

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024235.D
 Acq On : 09 Apr 2025 14:59
 Operator : RC/JU
 Sample : Q1712-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Z-05AMS

Quant Time: Apr 10 02:01:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	270984	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1090214	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	692071	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1402974	20.000	ng	-0.01
76) Chrysene-d12	21.627	240	1629667	20.000	ng	-0.03
86) Perylene-d12	25.004	264	1799050	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2277436	134.157	ng	-0.02
7) Phenol-d6	6.922	99	2747899	121.046	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1808210	93.579	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1348057	154.638	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3982098	84.843	ng	-0.02
79) Terphenyl-d14	19.904	244	7252316	91.862	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	265840	39.506	ng	# 75
3) Pyridine	3.699	79	642616	34.933	ng	98
4) n-Nitrosodimethylamine	3.605	42	263840	42.936	ng	96
6) Aniline	7.075	93	586138	28.339	ng	99
8) 2-Chlorophenol	7.316	128	841681	45.902	ng	98
9) Benzaldehyde	6.893	77	389619	35.565	ng	98
10) Phenol	6.952	94	982968	42.892	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	807543	44.684	ng	98
12) 1,3-Dichlorobenzene	7.634	146	840076	42.484	ng	100
13) 1,4-Dichlorobenzene	7.775	146	851542	42.177	ng	99
14) 1,2-Dichlorobenzene	8.087	146	834584	43.077	ng	99
15) Benzyl Alcohol	7.981	79	720438	50.127	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.258	45	872182	47.286	ng	96
17) 2-Methylphenol	8.181	107	710282	49.426	ng	99
18) Hexachloroethane	8.810	117	304911	42.568	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	609100	46.249	ng	98
20) 3+4-Methylphenols	8.505	107	969793	49.120	ng	98
22) Acetophenone	8.552	105	1234466	44.787	ng	# 98
24) Nitrobenzene	8.928	77	892165	46.804	ng	98
25) Isophorone	9.452	82	1739699	52.523	ng	100
26) 2-Nitrophenol	9.634	139	438012	48.105	ng	99
27) 2,4-Dimethylphenol	9.699	122	786545	67.179	ng	98
28) bis(2-Chloroethoxy)met...	9.928	93	1079269	46.317	ng	100
29) 2,4-Dichlorophenol	10.169	162	780174	49.258	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	754982	43.144	ng	100
31) Naphthalene	10.563	128	2495466	43.181	ng	100
32) Benzoic acid	9.840	122	564235	49.414	ng	98
33) 4-Chloroaniline	10.681	127	238189	11.517	ng	99
34) Hexachlorobutadiene	10.852	225	425450	42.245	ng	98
35) Caprolactam	11.469	113	243422	46.894	ng	92
36) 4-Chloro-3-methylphenol	11.810	107	910400	53.283	ng	99
37) 2-Methylnaphthalene	12.181	142	1609854	41.234	ng	99
38) 1-Methylnaphthalene	12.399	142	1696761	44.683	ng	99
40) 1,2,4,5-Tetrachloroben...	12.551	216	847246	42.350	ng	99
41) Hexachlorocyclopentadiene	12.534	237	1026085	142.287	ng	99
43) 2,4,6-Trichlorophenol	12.793	196	627082	49.322	ng	99

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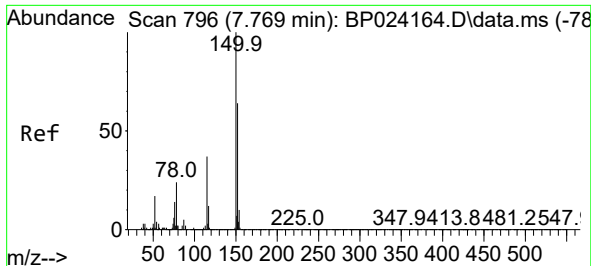
Quant Time: Apr 10 02:01:31 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	701418	50.306	ng	99
46) 1,1'-Biphenyl	13.204	154	2331388	44.829	ng	99
47) 2-Chloronaphthalene	13.246	162	1761462	45.030	ng	99
48) 2-Nitroaniline	13.446	65	558019	55.773	ng	99
49) Acenaphthylene	14.098	152	3006607	50.797	ng	100
50) Dimethylphthalate	13.834	163	2396925	49.497	ng	100
51) 2,6-Dinitrotoluene	13.957	165	522334	51.265	ng	99
52) Acenaphthene	14.445	154	1734273	45.859	ng	100
53) 3-Nitroaniline	14.287	138	259293	23.562	ng	94
54) 2,4-Dinitrophenol	14.493	184	569182	105.574	ng	95
55) Dibenzofuran	14.787	168	2775341	45.306	ng	97
56) 4-Nitrophenol	14.622	139	1032945	112.334	ng	99
57) 2,4-Dinitrotoluene	14.751	165	763255	56.711	ng	99
58) Fluorene	15.445	166	2292612	48.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	620712	50.387	ng	98
60) Diethylphthalate	15.228	149	2429766	50.386	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1089083	46.524	ng	95
62) 4-Nitroaniline	15.475	138	574089	49.739	ng	99
63) Azobenzene	15.745	77	2255024	49.613	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	397241	47.694	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2036795	47.808	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	705104	45.776	ng	98
68) Hexachlorobenzene	16.487	284	854832	46.888	ng	99
69) Atrazine	16.651	200	744691	72.419	ng	99
70) Pentachlorophenol	16.839	266	1255086	106.453	ng	100
71) Phenanthrene	17.239	178	3706248	48.357	ng	100
72) Anthracene	17.328	178	3690284	49.436	ng	100
73) Carbazole	17.604	167	3765982	52.313	ng	99
74) Di-n-butylphthalate	18.204	149	4508432	52.756	ng	99
75) Fluoranthene	19.310	202	4476626	50.431	ng	99
77) Benzidine	19.498	184	613019	34.405	ng	99
78) Pyrene	19.686	202	4742564	46.810	ng	100
80) Butylbenzylphthalate	20.639	149	2217907	53.085	ng	98
81) Benzo(a)anthracene	21.610	228	4980721	49.158	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	996695	29.351	ng	100
83) Chrysene	21.674	228	4549808	46.712	ng	100
84) Bis(2-ethylhexyl)phtha...	21.551	149	3290636	52.197	ng	100
85) Di-n-octyl phthalate	22.833	149	5598662	55.428	ng	100
87) Indeno(1,2,3-cd)pyrene	28.833	276	6277815	49.999	ng	95
88) Benzo(b)fluoranthene	23.933	252	5186382	47.813	ng	98
89) Benzo(k)fluoranthene	24.010	252	5108550	48.146	ng	100
90) Benzo(a)pyrene	24.845	252	4840863	51.322	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	5161466	49.411	ng	98
92) Benzo(g,h,i)perylene	30.033	276	5017602	47.252	ng	98

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

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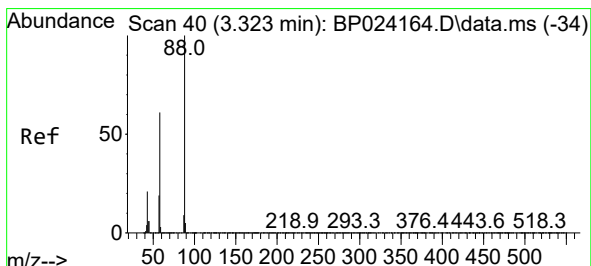
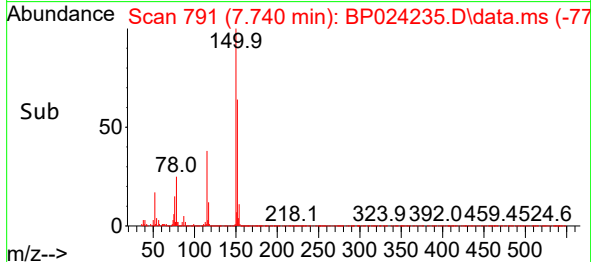
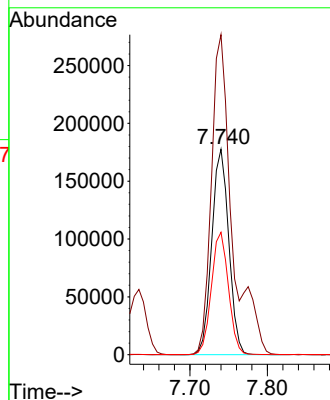
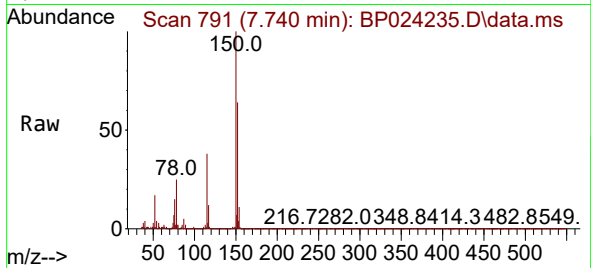




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

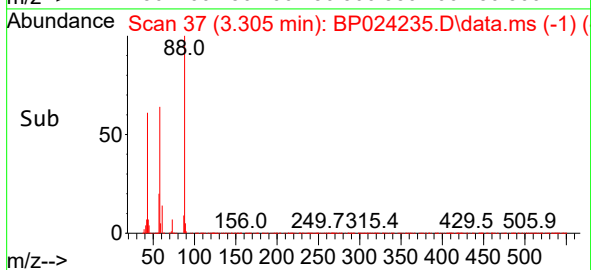
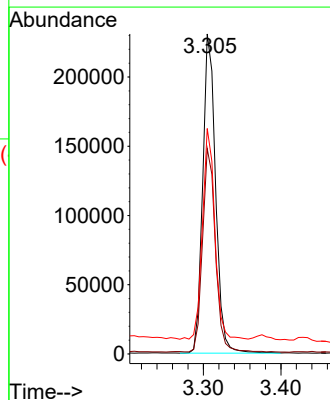
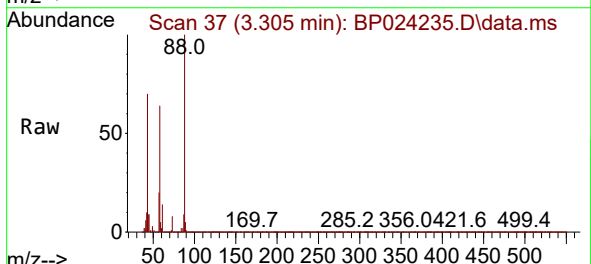
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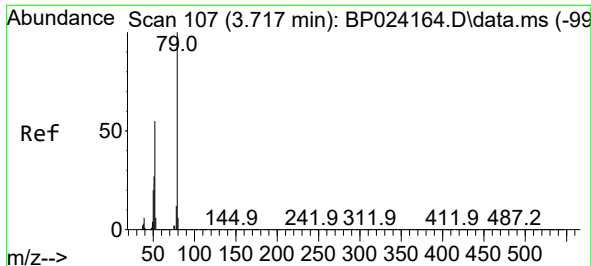
Tgt Ion:152 Resp: 270984
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 59.6 46.3 69.5



#2
1,4-Dioxane
Concen: 39.506 ng
RT: 3.305 min Scan# 37
Delta R.T. -0.018 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 88 Resp: 265840
Ion Ratio Lower Upper
88 100
58 63.7 49.8 74.6
43 64.2 17.3 25.9

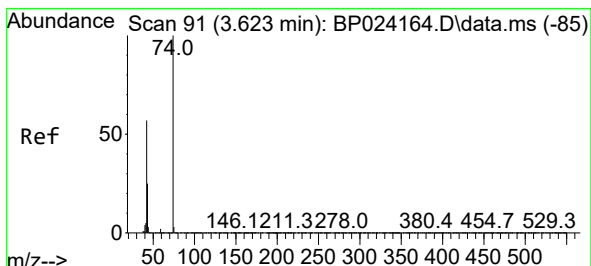
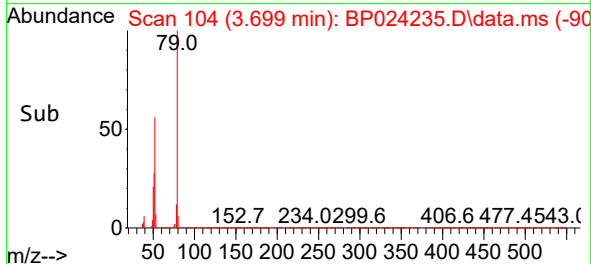
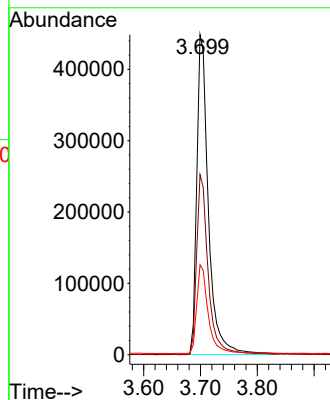
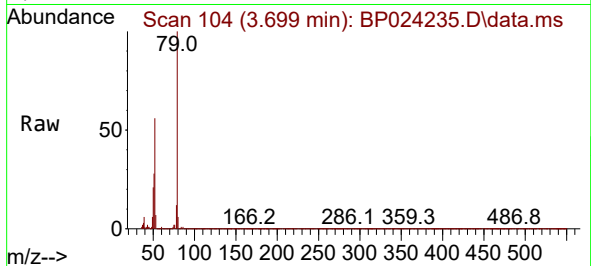




#3
 Pyridine
 Concen: 34.933 ng
 RT: 3.699 min Scan# 104
 Delta R.T. -0.018 min
 Lab File: BP024235.D
 Acq: 09 Apr 2025 14:59

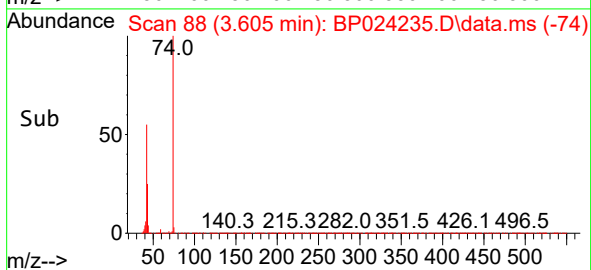
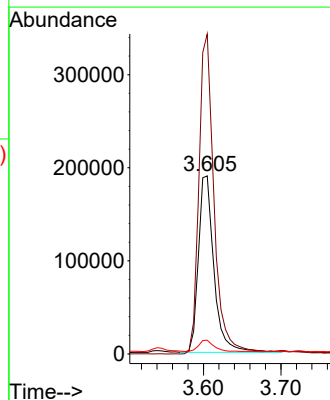
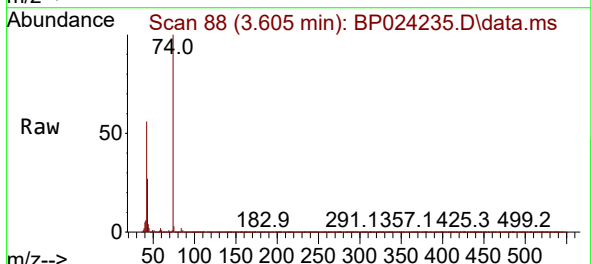
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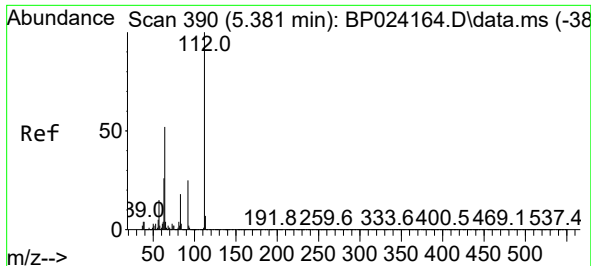
Tgt Ion: 79 Resp: 642616
 Ion Ratio Lower Upper
 79 100
 52 56.3 43.8 65.8
 51 28.1 21.6 32.4



#4
 n-Nitrosodimethylamine
 Concen: 42.936 ng
 RT: 3.605 min Scan# 88
 Delta R.T. -0.018 min
 Lab File: BP024235.D
 Acq: 09 Apr 2025 14:59

Tgt Ion: 42 Resp: 263840
 Ion Ratio Lower Upper
 42 100
 74 179.8 139.8 209.6
 44 7.7 5.3 7.9

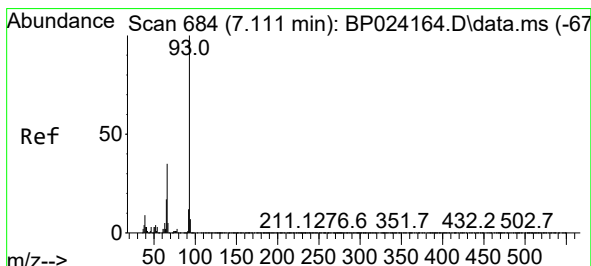
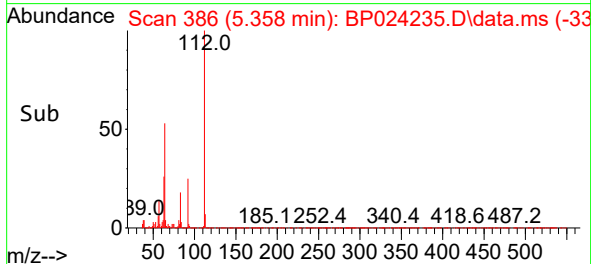
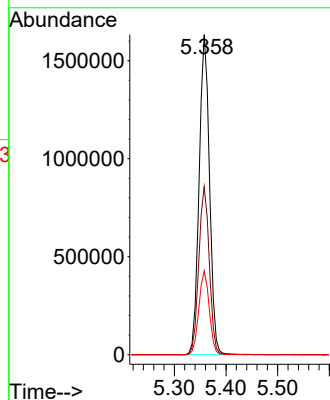
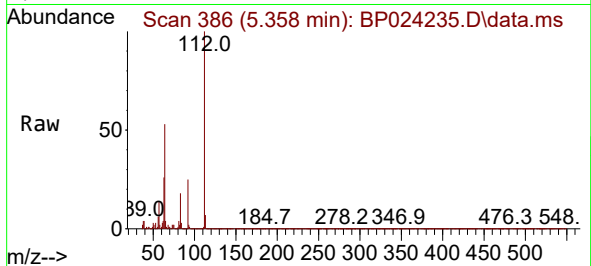




#5
2-Fluorophenol
Concen: 134.157 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

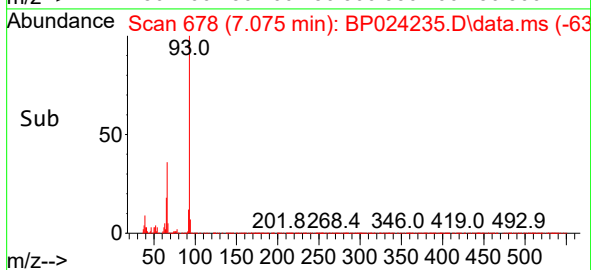
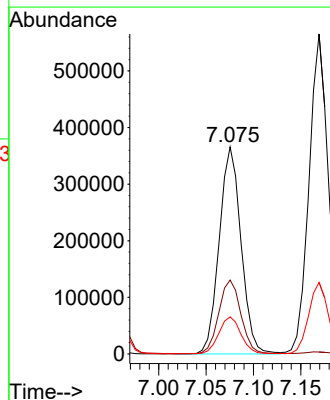
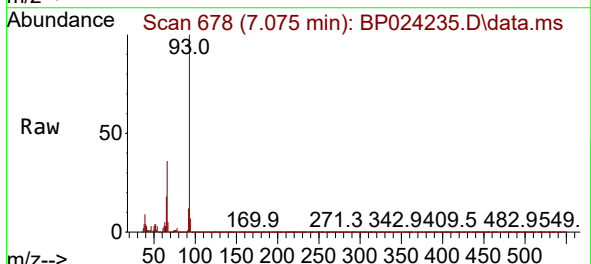
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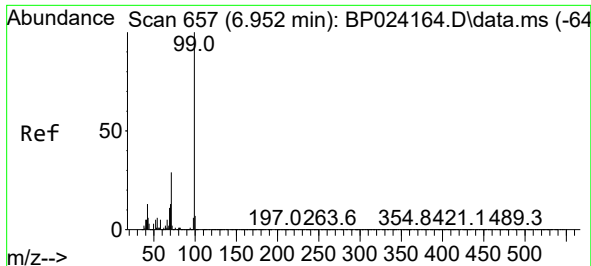
Tgt Ion:112 Resp: 2277436
Ion Ratio Lower Upper
112 100
64 52.5 41.3 61.9
63 26.1 20.6 31.0



#6
Aniline
Concen: 28.339 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 93 Resp: 586138
Ion Ratio Lower Upper
93 100
66 35.7 28.2 42.2
65 17.9 14.0 21.0

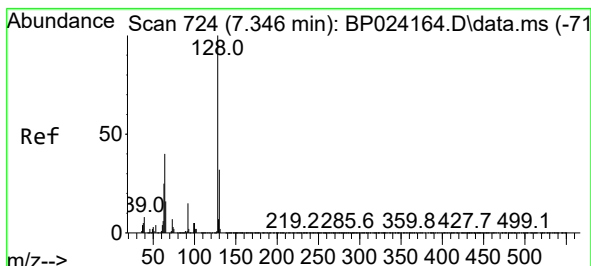
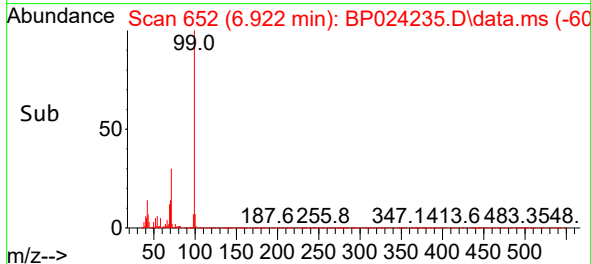
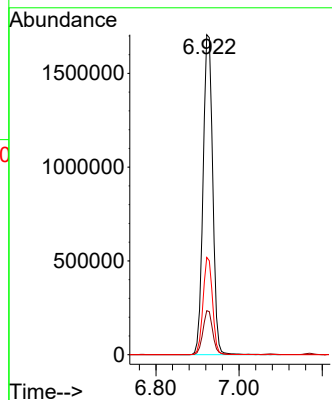
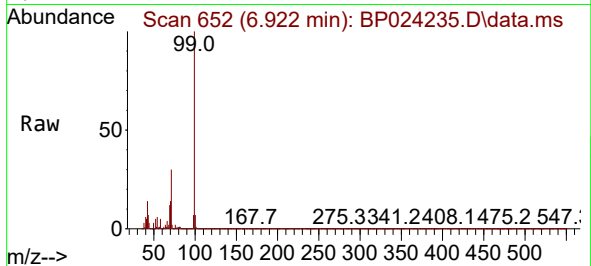




#7
Phenol-d6
Concen: 121.046 ng
RT: 6.922 min Scan# 611
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

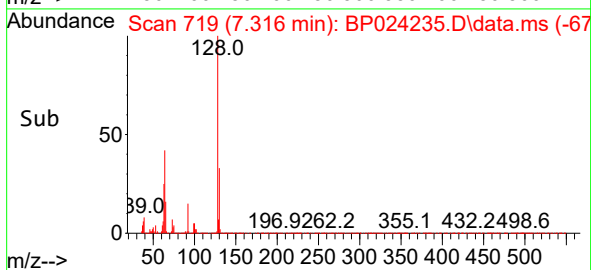
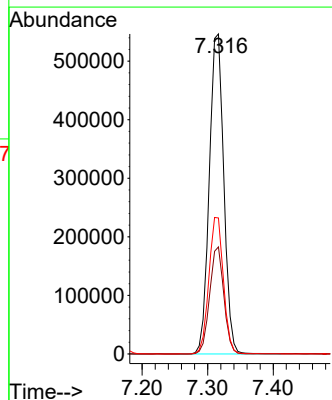
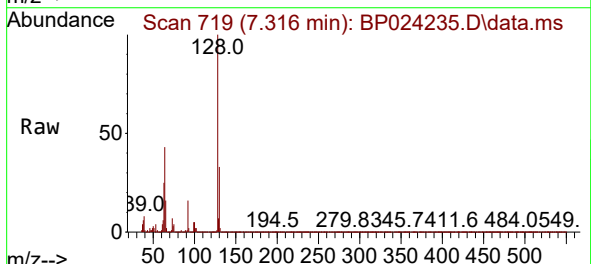
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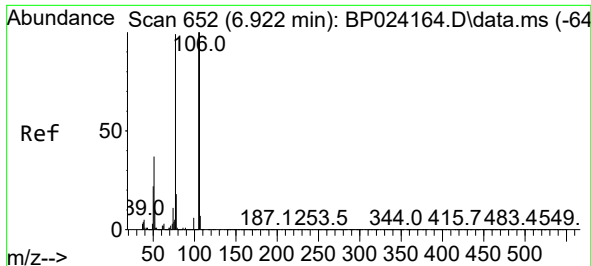
Tgt Ion: 99 Resp: 2747899
Ion Ratio Lower Upper
99 100
42 13.8 10.6 16.0
71 30.4 23.3 34.9



#8
2-Chlorophenol
Concen: 45.902 ng
RT: 7.316 min Scan# 719
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 128 Resp: 841681
Ion Ratio Lower Upper
128 100
130 33.4 12.0 52.0
64 42.5 21.6 61.6

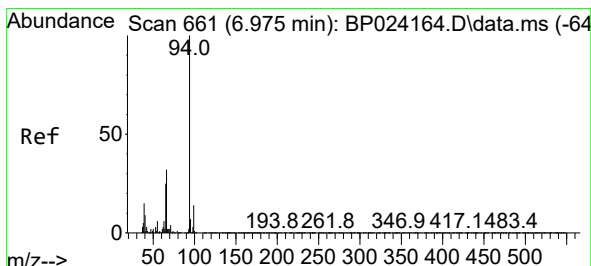
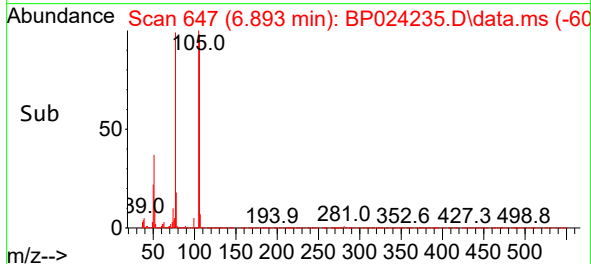
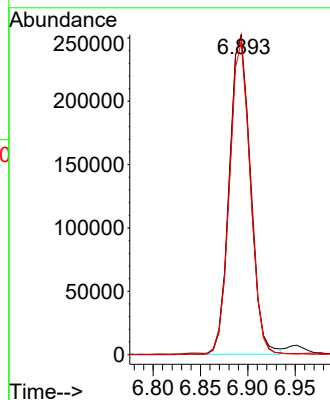
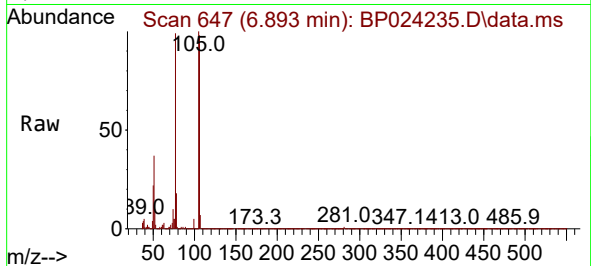




