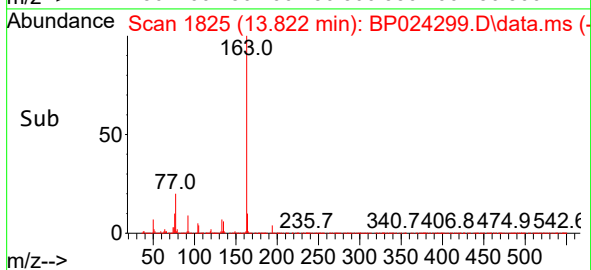
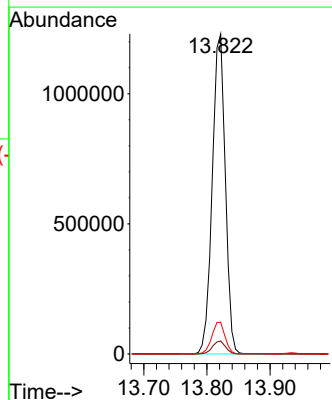
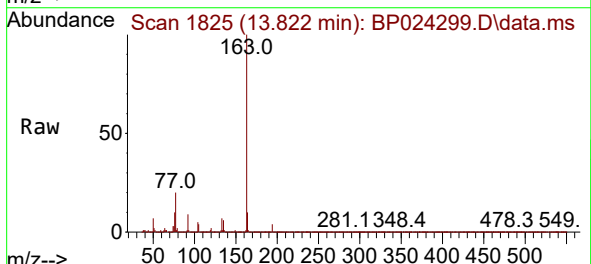
Instrument :
BNA_P
ClientSampleId :
TP-1MS

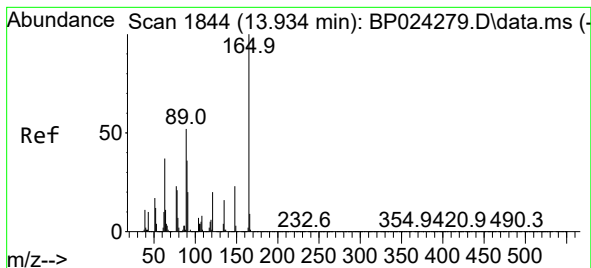
Tgt Ion:152 Resp: 2305418
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.8 10.6 15.8



#50
Dimethylphthalate
Concen: 44.431 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:163 Resp: 1760562
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.9 8.0 12.0

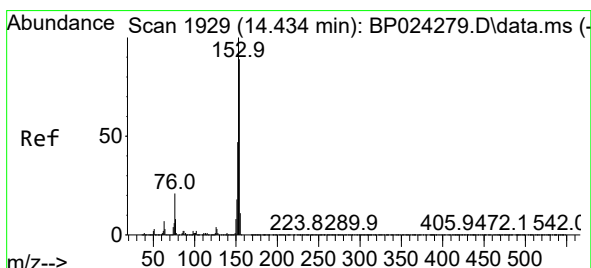
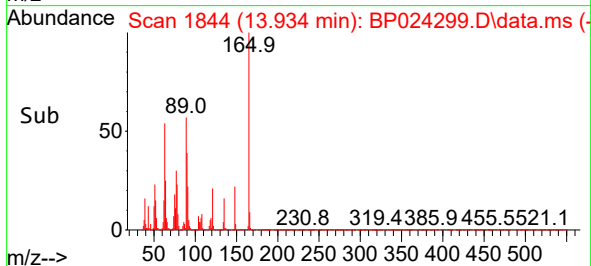
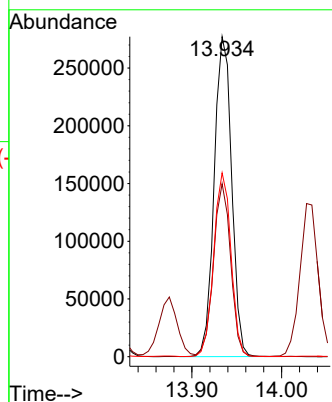
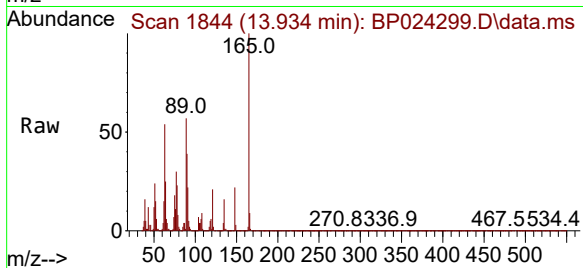




#51
2,6-Dinitrotoluene
Concen: 44.458 ng
RT: 13.934 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

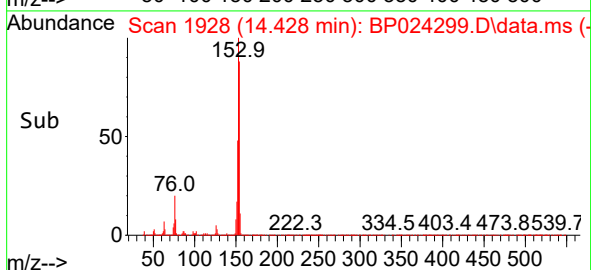
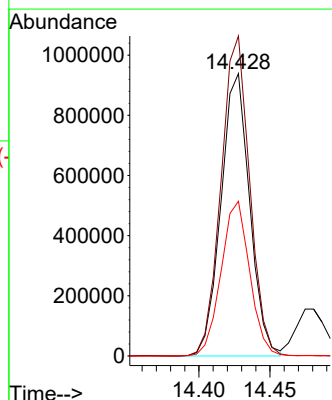
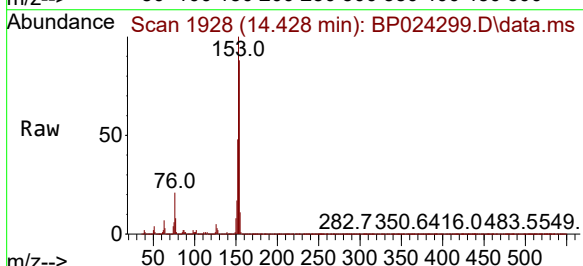
Instrument :
BNA_P
ClientSampleId :
TP-1MS

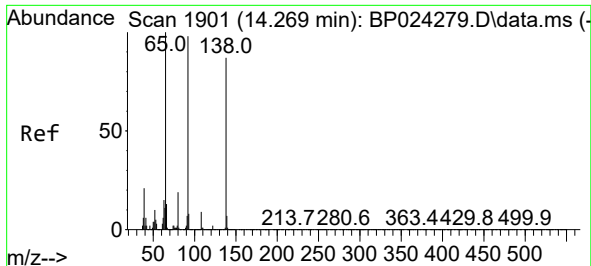
Tgt Ion:165 Resp: 374079
Ion Ratio Lower Upper
165 100
63 54.1 38.0 57.0
89 57.4 41.7 62.5



#52
Acenaphthene
Concen: 44.174 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:154 Resp: 1319835
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.6
152 54.8 42.6 63.8

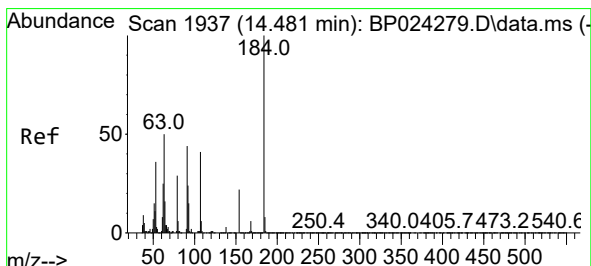
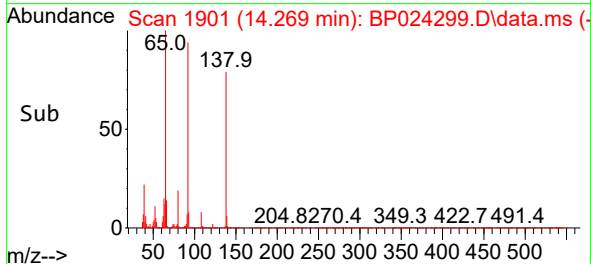
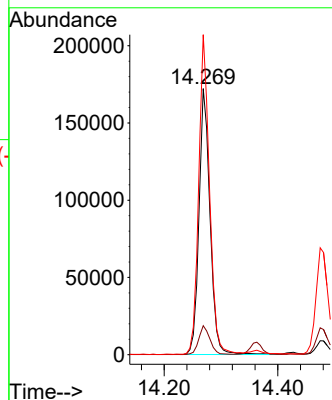
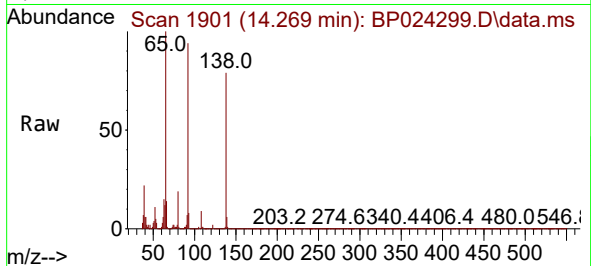




#53
3-Nitroaniline
Concen: 26.438 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

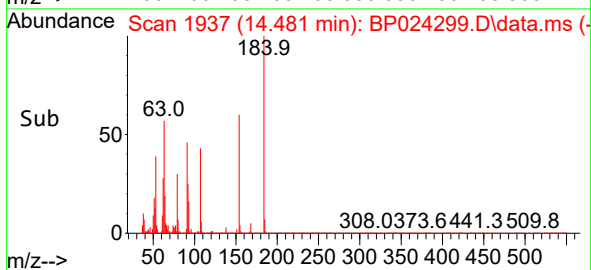
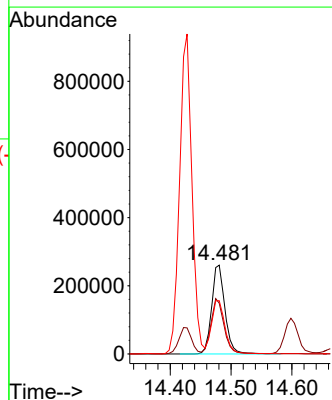
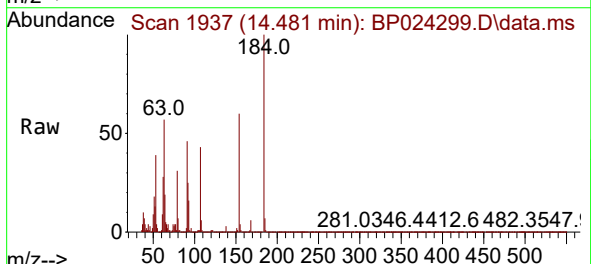
Instrument :
BNA_P
ClientSampleId :
TP-1MS

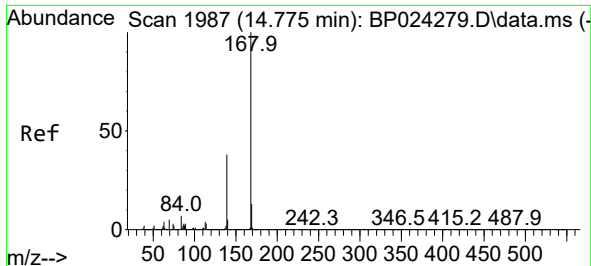
Tgt Ion:138 Resp: 233803
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 120.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 79.433 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:184 Resp: 393698
Ion Ratio Lower Upper
184 100
63 57.2 42.6 64.0
154 60.0 47.2 70.8

