

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024464.D
 Acq On : 29 Apr 2025 18:03
 Operator : RC/JU
 Sample : Q1871-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-AMSD

Quant Time: Apr 29 18:31:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	113870	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	438929	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	272693	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	541453	20.000	ng	0.00
76) Chrysene-d12	21.586	240	650338	20.000	ng	0.00
86) Perylene-d12	24.927	264	802506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	848172	123.159	ng	-0.01
7) Phenol-d6	6.898	99	1036038	109.867	ng	-0.01
23) Nitrobenzene-d5	8.857	82	639039	83.017	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	548425	145.361	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1443783	81.065	ng	-0.01
79) Terphenyl-d14	19.868	244	2605608	80.757	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	100114	34.368	ng	# 62
3) Pyridine	3.681	79	212270	27.597	ng	93
4) n-Nitrosodimethylamine	3.581	42	111410	43.642	ng	# 75
6) Aniline	7.051	93	162317	19.263	ng	98
8) 2-Chlorophenol	7.287	128	321413	41.802	ng	99
9) Benzaldehyde	6.863	77	37413	8.021	ng	96
10) Phenol	6.928	94	373421	39.475	ng	93
11) bis(2-Chloroethyl)ether	7.140	93	271268	35.591	ng	98
12) 1,3-Dichlorobenzene	7.598	146	327762	39.595	ng	99
13) 1,4-Dichlorobenzene	7.745	146	331508	39.471	ng	99
14) 1,2-Dichlorobenzene	8.057	146	322225	39.732	ng	99
15) Benzyl Alcohol	7.951	79	265521	43.540	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	296682	36.013	ng	100
17) 2-Methylphenol	8.157	107	260910	42.636	ng	97
18) Hexachloroethane	8.781	117	121572	40.053	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	208104	35.671	ng	96
20) 3+4-Methylphenols	8.481	107	357503	42.104	ng	99
22) Acetophenone	8.528	105	449435	41.370	ng	# 98
24) Nitrobenzene	8.898	77	319896	42.009	ng	99
25) Isophorone	9.422	82	593971	42.630	ng	98
26) 2-Nitrophenol	9.604	139	168778	45.291	ng	# 94
27) 2,4-Dimethylphenol	9.669	122	291507	62.299	ng	97
28) bis(2-Chloroethoxy)met...	9.898	93	354963	37.712	ng	99
29) 2,4-Dichlorophenol	10.145	162	291280	45.655	ng	100
30) 1,2,4-Trichlorobenzene	10.351	180	291019	42.573	ng	99
31) Naphthalene	10.534	128	926036	40.052	ng	99
32) Benzoic acid	9.851	122	455948	83.626	ng	97
33) 4-Chloroaniline	10.651	127	71436	8.773	ng	98
34) Hexachlorobutadiene	10.816	225	184152	45.845	ng	99
35) Caprolactam	11.457	113	91724m	38.963	ng	
36) 4-Chloro-3-methylphenol	11.781	107	337326	45.393	ng	99
37) 2-Methylnaphthalene	12.139	142	576353	35.944	ng	98
38) 1-Methylnaphthalene	12.363	142	616026	39.271	ng	100
40) 1,2,4,5-Tetrachloroben...	12.516	216	323455	43.132	ng	99
41) Hexachlorocyclopentadiene	12.492	237	407810	153.761	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	236215	47.377	ng	96

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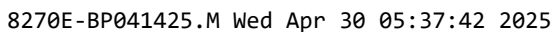
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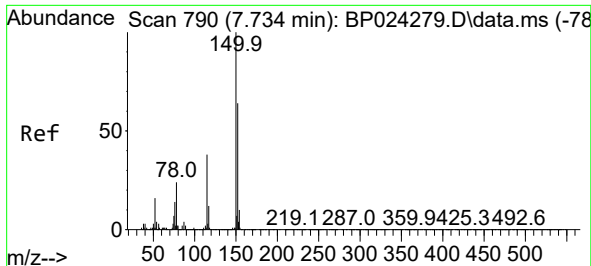
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	261089	47.289	ng	98
46) 1,1'-Biphenyl	13.163	154	834975	41.656	ng	98
47) 2-Chloronaphthalene	13.204	162	641529	42.823	ng	98
48) 2-Nitroaniline	13.410	65	205571	48.920	ng	94
49) Acenaphthylene	14.057	152	1080887	45.827	ng	100
50) Dimethylphthalate	13.792	163	859690	43.351	ng	100
51) 2,6-Dinitrotoluene	13.916	165	187613	44.553	ng	94
52) Acenaphthene	14.404	154	615772	41.181	ng	98
53) 3-Nitroaniline	14.251	138	82043	18.537	ng	98
54) 2,4-Dinitrophenol	14.463	184	235275	94.850	ng	92
55) Dibenzofuran	14.745	168	989856	40.499	ng	97
56) 4-Nitrophenol	14.586	139	385174	100.768	ng	90
57) 2,4-Dinitrotoluene	14.716	165	279085	48.585	ng	97
58) Fluorene	15.404	166	802759	42.427	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	237781	46.695	ng	98
60) Diethylphthalate	15.180	149	880780	43.099	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	386373	42.051	ng	99
62) 4-Nitroaniline	15.433	138	197605	42.176	ng	88
63) Azobenzene	15.698	77	725587	38.630	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	151072	44.255	ng	96
66) n-Nitrosodiphenylamine	15.622	169	690087	42.700	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	260434	43.979	ng	98
68) Hexachlorobenzene	16.439	284	325686	46.284	ng	99
69) Atrazine	16.598	200	158415	38.487	ng	99
70) Pentachlorophenol	16.792	266	477752	97.322	ng	99
71) Phenanthrene	17.186	178	1293447	43.790	ng	100
72) Anthracene	17.280	178	1298524	45.613	ng	99
73) Carbazole	17.563	167	1298148	46.669	ng	99
74) Di-n-butylphthalate	18.151	149	1513871	43.684	ng	99
75) Fluoranthene	19.274	202	1597741	45.481	ng	97
77) Benzidine	19.480	184	107583	13.051	ng	99
78) Pyrene	19.645	202	1663266	40.244	ng	99
80) Butylbenzylphthalate	20.598	149	757222	42.775	ng	97
81) Benzo(a)anthracene	21.568	228	1778443	43.996	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	334106	23.549	ng	98
83) Chrysene	21.639	228	1673827	43.222	ng	100
84) Bis(2-ethylhexyl)phtha...	21.498	149	1060017	40.847	ng	97
85) Di-n-octyl phthalate	22.780	149	1788090	42.383	ng	100
87) Indeno(1,2,3-cd)pyrene	28.750	276	2886469	51.809	ng	98
88) Benzo(b)fluoranthene	23.868	252	2059366	42.812	ng	98
89) Benzo(k)fluoranthene	23.945	252	2010072	43.260	ng	98
90) Benzo(a)pyrene	24.780	252	1967119	47.408	ng	# 97
91) Dibenzo(a,h)anthracene	28.821	278	2345535	50.721	ng	97
92) Benzo(g,h,i)perylene	29.909	276	2329362	49.488	ng	95

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

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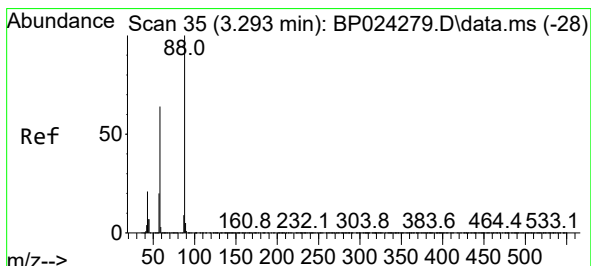
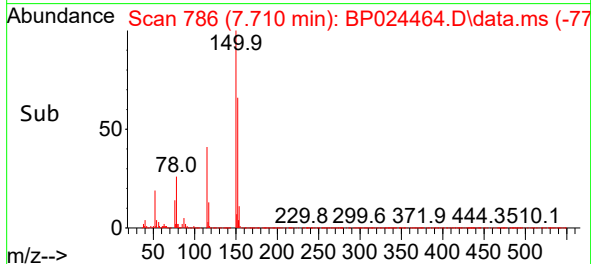
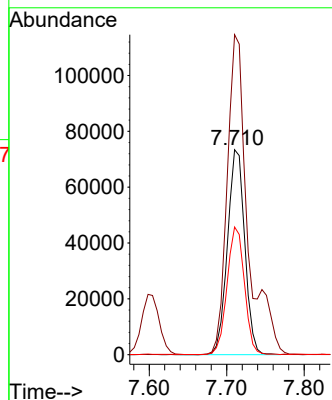
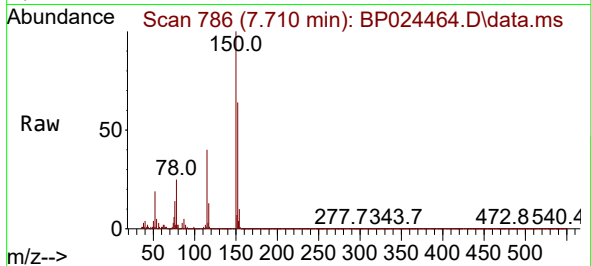




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 7
 Delta R.T. -0.012 min
 Lab File: BP024464.D
 Acq: 29 Apr 2025 18:03