#9
Benzaldehyde
Concen: 35.565 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

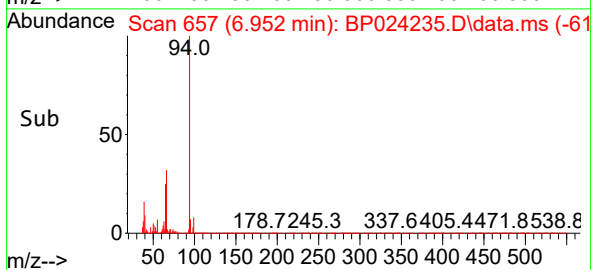
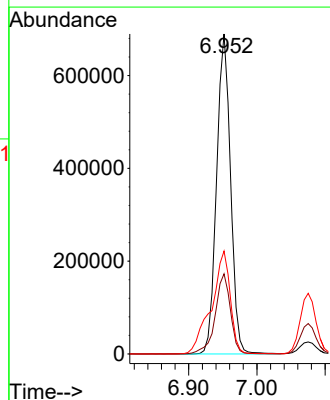
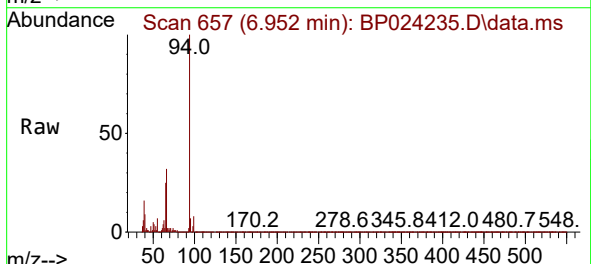
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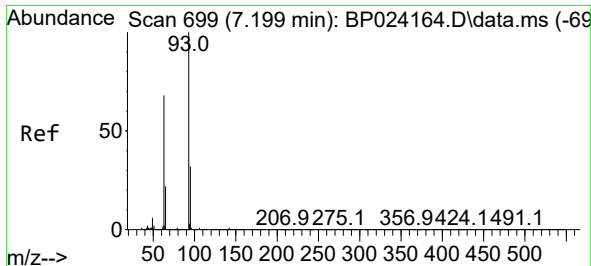
Tgt Ion: 77 Resp: 389619
Ion Ratio Lower Upper
77 100
105 100.7 81.4 121.4
106 98.4 81.1 121.1



#10
Phenol
Concen: 42.892 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.024 min
Lab File: BP024235.D
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Tgt Ion: 94 Resp: 982968
Ion Ratio Lower Upper
94 100
65 25.0 4.9 44.9
66 32.2 11.9 51.9

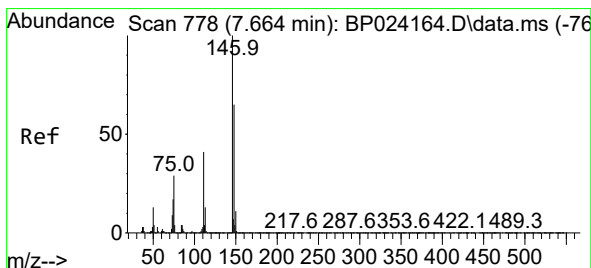
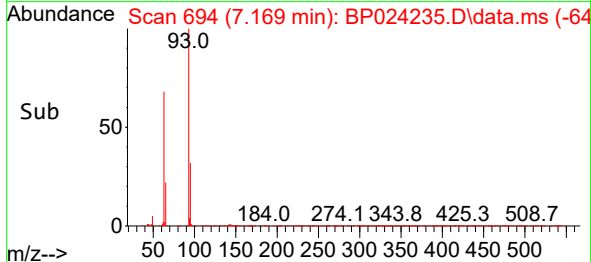
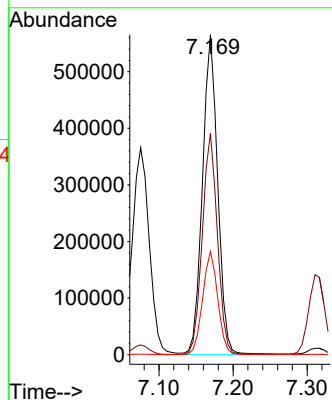
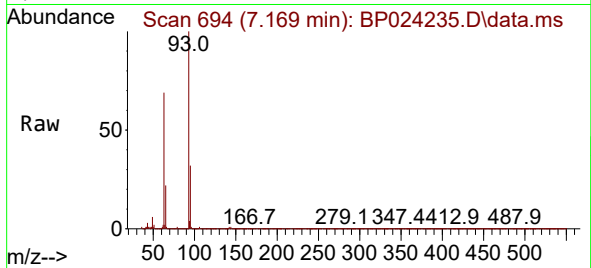




#11
bis(2-Chloroethyl)ether
Concen: 44.684 ng
RT: 7.169 min Scan# 699
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

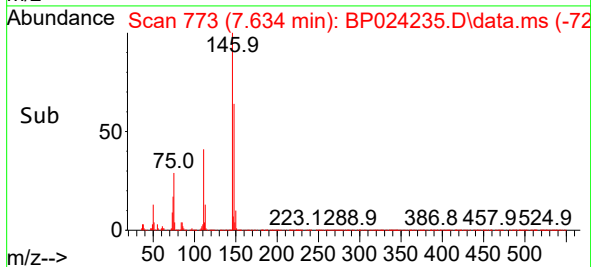
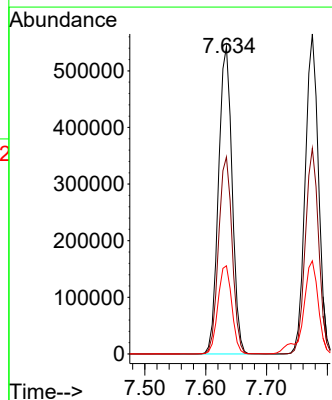
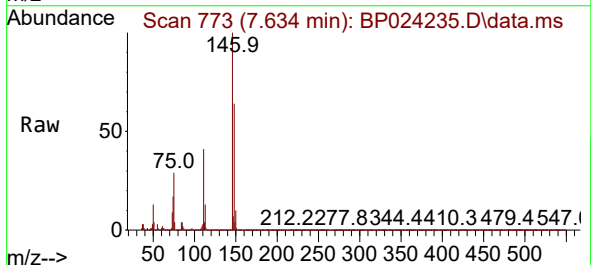
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

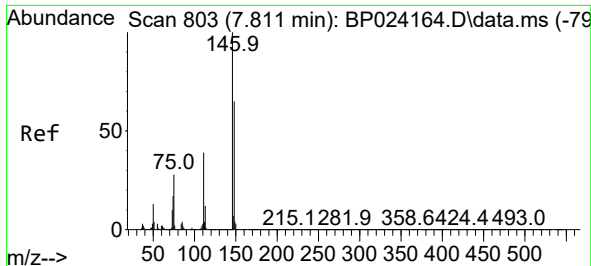
Tgt Ion: 93 Resp: 807543
Ion Ratio Lower Upper
93 100
63 69.2 47.4 87.4
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.484 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 146 Resp: 840076
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 28.7 22.8 34.2

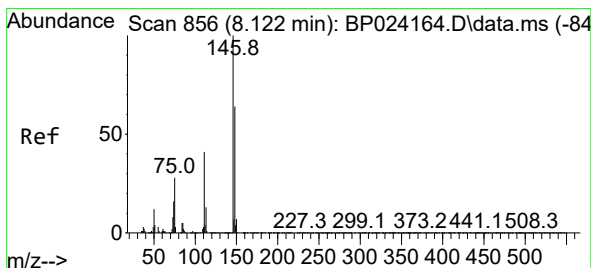
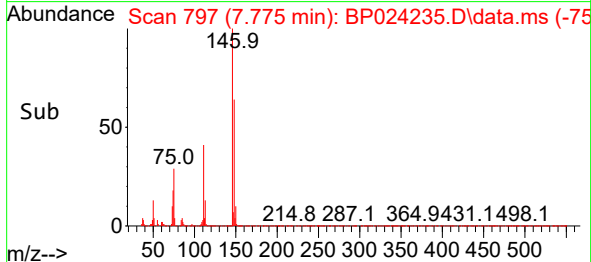
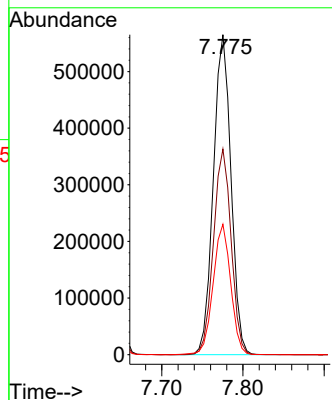
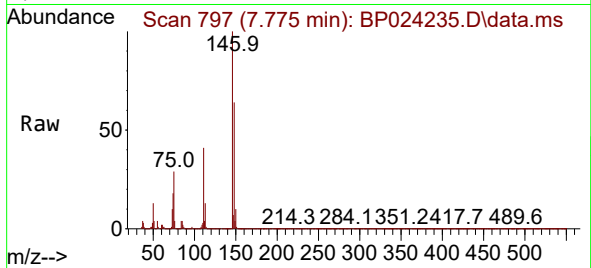




#13
1,4-Dichlorobenzene
Concen: 42.177 ng
RT: 7.775 min Scan# 79
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

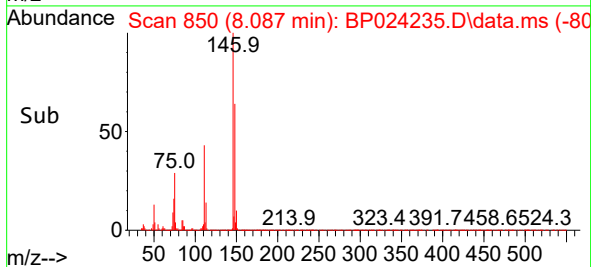
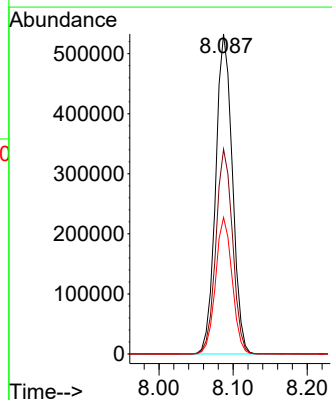
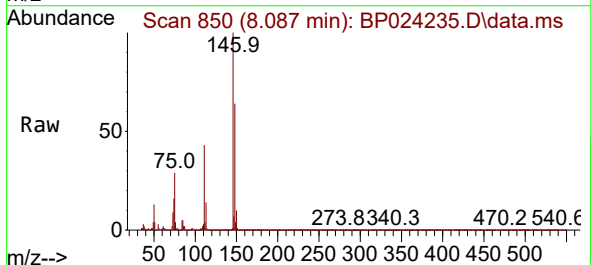
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

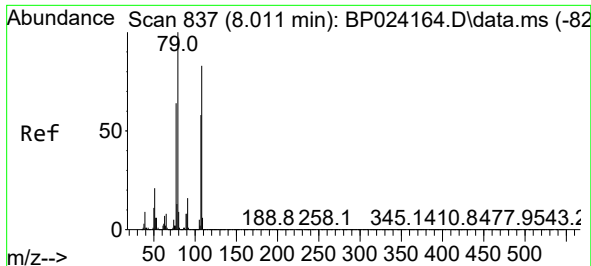
Tgt Ion:146 Resp: 851542
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 40.7 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 43.077 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:146 Resp: 834584
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 42.7 33.2 49.8

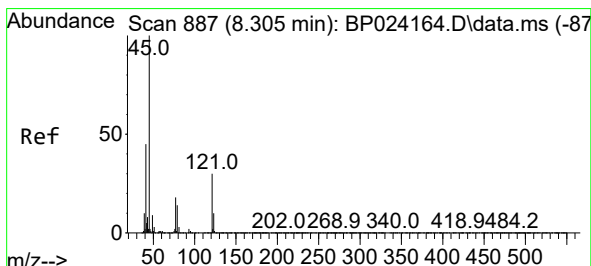
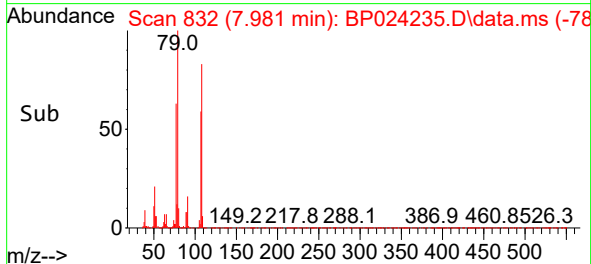
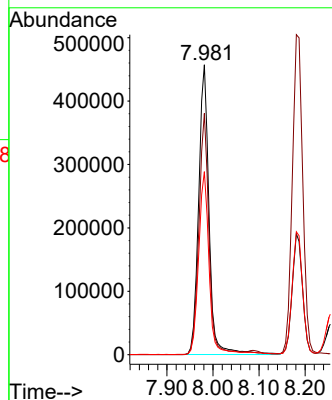
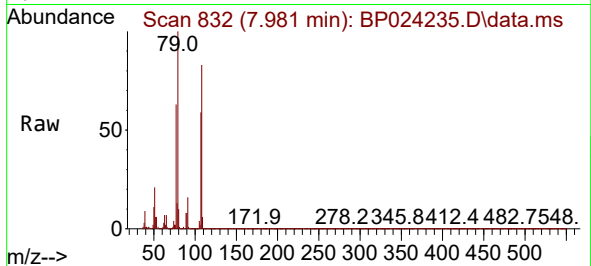




#15
Benzyl Alcohol
Concen: 50.127 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

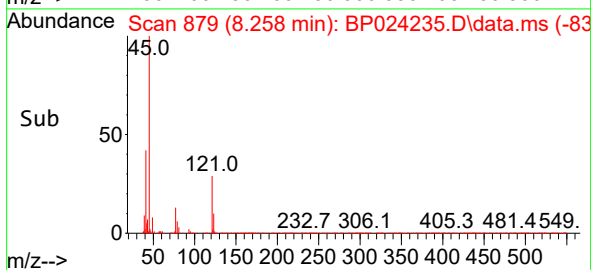
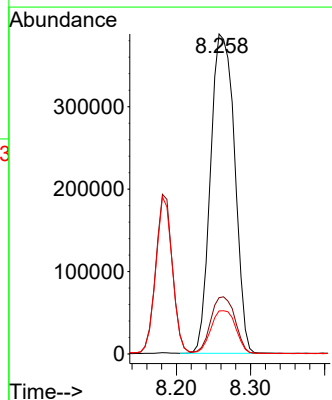
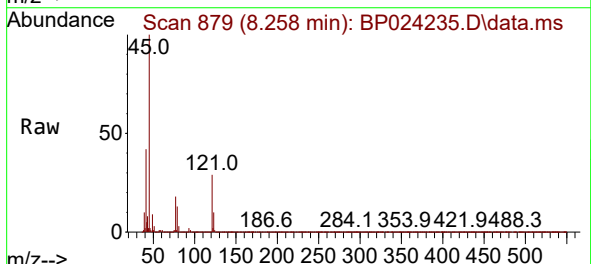
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

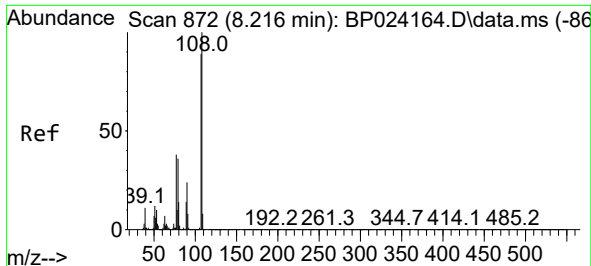
Tgt Ion: 79 Resp: 720438
Ion Ratio Lower Upper
79 100
108 83.2 66.5 99.7
77 63.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.286 ng
RT: 8.258 min Scan# 879
Delta R.T. -0.047 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 45 Resp: 872182
Ion Ratio Lower Upper
45 100
77 17.6 0.0 39.0
79 13.5 0.0 35.6

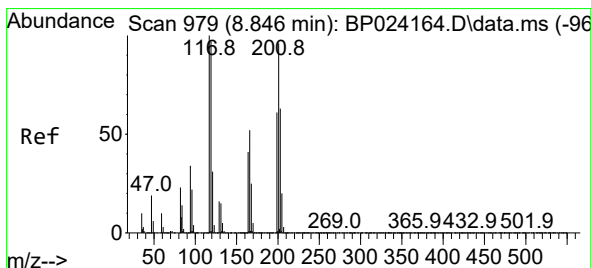
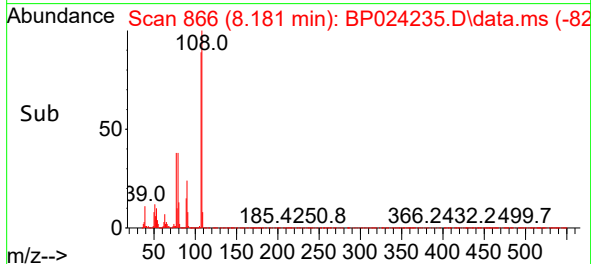
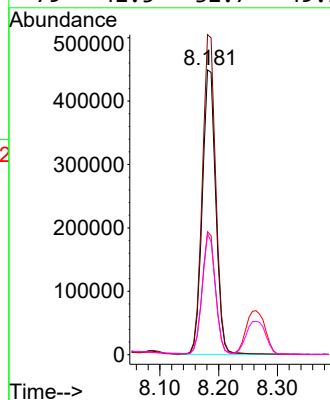
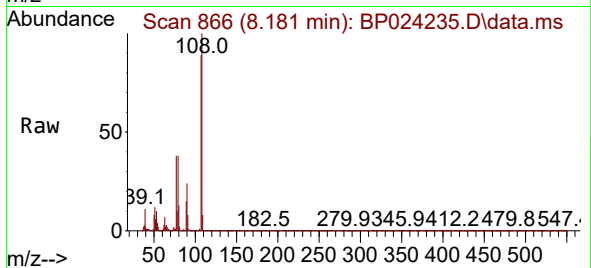




#17
2-Methylphenol
Concen: 49.426 ng
RT: 8.181 min Scan# 80
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

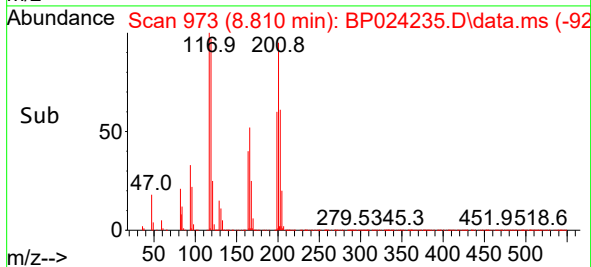
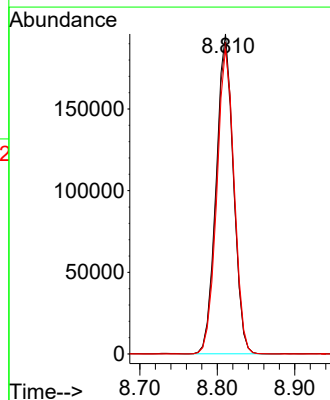
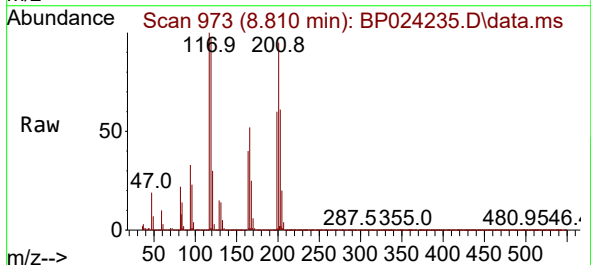
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

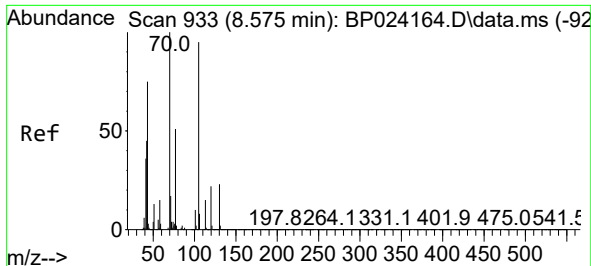
Tgt Ion:107 Resp: 710282
Ion Ratio Lower Upper
107 100
108 112.4 90.0 135.0
77 43.1 34.0 51.0
79 42.5 32.7 49.1



#18
Hexachloroethane
Concen: 42.568 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:117 Resp: 304911
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
201 95.3 76.6 114.8

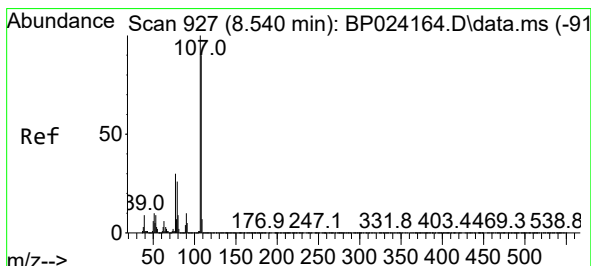
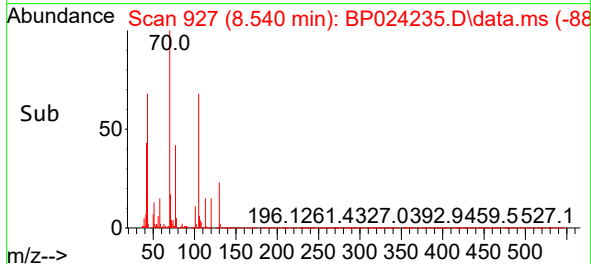
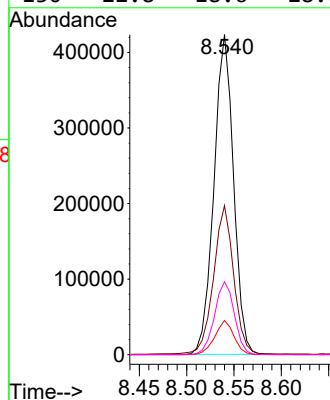
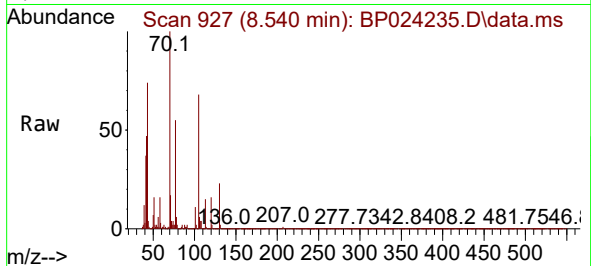




#19
n-Nitroso-di-n-propylamine
Concen: 46.249 ng
RT: 8.540 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

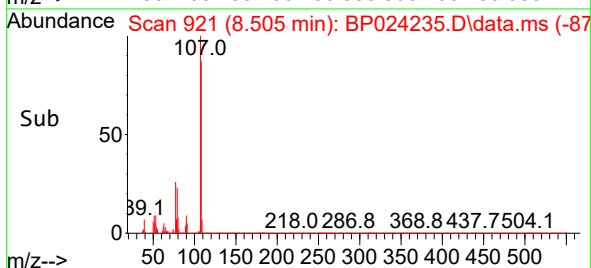
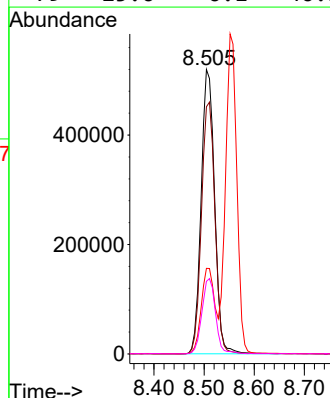
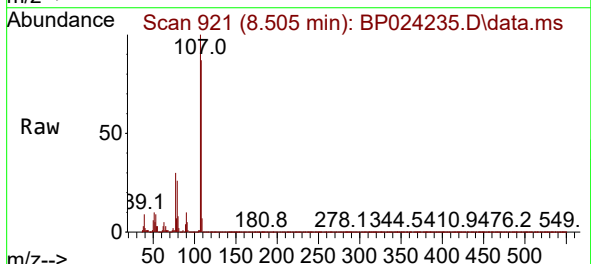
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

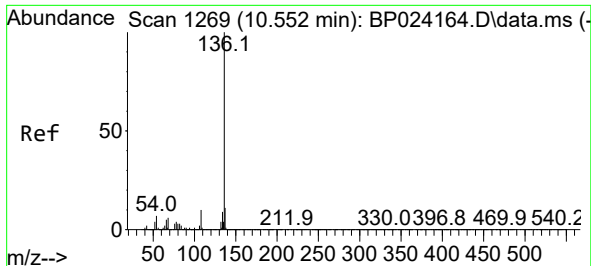
Tgt Ion:	70	Resp:	609100
Ion	Ratio	Lower	Upper
70	100		
42	46.6	36.0	54.0
101	10.7	8.3	12.5
130	22.8	18.6	28.0



#20
3+4-Methylphenols
Concen: 49.120 ng
RT: 8.505 min Scan# 921
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:	107	Resp:	969793
Ion	Ratio	Lower	Upper
107	100		
108	86.9	69.7	109.7
77	30.1	10.3	50.3
79	25.6	6.1	46.1