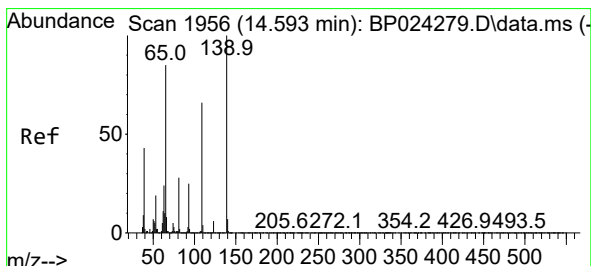
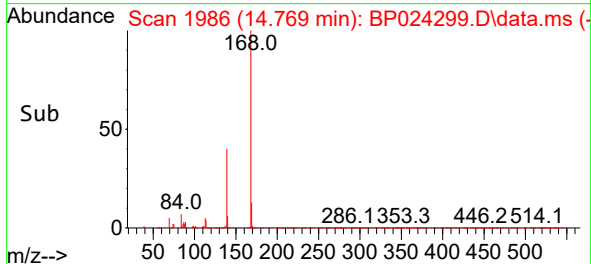
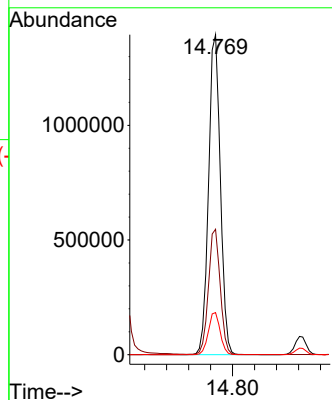
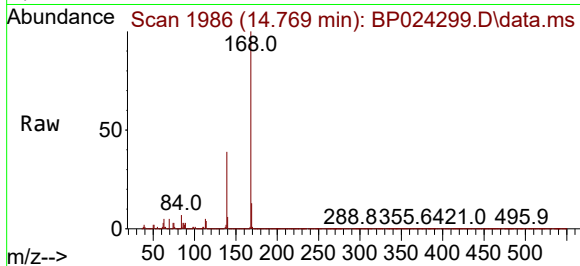




#55
Dibenzofuran
Concen: 42.349 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

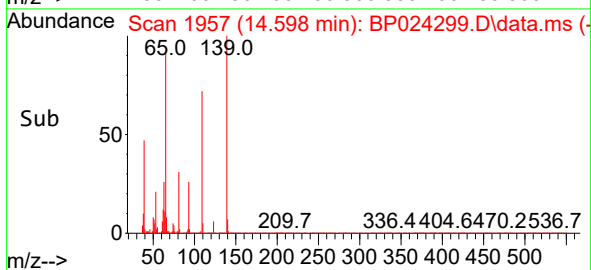
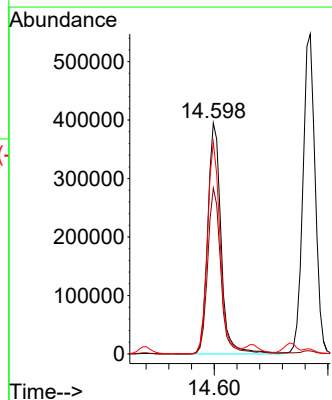
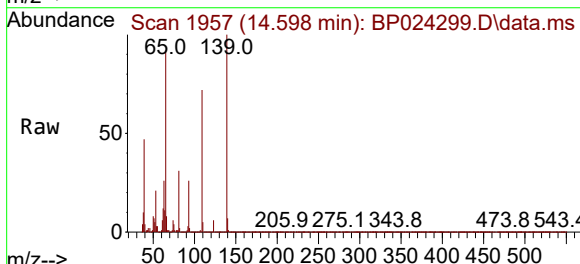
Instrument :
BNA_P
ClientSampleId :
TP-1MS

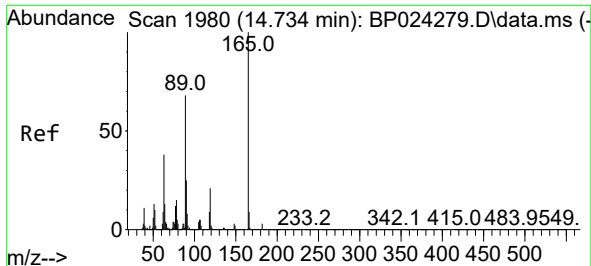
Tgt Ion:168 Resp: 2068250
Ion Ratio Lower Upper
168 100
139 39.2 30.3 45.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 83.770 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:139 Resp: 639809
Ion Ratio Lower Upper
139 100
109 71.8 46.1 86.1
65 91.6 65.0 105.0

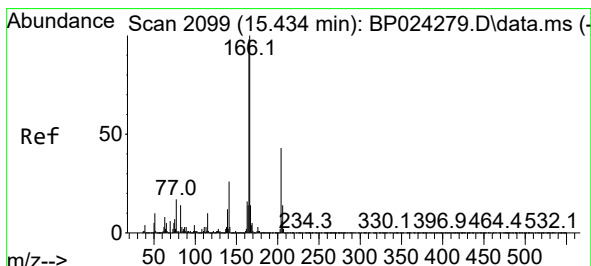
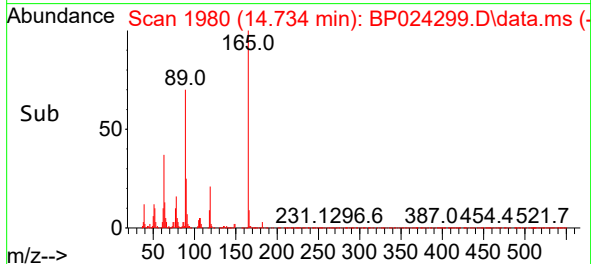
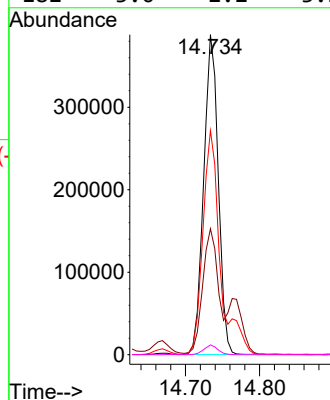
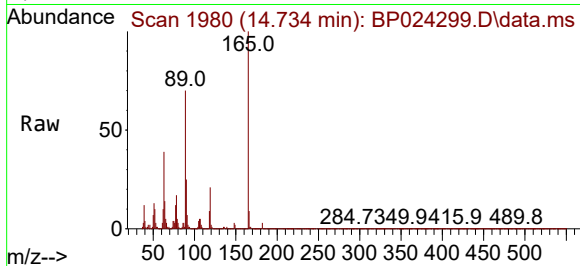




#57
2,4-Dinitrotoluene
Concen: 46.243 ng
RT: 14.734 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

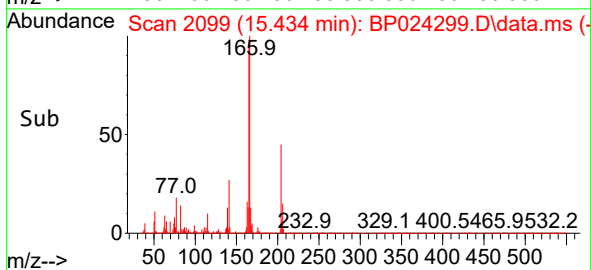
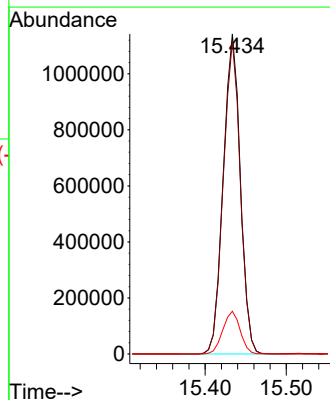
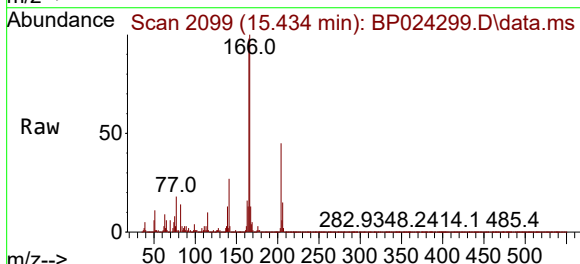
Instrument :
BNA_P
ClientSampleId :
TP-1MS

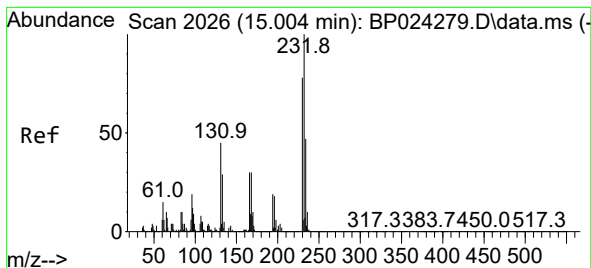
Tgt Ion:165 Resp: 530775
Ion Ratio Lower Upper
165 100
63 39.3 30.4 45.6
89 70.1 54.6 82.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 44.248 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:166 Resp: 1672899
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.555 ng

RT: 14.998 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

Tgt Ion:232 Resp: 432998

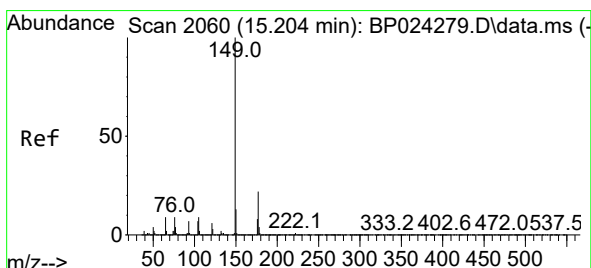
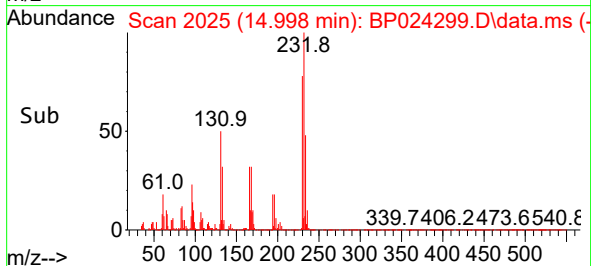
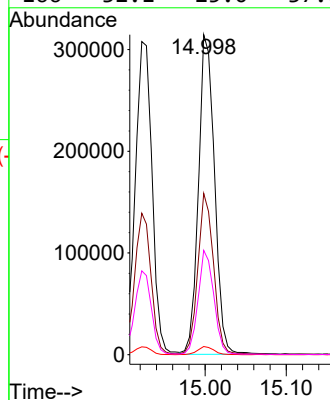
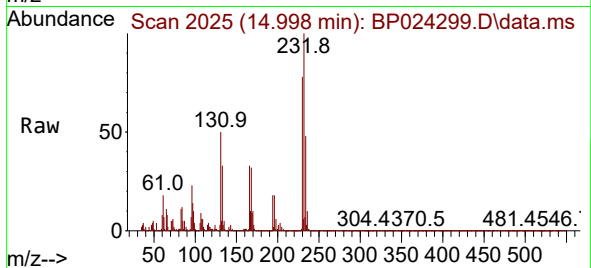
Ion Ratio Lower Upper

232 100

131 49.3 36.8 55.2

130 2.6 1.9 2.9

166 32.1 25.0 37.6



#60

Diethylphthalate

Concen: 43.112 ng

RT: 15.210 min Scan# 2061

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

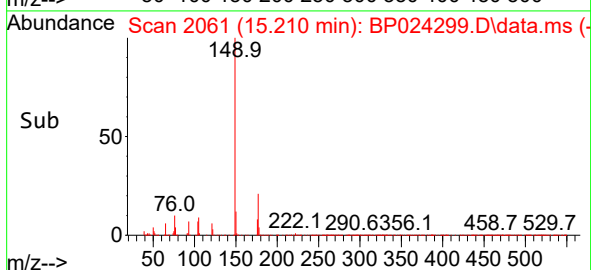
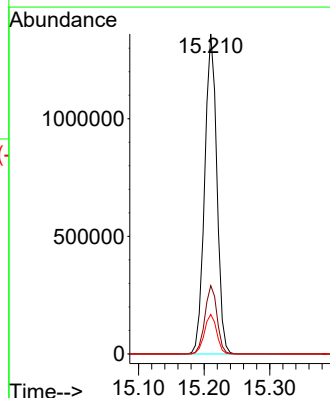
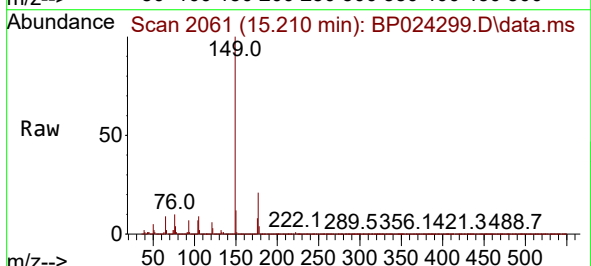
Tgt Ion:149 Resp: 1760423