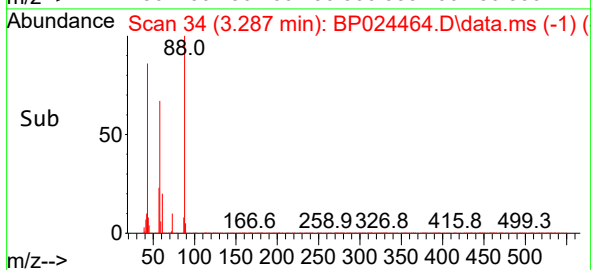
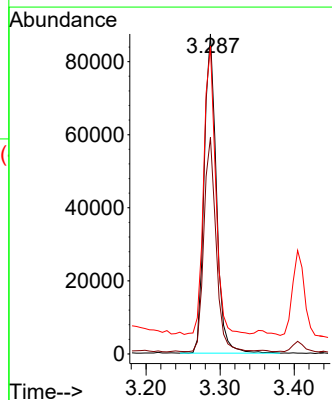
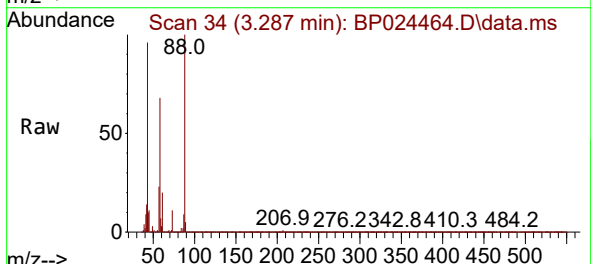
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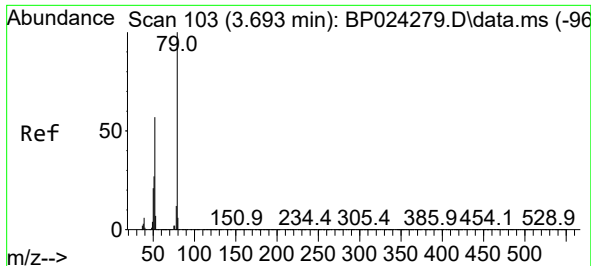
Tgt Ion:152 Resp: 113870
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.9 187.3
 115 62.3 47.7 71.5



#2
 1,4-Dioxane
 Concen: 34.368 ng
 RT: 3.287 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: BP024464.D
 Acq: 29 Apr 2025 18:03

Tgt Ion: 88 Resp: 100114
 Ion Ratio Lower Upper
 88 100
 58 66.8 51.4 77.2
 43 88.1 17.1 25.7#

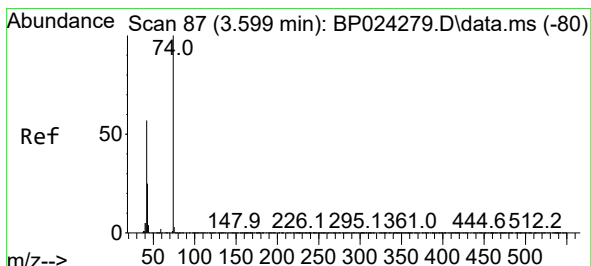
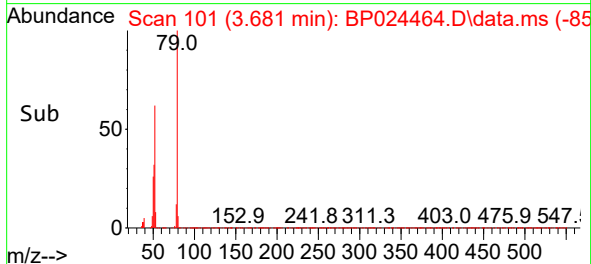
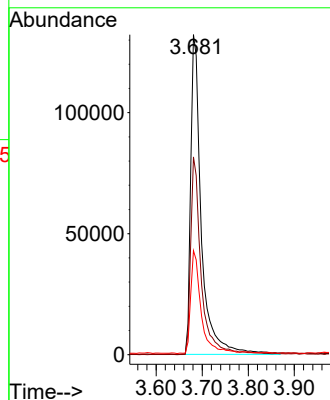
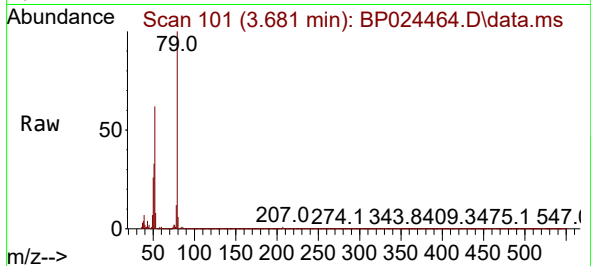




#3
Pyridine
Concen: 27.597 ng
RT: 3.681 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

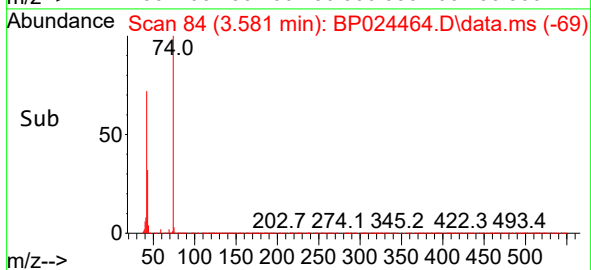
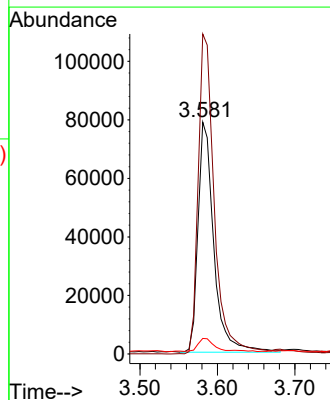
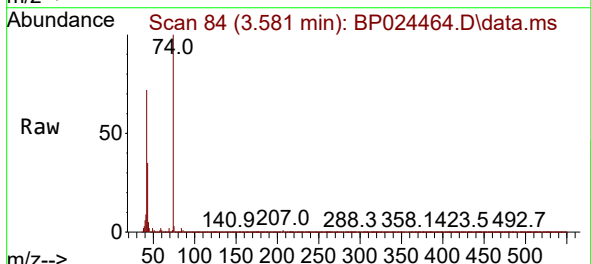
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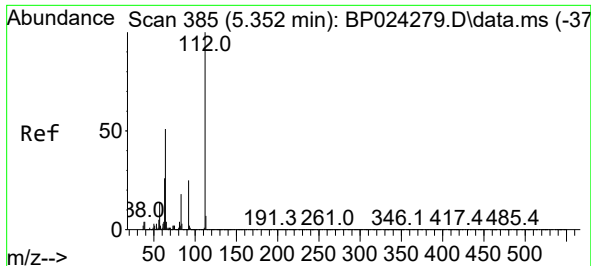
Tgt Ion: 79 Resp: 212270
Ion Ratio Lower Upper
79 100
52 61.8 45.4 68.2
51 32.5 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 43.642 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 42 Resp: 111410
Ion Ratio Lower Upper
42 100
74 138.0 139.5 209.3#
44 6.7 5.8 8.8

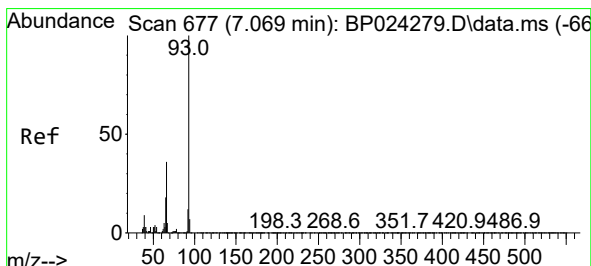
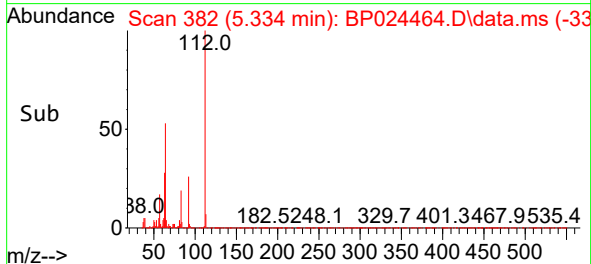
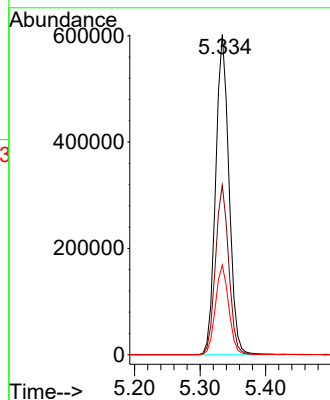
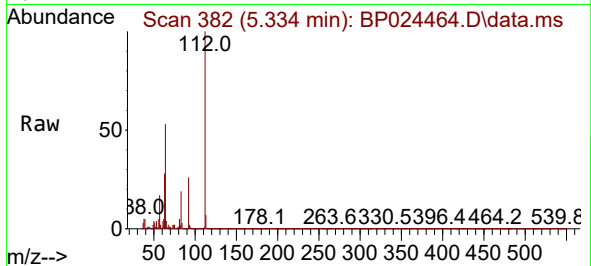




#5
2-Fluorophenol
Concen: 123.159 ng
RT: 5.334 min Scan# 385
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

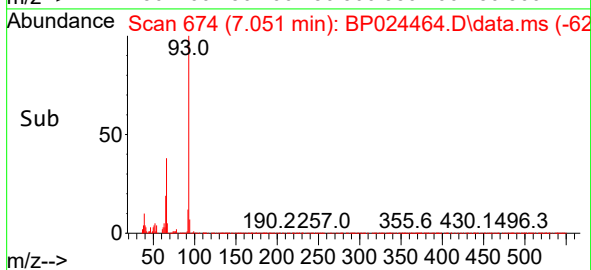
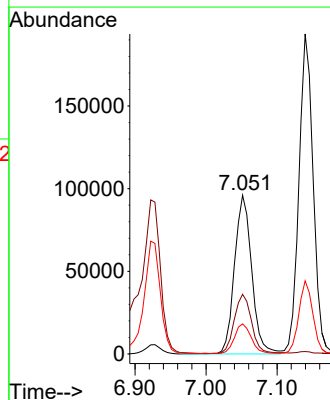
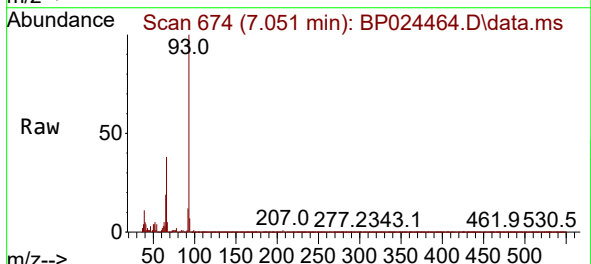
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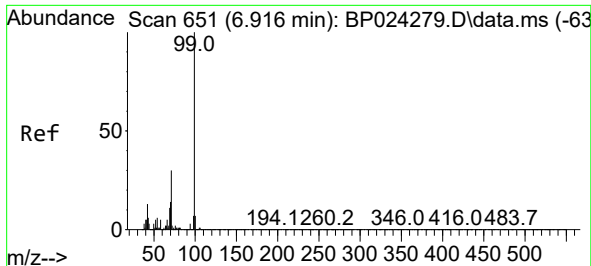
Tgt Ion:112 Resp: 848172
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 28.0 20.6 30.8