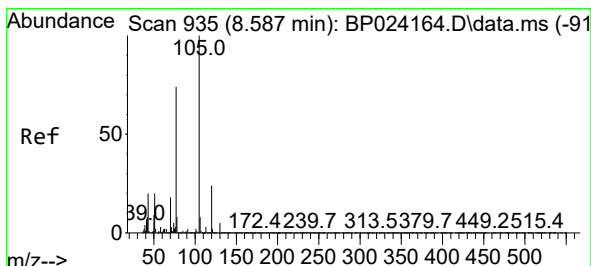
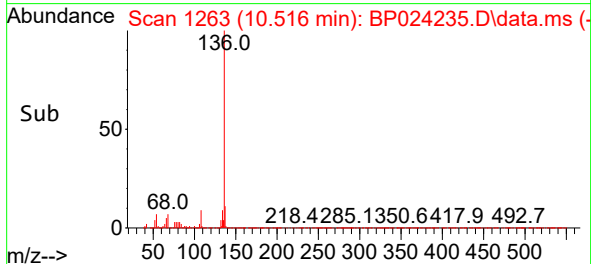
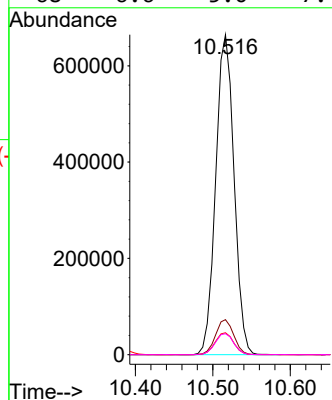
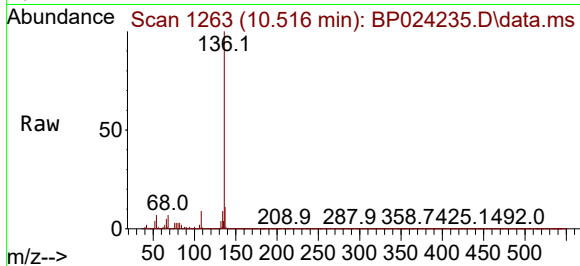




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

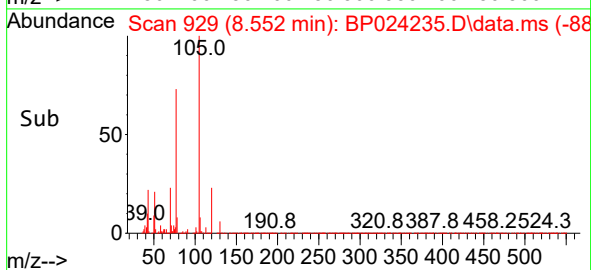
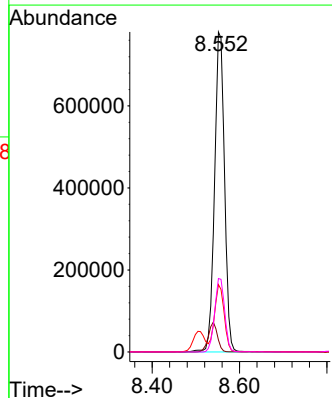
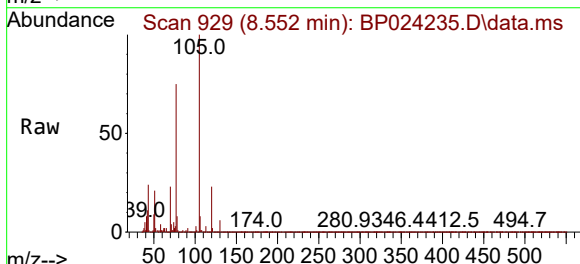
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

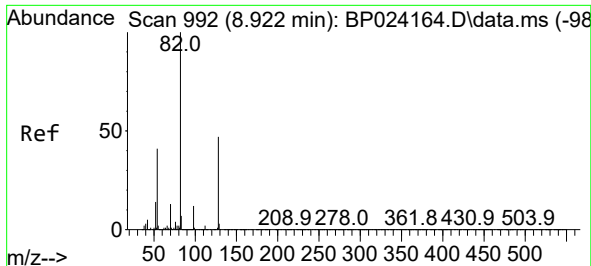
Tgt Ion:136 Resp: 1090214
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.8 5.3 7.9
68 6.6 5.0 7.4



#22
Acetophenone
Concen: 44.787 ng
RT: 8.552 min Scan# 929
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:105 Resp: 1234466
Ion Ratio Lower Upper
105 100
71 3.8 2.4 3.6#
51 21.1 16.2 24.2
120 22.9 19.0 28.6

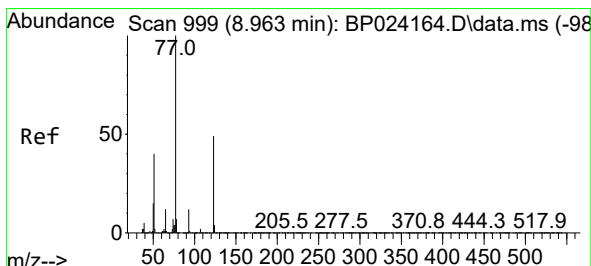
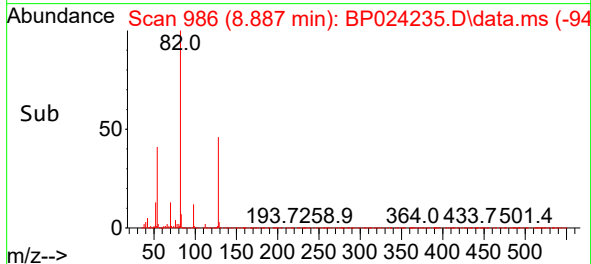
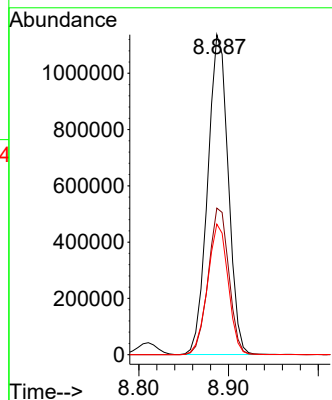
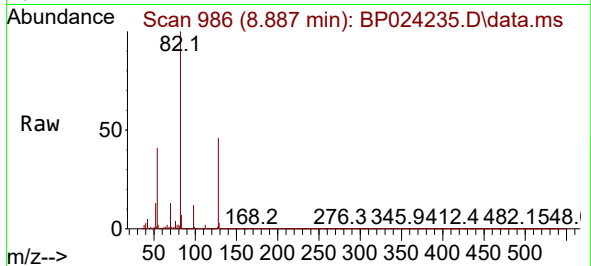




#23
Nitrobenzene-d5
Concen: 93.579 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

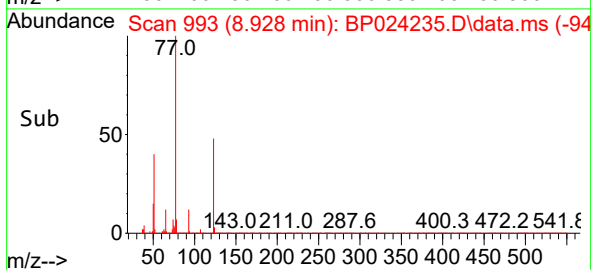
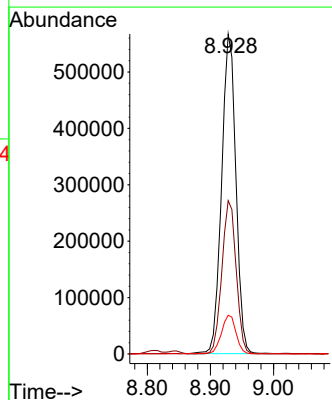
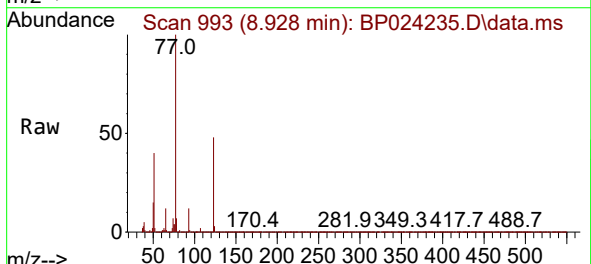
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

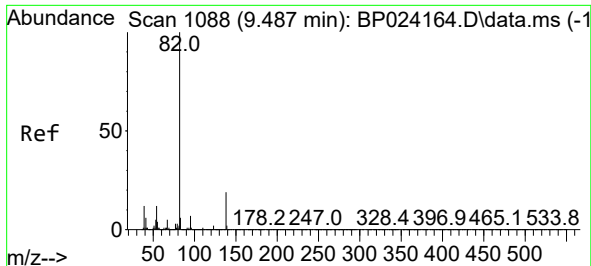
Tgt Ion: 82 Resp: 1808210
Ion Ratio Lower Upper
82 100
128 45.8 37.4 56.0
54 40.8 32.5 48.7



#24
Nitrobenzene
Concen: 46.804 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 77 Resp: 892165
Ion Ratio Lower Upper
77 100
123 47.9 39.4 59.2
65 12.1 9.9 14.9

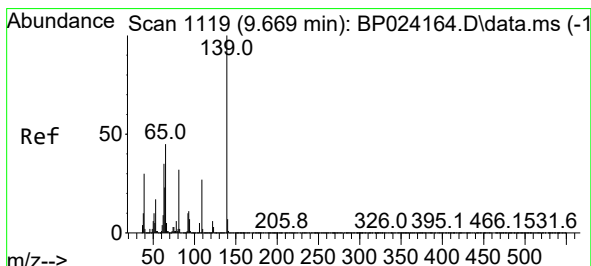
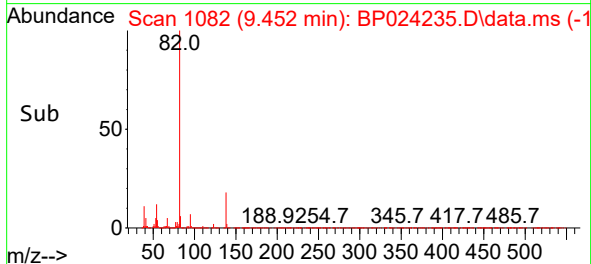
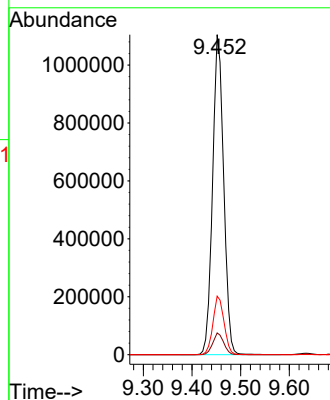
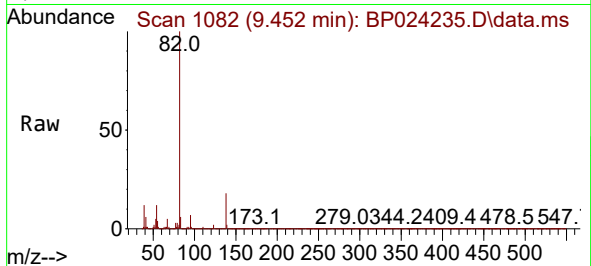




#25
Isophorone
Concen: 52.523 ng
RT: 9.452 min Scan# 1082
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

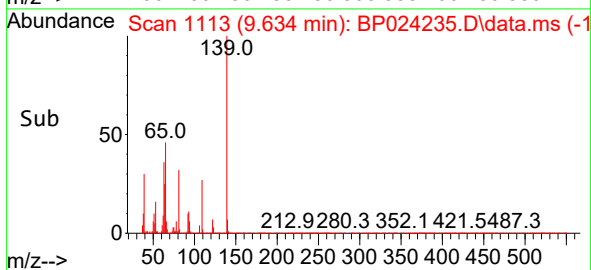
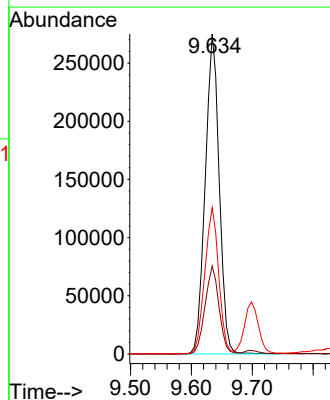
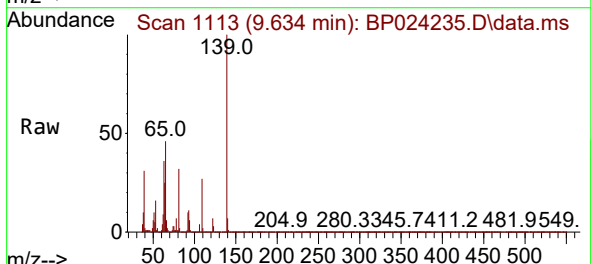
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

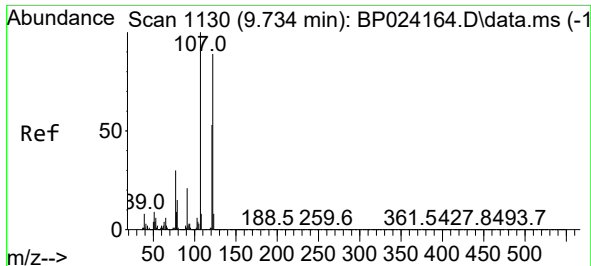
Tgt Ion: 82 Resp: 1739699
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.3 14.8 22.2



#26
2-Nitrophenol
Concen: 48.105 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 139 Resp: 438012
Ion Ratio Lower Upper
139 100
109 27.5 21.7 32.5
65 45.8 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 67.179 ng

RT: 9.699 min Scan# 1124

Delta R.T. -0.035 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

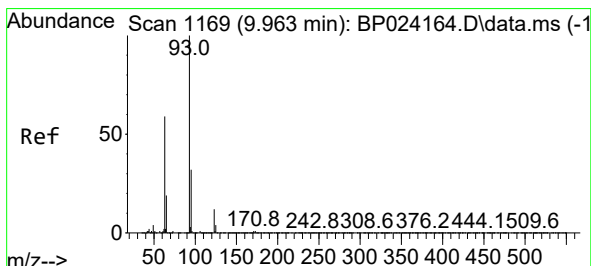
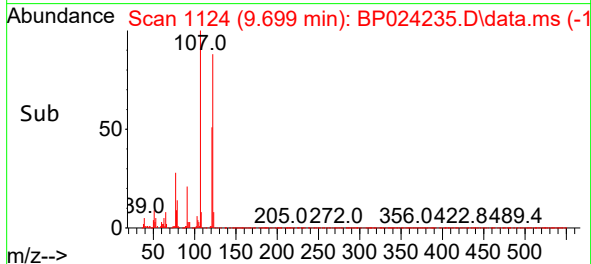
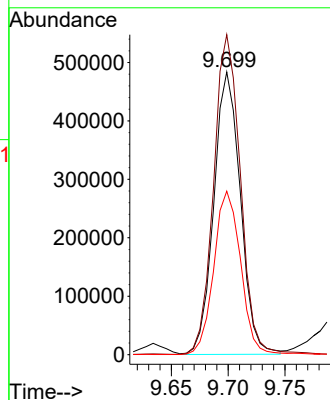
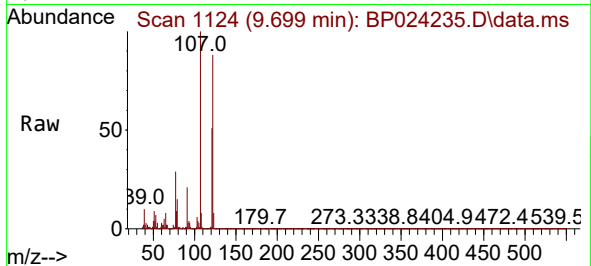
Tgt Ion:122 Resp: 786545

Ion Ratio Lower Upper

122 100

107 113.2 89.3 133.9

121 57.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.317 ng

RT: 9.928 min Scan# 1163

Delta R.T. -0.035 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

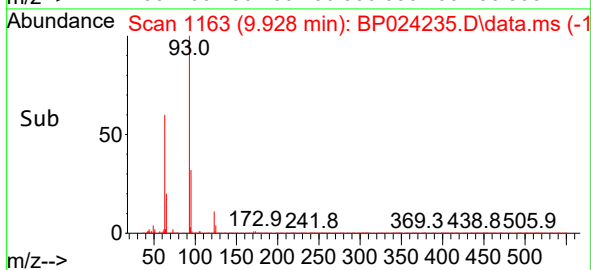
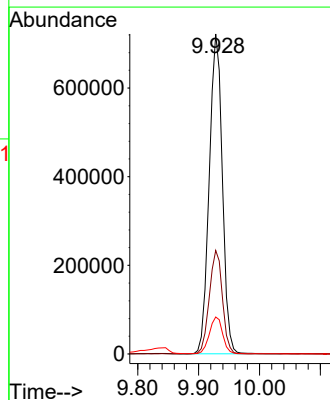
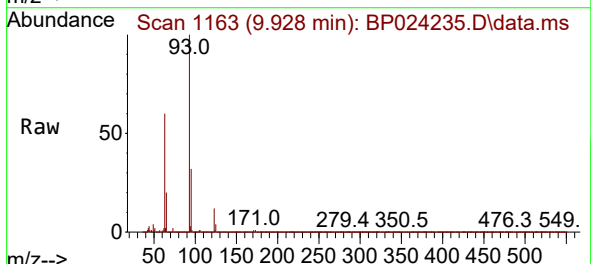
Tgt Ion: 93 Resp: 1079269

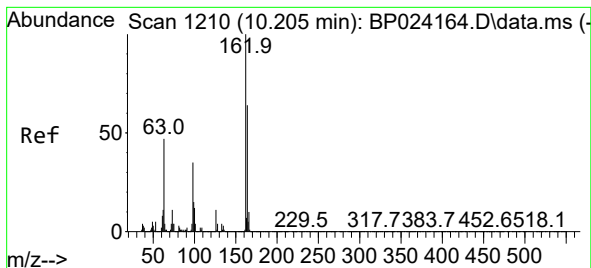
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.258 ng

RT: 10.169 min Scan# 1210

Delta R.T. -0.035 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

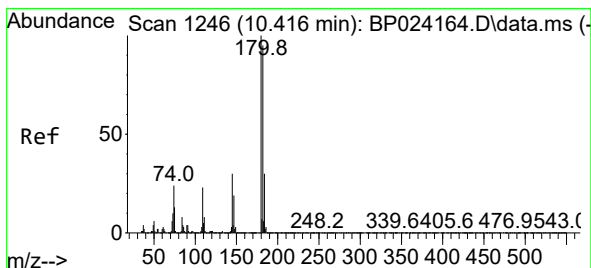
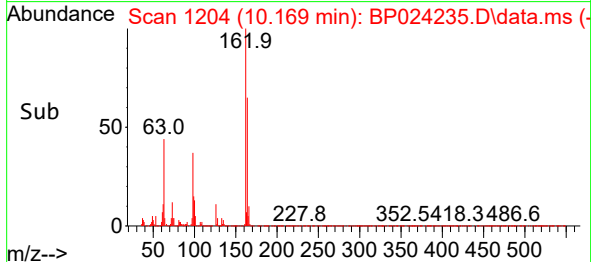
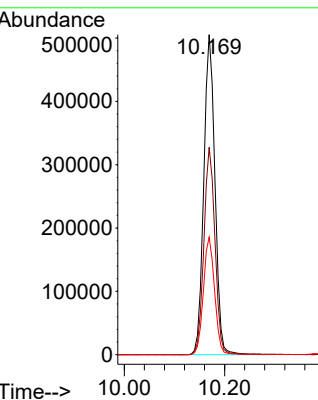
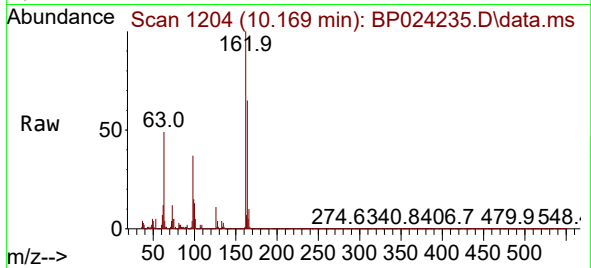
Tgt Ion:162 Resp: 780174

Ion Ratio Lower Upper

162 100

164 64.8 44.2 84.2

98 36.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 43.144 ng

RT: 10.381 min Scan# 1240

Delta R.T. -0.035 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

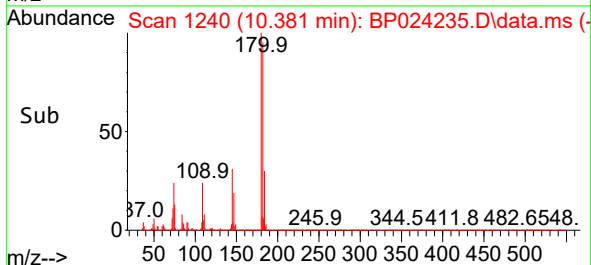
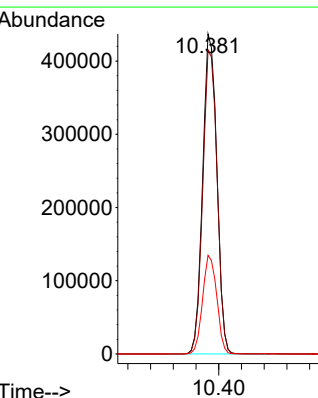
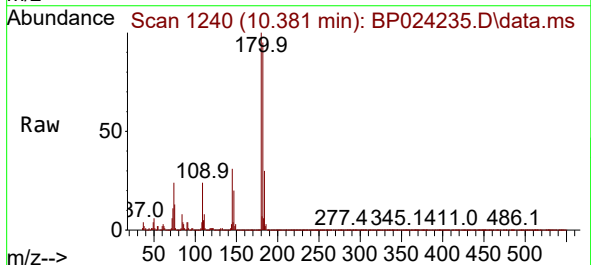
Tgt Ion:180 Resp: 754982

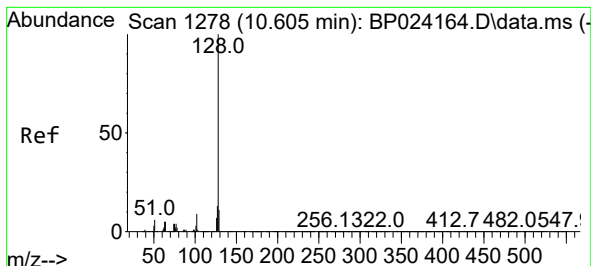
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

145 30.8 24.2 36.2

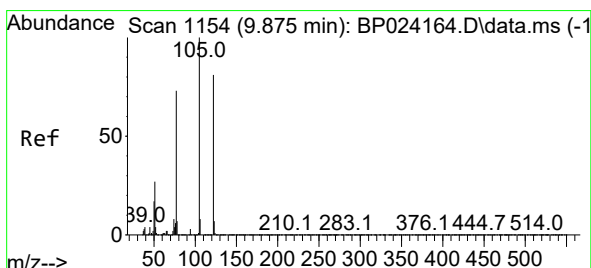
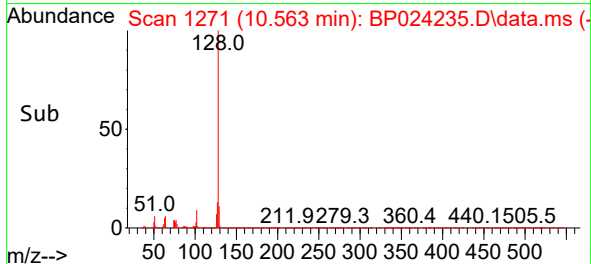
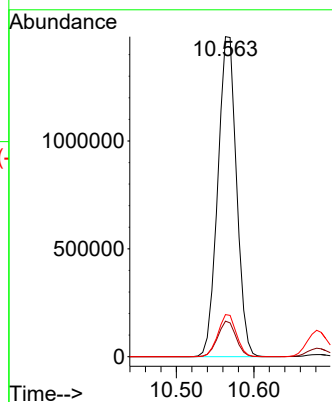
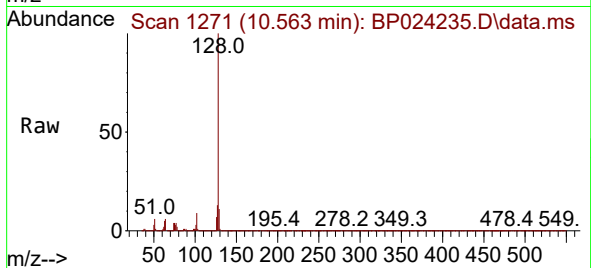




#31
Naphthalene
Concen: 43.181 ng
RT: 10.563 min Scan# 111
Delta R.T. -0.041 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

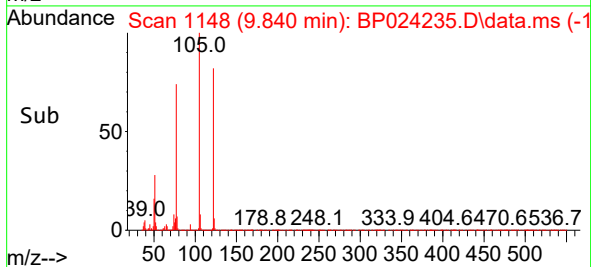
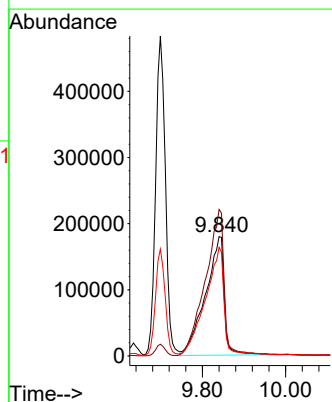
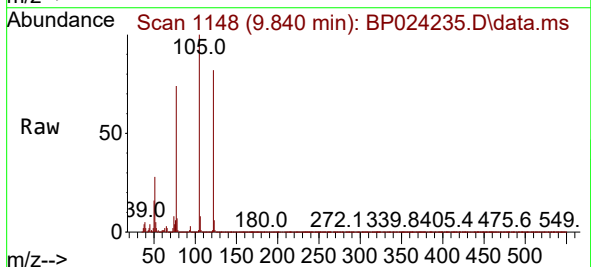
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

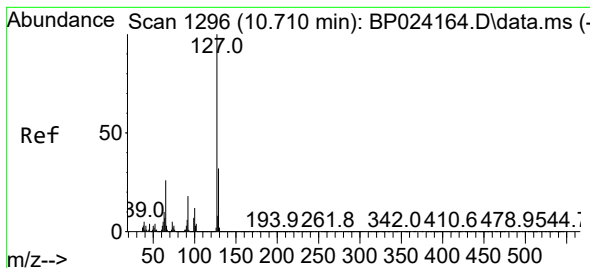
Tgt Ion:128 Resp: 2495466
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 49.414 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:122 Resp: 564235
Ion Ratio Lower Upper
122 100
105 122.7 100.3 140.3
77 90.9 69.1 109.1