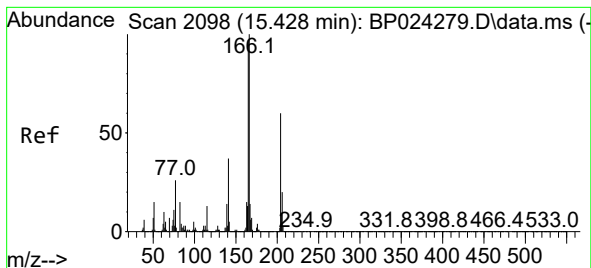
Ion Ratio Lower Upper

149 100

177 21.3 17.4 26.2

150 12.3 10.1 15.1

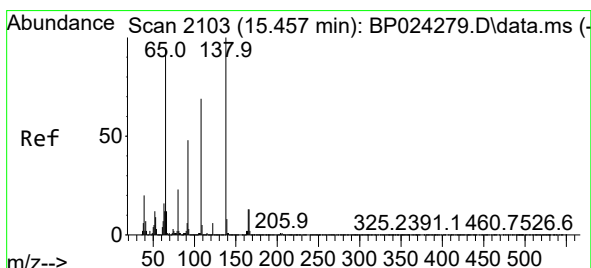
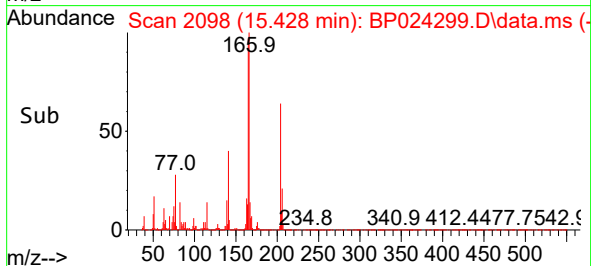
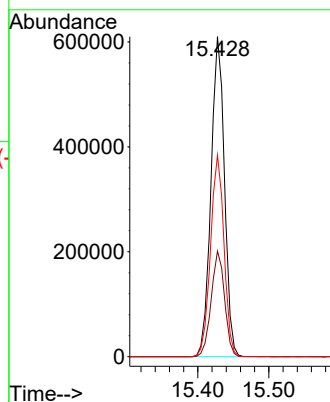
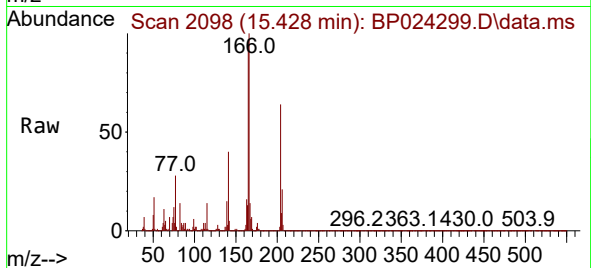




#61
4-Chlorophenyl-phenylether
Concen: 43.851 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

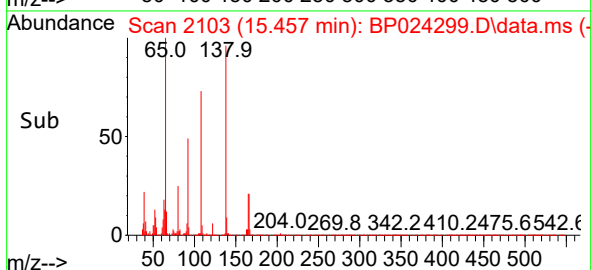
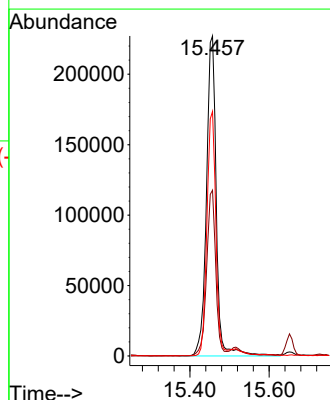
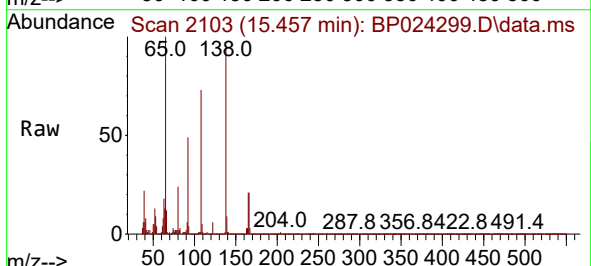
Instrument :
BNA_P
ClientSampleId :
TP-1MS

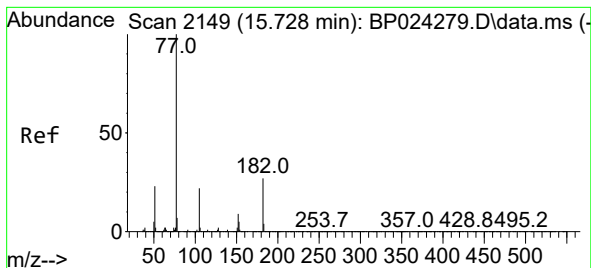
Tgt Ion:204 Resp: 805068
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.0 49.4 74.0



#62
4-Nitroaniline
Concen: 41.957 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:138 Resp: 392799
Ion Ratio Lower Upper
138 100
92 51.8 27.8 67.8
108 76.4 48.9 88.9





#63

Azobenzene

Concen: 45.900 ng

RT: 15.728 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 1722680

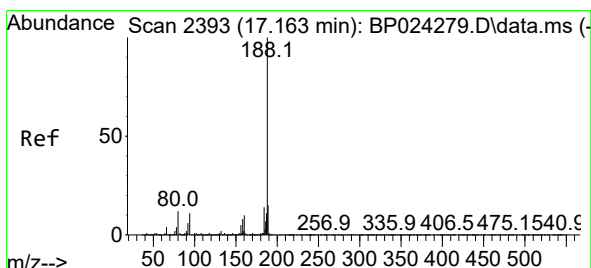
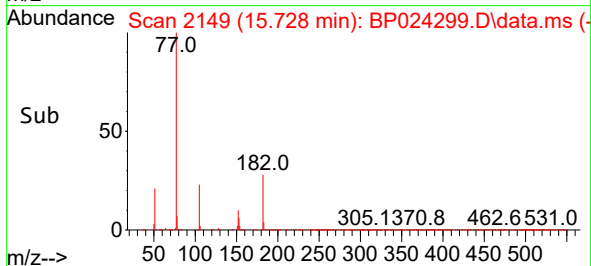
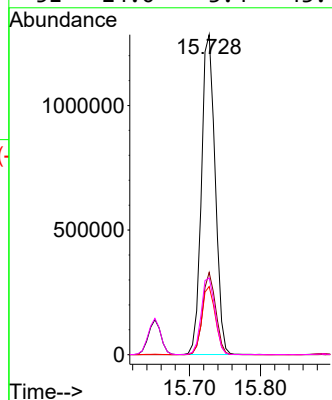
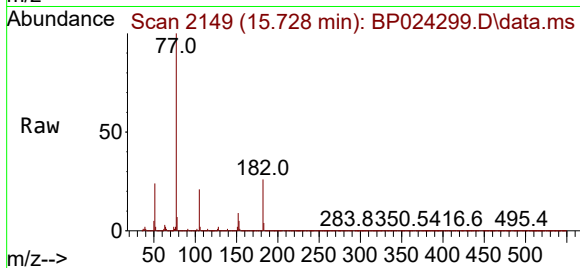
Ion Ratio Lower Upper

77 100

182 25.7 7.3 47.3

105 21.3 2.3 42.3

51 24.0 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2396

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

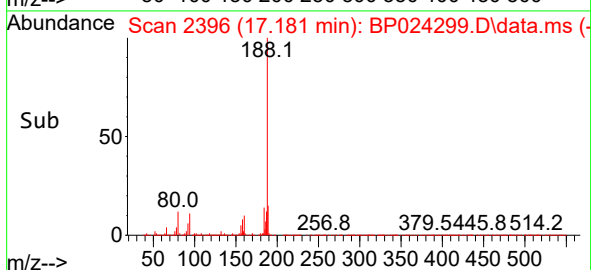
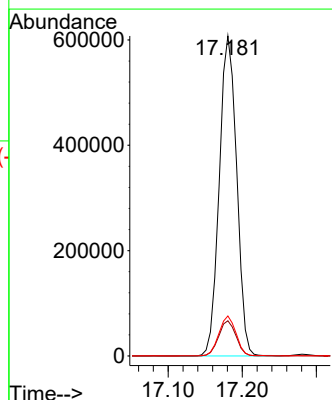
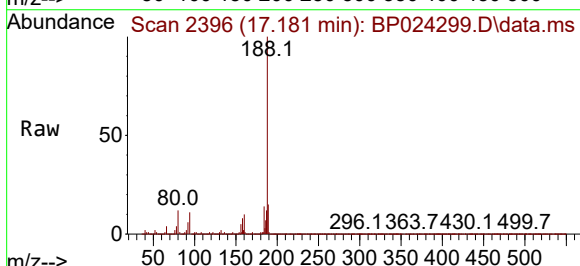
Tgt Ion: 188 Resp: 990797

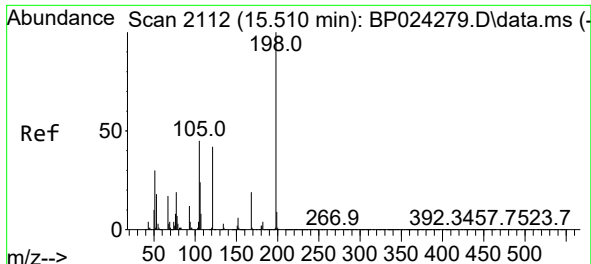
Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

80 12.5 9.8 14.6

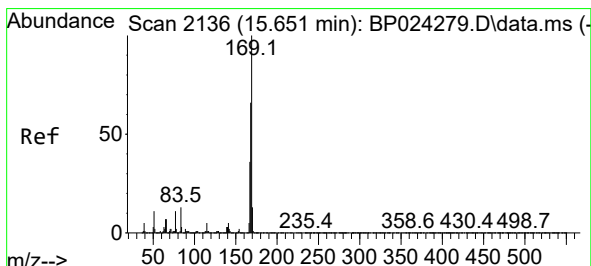
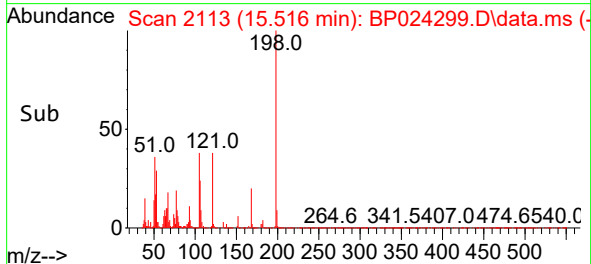
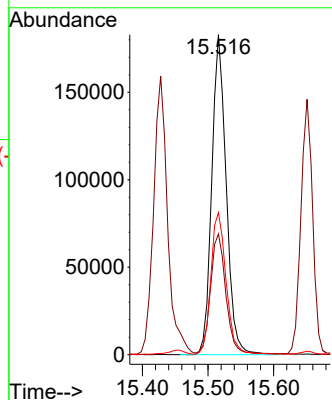
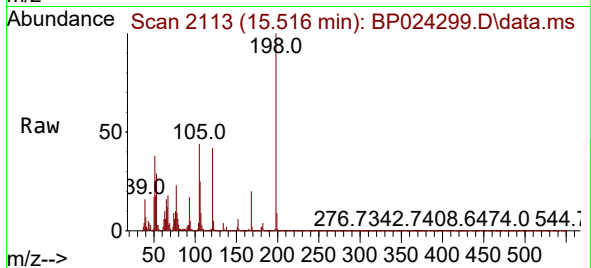