#6
Aniline
Concen: 19.263 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 93 Resp: 162317
Ion Ratio Lower Upper
93 100
66 37.6 29.1 43.7
65 19.0 14.7 22.1

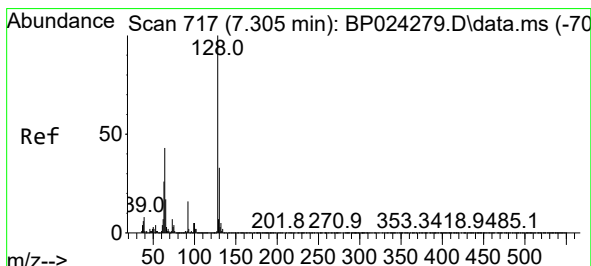
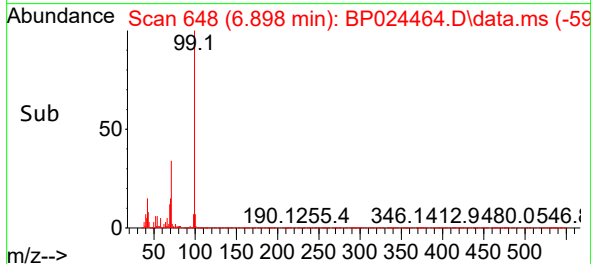
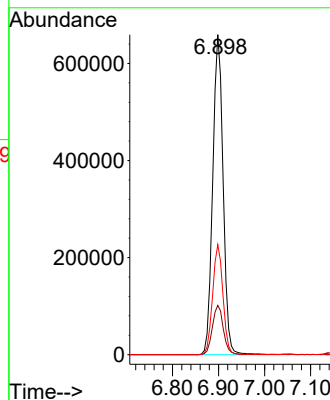
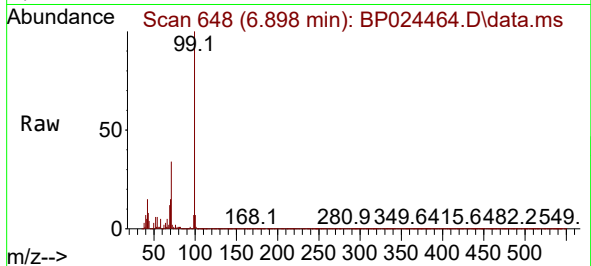




#7
Phenol-d6
Concen: 109.867 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

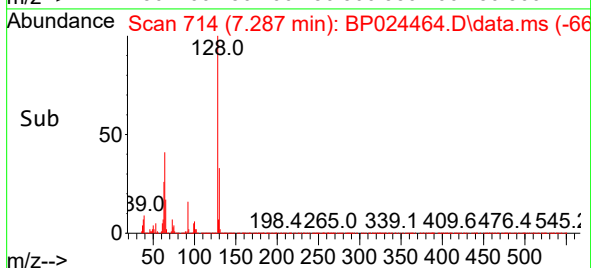
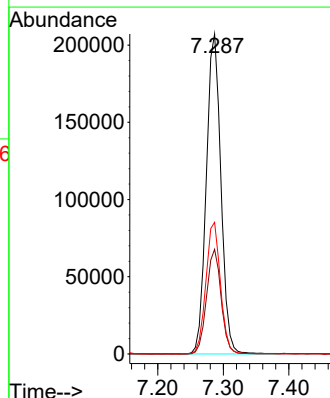
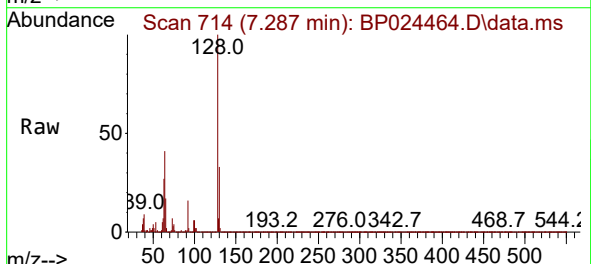
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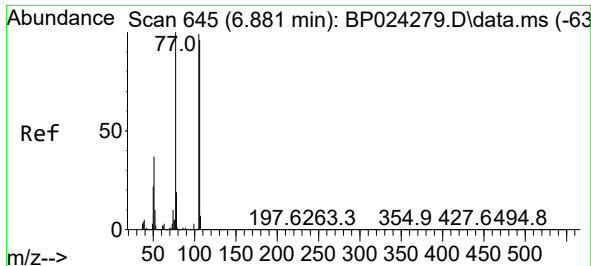
Tgt Ion: 99 Resp: 1036038
Ion Ratio Lower Upper
99 100
42 15.4 10.6 16.0
71 34.4 23.7 35.5



#8
2-Chlorophenol
Concen: 41.802 ng
RT: 7.287 min Scan# 714
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:128 Resp: 321413
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 41.2 22.7 62.7

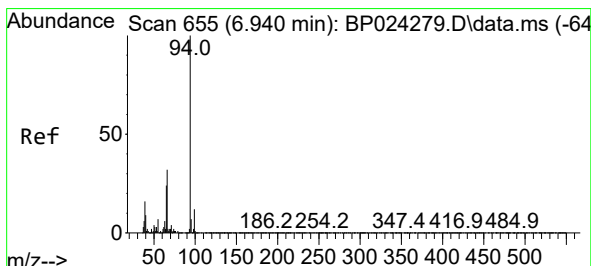
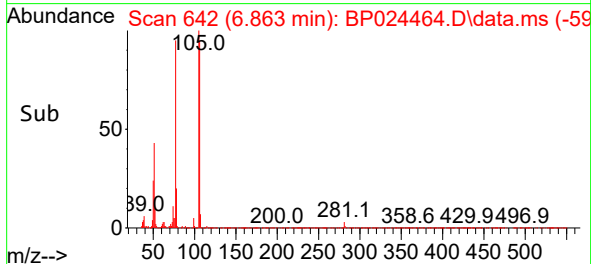
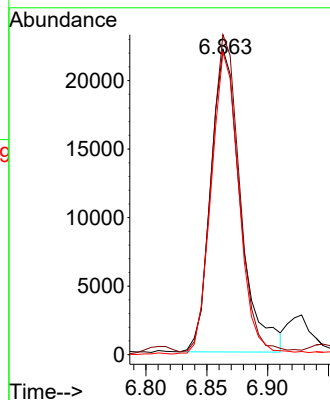
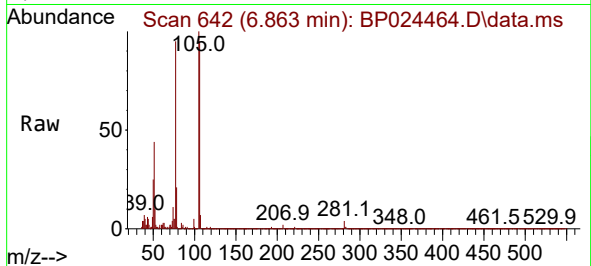




#9
Benzaldehyde
Concen: 8.021 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

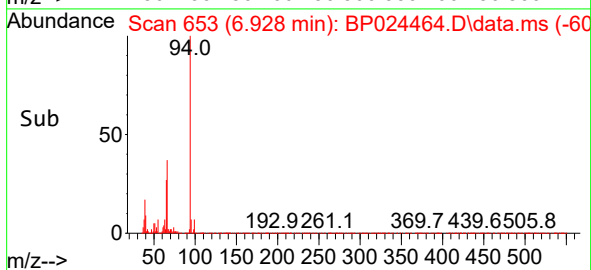
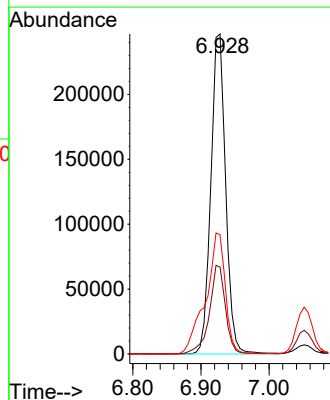
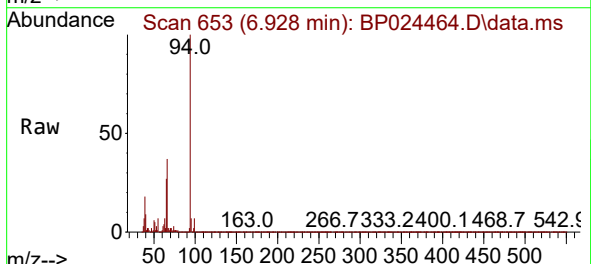
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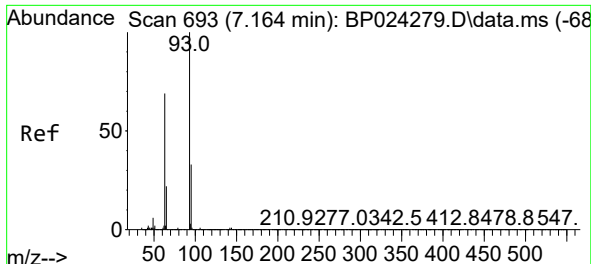
Tgt Ion: 77 Resp: 37413
Ion Ratio Lower Upper
77 100
105 104.8 79.2 119.2
106 99.0 76.2 116.2



#10
Phenol
Concen: 39.475 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 94 Resp: 373421
Ion Ratio Lower Upper
94 100
65 27.1 4.5 44.5
66 37.3 12.4 52.4