#33

4-Chloroaniline

Concen: 11.517 ng

RT: 10.681 min Scan# 1291

Delta R.T. -0.029 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

Tgt Ion:127 Resp: 238189

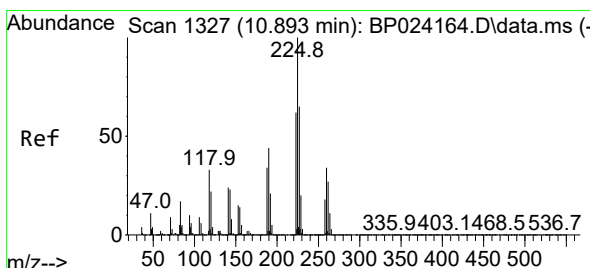
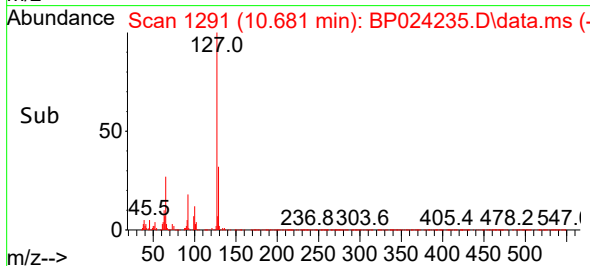
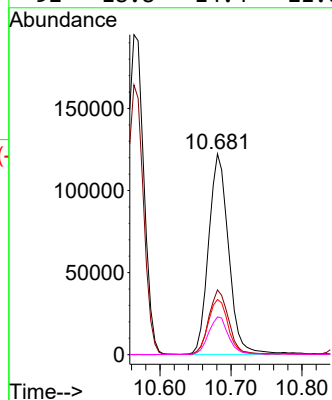
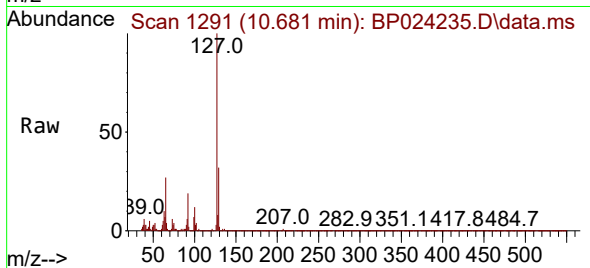
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.6

65 27.5 21.2 31.8

92 18.8 14.4 21.6



#34

Hexachlorobutadiene

Concen: 42.245 ng

RT: 10.852 min Scan# 1320

Delta R.T. -0.041 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

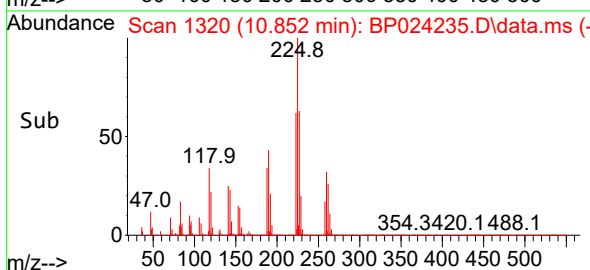
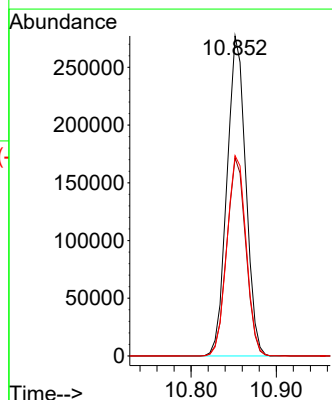
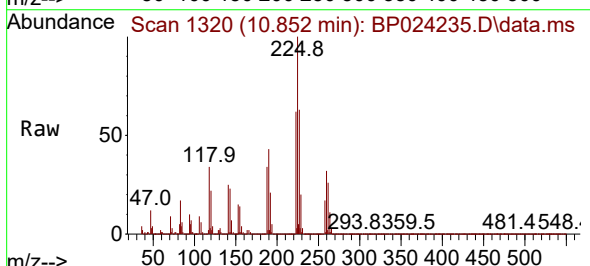
Tgt Ion:225 Resp: 425450

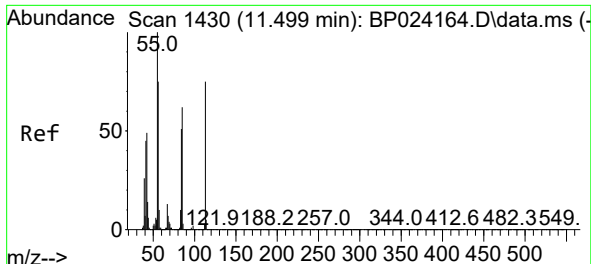
Ion Ratio Lower Upper

225 100

223 61.9 49.9 74.9

227 62.6 52.2 78.2

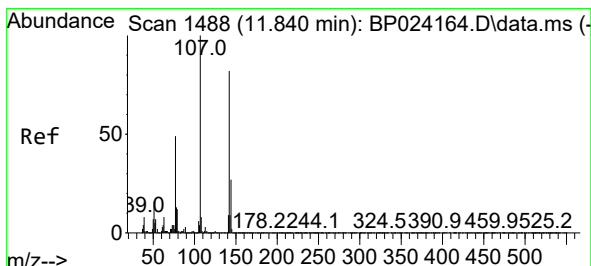
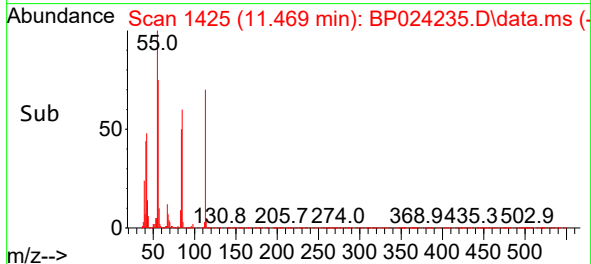
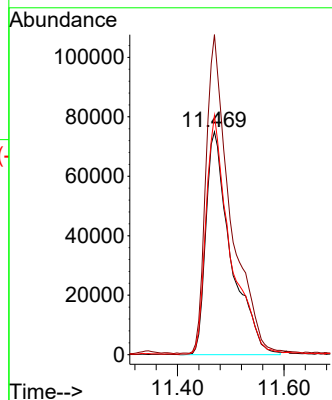
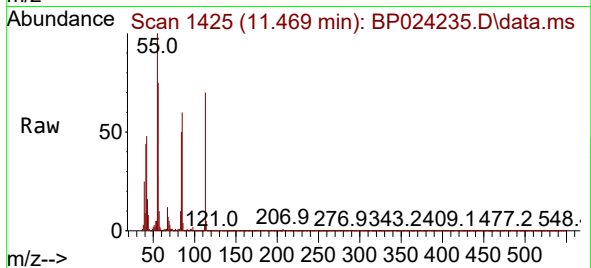




#35
Caprolactam
Concen: 46.894 ng
RT: 11.469 min Scan# 1430
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

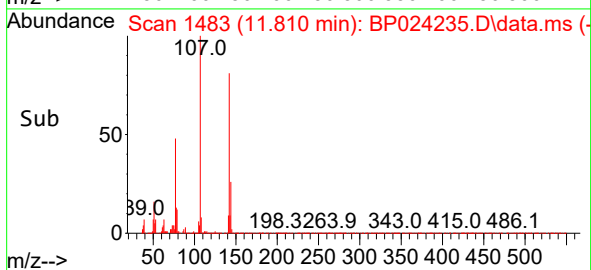
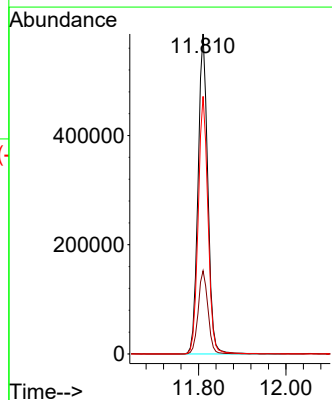
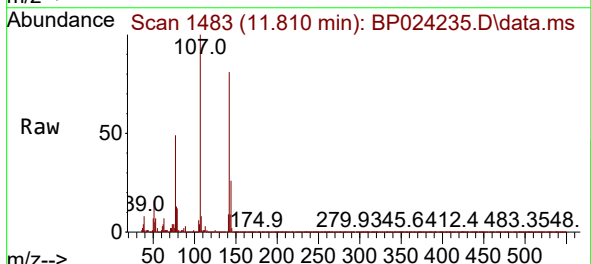
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

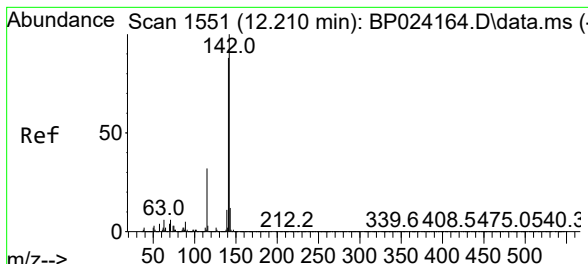
Tgt Ion:113 Resp: 243422
Ion Ratio Lower Upper
113 100
55 143.6 113.6 153.6
56 107.3 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 53.283 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:107 Resp: 910400
Ion Ratio Lower Upper
107 100
144 26.0 21.6 32.4
142 80.5 65.4 98.0



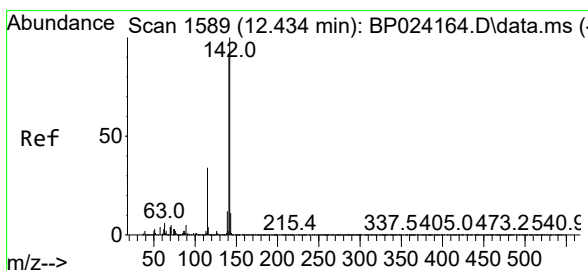
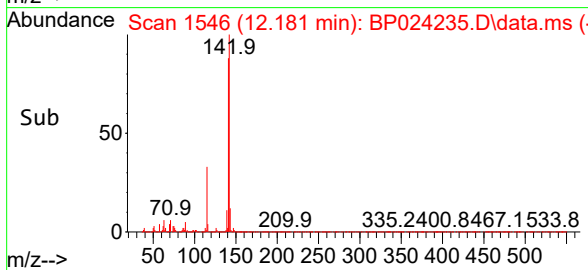
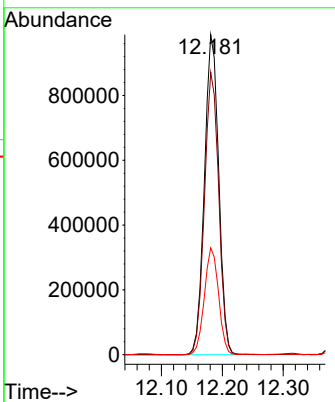
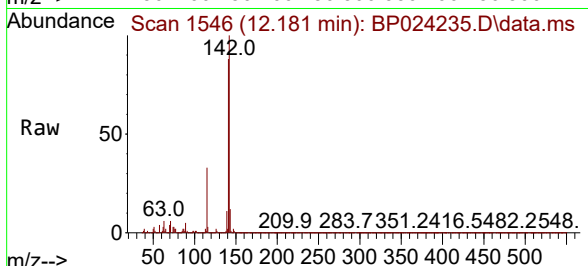


#37
 2-Methylnaphthalene
 Concen: 41.234 ng
 RT: 12.181 min Scan# 1546
 Delta R.T. -0.029 min
 Lab File: BP024235.D
 Acq: 09 Apr 2025 14:59

Instrument :
 BNA_P
 ClientSampleId :
 Z-05AMS

Tgt Ion:142 Resp: 1609854

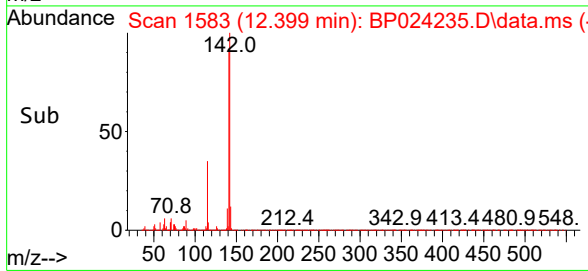
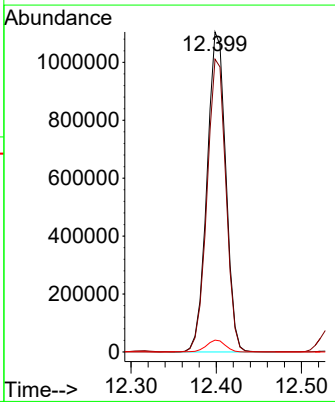
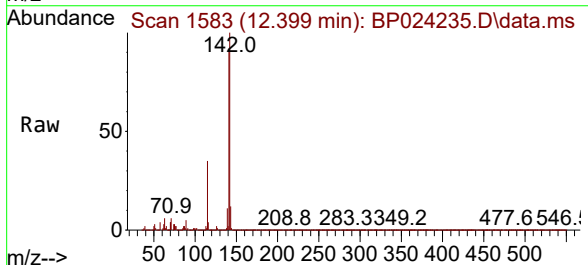
Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	33.4	26.0	39.0

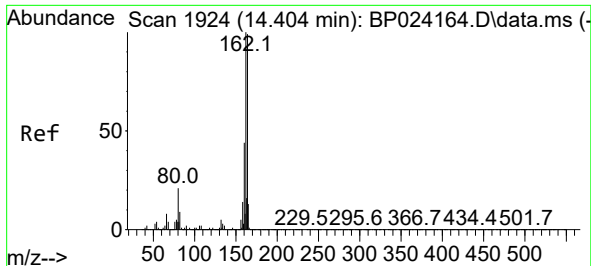


#38
 1-Methylnaphthalene
 Concen: 44.683 ng
 RT: 12.399 min Scan# 1583
 Delta R.T. -0.035 min
 Lab File: BP024235.D
 Acq: 09 Apr 2025 14:59

Tgt Ion:142 Resp: 1696761

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.9	110.9
116	3.7	2.8	4.2

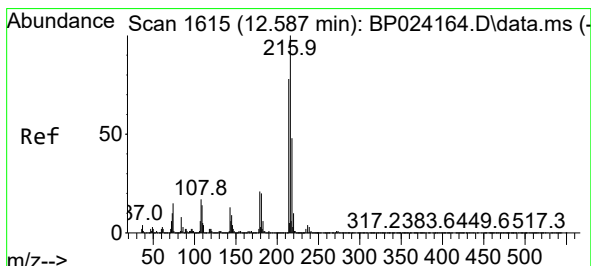
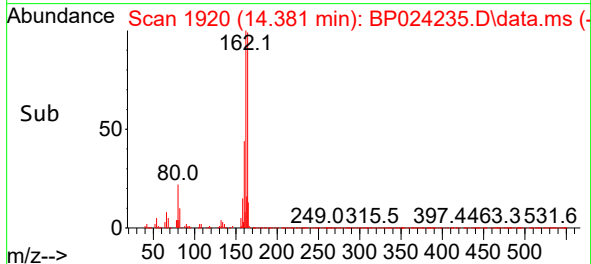
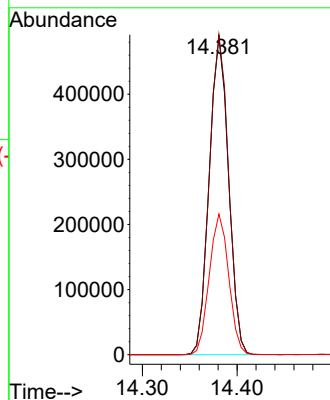
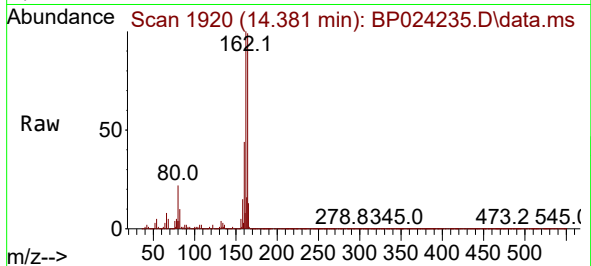




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

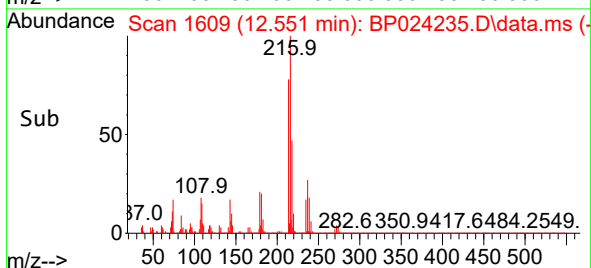
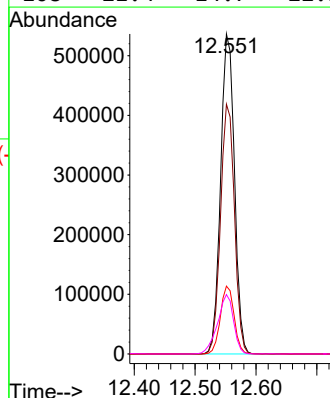
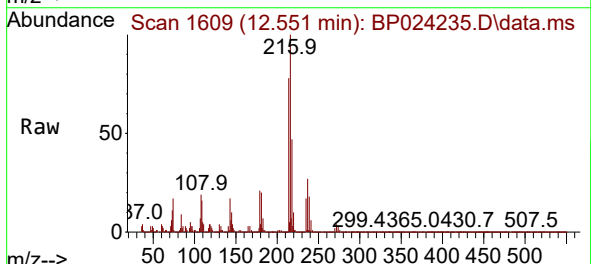
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

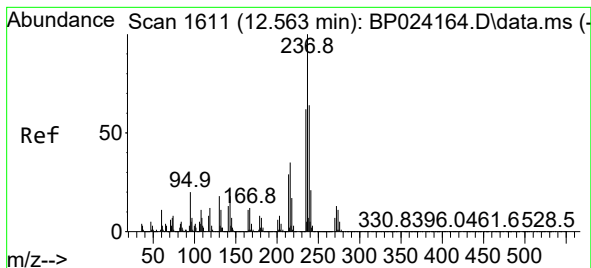
Tgt Ion:164 Resp: 692071
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.4 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.350 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:216 Resp: 847246
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 21.0 16.8 25.2
108 21.4 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 142.287 ng

RT: 12.534 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

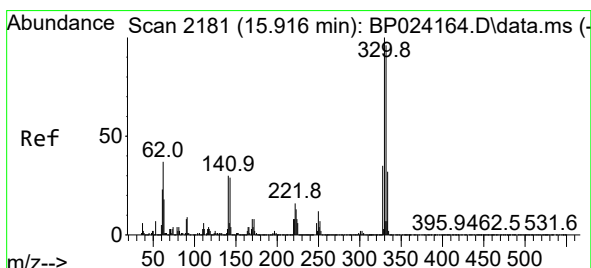
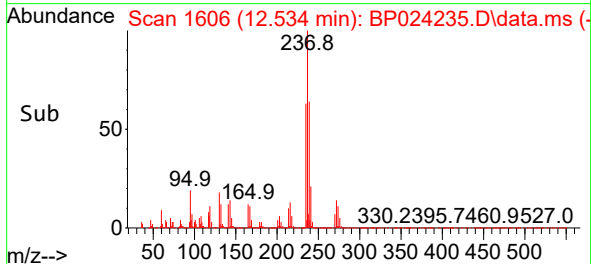
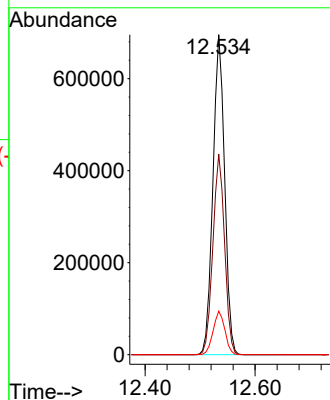
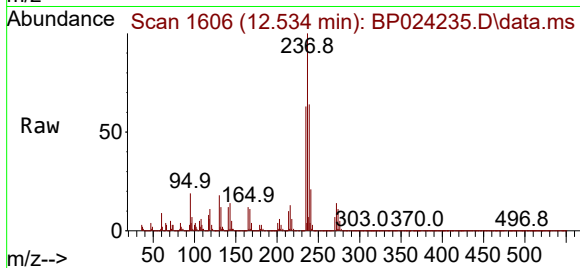
Tgt Ion:237 Resp: 1026085

Ion Ratio Lower Upper

237 100

235 62.6 41.8 81.8

272 13.6 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 154.638 ng

RT: 15.904 min Scan# 2179

Delta R.T. -0.012 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

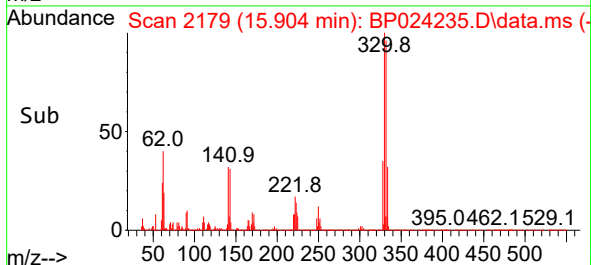
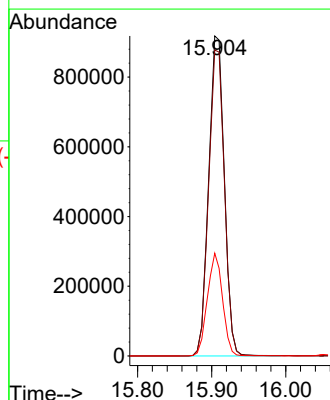
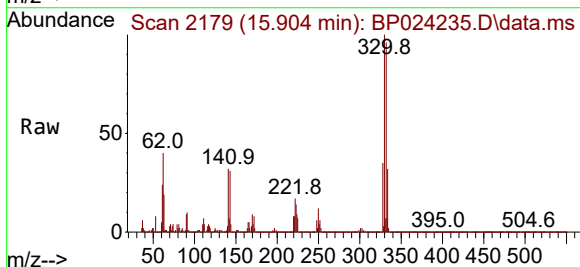
Tgt Ion:330 Resp: 1348057

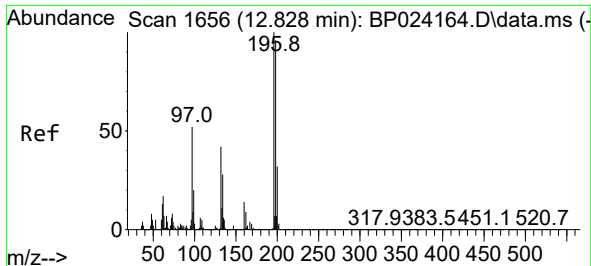
Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 31.2 25.0 37.6

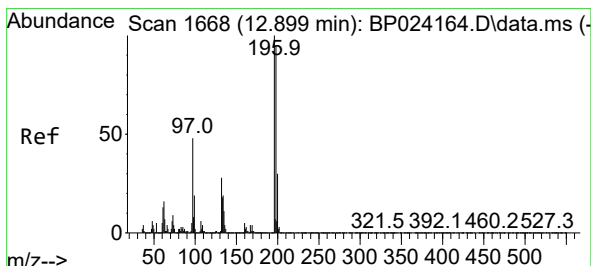
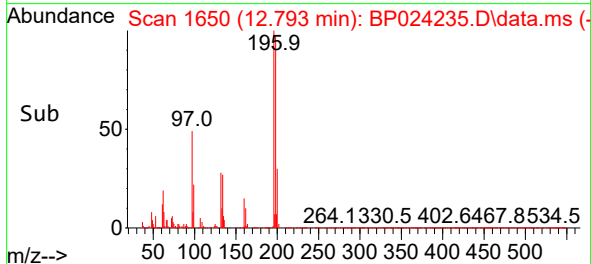
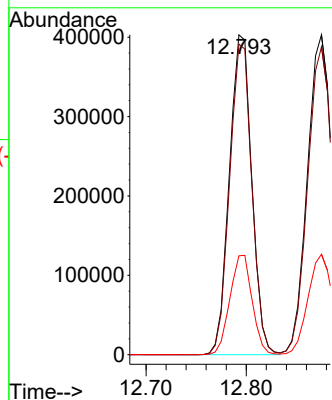
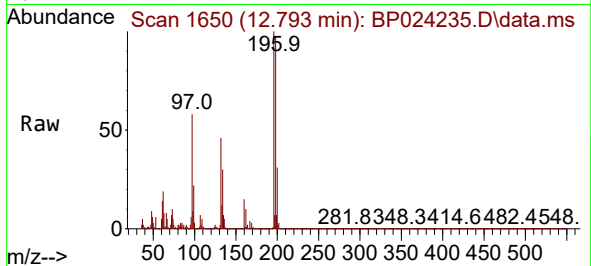




#43
2,4,6-Trichlorophenol
Concen: 49.322 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.035 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

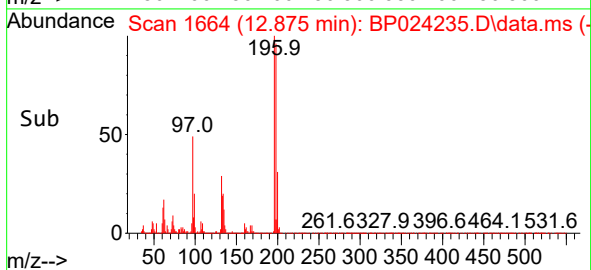
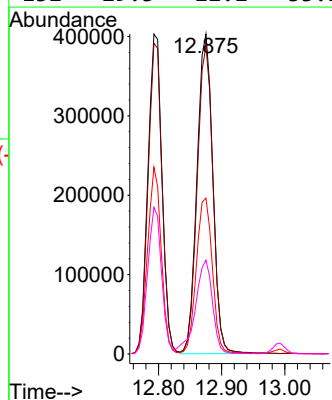
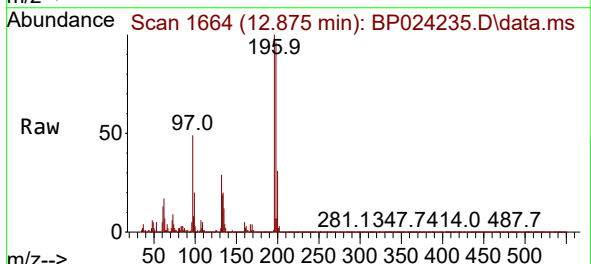
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