#65
4,6-Dinitro-2-methylphenol
Concen: 44.842 ng
RT: 15.516 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

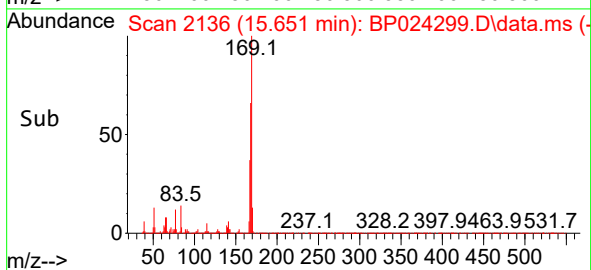
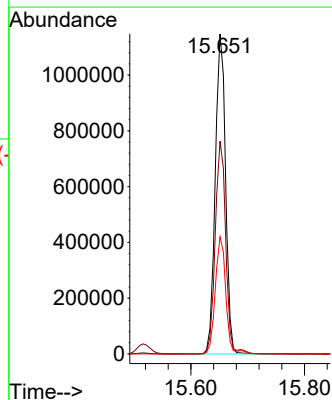
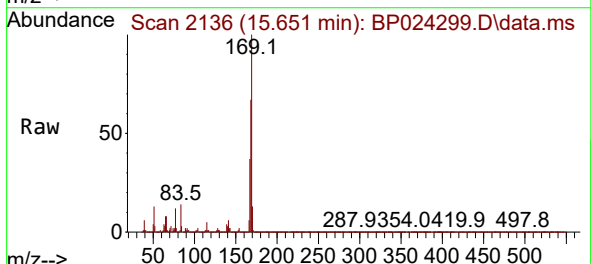
Instrument :
BNA_P
ClientSampleId :
TP-1MS

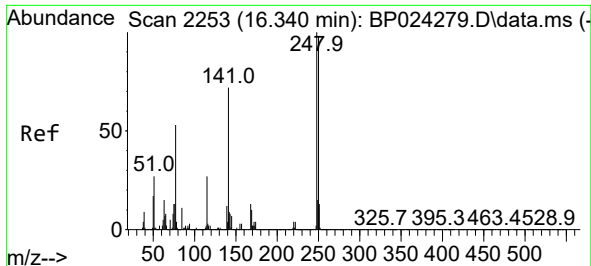
Tgt Ion:198 Resp: 280113
Ion Ratio Lower Upper
198 100
51 37.8 18.4 58.4
105 44.4 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.648 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:169 Resp: 1438674
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.6 28.9 43.3

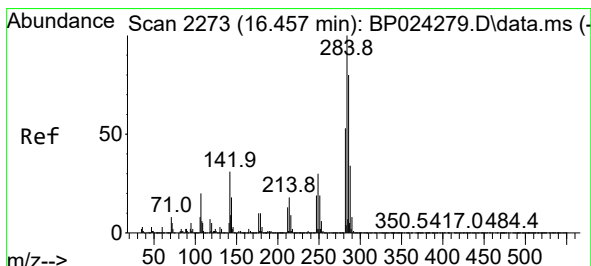
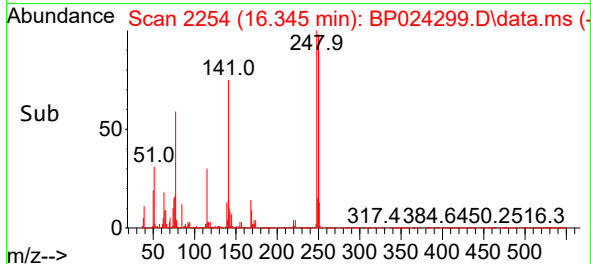
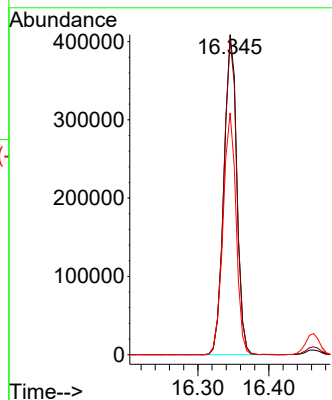
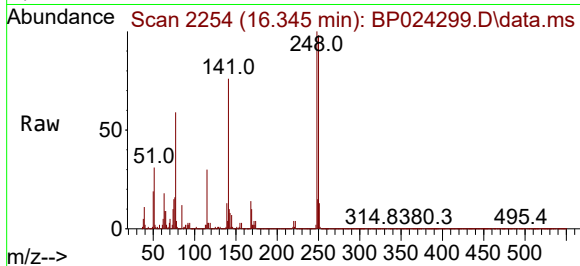




#67
4-Bromophenyl-phenylether
Concen: 47.509 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

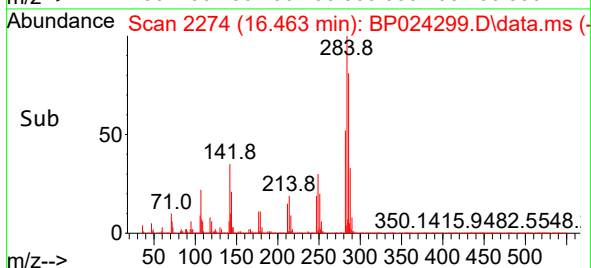
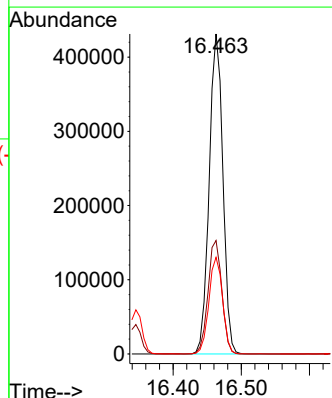
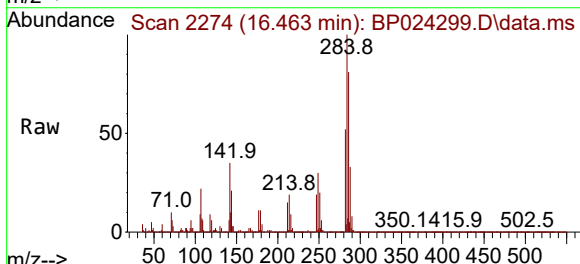
Instrument :
BNA_P
ClientSampleId :
TP-1MS

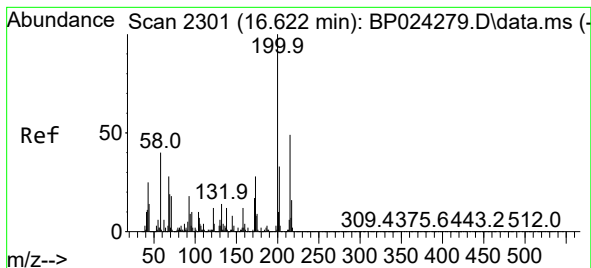
Tgt Ion:248 Resp: 514816
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 75.6 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.780 ng
RT: 16.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:284 Resp: 602356
Ion Ratio Lower Upper
284 100
142 35.5 24.6 37.0
249 30.2 23.8 35.6





#69

Atrazine

Concen: 64.349 ng

RT: 16.634 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

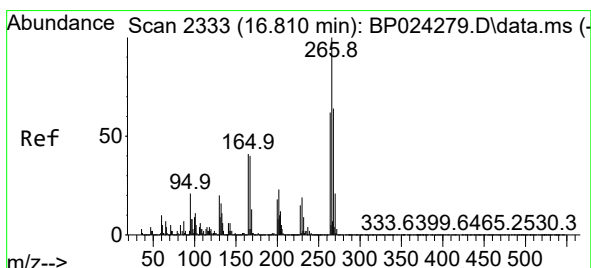
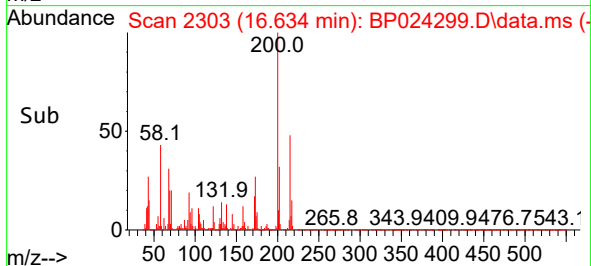
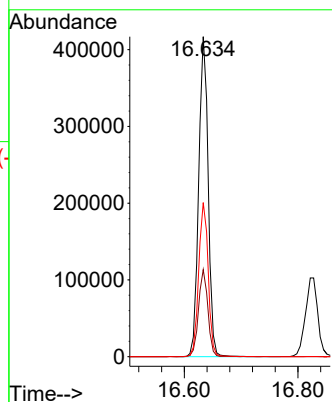
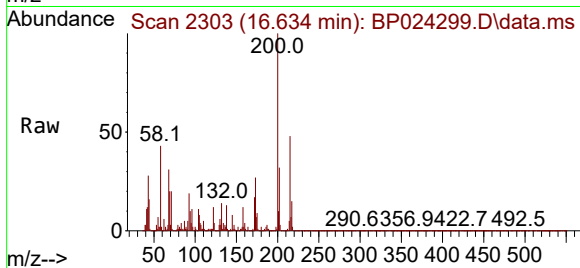
Tgt Ion:200 Resp: 484674

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

215 48.2 28.8 68.8



#70

Pentachlorophenol

Concen: 94.413 ng

RT: 16.828 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

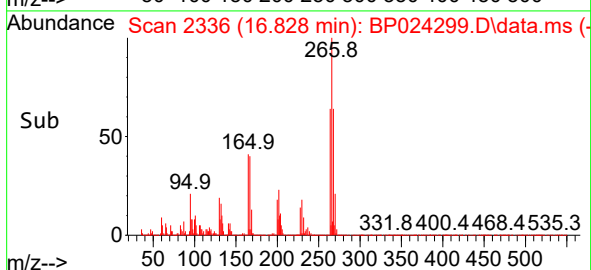
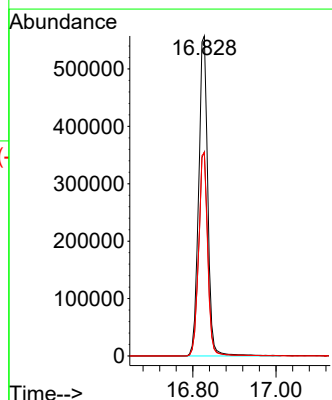
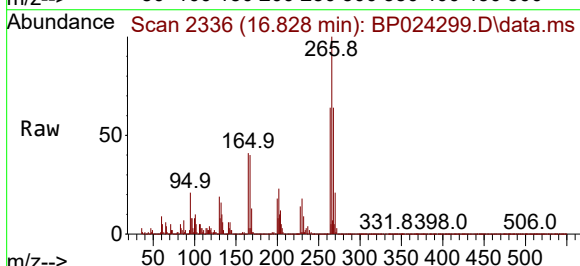
Tgt Ion:266 Resp: 848105