#11

bis(2-Chloroethyl)ether

Concen: 35.591 ng

RT: 7.140 min Scan# 61

Delta R.T. -0.018 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

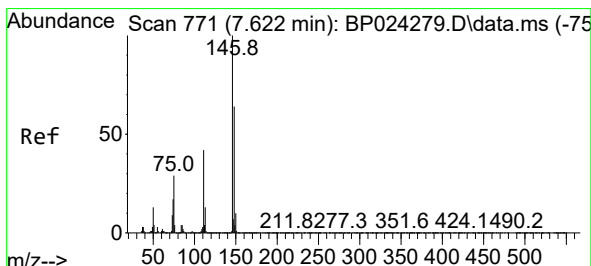
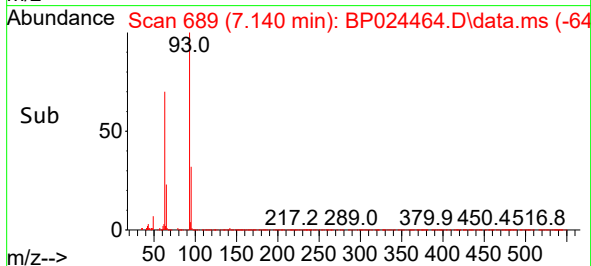
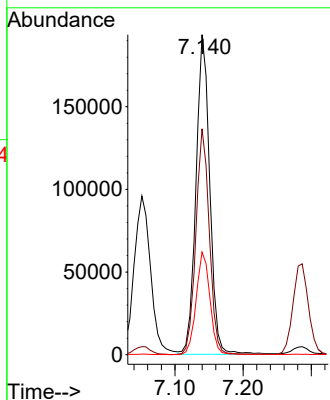
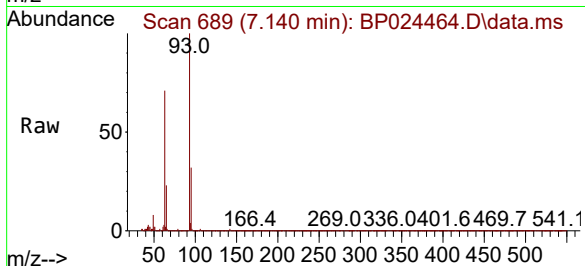
Tgt Ion: 93 Resp: 271268

Ion Ratio Lower Upper

93 100

63 70.6 48.6 88.6

95 32.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.595 ng

RT: 7.598 min Scan# 767

Delta R.T. -0.018 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

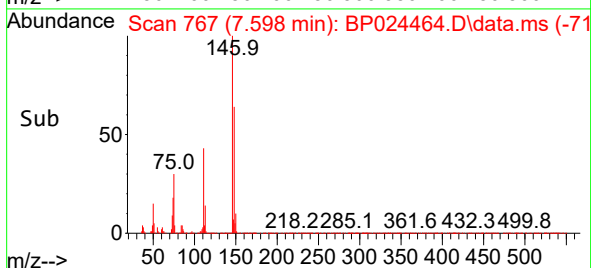
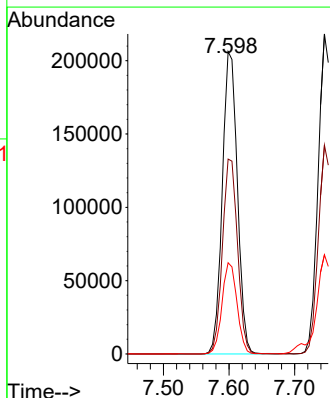
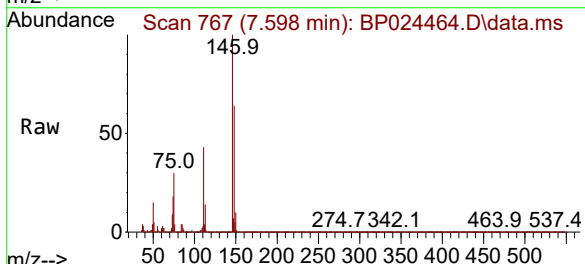
Tgt Ion:146 Resp: 327762

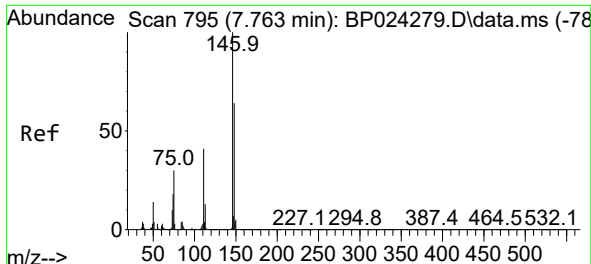
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

75 30.2 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 39.471 ng

RT: 7.745 min Scan# 795

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

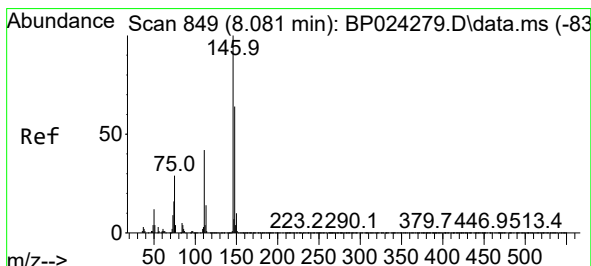
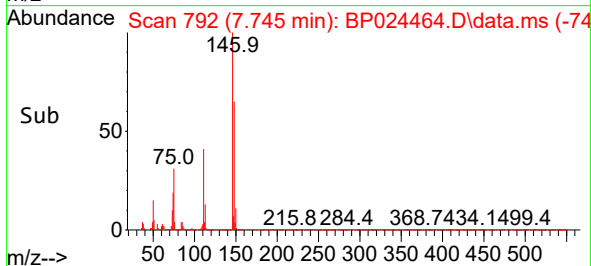
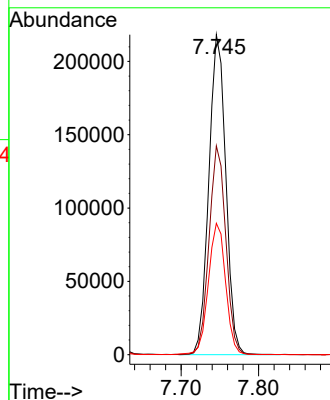
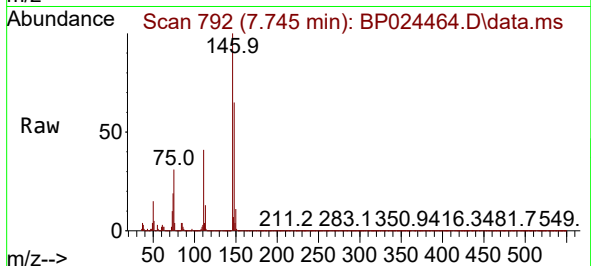
Tgt Ion:146 Resp: 331508

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

111 41.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 39.732 ng

RT: 8.057 min Scan# 845

Delta R.T. -0.018 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

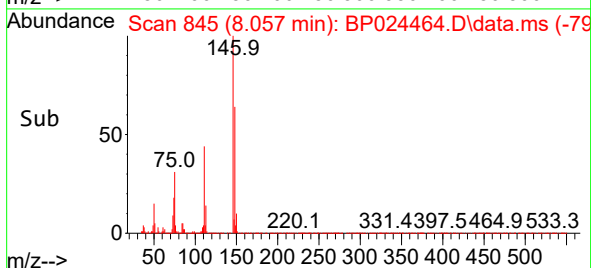
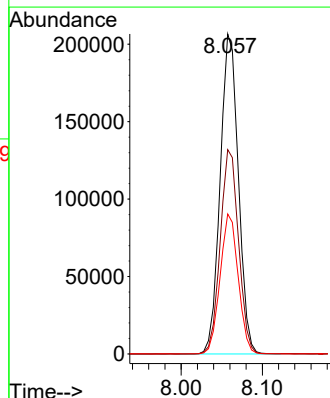
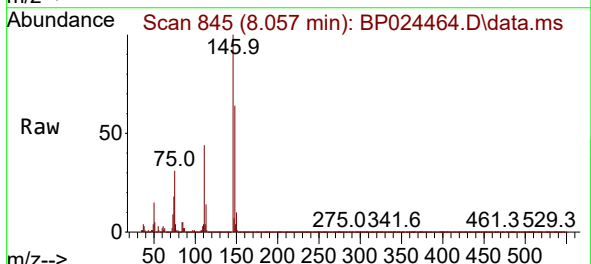
Tgt Ion:146 Resp: 322225

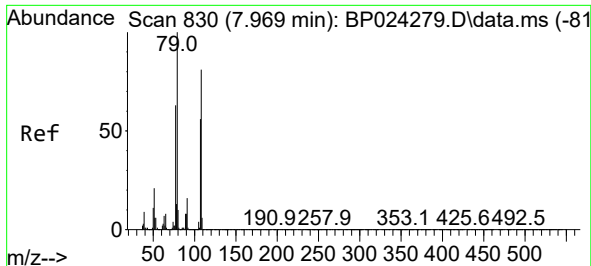
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

111 43.8 33.8 50.8

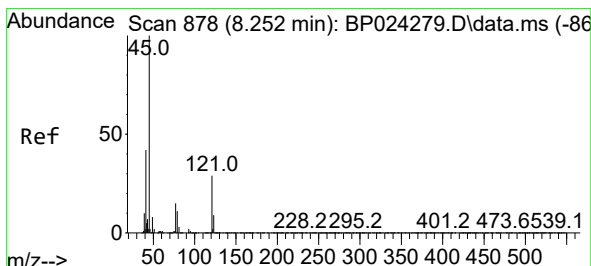
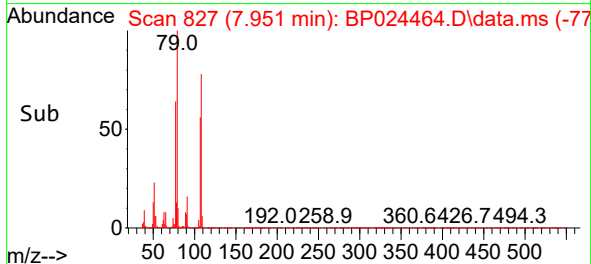
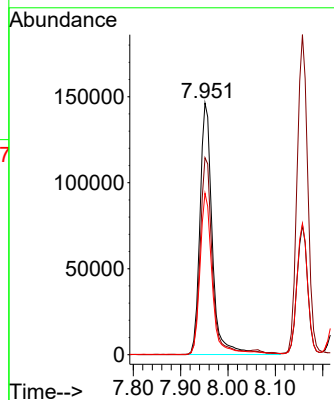
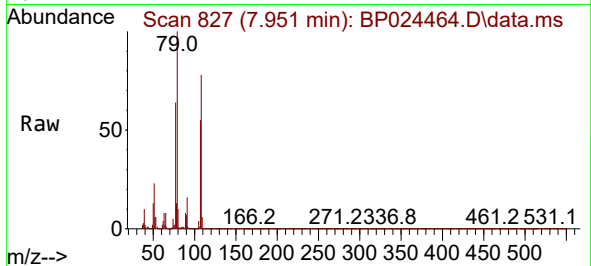