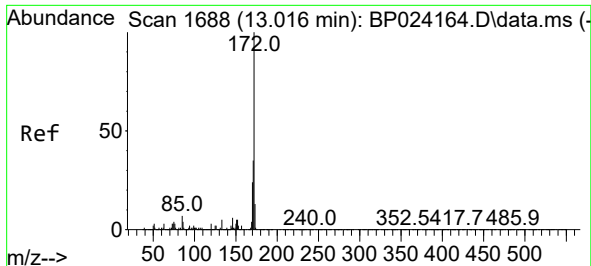
Tgt Ion:196 Resp: 627082
Ion Ratio Lower Upper
196 100
198 97.1 76.6 115.0
200 30.9 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 50.306 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:196 Resp: 701418
Ion Ratio Lower Upper
196 100
198 96.2 76.5 114.7
97 48.7 38.7 58.1
132 29.3 22.2 33.2

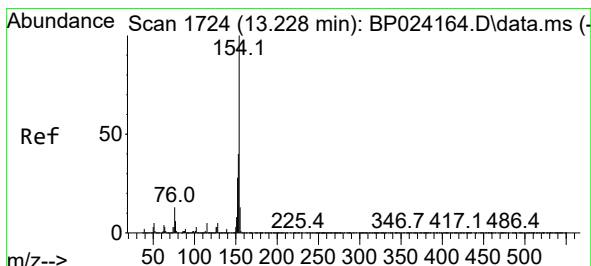
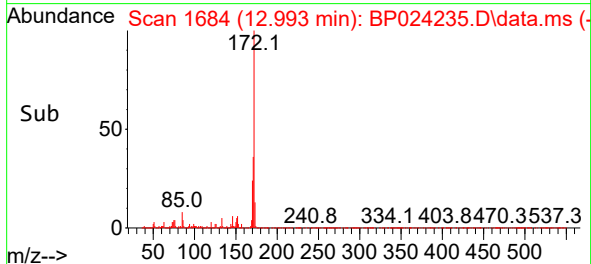
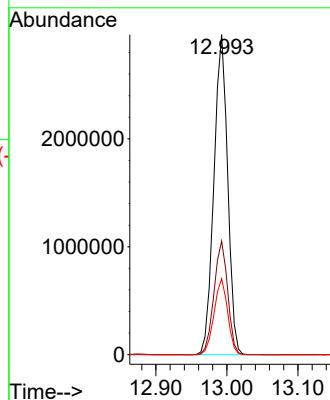
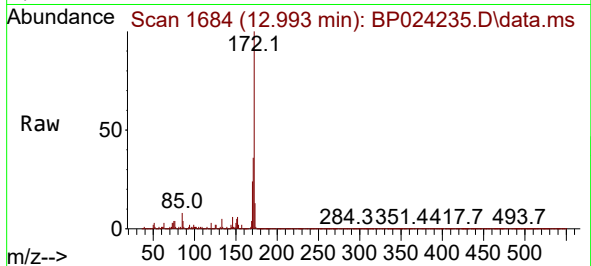




#45
2-Fluorobiphenyl
Concen: 84.843 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

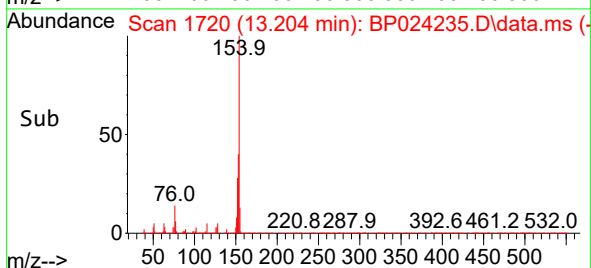
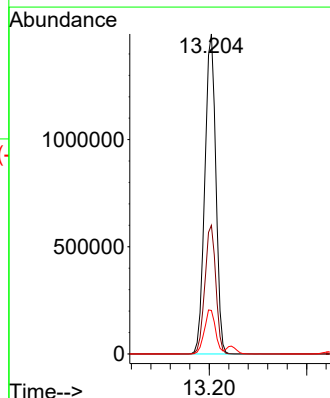
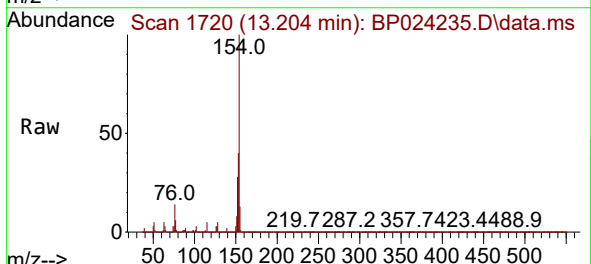
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

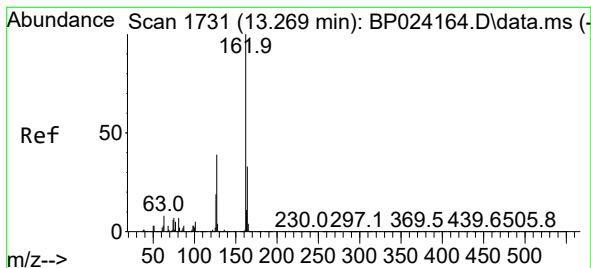
Tgt Ion:172 Resp: 3982098
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.829 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:154 Resp: 2331388
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.6 0.0 32.9

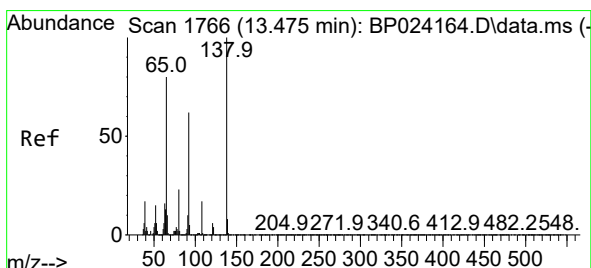
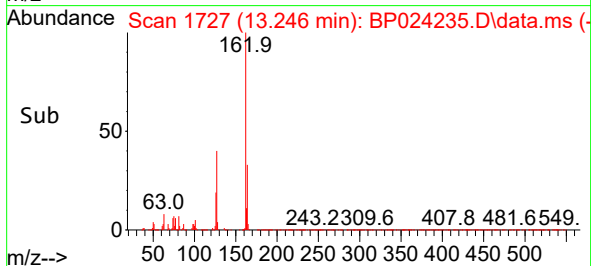
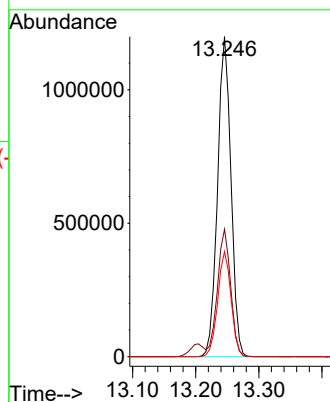
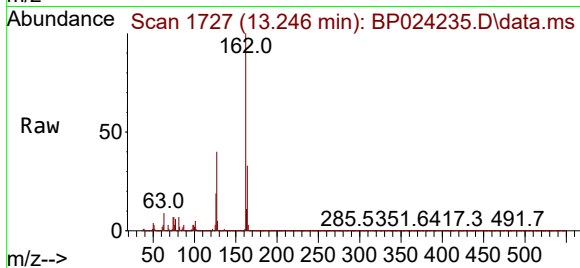




#47
2-Chloronaphthalene
Concen: 45.030 ng
RT: 13.246 min Scan# 1727
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

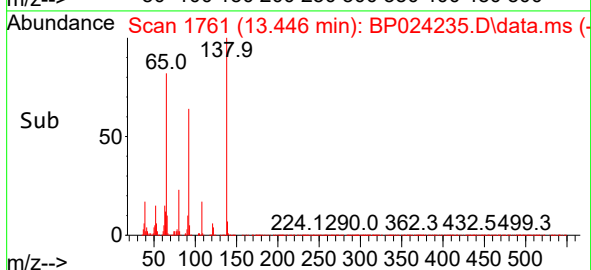
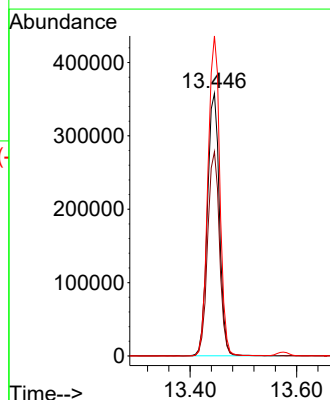
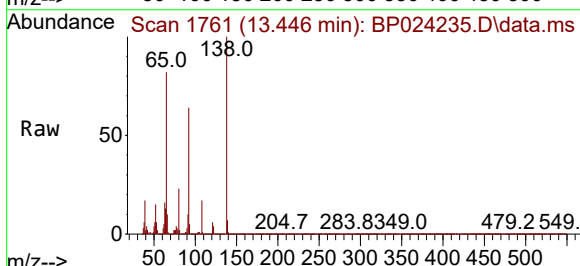
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

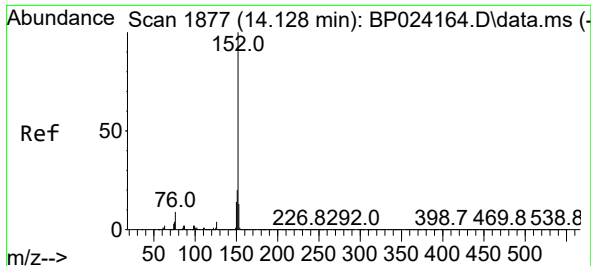
Tgt Ion:162 Resp: 1761462
Ion Ratio Lower Upper
162 100
127 39.9 31.5 47.3
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 55.773 ng
RT: 13.446 min Scan# 1761
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion: 65 Resp: 558019
Ion Ratio Lower Upper
65 100
92 77.8 62.1 93.1
138 121.8 99.5 149.3

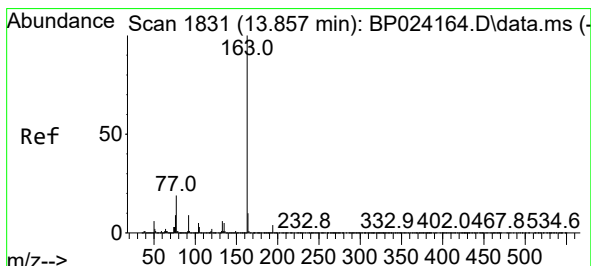
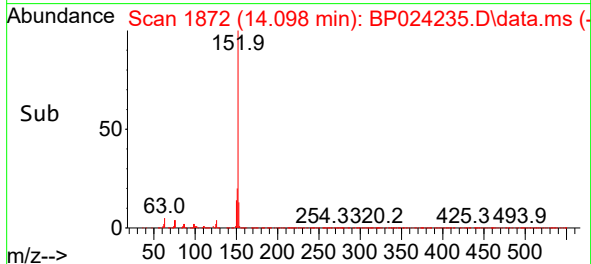
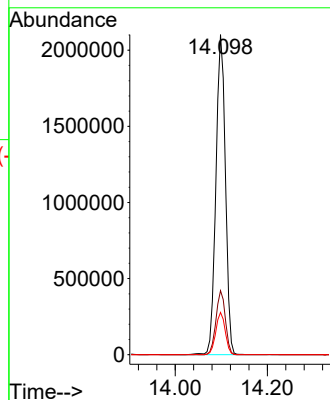
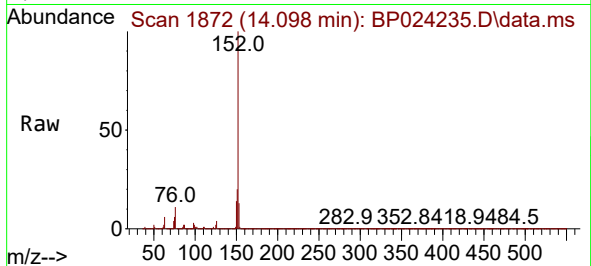




#49
Acenaphthylene
Concen: 50.797 ng
RT: 14.098 min Scan# 1872
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

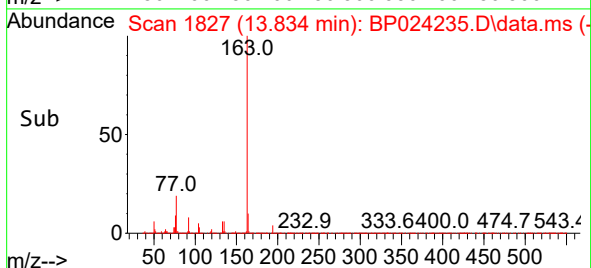
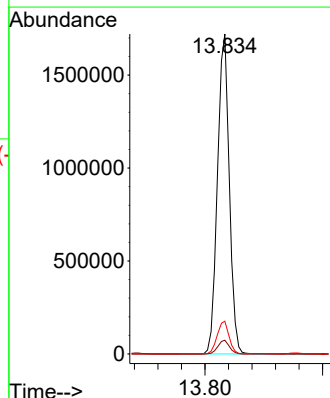
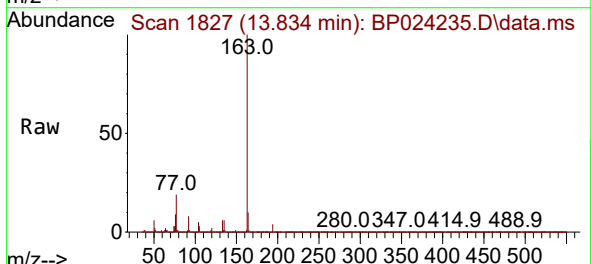
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

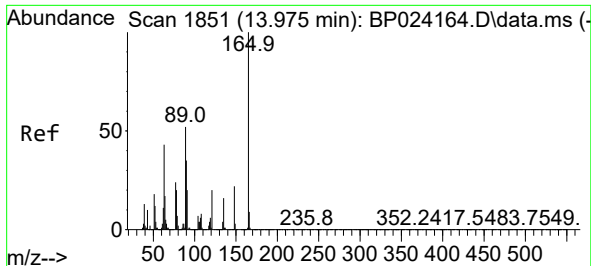
Tgt Ion:152 Resp: 3006607
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 49.497 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:163 Resp: 2396925
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.2 12.4

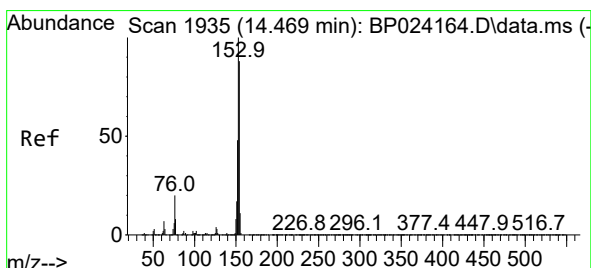
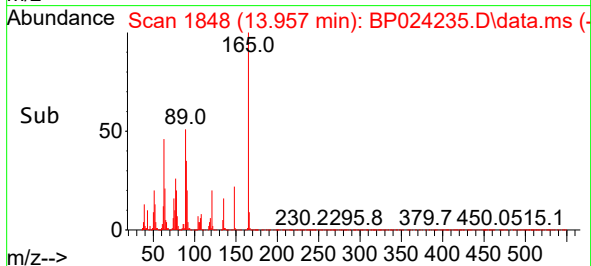
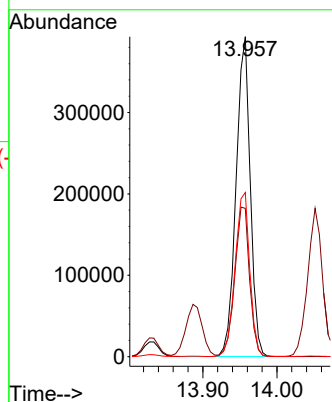
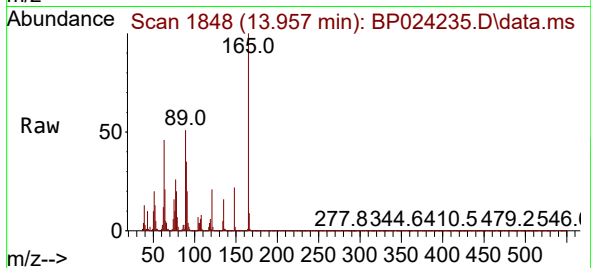




#51
2,6-Dinitrotoluene
Concen: 51.265 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.018 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

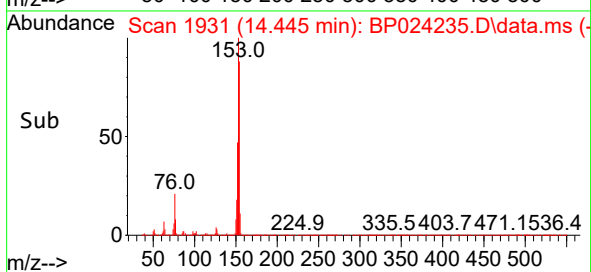
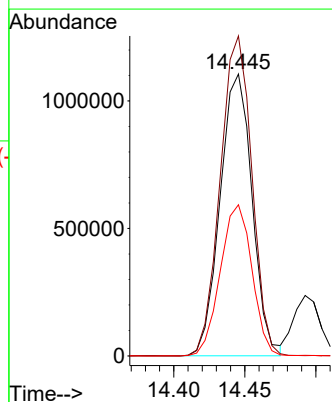
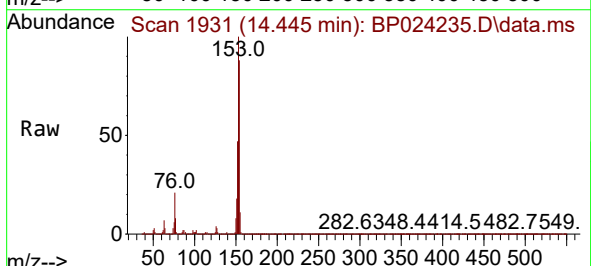
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

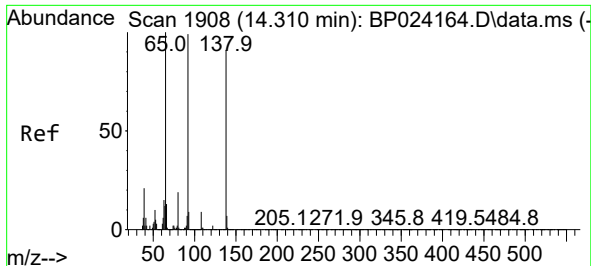
Tgt Ion:165 Resp: 522334
Ion Ratio Lower Upper
165 100
63 46.3 37.7 56.5
89 51.3 41.9 62.9



#52
Acenaphthene
Concen: 45.859 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:154 Resp: 1734273
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 53.6 43.1 64.7

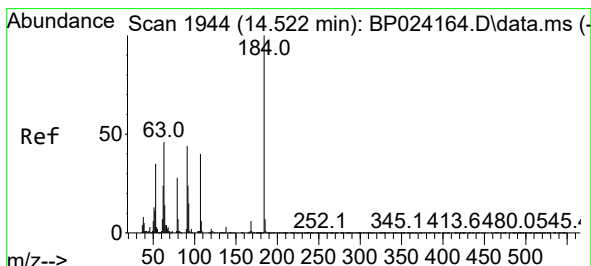
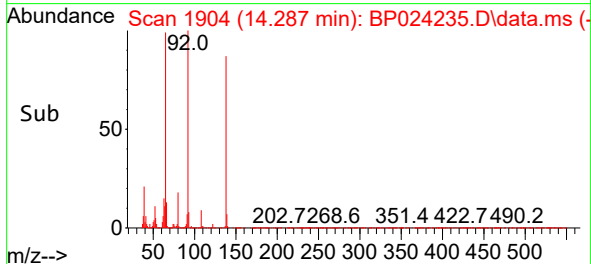
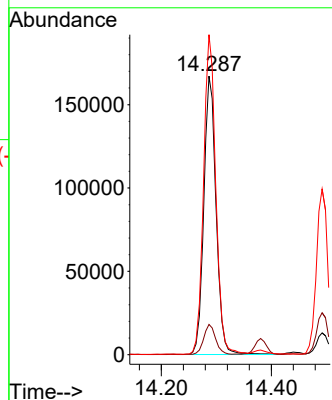
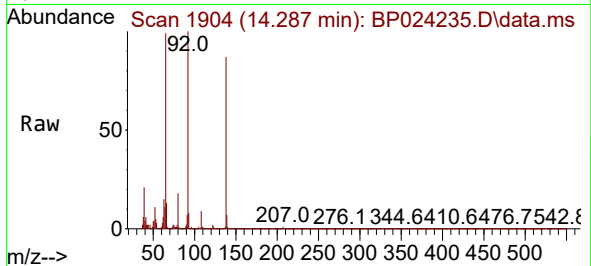




#53
3-Nitroaniline
Concen: 23.562 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

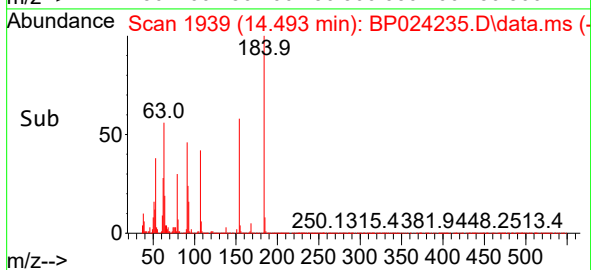
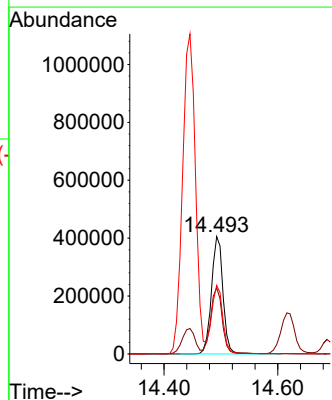
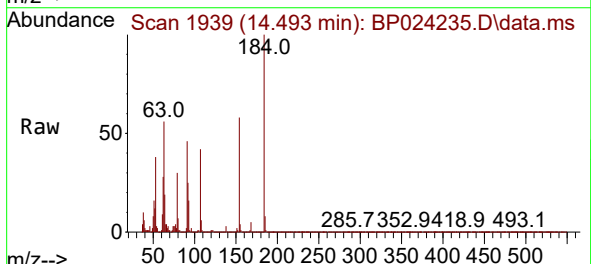
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

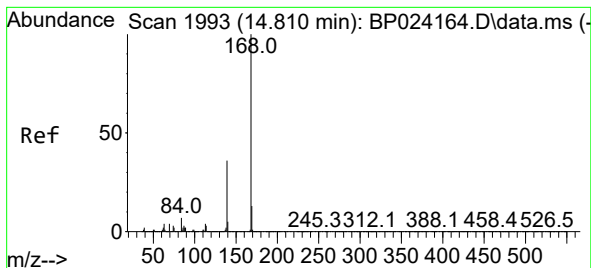
Tgt Ion:138 Resp: 259293
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 114.9 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 105.574 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:184 Resp: 569182
Ion Ratio Lower Upper
184 100
63 56.4 42.1 63.1
154 58.5 44.6 67.0





#55

Dibenzofuran

Concen: 45.306 ng

RT: 14.787 min Scan# 1989

Delta R.T. -0.024 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

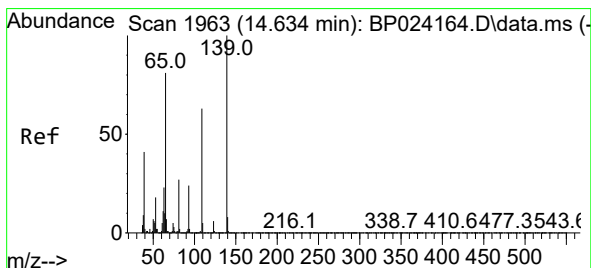
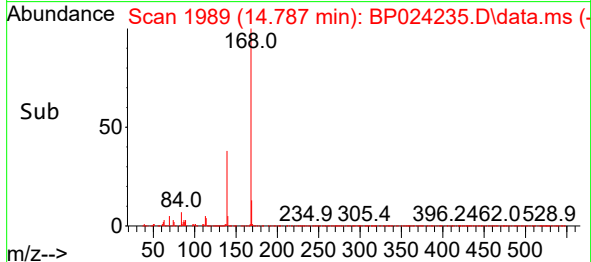
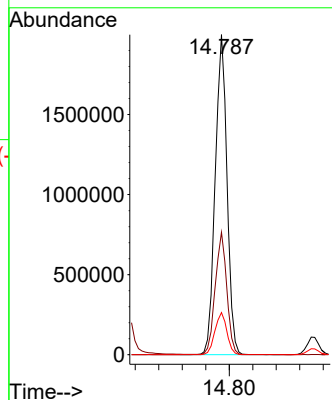
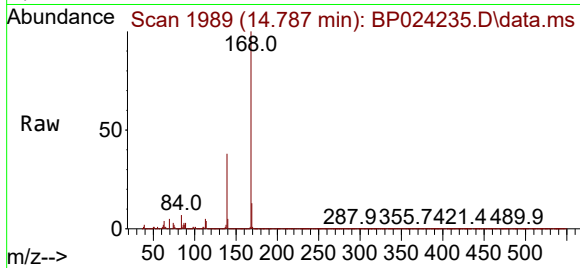
Tgt Ion:168 Resp: 2775341

Ion Ratio Lower Upper

168 100

139 38.3 29.1 43.7

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 112.334 ng

RT: 14.622 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

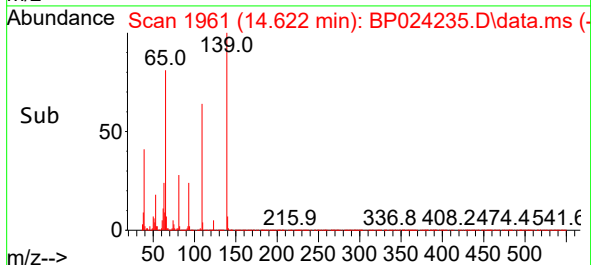
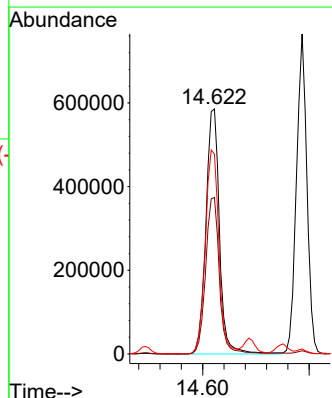
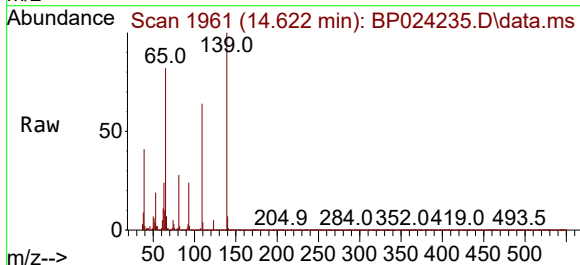
Tgt Ion:139 Resp: 1032945