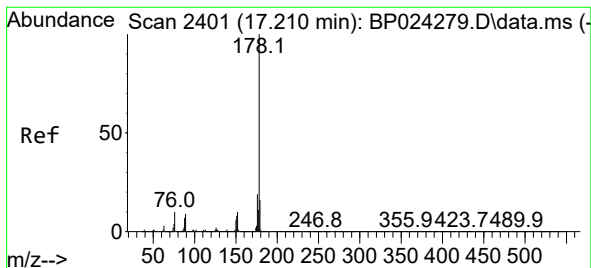
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 63.6 49.8 74.6





#71

Phenanthrene

Concen: 47.239 ng

RT: 17.228 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

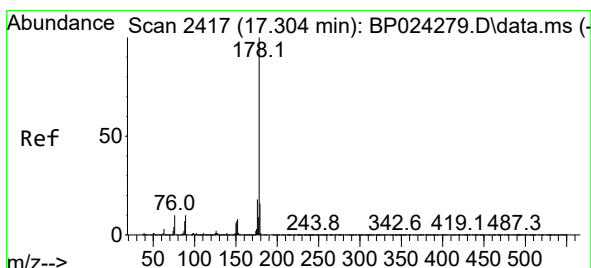
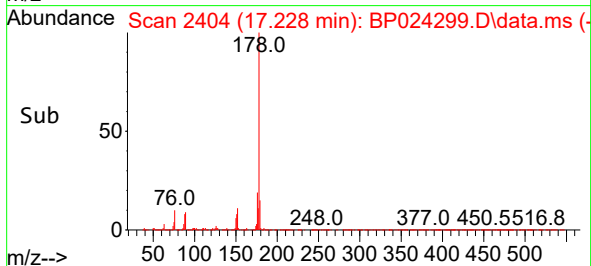
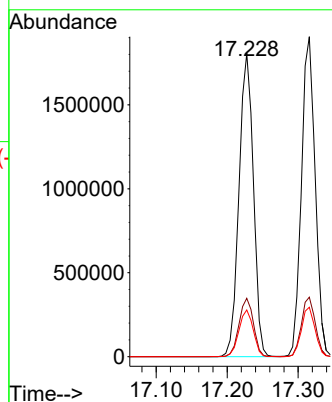
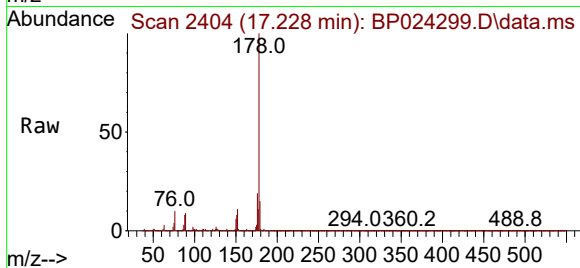
Tgt Ion:178 Resp: 2553284

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 49.266 ng

RT: 17.316 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

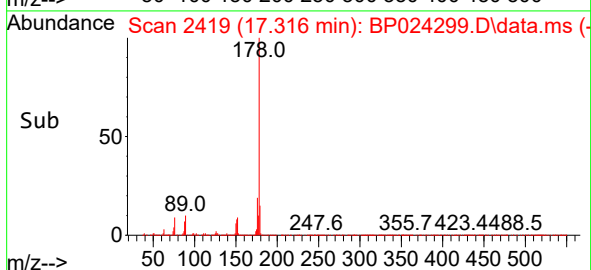
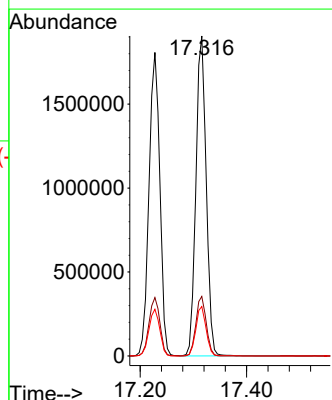
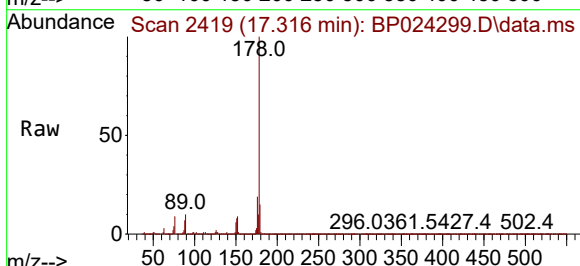
Tgt Ion:178 Resp: 2566445

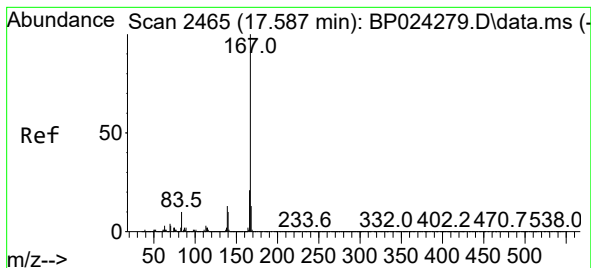
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.5 12.4 18.6





#73

Carbazole

Concen: 48.160 ng

RT: 17.598 min Scan# 2467

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

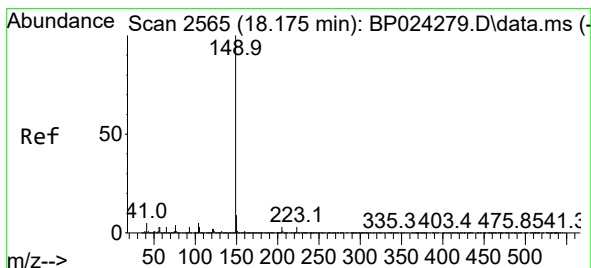
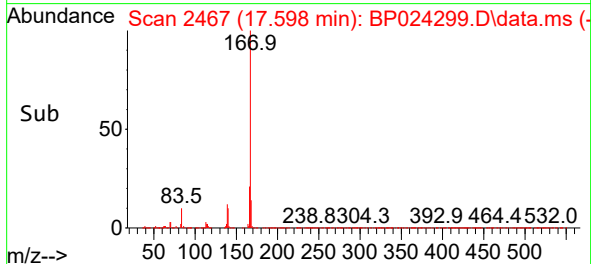
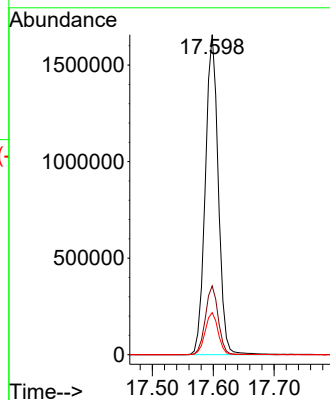
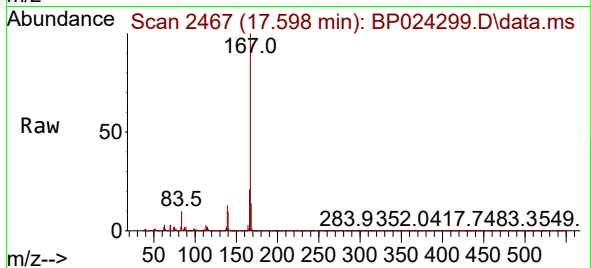
Tgt Ion:167 Resp: 2451328

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.868 ng

RT: 18.198 min Scan# 2569

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

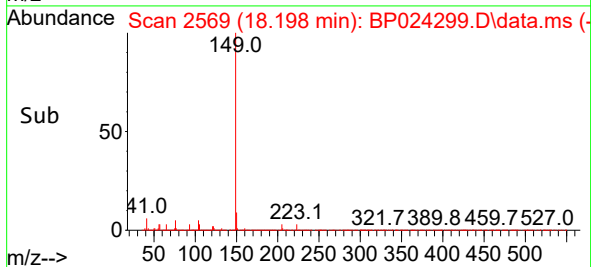
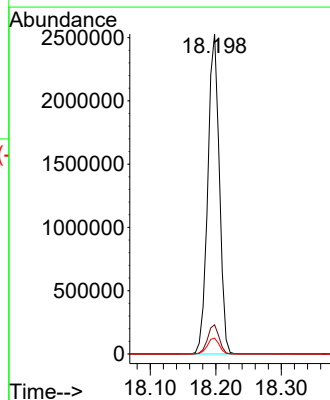
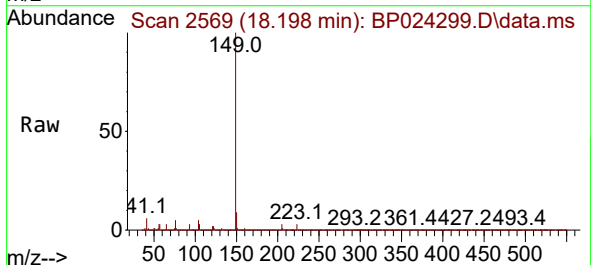
Tgt Ion:149 Resp: 3098956

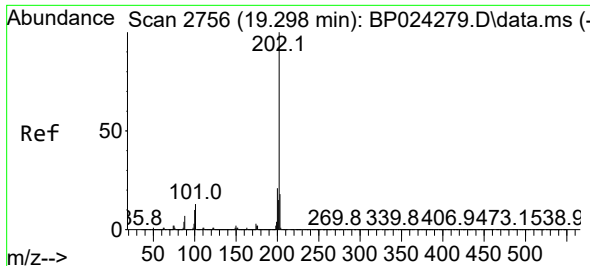
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 3.9 5.9

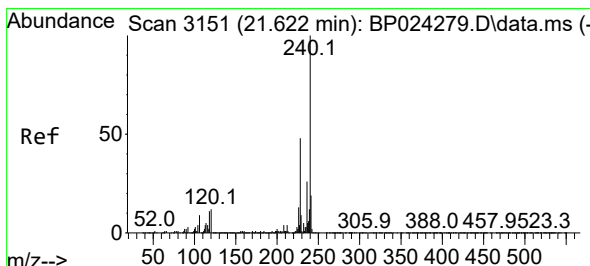
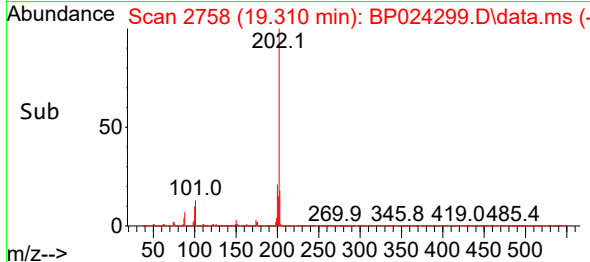
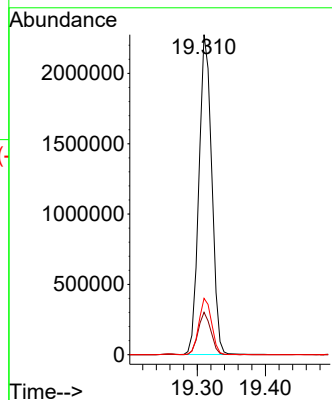
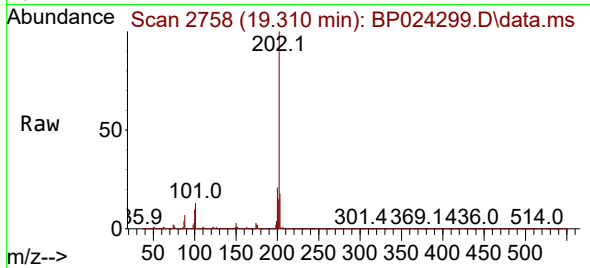




#75
Fluoranthene
Concen: 46.173 ng
RT: 19.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