#15
Benzyl Alcohol
Concen: 43.540 ng
RT: 7.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

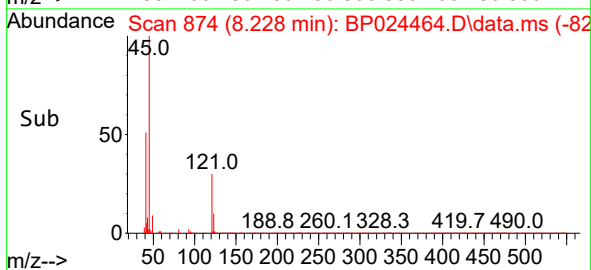
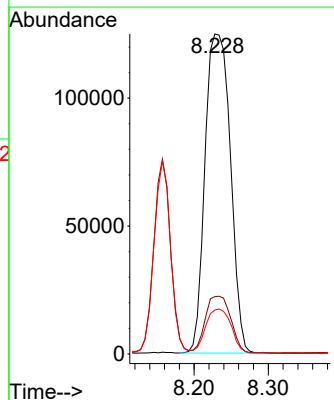
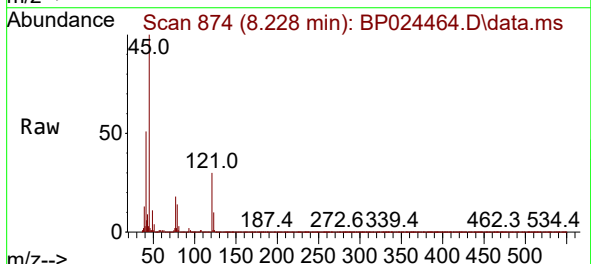
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

Tgt Ion: 79 Resp: 265521
Ion Ratio Lower Upper
79 100
108 78.2 65.1 97.7
77 64.2 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.013 ng
RT: 8.228 min Scan# 874
Delta R.T. -0.018 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 45 Resp: 296682
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 13.7 0.0 33.5

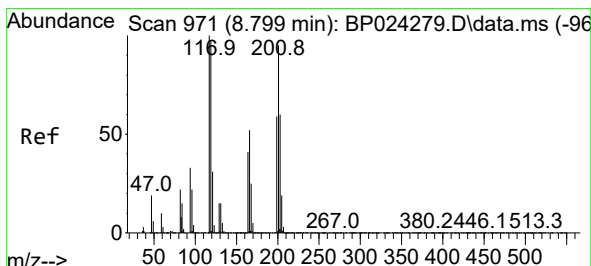
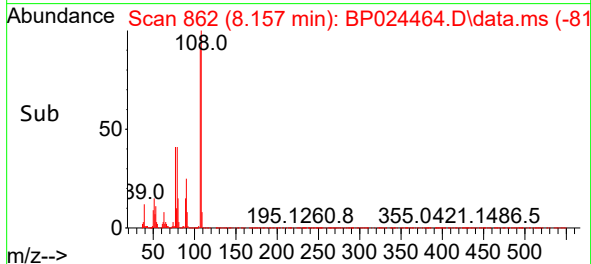
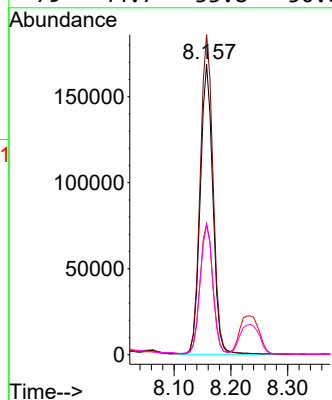
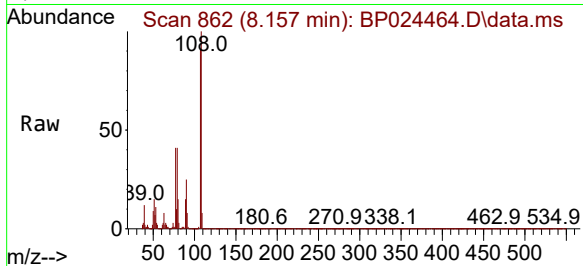




#17
2-Methylphenol
Concen: 42.636 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

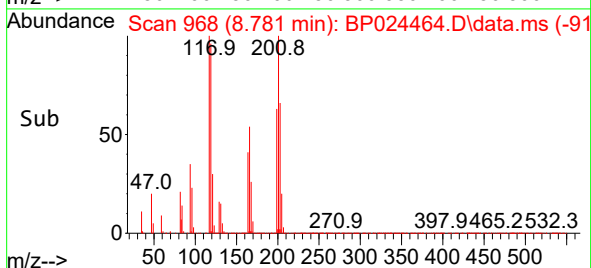
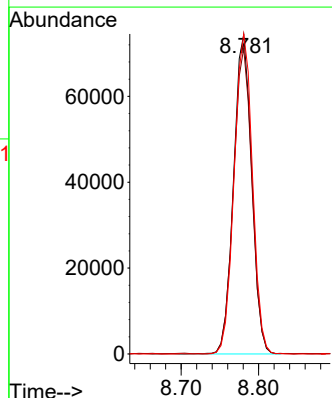
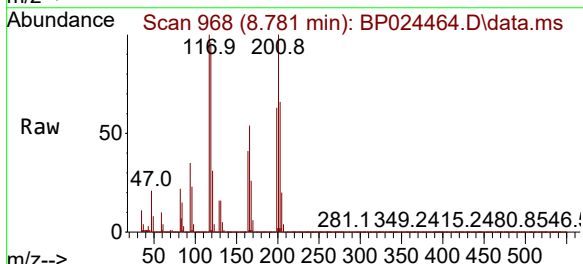
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

Tgt Ion:107 Resp: 260910
Ion Ratio Lower Upper
107 100
108 110.2 89.8 134.6
77 45.2 34.2 51.4
79 44.7 33.8 50.8



#18
Hexachloroethane
Concen: 40.053 ng
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:117 Resp: 121572
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6
201 100.2 75.9 113.9

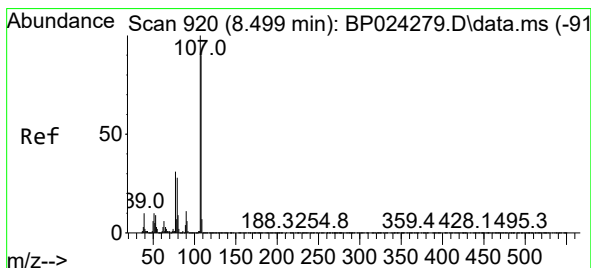
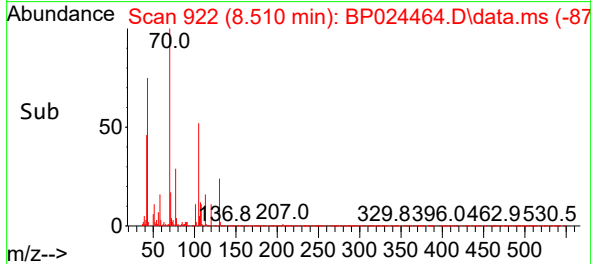
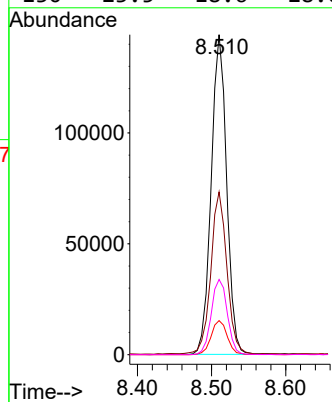
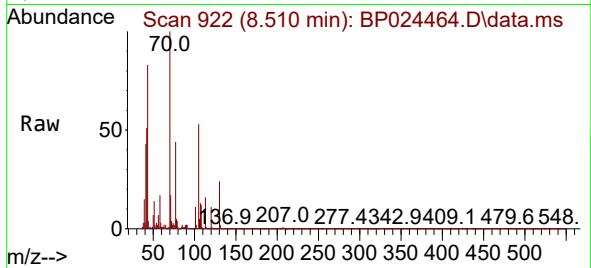




#19
n-Nitroso-di-n-propylamine
Concen: 35.671 ng
RT: 8.510 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

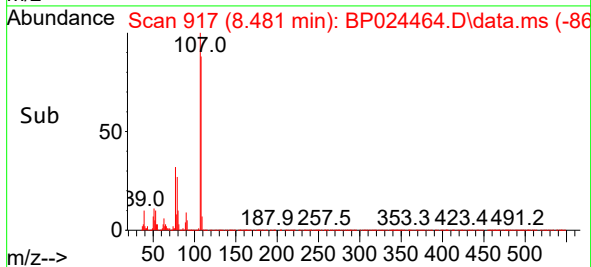
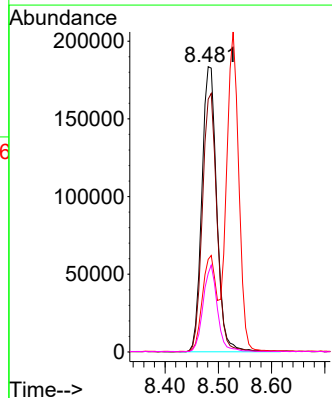
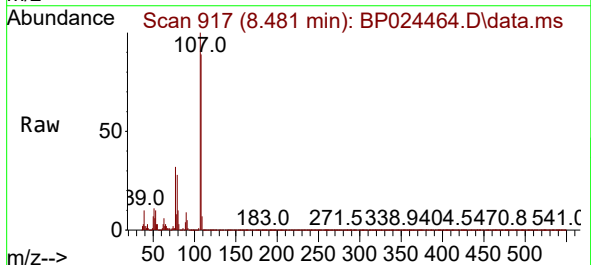
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