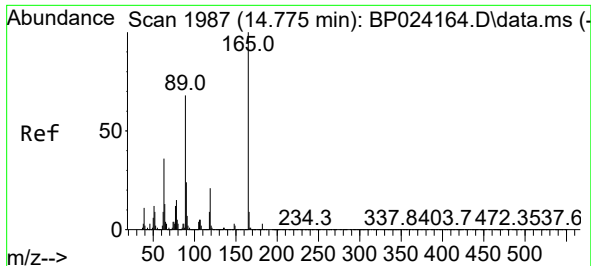
Ion Ratio Lower Upper

139 100

109 63.9 43.3 83.3

65 81.6 61.2 101.2

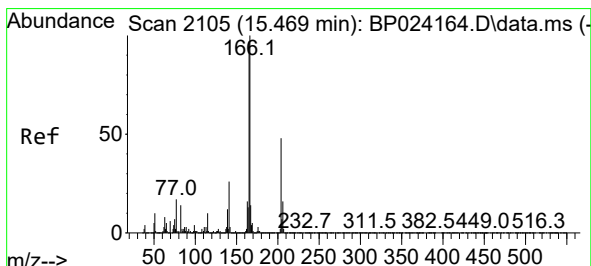
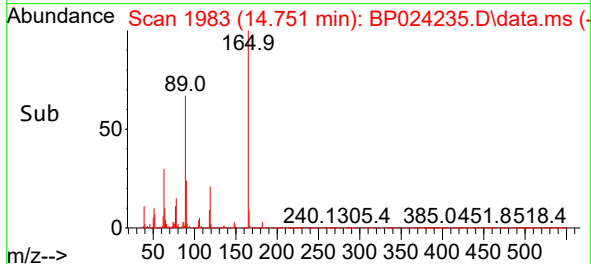
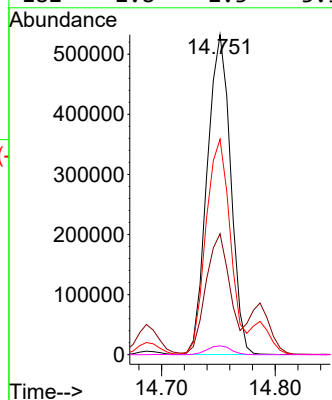
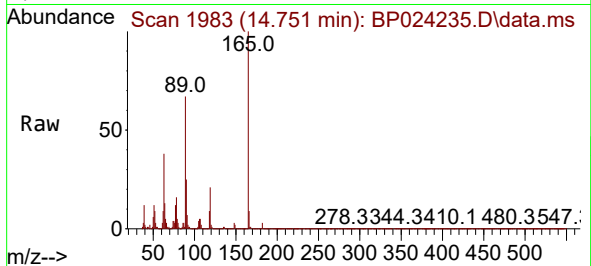




#57
2,4-Dinitrotoluene
Concen: 56.711 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

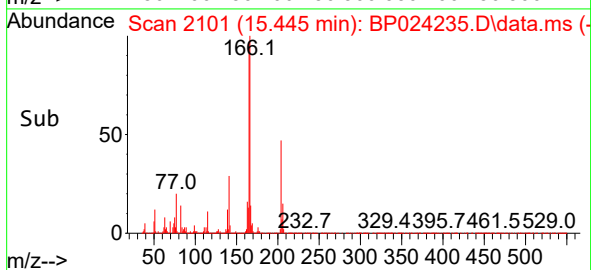
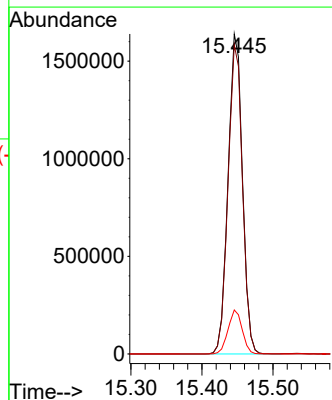
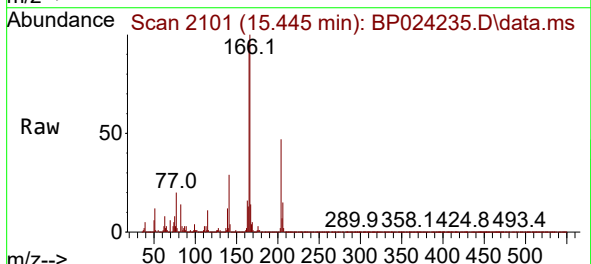
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

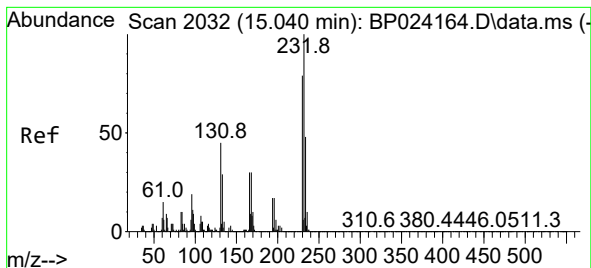
Tgt Ion:165 Resp: 763255
Ion Ratio Lower Upper
165 100
63 37.8 29.0 43.6
89 67.3 54.2 81.4
182 2.8 2.3 3.5



#58
Fluorene
Concen: 48.035 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:166 Resp: 2292612
Ion Ratio Lower Upper
166 100
165 96.6 77.6 116.4
167 13.7 10.8 16.2

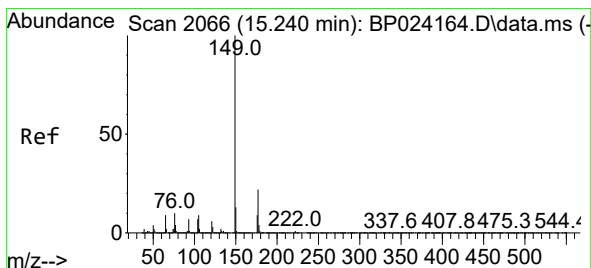
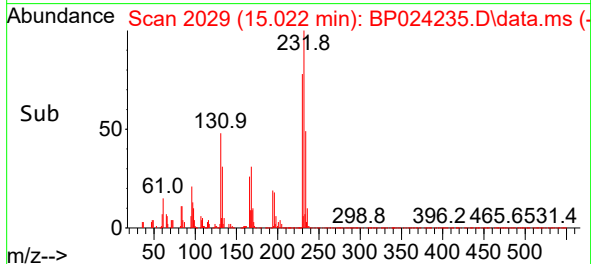
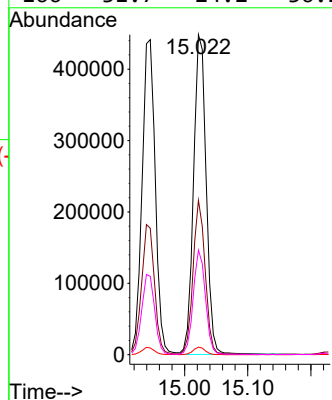
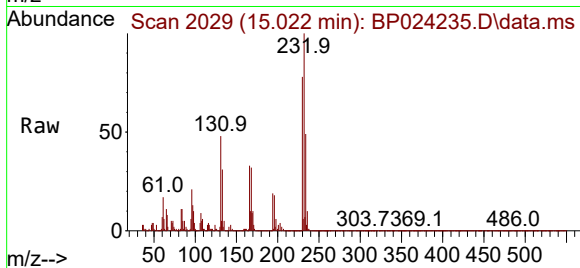




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.387 ng
RT: 15.022 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

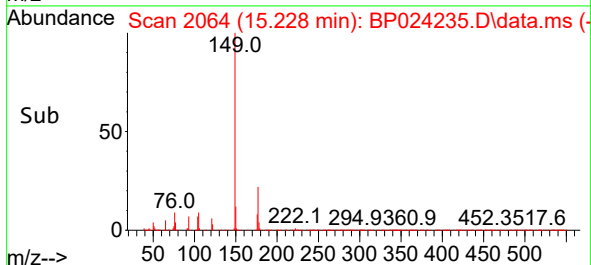
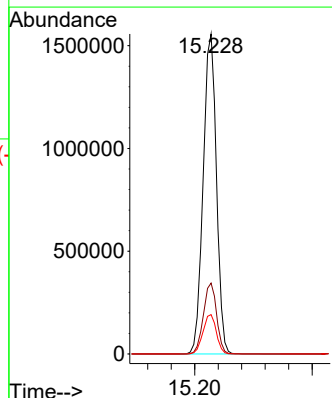
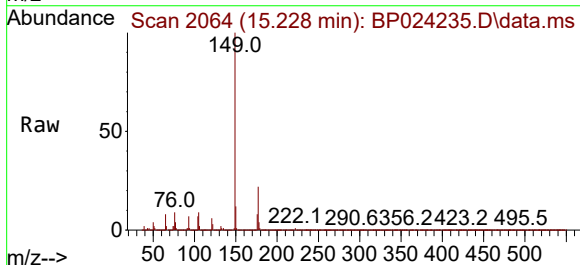
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

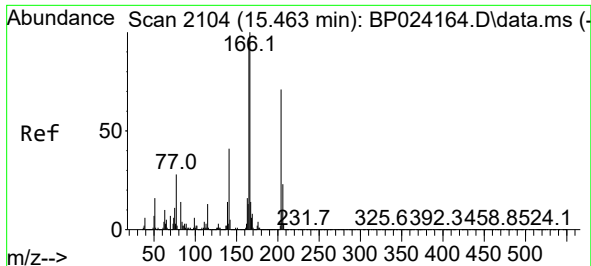
Tgt Ion:232 Resp: 620712
Ion Ratio Lower Upper
232 100
131 46.4 35.9 53.9
130 2.2 1.8 2.6
166 31.7 24.2 36.2



#60
Diethylphthalate
Concen: 50.386 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:149 Resp: 2429766
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.3 10.2 15.4

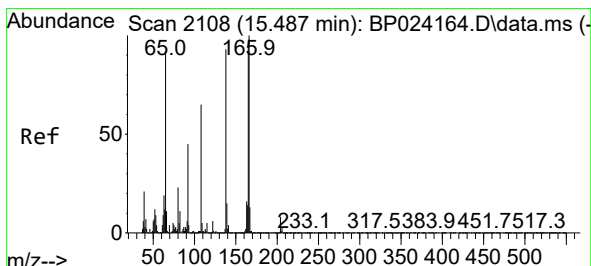
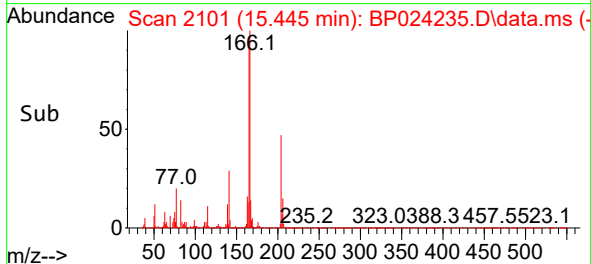
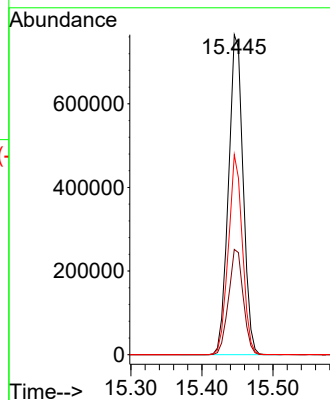
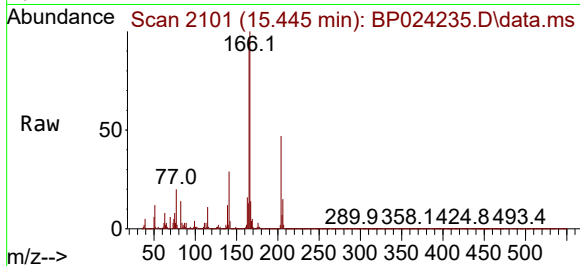




#61
4-Chlorophenyl-phenylether
Concen: 46.524 ng
RT: 15.445 min Scan# 2104
Delta R.T. -0.018 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

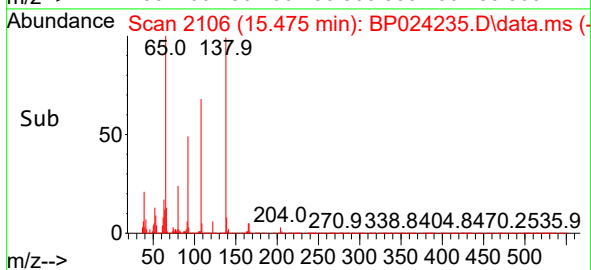
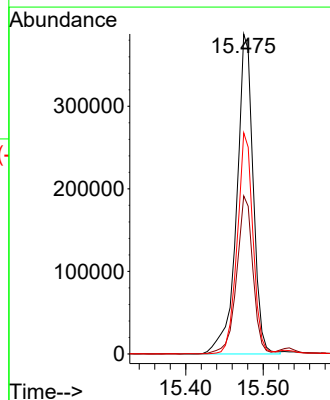
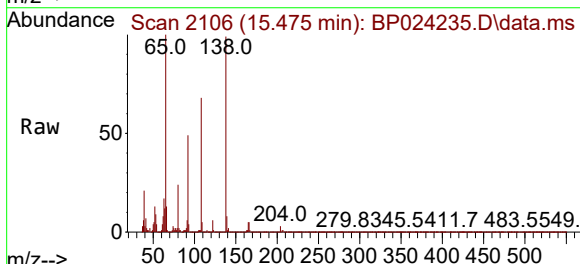
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

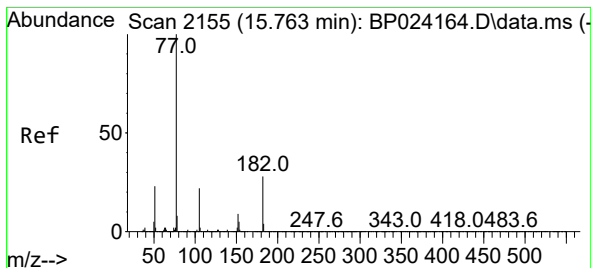
Tgt Ion:204 Resp: 1089083
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 62.5 45.8 68.8



#62
4-Nitroaniline
Concen: 49.739 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:138 Resp: 574089
Ion Ratio Lower Upper
138 100
92 49.4 28.7 68.7
108 69.1 49.5 89.5





#63

Azobenzene

Concen: 49.613 ng

RT: 15.745 min Scan# 2155

Delta R.T. -0.018 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

Tgt Ion: 77 Resp: 2255024

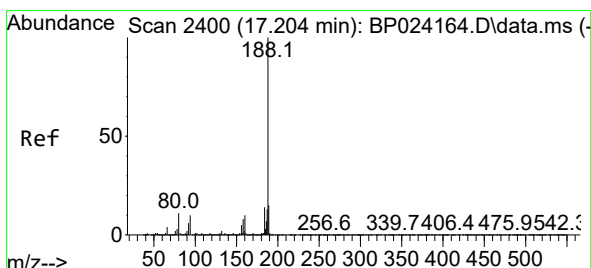
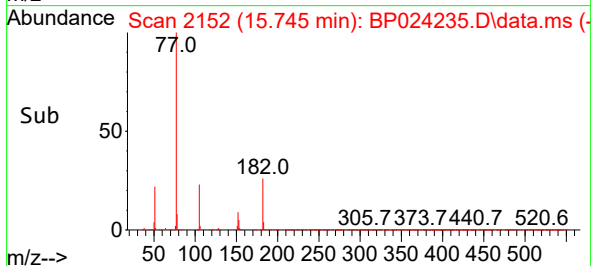
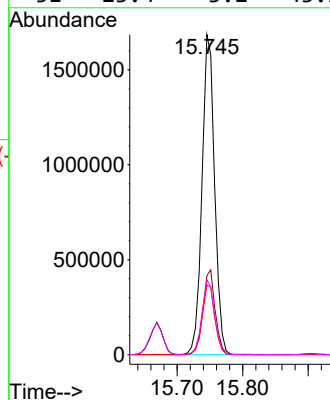
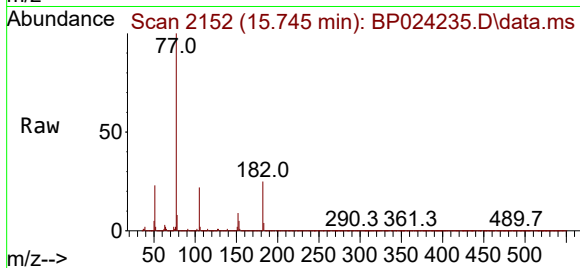
Ion Ratio Lower Upper

77 100

182 24.7 7.7 47.7

105 21.7 2.3 42.3

51 23.4 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2398

Delta R.T. -0.012 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

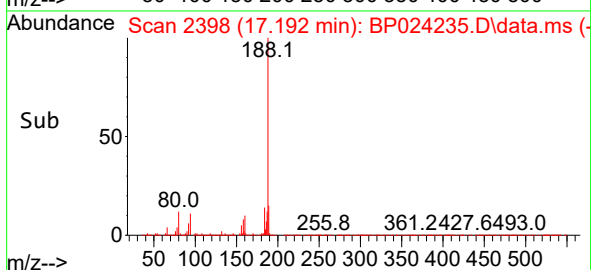
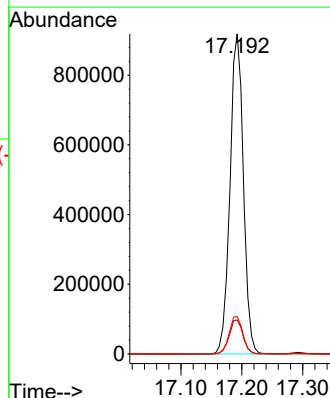
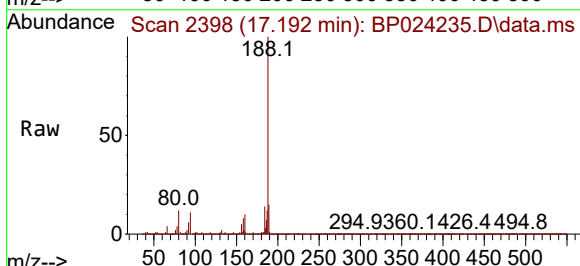
Tgt Ion:188 Resp: 1402974

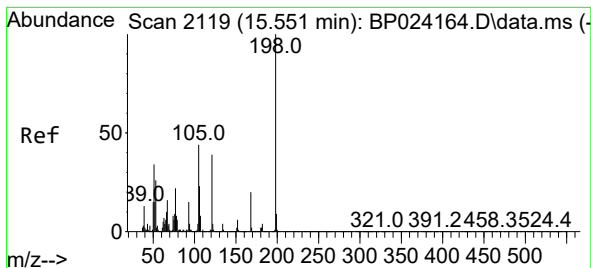
Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 11.7 8.9 13.3

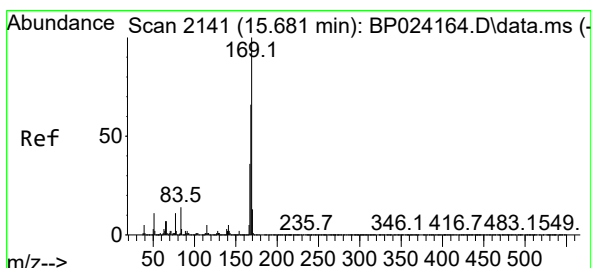
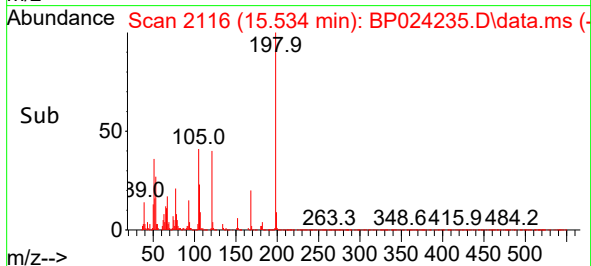
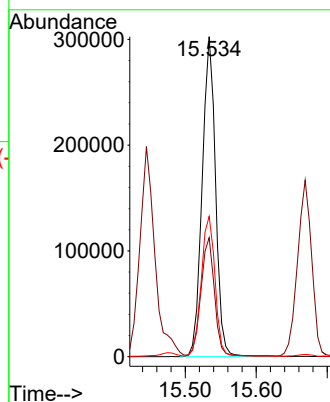
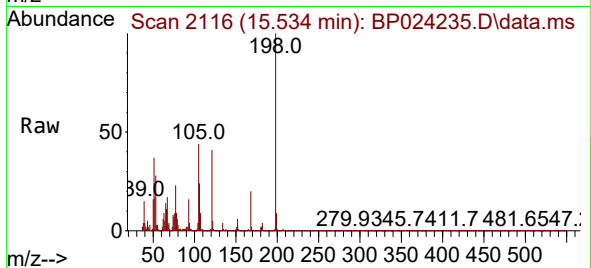




#65
4,6-Dinitro-2-methylphenol
Concen: 47.694 ng
RT: 15.534 min Scan# 2116
Delta R.T. -0.017 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

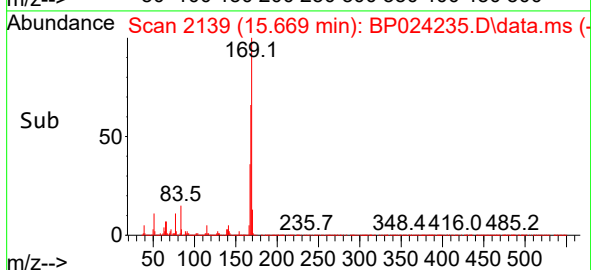
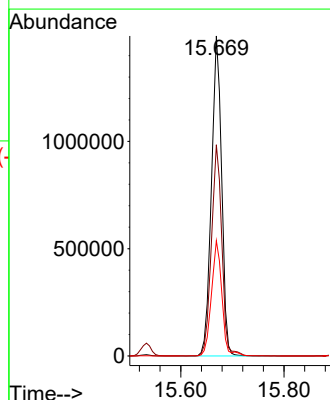
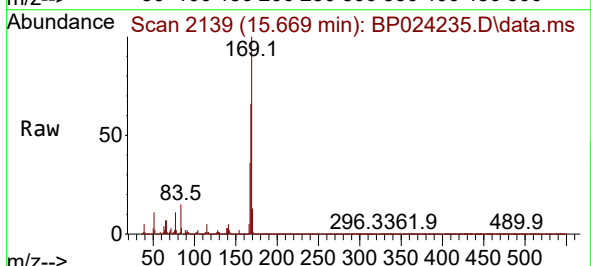
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

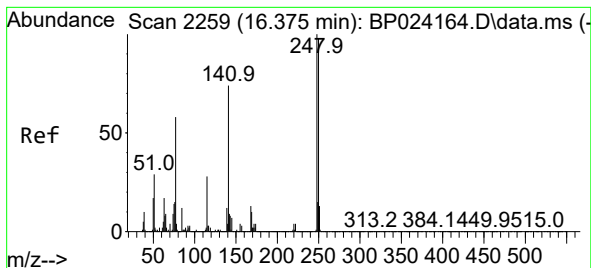
Tgt Ion:198 Resp: 397241
Ion Ratio Lower Upper
198 100
51 37.2 14.7 54.7
105 43.9 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 47.808 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:169 Resp: 2036795
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 36.0 28.8 43.2

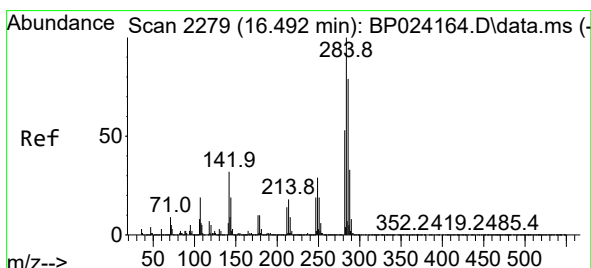
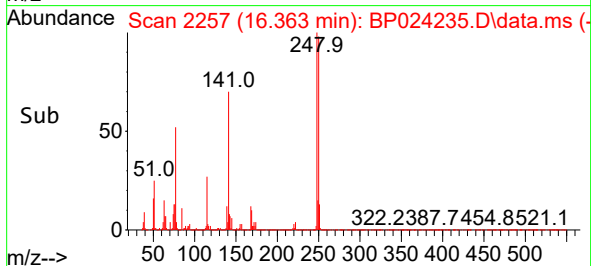
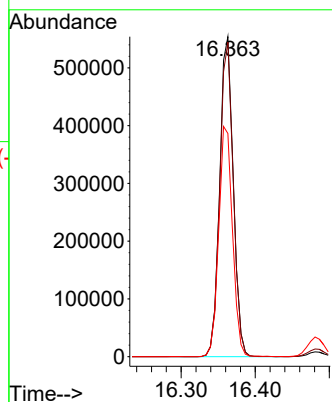
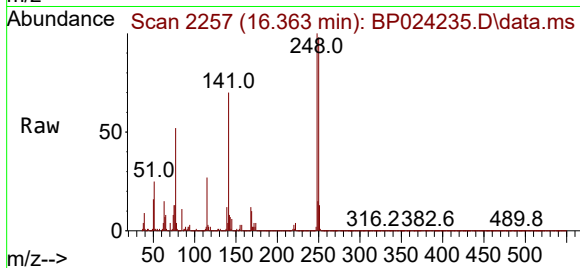




#67
4-Bromophenyl-phenylether
Concen: 45.776 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

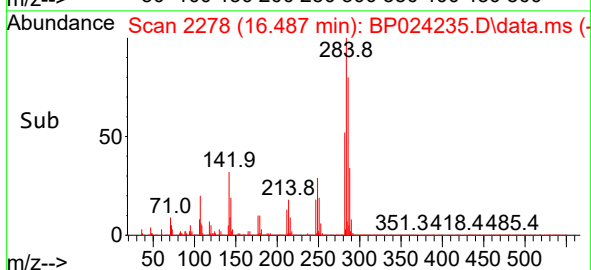
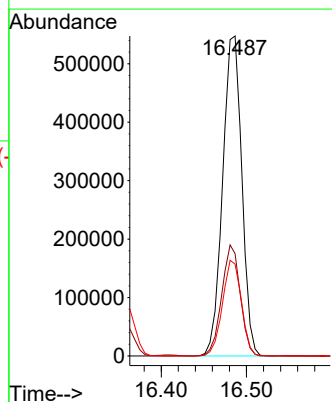
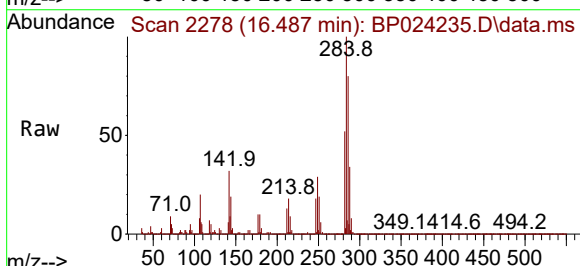
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