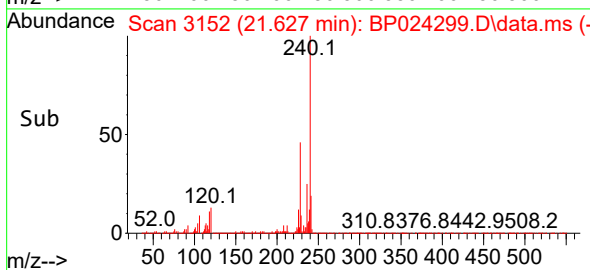
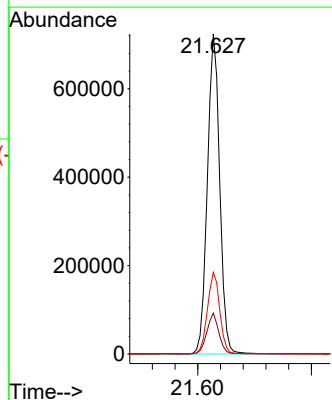
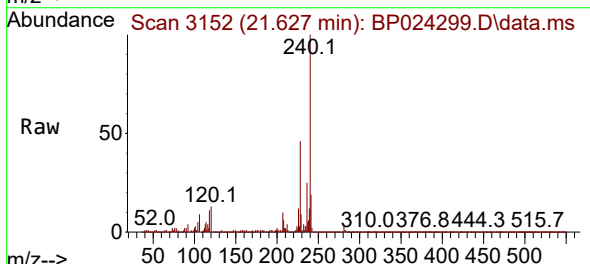
Instrument :
BNA_P
ClientSampleId :
TP-1MS

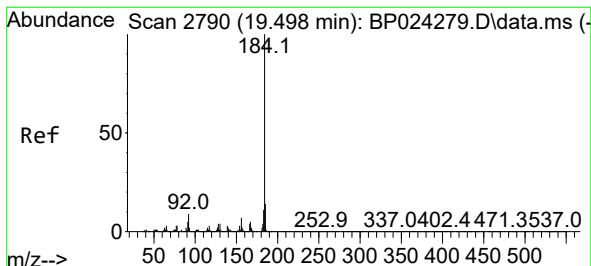
Tgt Ion:202 Resp: 2968168
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP024299.D
Acq: 15 Apr 2025 18:10

Tgt Ion:240 Resp: 1084738
Ion Ratio Lower Upper
240 100
120 12.7 9.8 14.8
236 25.5 20.9 31.3





#77

Benzidine

Concen: 54.998 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

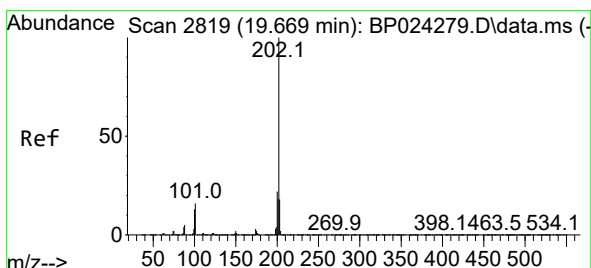
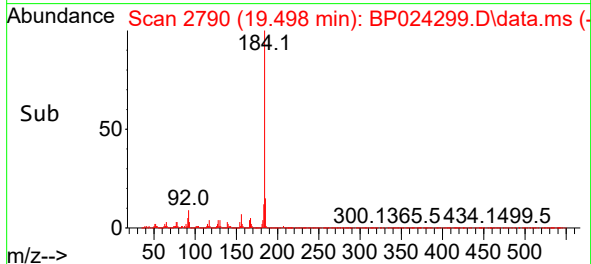
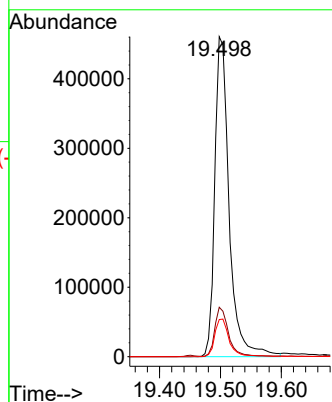
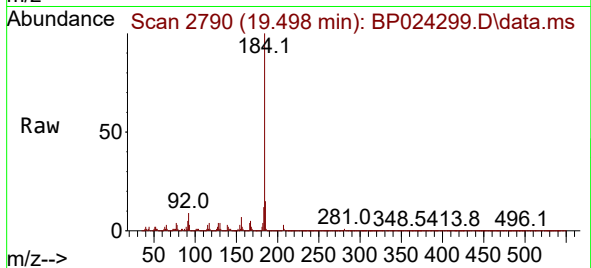
Tgt Ion:184 Resp: 756224

Ion Ratio Lower Upper

184 100

185 15.4 11.6 17.4

183 11.6 9.2 13.8



#78

Pyrene

Concen: 44.948 ng

RT: 19.686 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

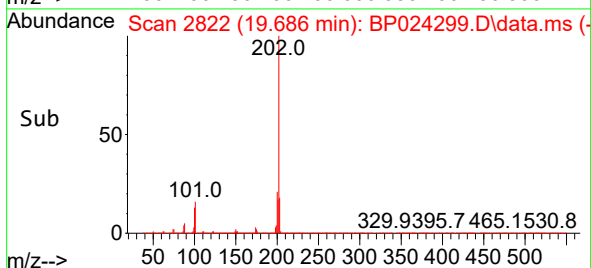
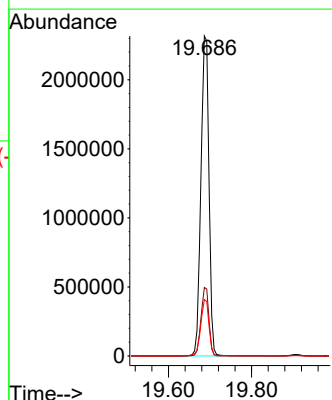
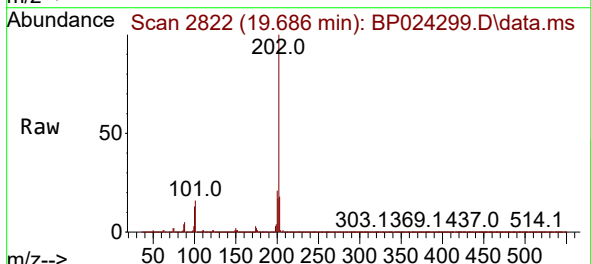
Tgt Ion:202 Resp: 3098567

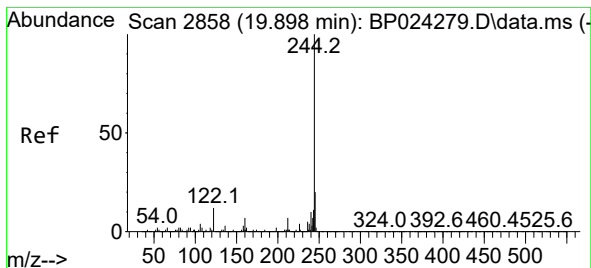
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 89.069 ng

RT: 19.910 min Scan# 2860

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

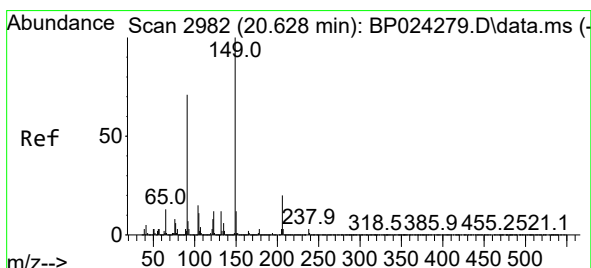
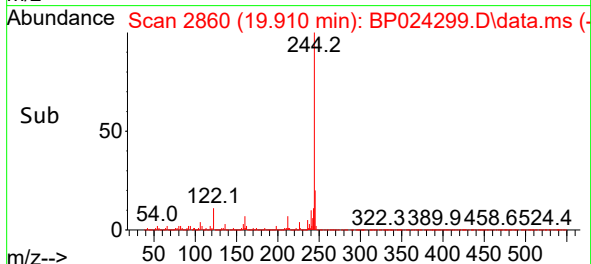
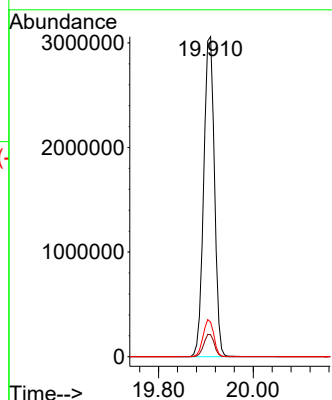
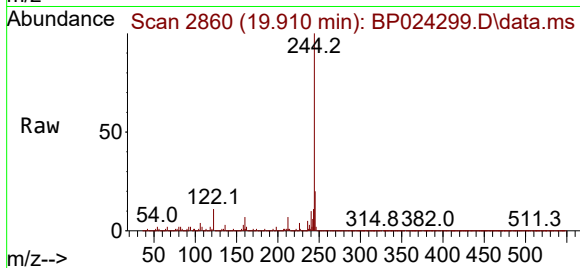
Tgt Ion:244 Resp: 4793355

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.8 9.4 14.0



#80

Butylbenzylphthalate

Concen: 49.913 ng

RT: 20.639 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

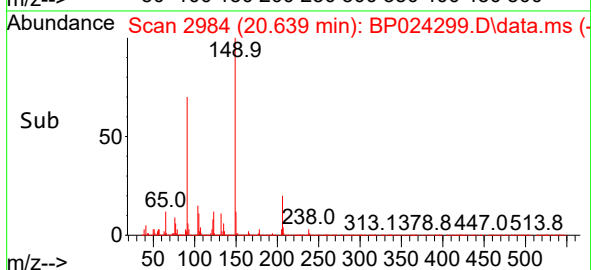
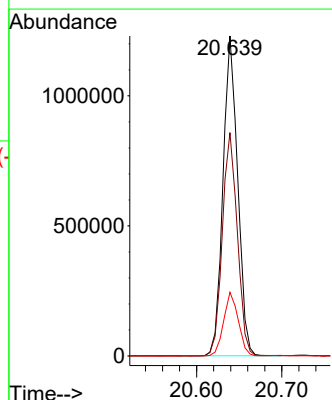
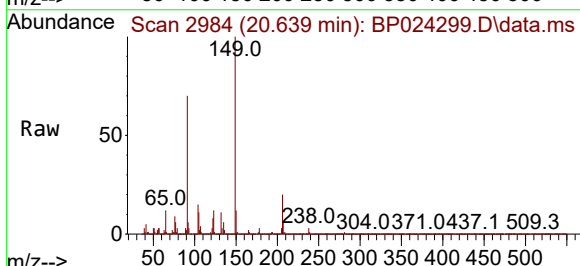
Tgt Ion:149 Resp: 1473781

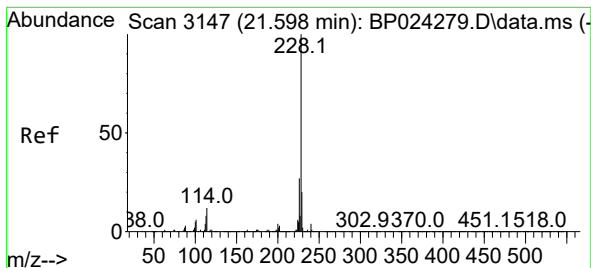
Ion Ratio Lower Upper

149 100

91 69.8 56.4 84.6

206 19.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.728 ng

RT: 21.610 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

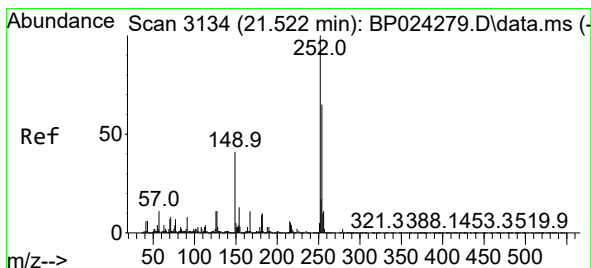
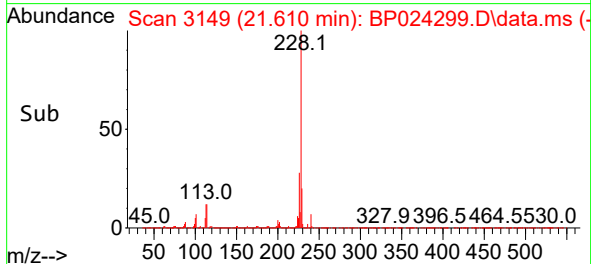
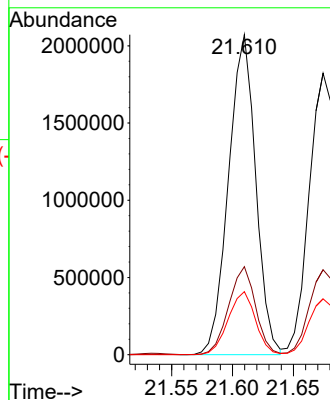
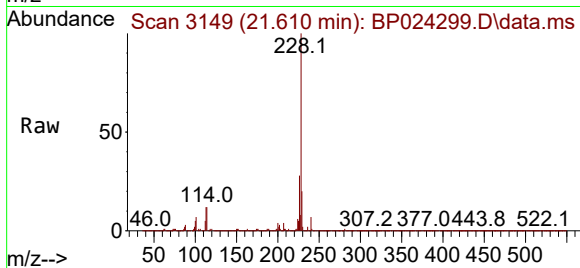
Tgt Ion:228 Resp: 3217974