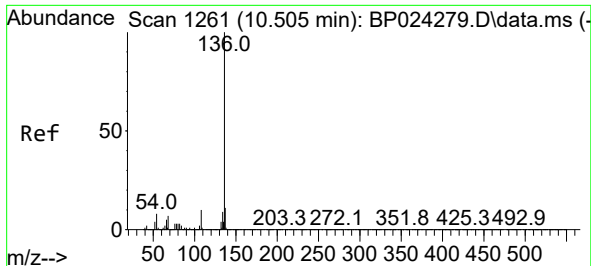
Tgt Ion: 70 Resp: 208104
Ion Ratio Lower Upper
70 100
42 50.9 37.3 55.9
101 10.7 8.2 12.4
130 23.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 42.104 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 107 Resp: 357503
Ion Ratio Lower Upper
107 100
108 88.6 69.8 109.8
77 32.5 11.5 51.5
79 27.5 7.8 47.8

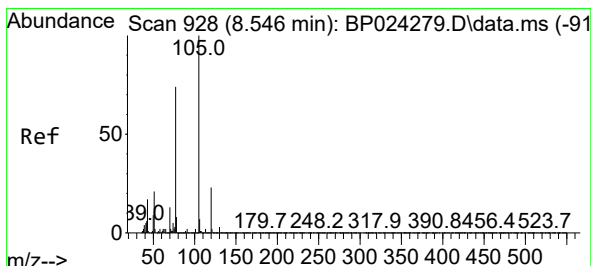
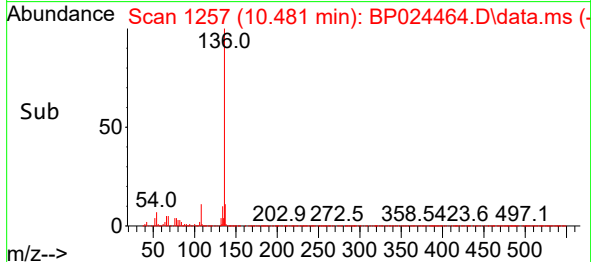
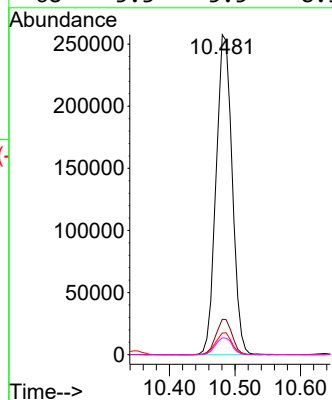
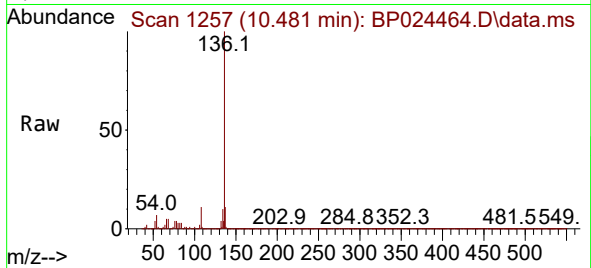




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

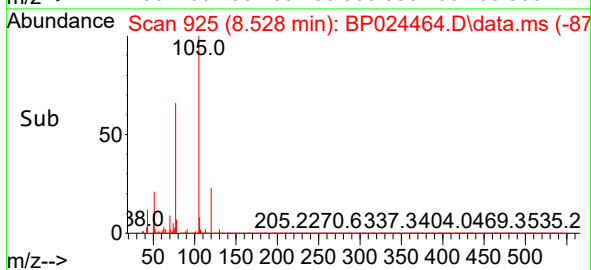
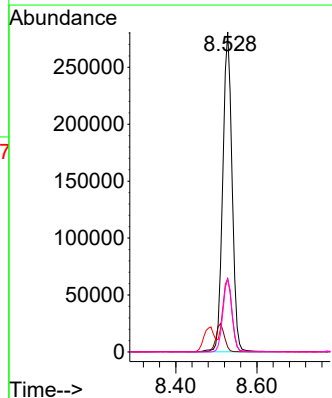
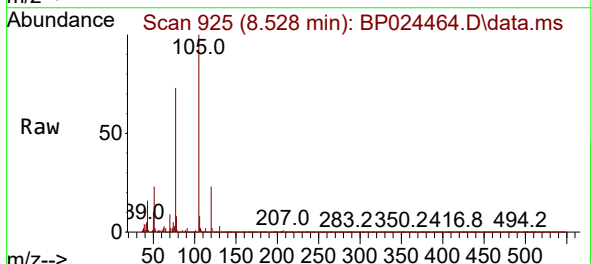
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

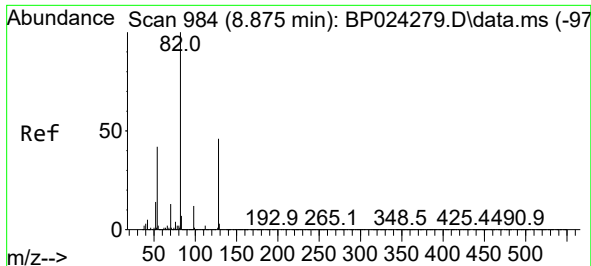
Tgt Ion:136 Resp: 438929
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.8 6.0 9.0
68 5.3 5.5 8.3#



#22
Acetophenone
Concen: 41.370 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:105 Resp: 449435
Ion Ratio Lower Upper
105 100
71 1.6 1.7 2.5#
51 23.0 16.9 25.3
120 22.7 18.6 28.0

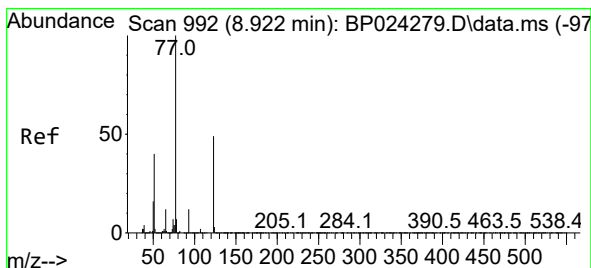
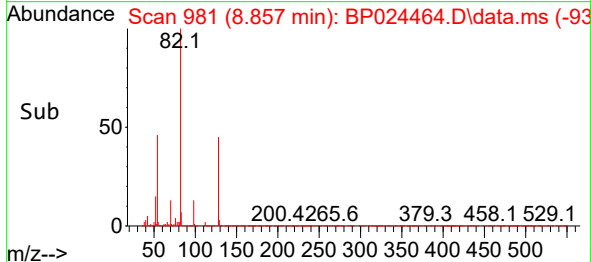
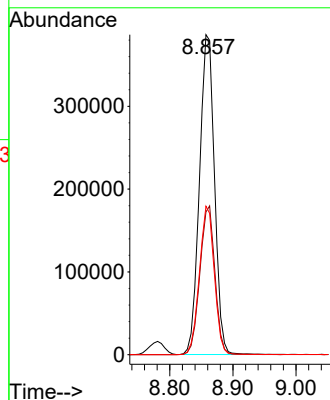
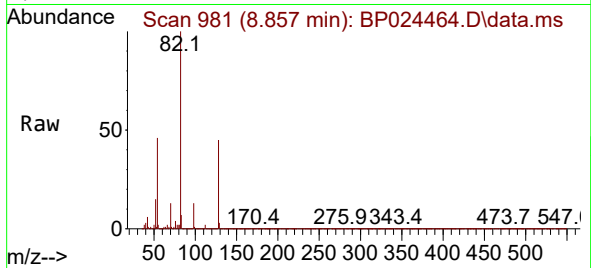




#23
Nitrobenzene-d5
Concen: 83.017 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

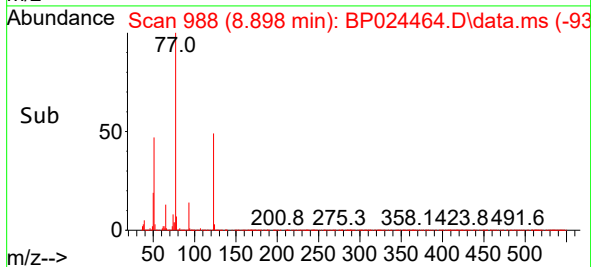
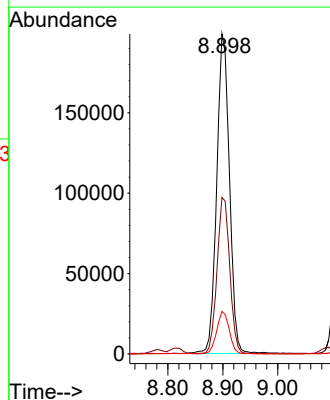
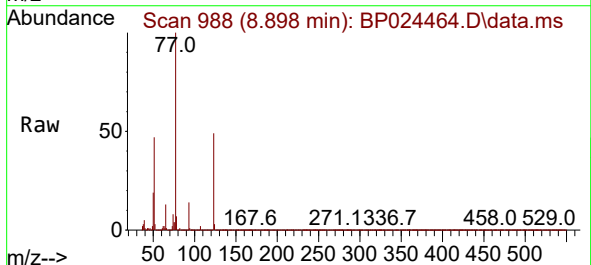
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

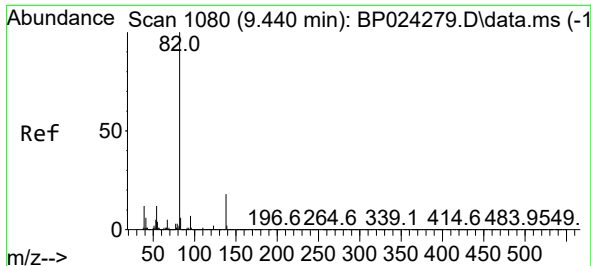
Tgt Ion: 82 Resp: 639039
Ion Ratio Lower Upper
82 100
128 44.6 36.5 54.7
54 46.4 33.4 50.2



#24
Nitrobenzene
Concen: 42.009 ng
RT: 8.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 77 Resp: 319896
Ion Ratio Lower Upper
77 100
123 48.9 39.2 58.8
65 13.3 9.8 14.6