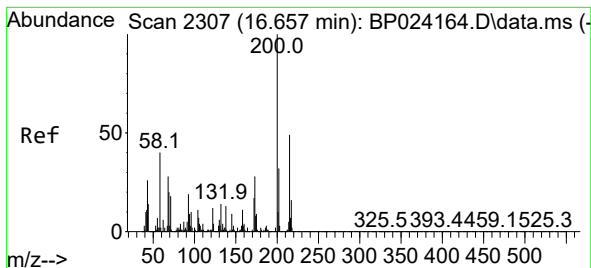
Tgt Ion:248 Resp: 705104
Ion Ratio Lower Upper
248 100
250 98.3 78.4 117.6
141 69.8 59.4 89.0



#68
Hexachlorobenzene
Concen: 46.888 ng
RT: 16.487 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:284 Resp: 854832
Ion Ratio Lower Upper
284 100
142 31.9 25.4 38.2
249 28.7 23.5 35.3





#69

Atrazine

Concen: 72.419 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

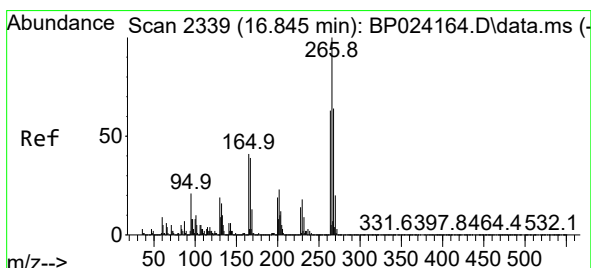
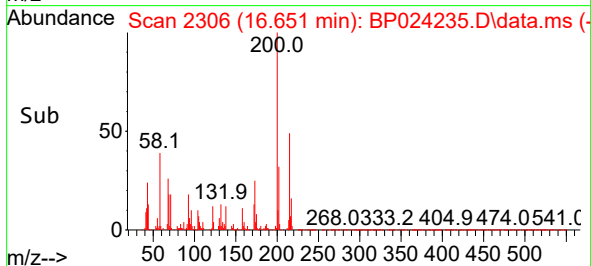
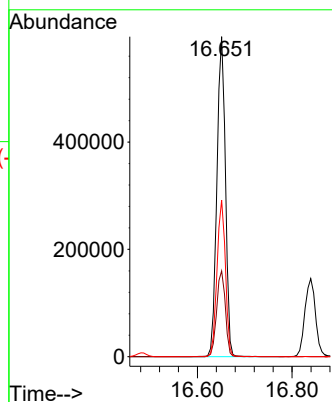
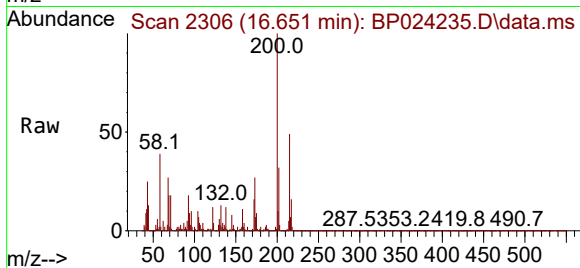
Tgt Ion:200 Resp: 744691

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

215 48.9 29.0 69.0



#70

Pentachlorophenol

Concen: 106.453 ng

RT: 16.839 min Scan# 2338

Delta R.T. -0.006 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

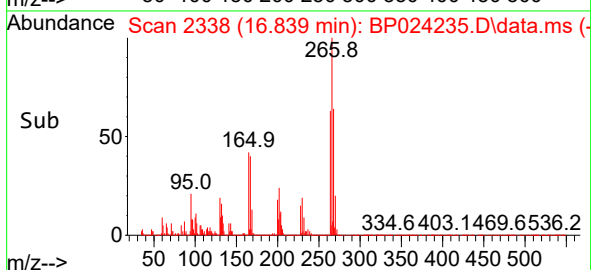
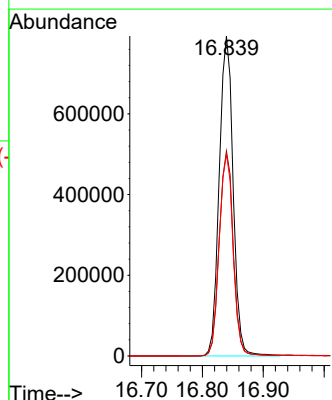
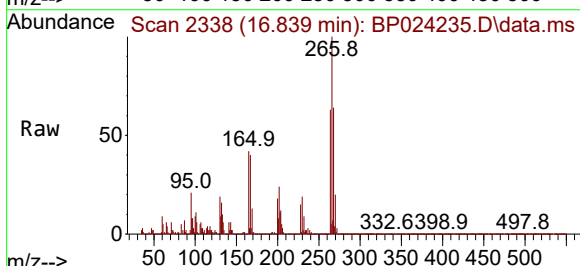
Tgt Ion:266 Resp: 1255086

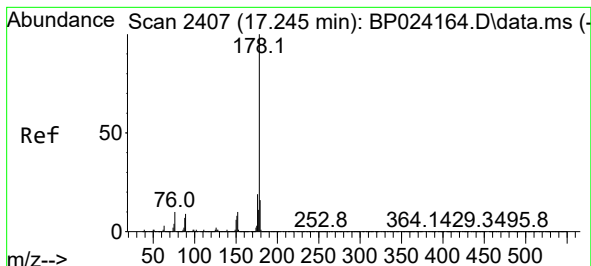
Ion Ratio Lower Upper

266 100

268 64.0 51.3 76.9

264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 48.357 ng

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

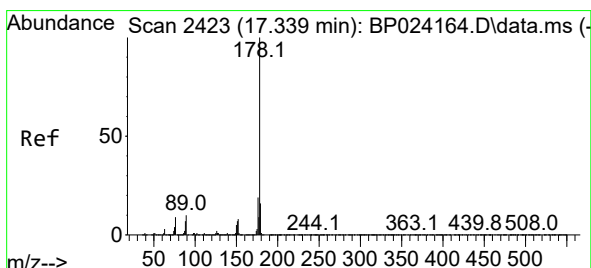
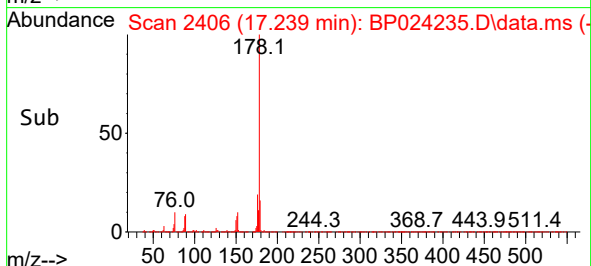
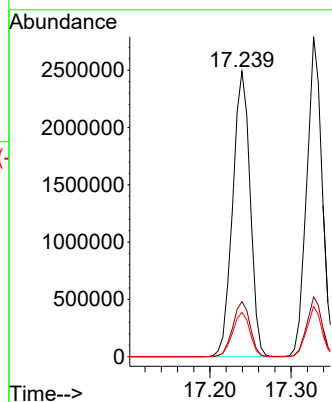
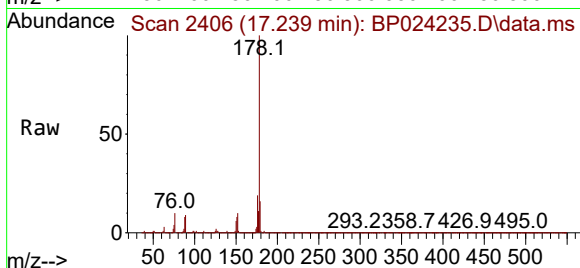
Tgt Ion:178 Resp: 3706248

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 49.436 ng

RT: 17.328 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

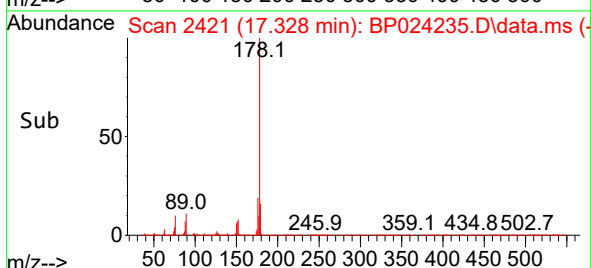
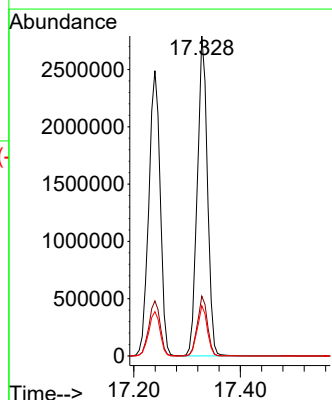
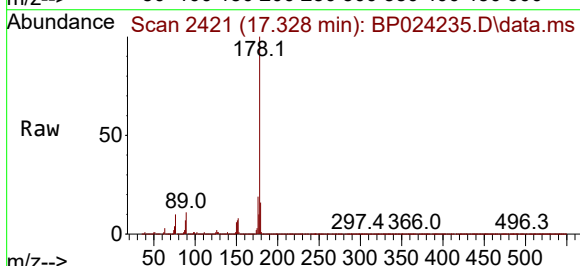
Tgt Ion:178 Resp: 3690284

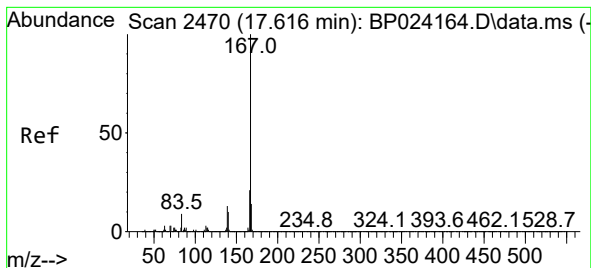
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.7 12.6 18.8





#73

Carbazole

Concen: 52.313 ng

RT: 17.604 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

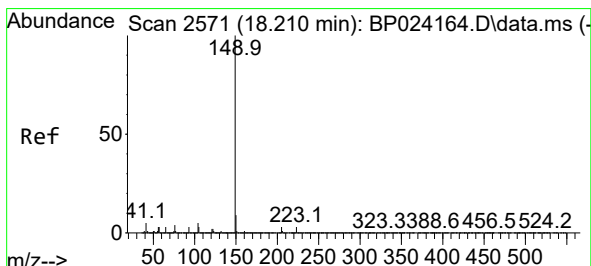
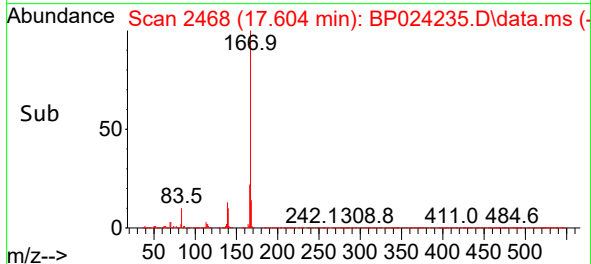
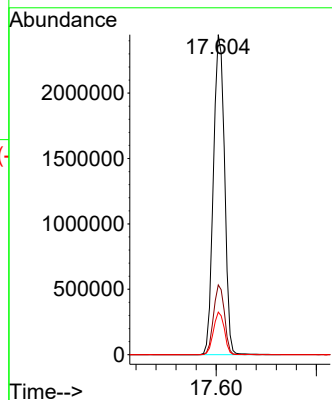
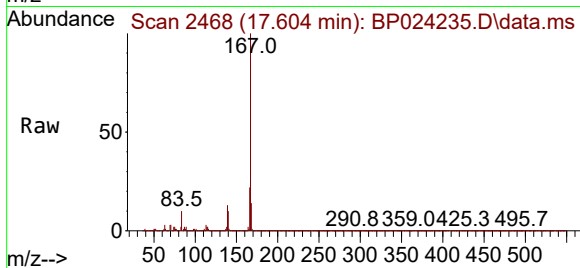
Tgt Ion:167 Resp: 3765982

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.3 10.2 15.4



#74

Di-n-butylphthalate

Concen: 52.756 ng

RT: 18.204 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

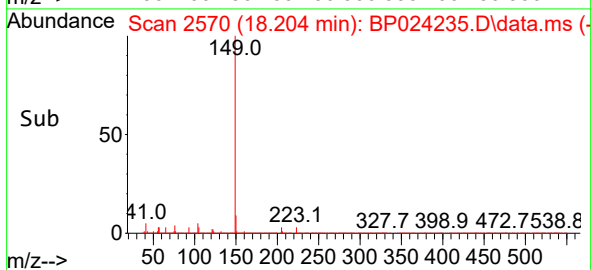
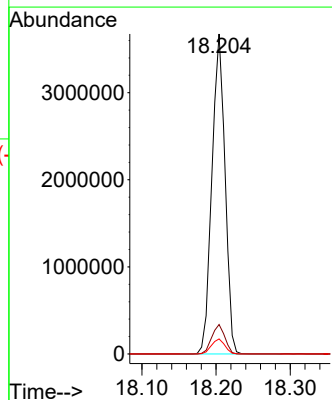
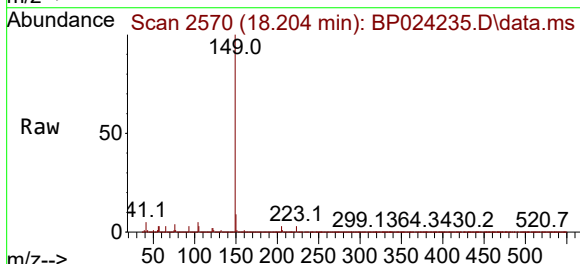
Tgt Ion:149 Resp: 4508432

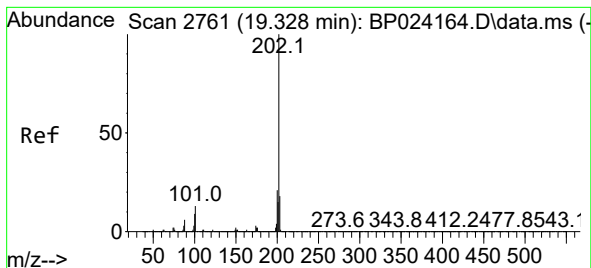
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.7 3.9 5.9

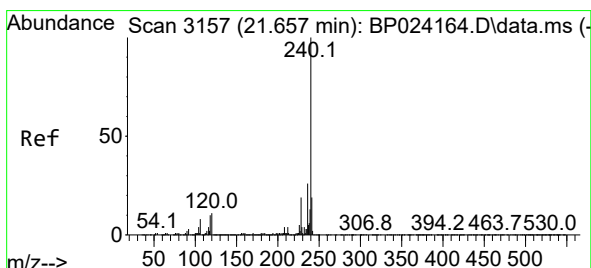
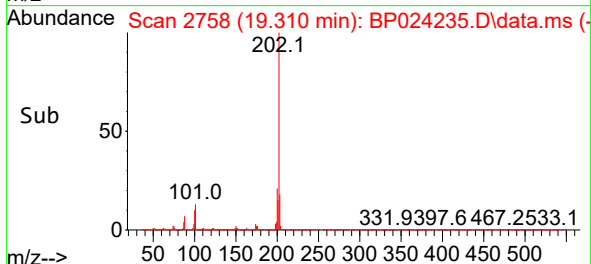
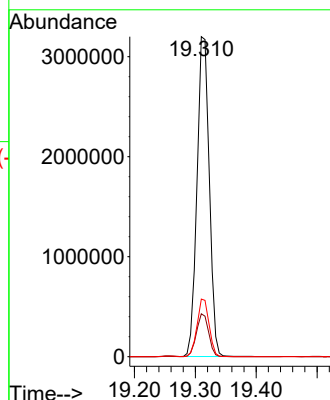
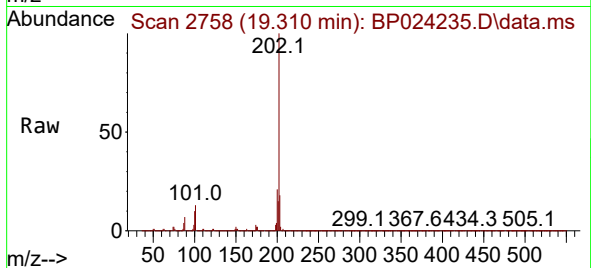




#75
Fluoranthene
Concen: 50.431 ng
RT: 19.310 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

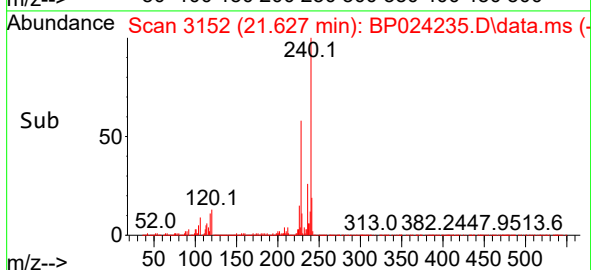
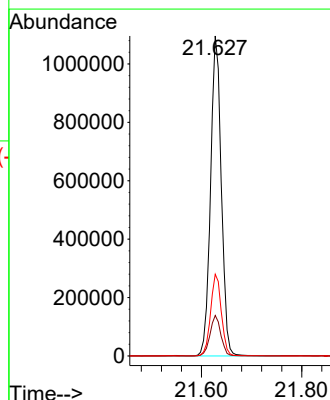
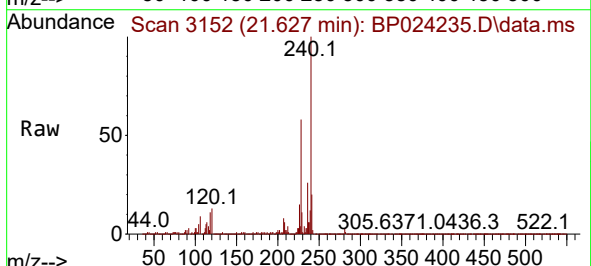
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

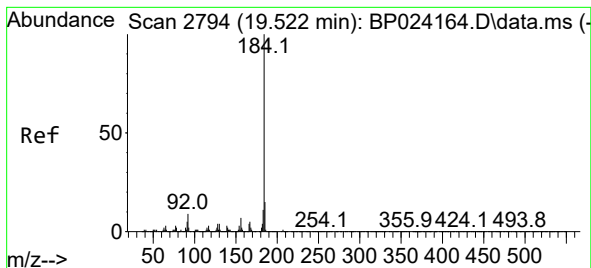
Tgt Ion:202 Resp: 4476626
Ion Ratio Lower Upper
202 100
101 13.4 0.0 32.5
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.029 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:240 Resp: 1629667
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.5 20.4 30.6





#77

Benzidine

Concen: 34.405 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

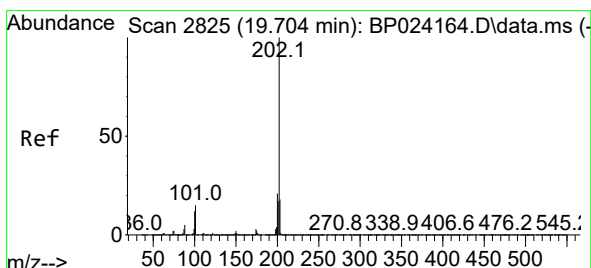
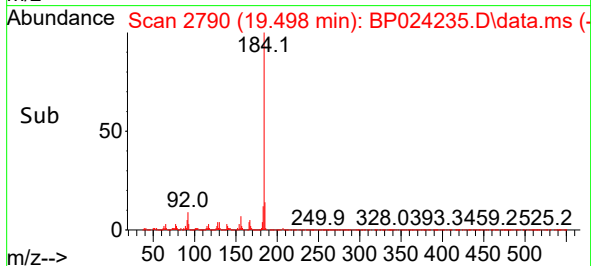
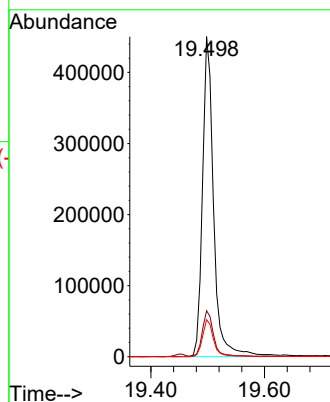
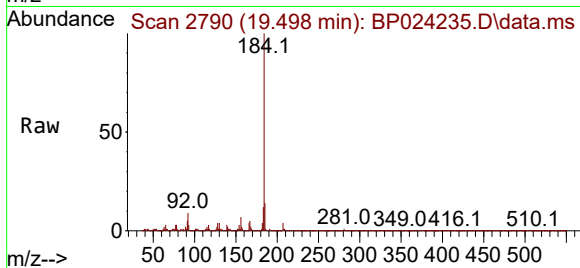
Tgt Ion:184 Resp: 613019

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 11.6 9.1 13.7



#78

Pyrene

Concen: 46.810 ng

RT: 19.686 min Scan# 2822

Delta R.T. -0.018 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

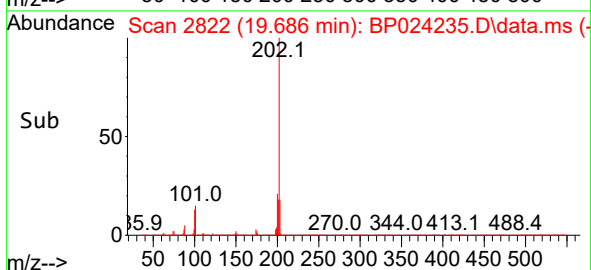
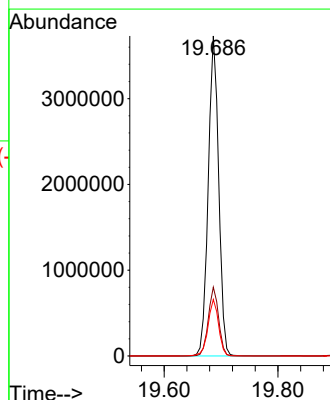
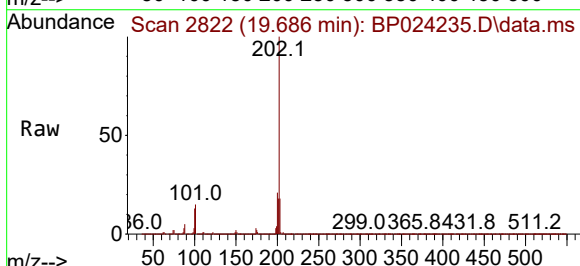
Tgt Ion:202 Resp: 4742564

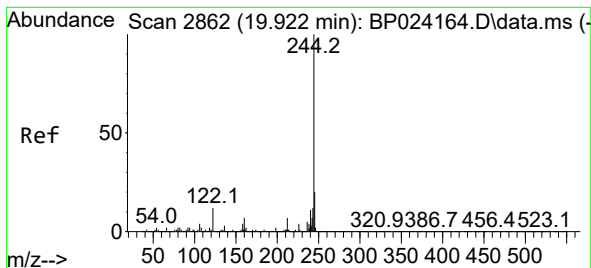
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 91.862 ng

RT: 19.904 min Scan# 2859

Delta R.T. -0.018 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

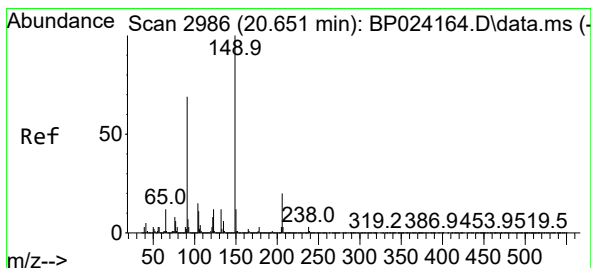
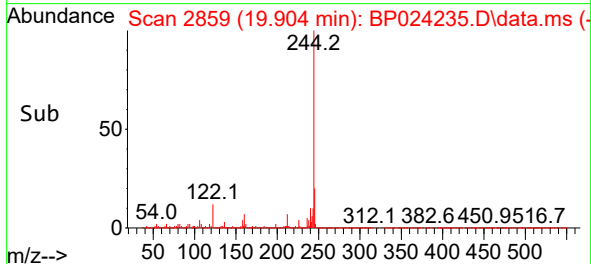
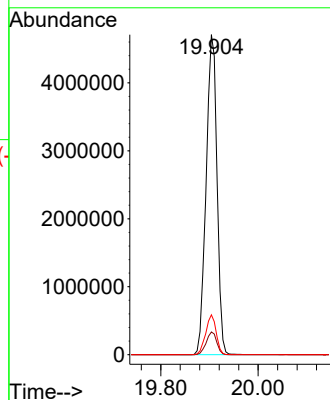
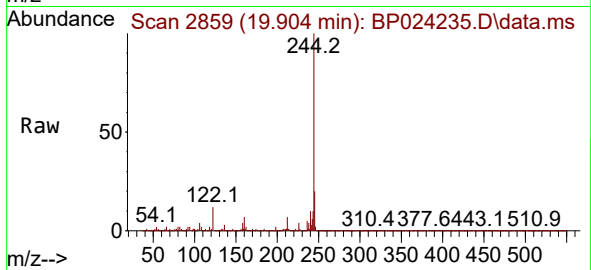
Tgt Ion:244 Resp: 7252316