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 37.566 ng

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

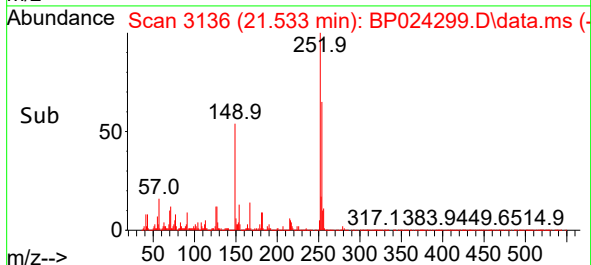
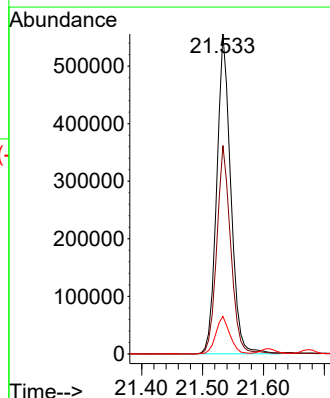
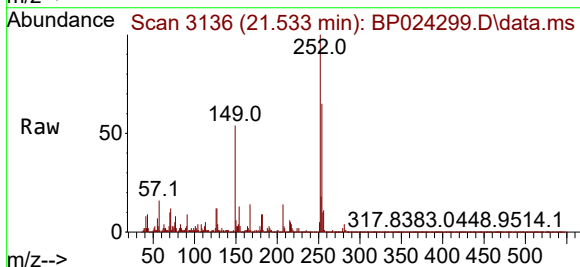
Tgt Ion:252 Resp: 888986

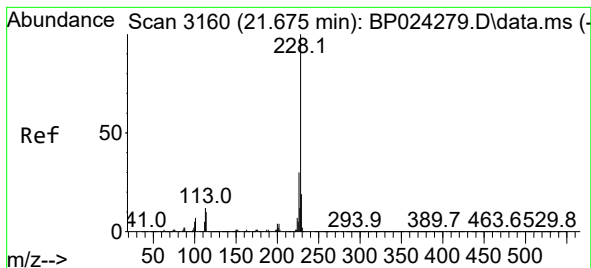
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 11.8 8.8 13.2





#83

Chrysene

Concen: 46.685 ng

RT: 21.674 min Scan# 3160

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

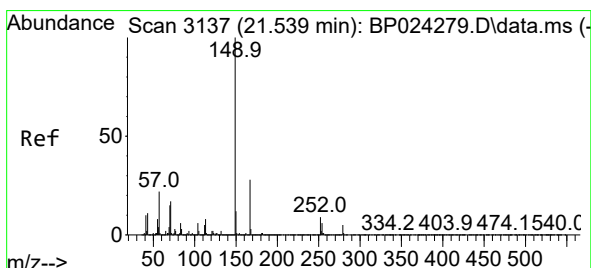
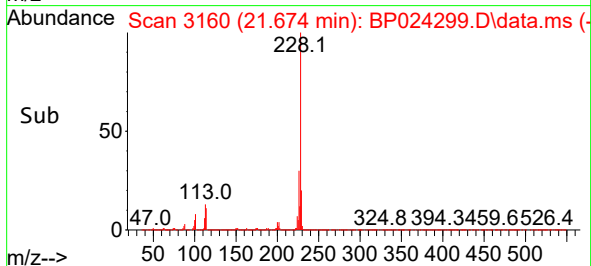
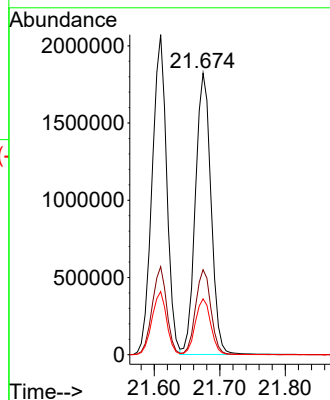
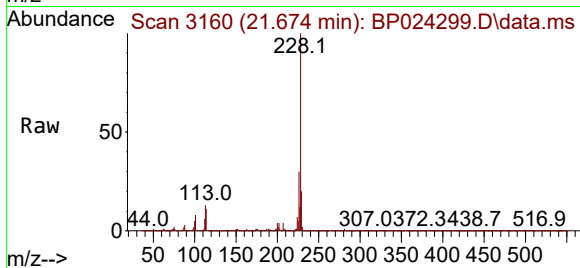
Tgt Ion:228 Resp: 3015605

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.511 ng

RT: 21.551 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

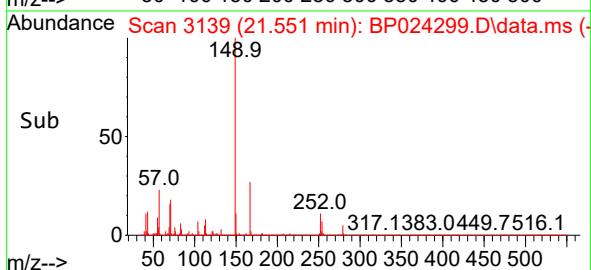
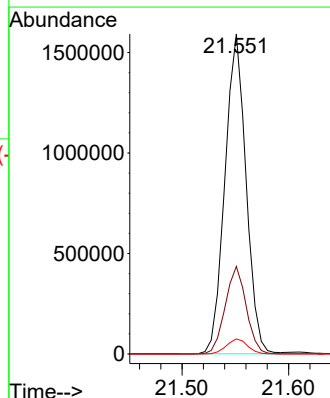
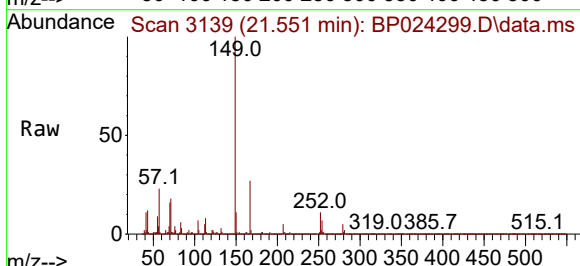
Tgt Ion:149 Resp: 2186401

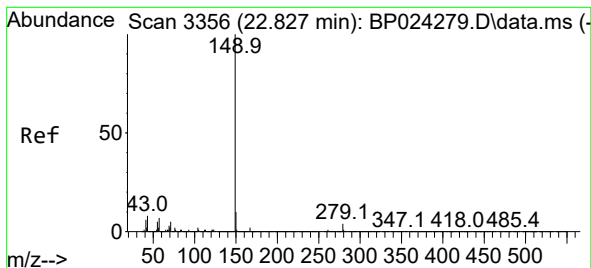
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.512 ng

RT: 22.845 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

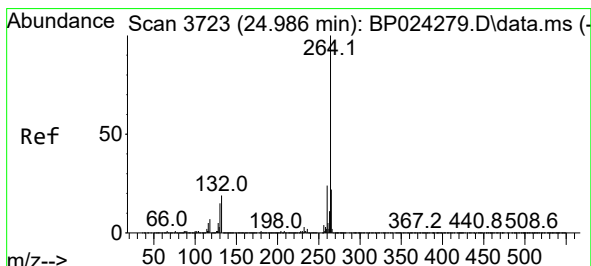
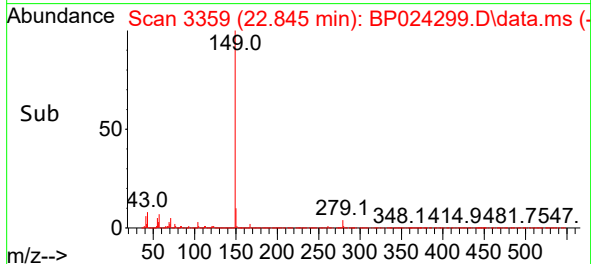
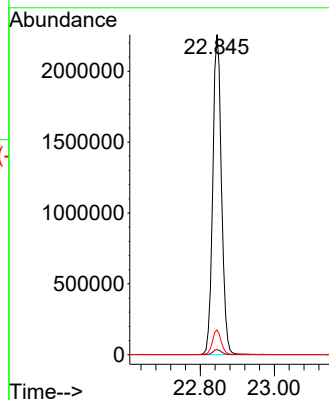
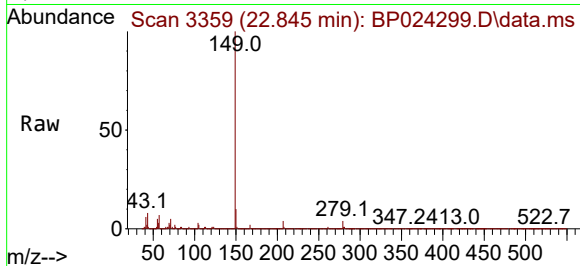
Tgt Ion:149 Resp: 3695270

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.7 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

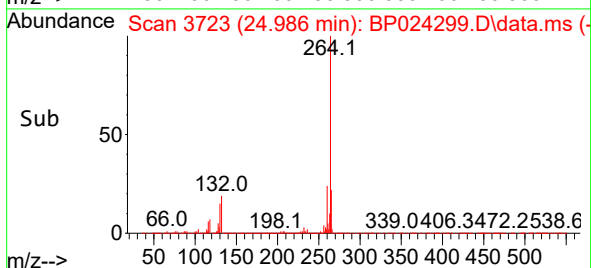
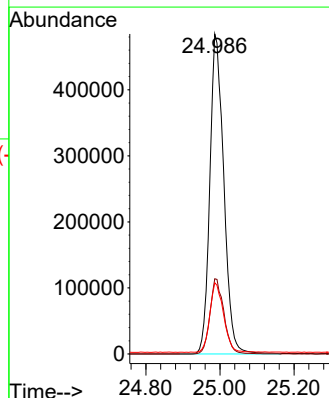
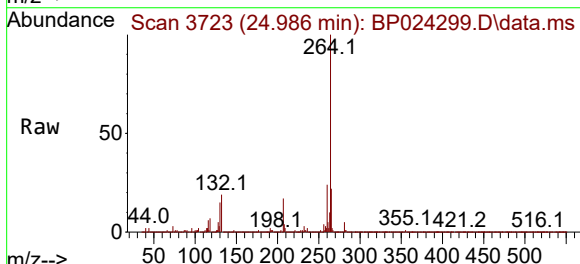
Tgt Ion:264 Resp: 1266831

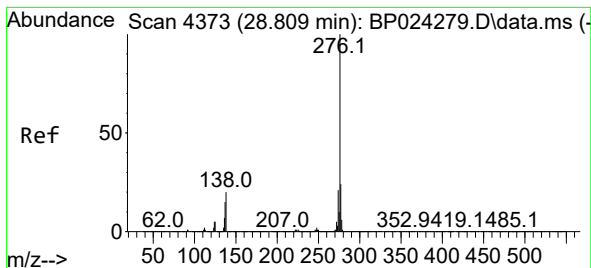
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.641 ng m