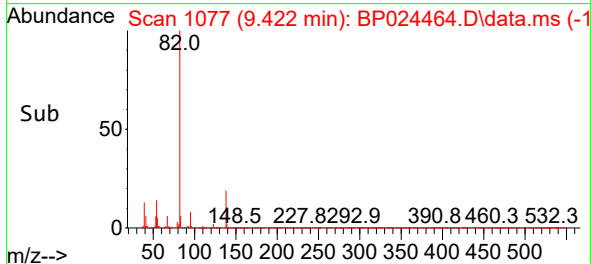
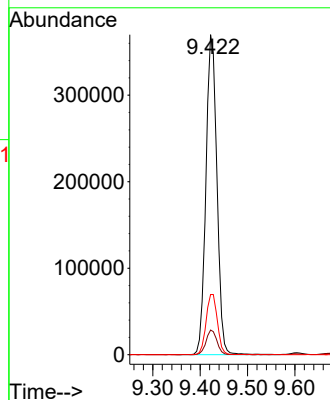
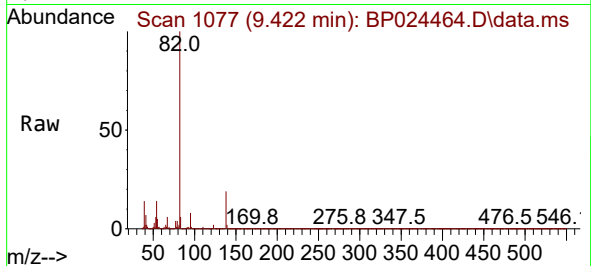




#25
Isophorone
Concen: 42.630 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

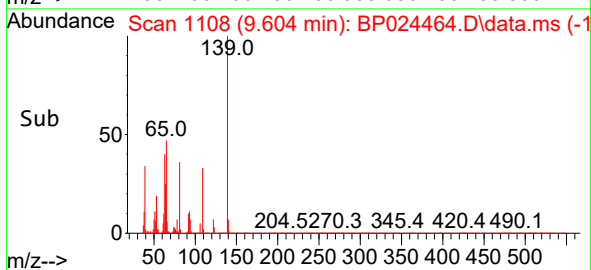
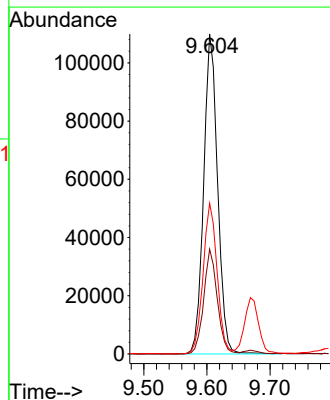
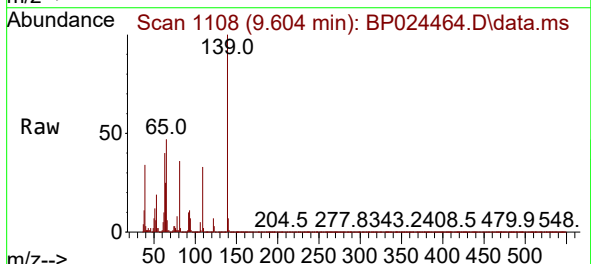
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BNA_P
ClientSampleId :
MH-AMSD

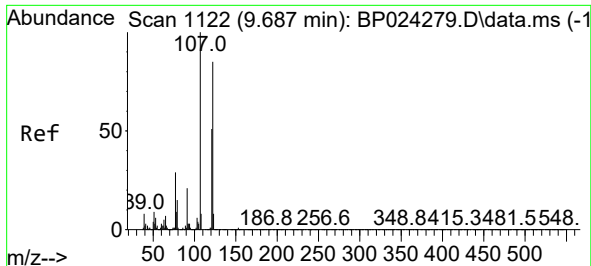
Tgt Ion: 82 Resp: 593971
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.2
138 18.8 14.4 21.6



#26
2-Nitrophenol
Concen: 45.291 ng
RT: 9.604 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 139 Resp: 168778
Ion Ratio Lower Upper
139 100
109 32.7 21.8 32.6#
65 47.1 36.2 54.2

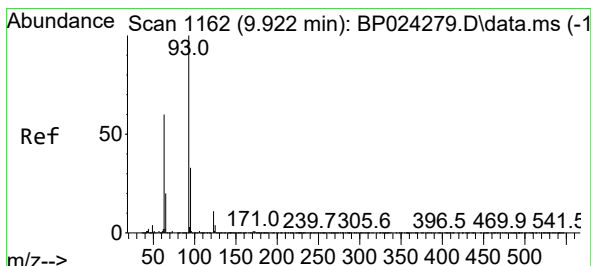
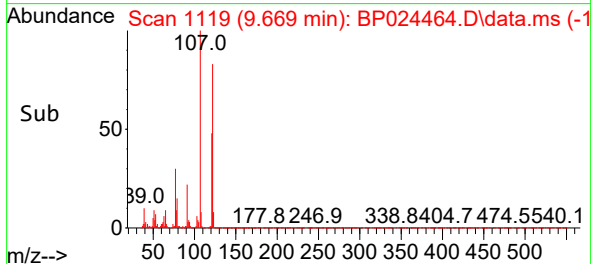
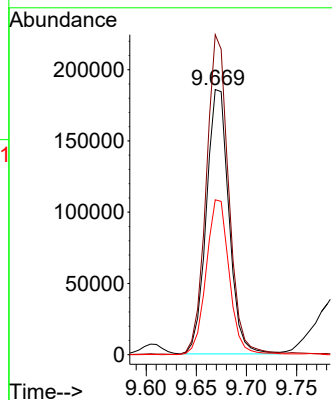
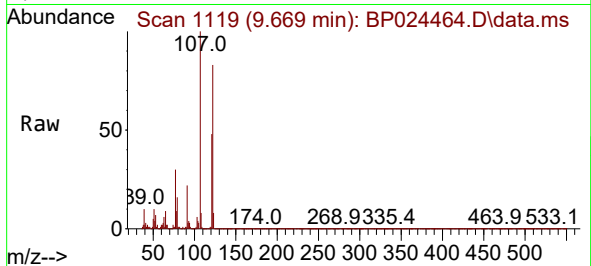




#27
2,4-Dimethylphenol
Concen: 62.299 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

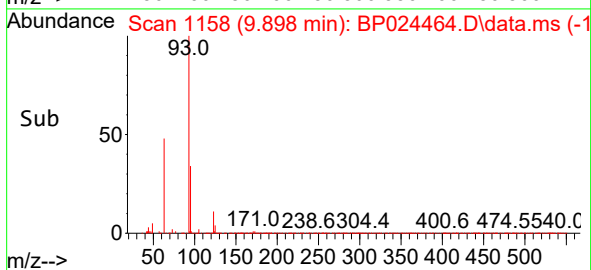
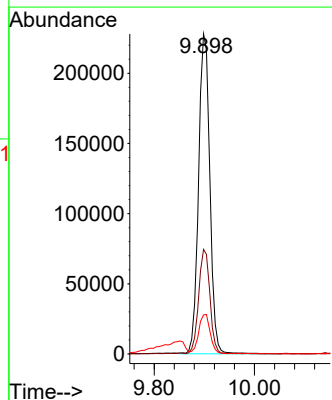
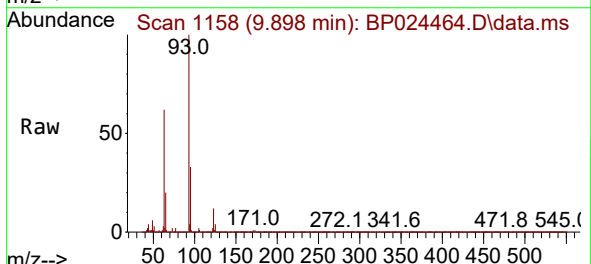
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

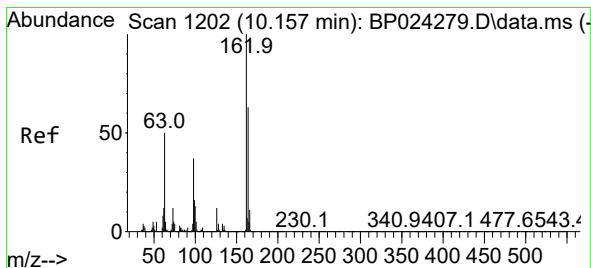
Tgt Ion:122 Resp: 291507
Ion Ratio Lower Upper
122 100
107 120.7 93.7 140.5
121 58.4 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 37.712 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion: 93 Resp: 354963
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.2 9.1 13.7

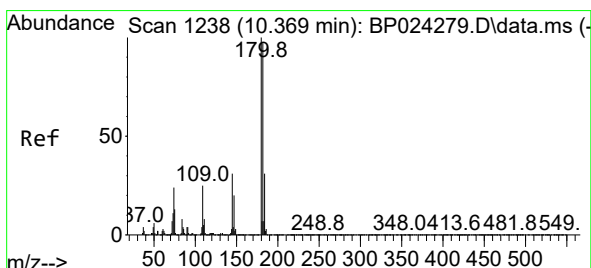
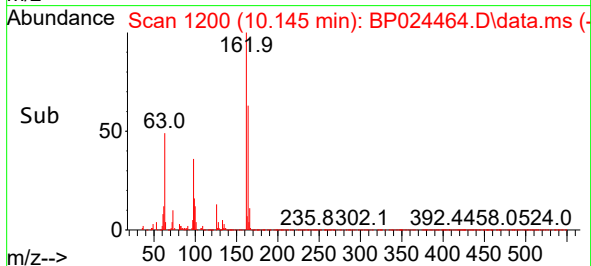
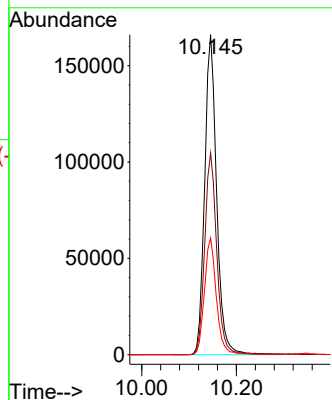
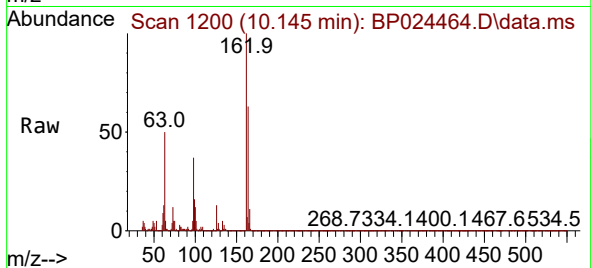