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.4 9.6 14.4



#80

Butylbenzylphthalate

Concen: 53.085 ng

RT: 20.639 min Scan# 2984

Delta R.T. -0.012 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

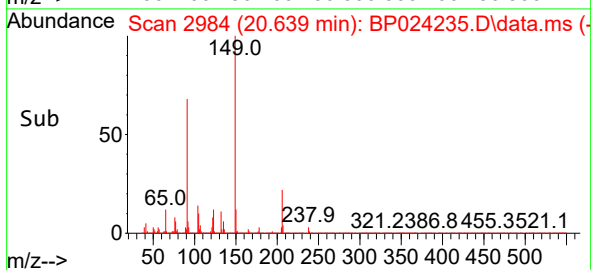
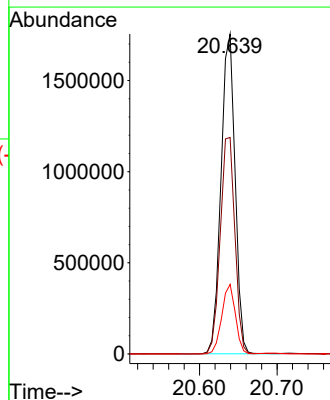
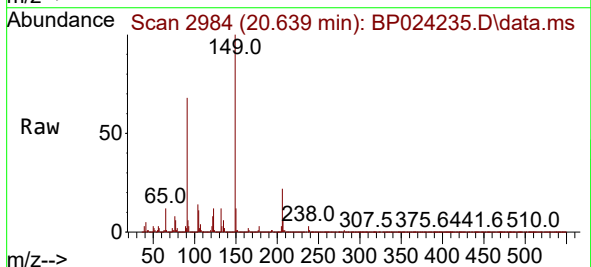
Tgt Ion:149 Resp: 2217907

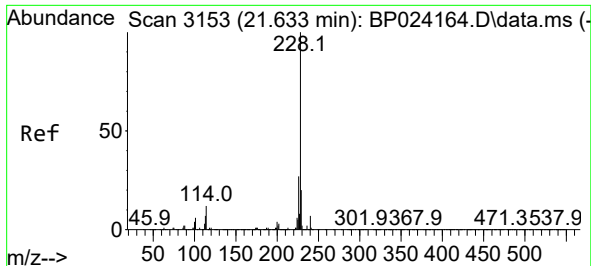
Ion Ratio Lower Upper

149 100

91 67.6 55.3 82.9

206 21.7 16.1 24.1

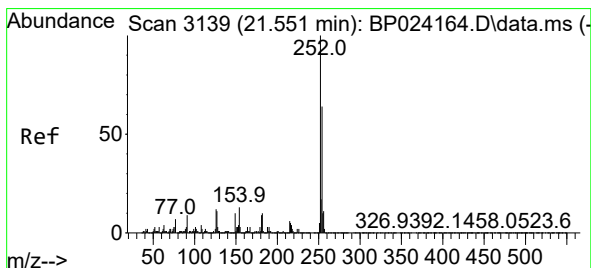
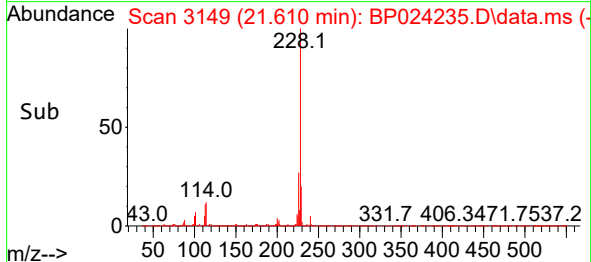
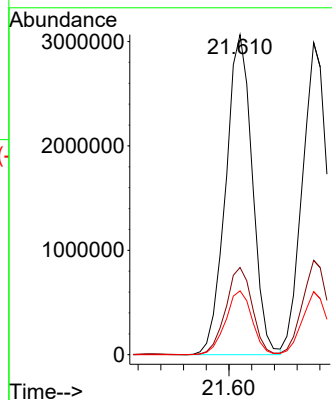
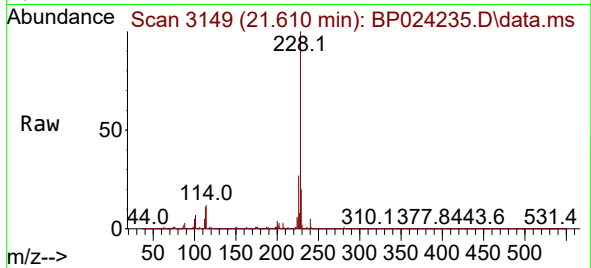




#81
Benzo(a)anthracene
Concen: 49.158 ng
RT: 21.610 min Scan# 3153
Delta R.T. -0.024 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

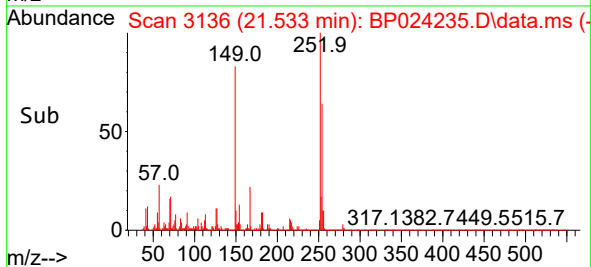
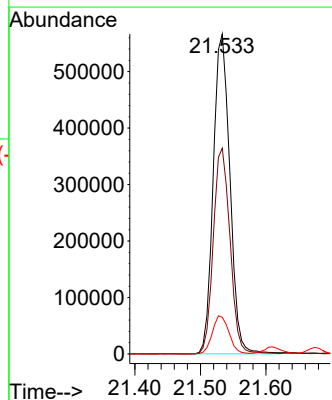
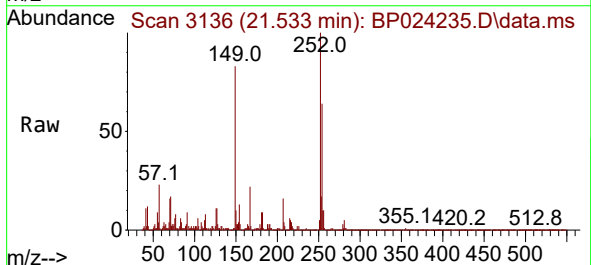
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

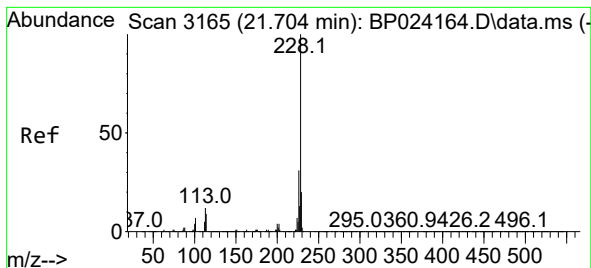
Tgt Ion:228 Resp: 4980721
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 29.351 ng
RT: 21.533 min Scan# 3136
Delta R.T. -0.018 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:252 Resp: 996695
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 11.5 9.3 13.9





#83

Chrysene

Concen: 46.712 ng

RT: 21.674 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

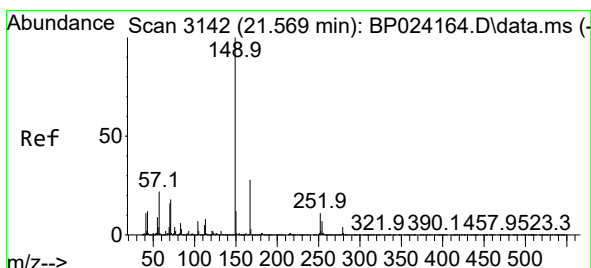
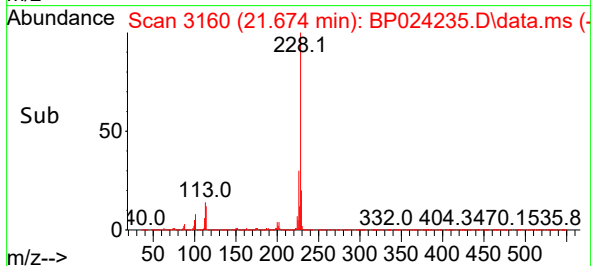
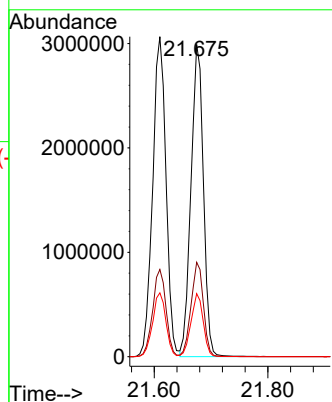
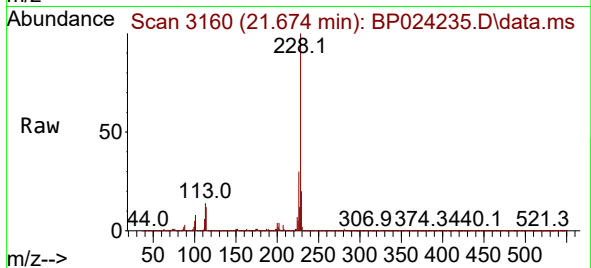
Tgt Ion:228 Resp: 4549808

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.197 ng

RT: 21.551 min Scan# 3139

Delta R.T. -0.018 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

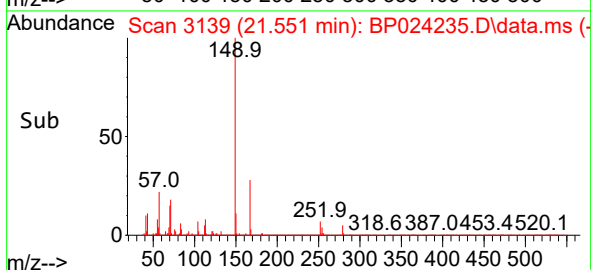
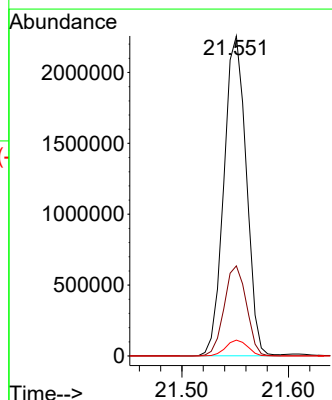
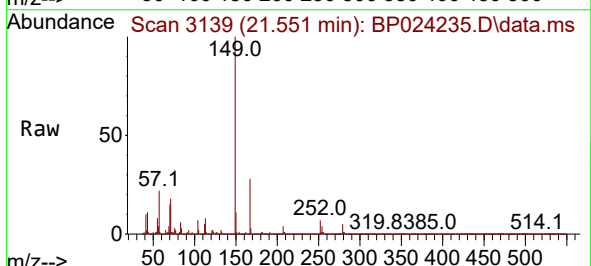
Tgt Ion:149 Resp: 3290636

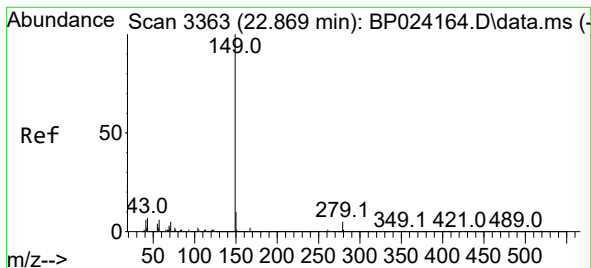
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 55.428 ng

RT: 22.833 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

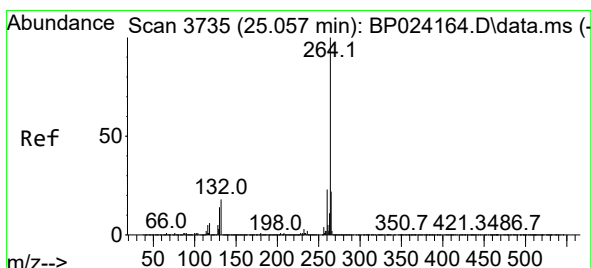
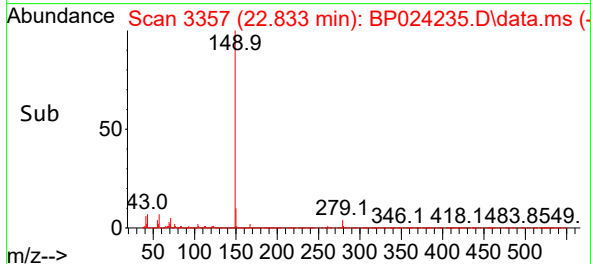
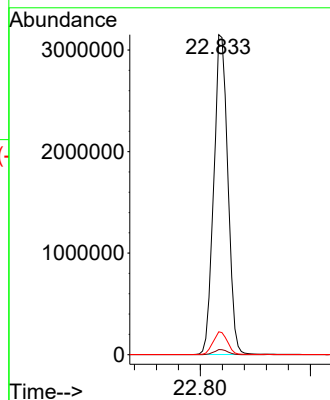
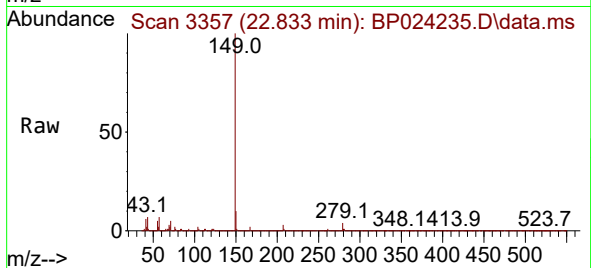
Tgt Ion:149 Resp: 5598662

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.2 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3726

Delta R.T. -0.053 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

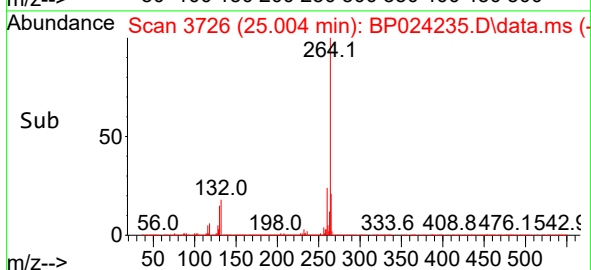
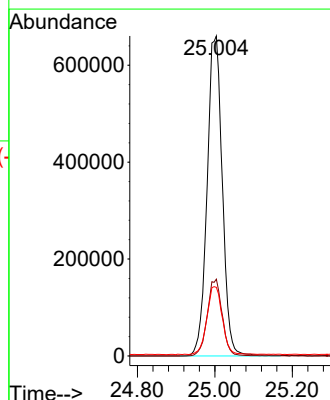
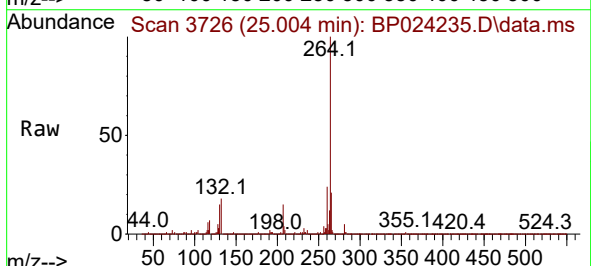
Tgt Ion:264 Resp: 1799050

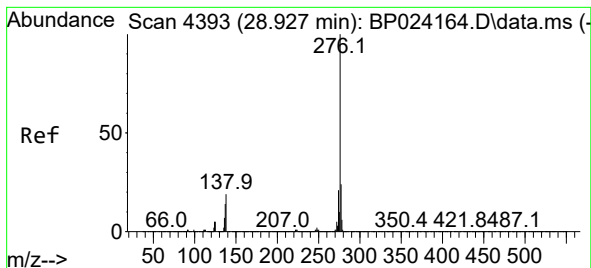
Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.999 ng

RT: 28.833 min Scan# 41

Delta R.T. -0.094 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

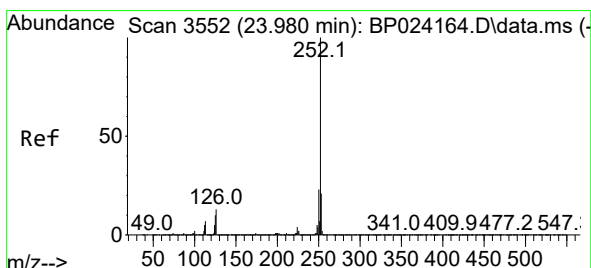
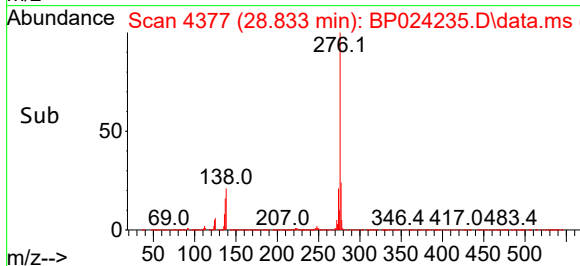
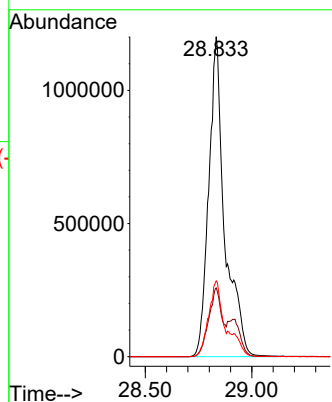
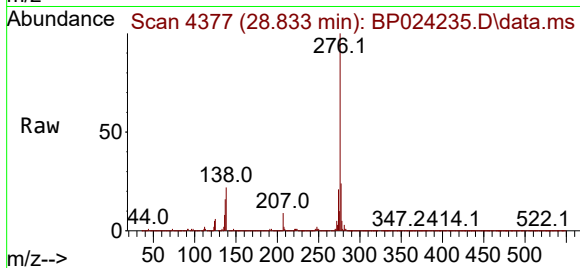
Tgt Ion:276 Resp: 6277815

Ion Ratio Lower Upper

276 100

138 18.1 13.7 20.5

277 21.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.813 ng

RT: 23.933 min Scan# 3544

Delta R.T. -0.047 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

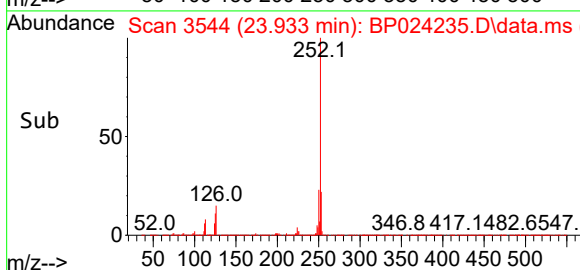
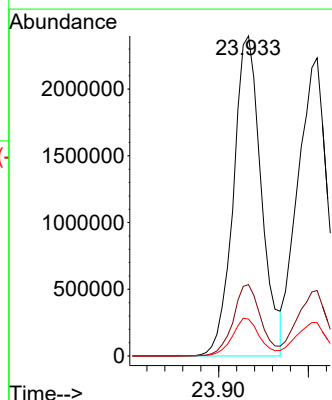
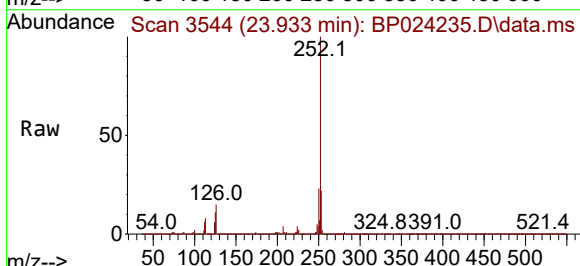
Tgt Ion:252 Resp: 5186382

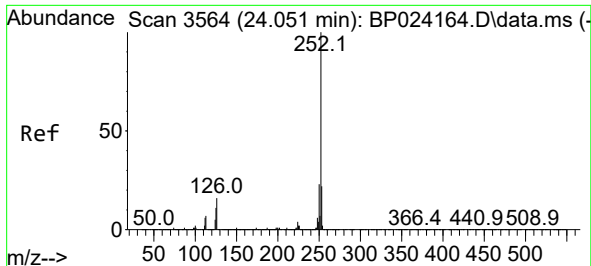
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 11.5 8.2 12.4

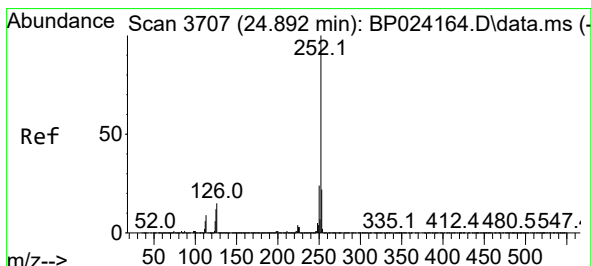
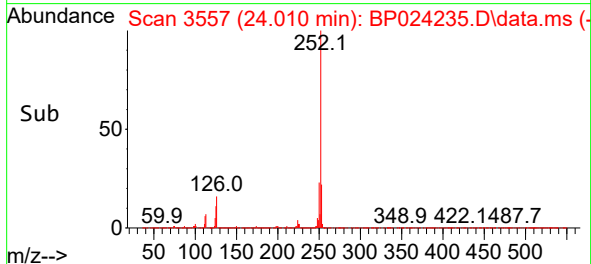
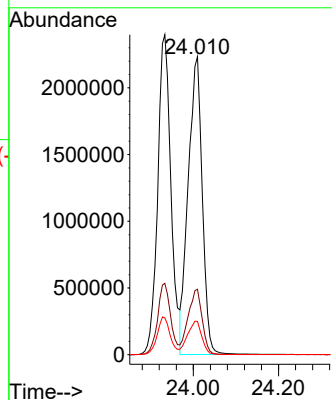
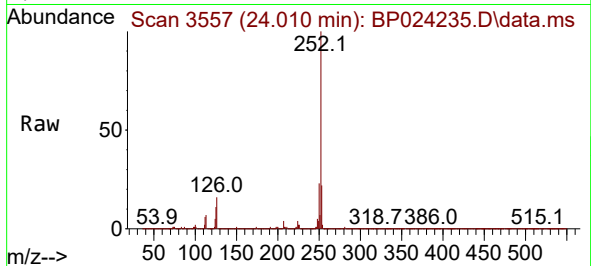




#89
Benzo(k)fluoranthene
Concen: 48.146 ng
RT: 24.010 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

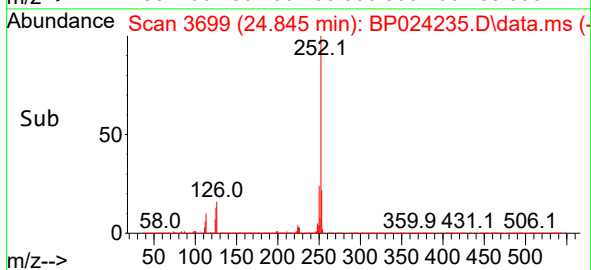
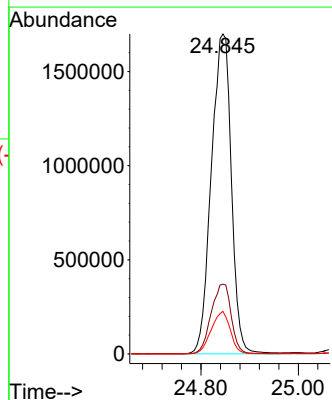
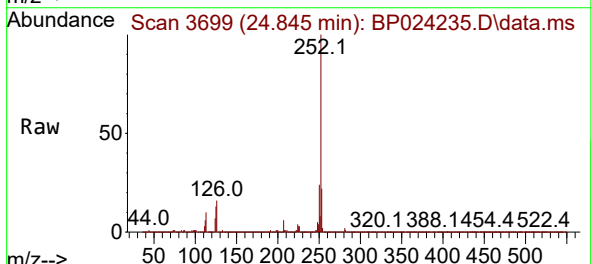
Instrument :
BNA_P
ClientSampleId :
Z-05AMS

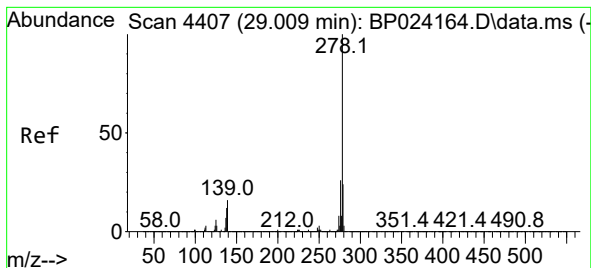
Tgt Ion:252 Resp: 5108550
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 51.322 ng
RT: 24.845 min Scan# 3699
Delta R.T. -0.047 min
Lab File: BP024235.D
Acq: 09 Apr 2025 14:59

Tgt Ion:252 Resp: 4840863
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 13.3 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 49.411 ng

RT: 28.915 min Scan# 41

Delta R.T. -0.094 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Instrument :

BNA_P

ClientSampleId :

Z-05AMS

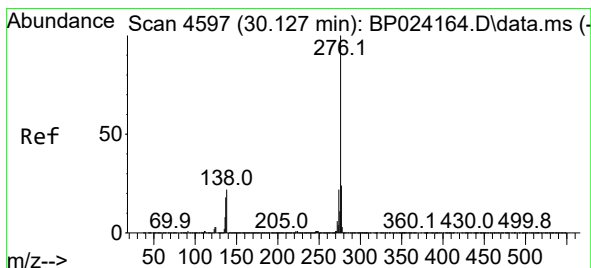
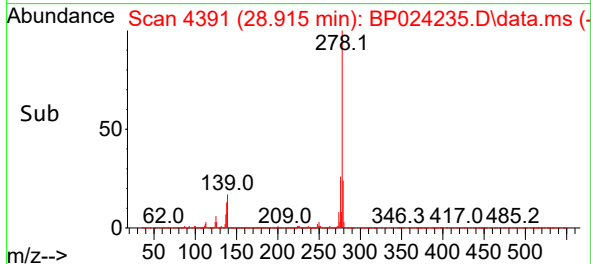
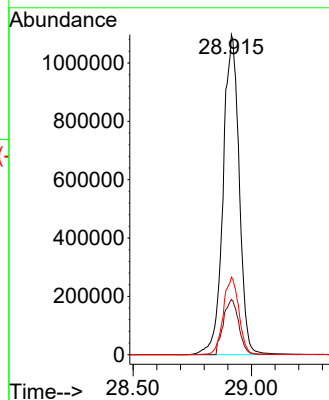
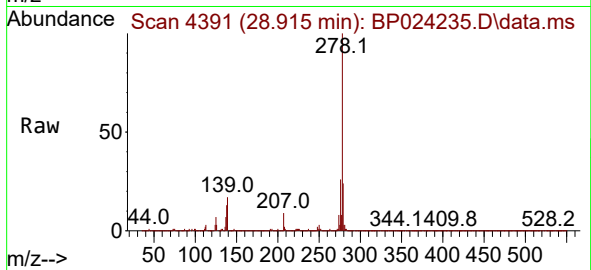
Tgt Ion:278 Resp: 5161466

Ion Ratio Lower Upper

278 100

139 17.2 13.0 19.4

279 24.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 47.252 ng

RT: 30.033 min Scan# 4581

Delta R.T. -0.094 min

Lab File: BP024235.D

Acq: 09 Apr 2025 14:59

Tgt Ion:276 Resp: 5017602

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 23.2 17.4 26.2