RT: 28.821 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

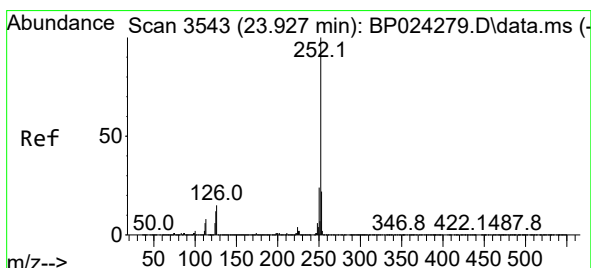
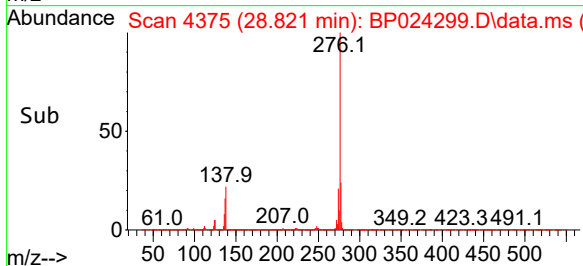
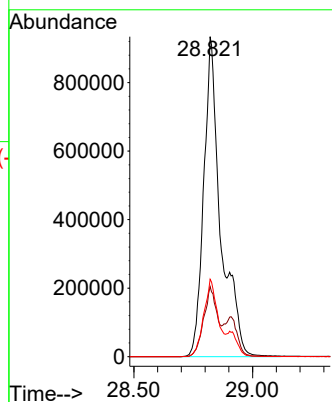
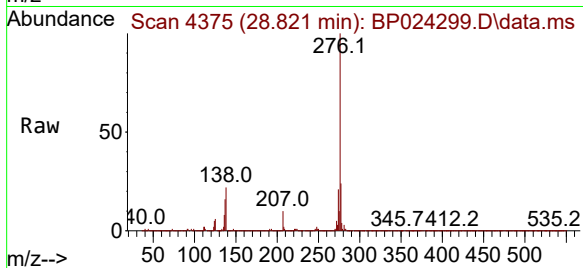
Tgt Ion:276 Resp: 4629717

Ion Ratio Lower Upper

276 100

138 17.4 14.5 21.7

277 20.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.045 ng

RT: 23.945 min Scan# 3546

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

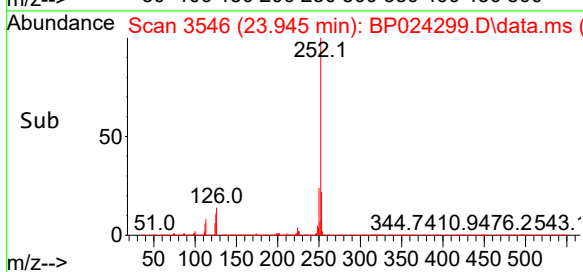
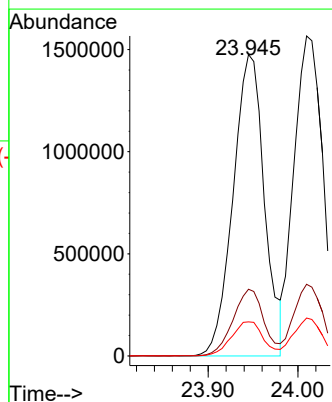
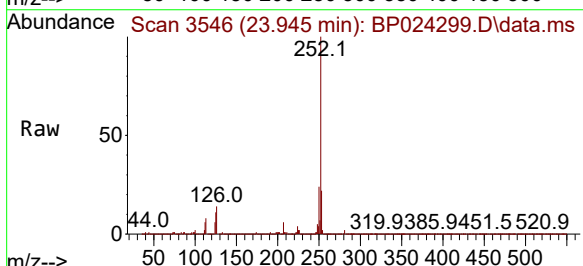
Tgt Ion:252 Resp: 3572357

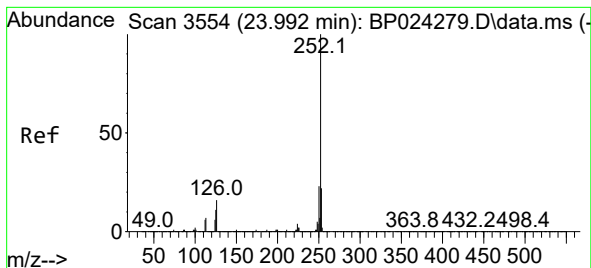
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.3 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 47.961 ng

RT: 24.010 min Scan# 3554

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP-1MS

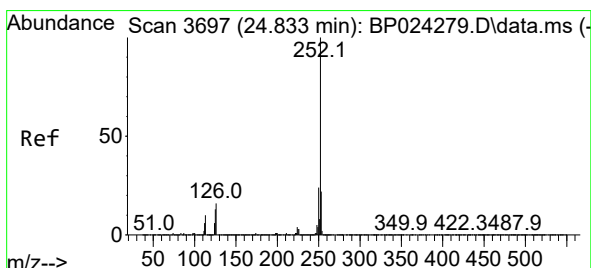
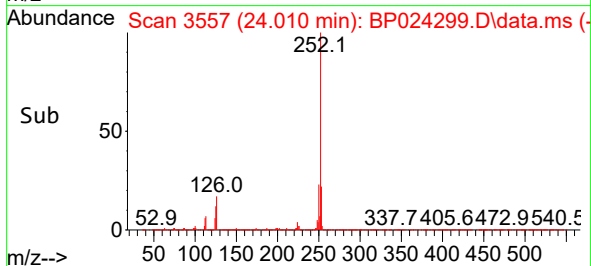
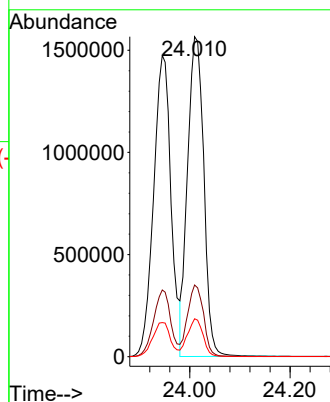
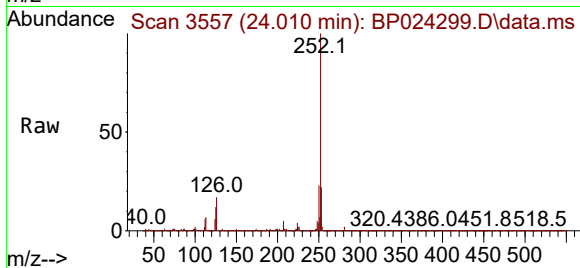
Tgt Ion:252 Resp: 3517866

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.8 9.1 13.7



#90

Benzo(a)pyrene

Concen: 51.925 ng

RT: 24.845 min Scan# 3699

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

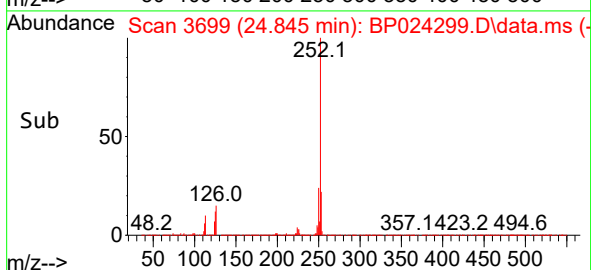
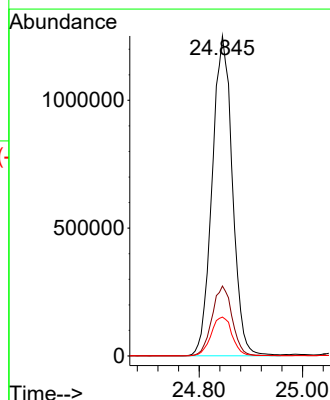
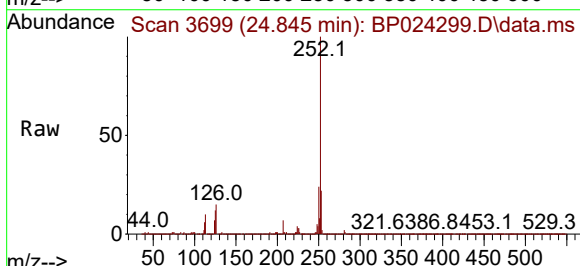
Tgt Ion:252 Resp: 3401123

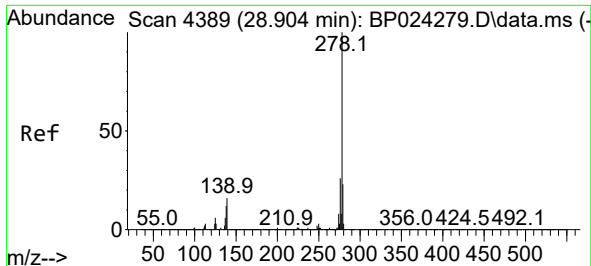
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.1 10.1 15.1

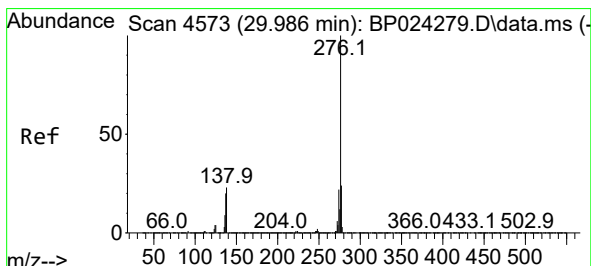
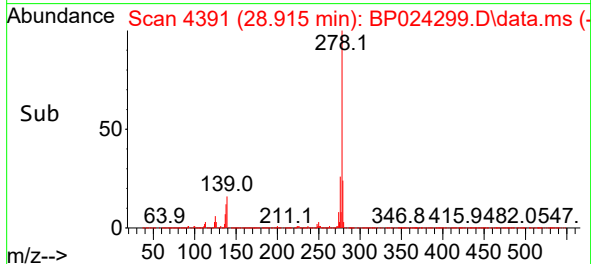
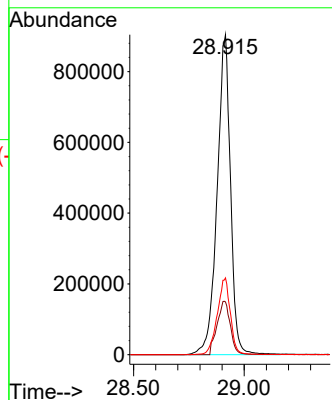
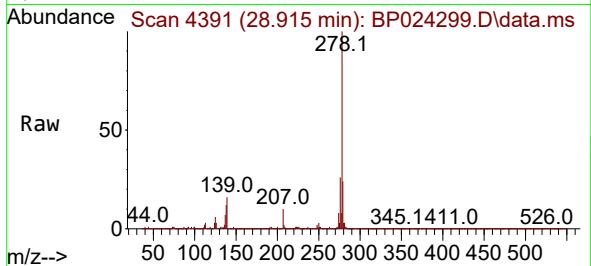




#91
 Dibenzo(a,h)anthracene
 Concen: 52.037 ng
 RT: 28.915 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: BP024299.D
 Acq: 15 Apr 2025 18:10

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Tgt Ion:278 Resp: 3798677
 Ion Ratio Lower Upper
 278 100
 139 16.5 12.6 19.0
 279 24.0 18.5 27.7



#92
 Benzo(g,h,i)perylene
 Concen: 50.095 ng
 RT: 30.015 min Scan# 4578
 Delta R.T. 0.018 min
 Lab File: BP024299.D
 Acq: 15 Apr 2025 18:10

Tgt Ion:276 Resp: 3722267
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.9 28.3
 138 22.3 18.7 28.1