#29
2,4-Dichlorophenol
Concen: 45.655 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

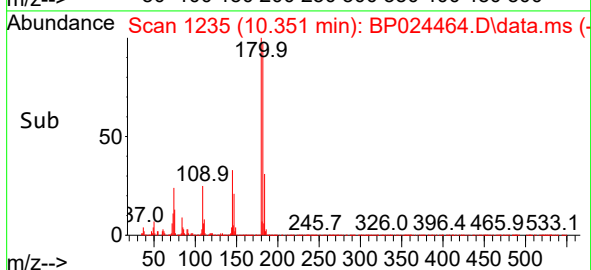
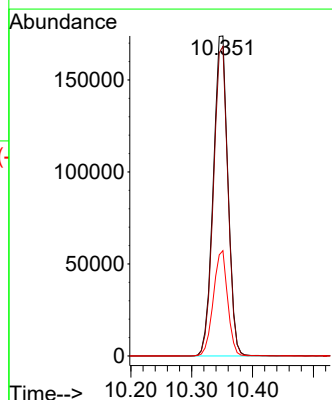
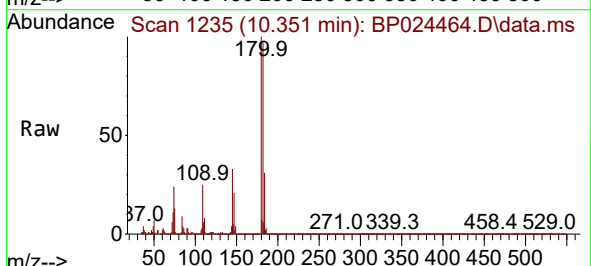
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

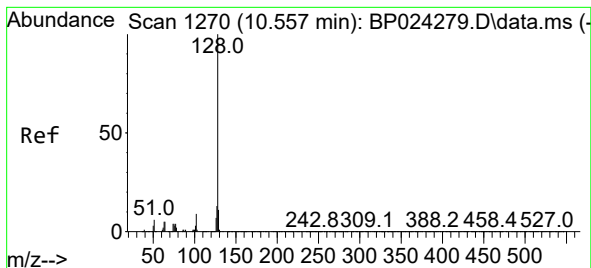
Tgt Ion:162 Resp: 291280
Ion Ratio Lower Upper
162 100
164 63.0 43.3 83.3
98 36.5 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 42.573 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:180 Resp: 291019
Ion Ratio Lower Upper
180 100
182 96.7 77.3 115.9
145 32.9 25.1 37.7

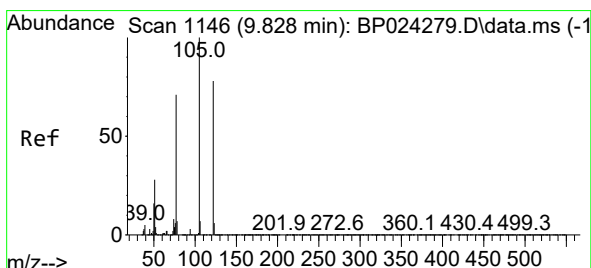
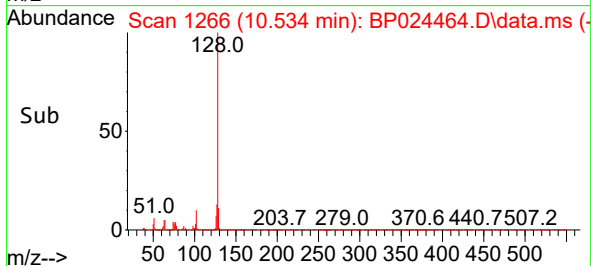
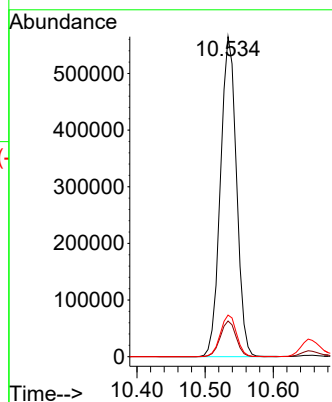
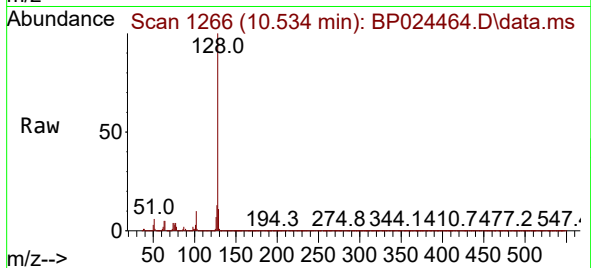




#31
Naphthalene
Concen: 40.052 ng
RT: 10.534 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

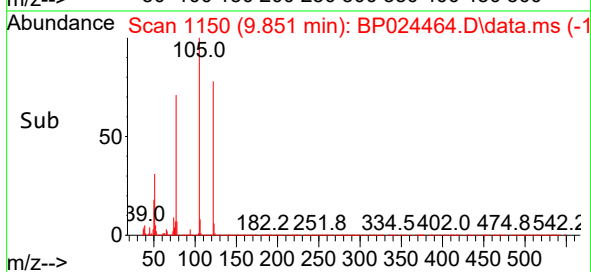
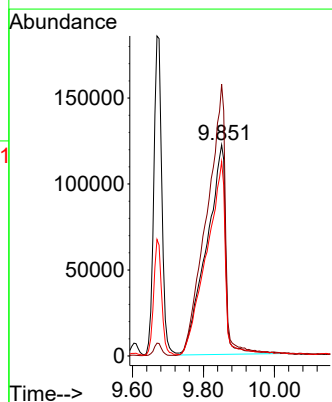
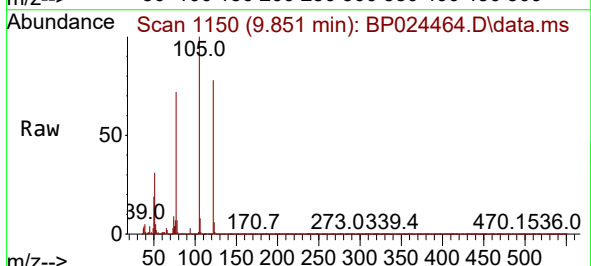
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

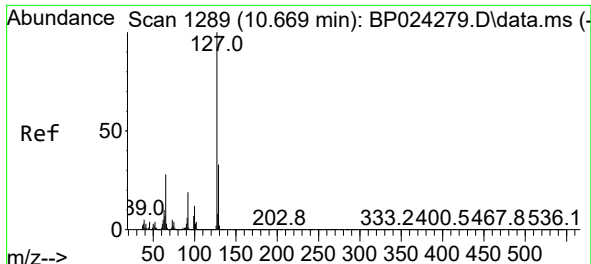
Tgt Ion:128 Resp: 926036
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 83.626 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.029 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:122 Resp: 455948
Ion Ratio Lower Upper
122 100
105 128.7 104.8 144.8
77 92.1 69.2 109.2

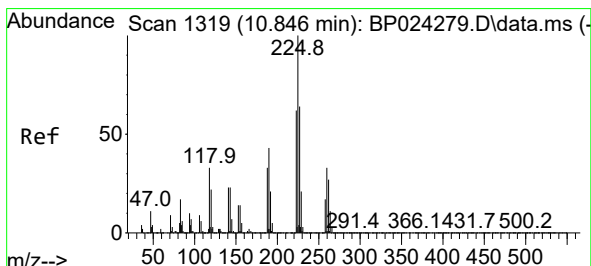
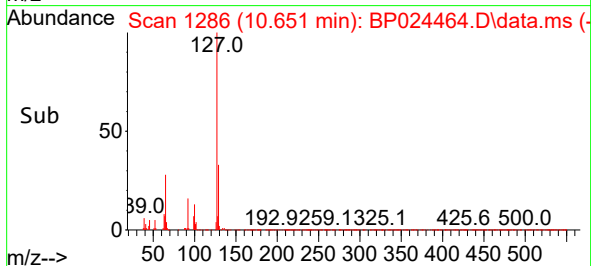
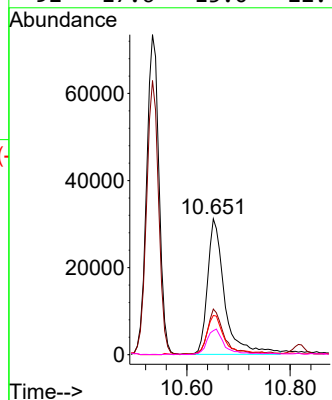
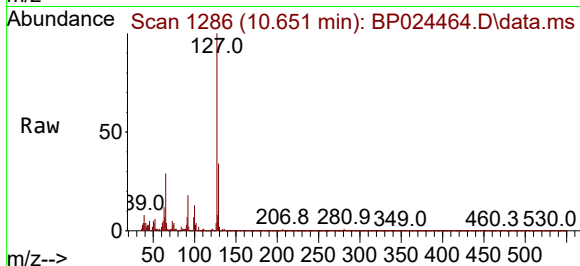




#33
4-Chloroaniline
Concen: 8.773 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

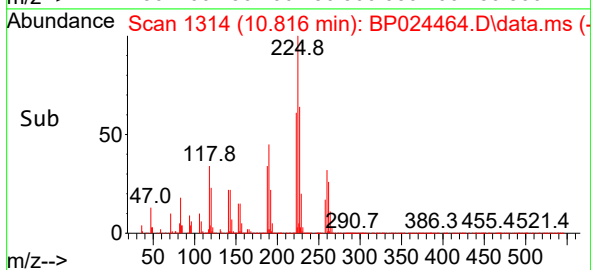
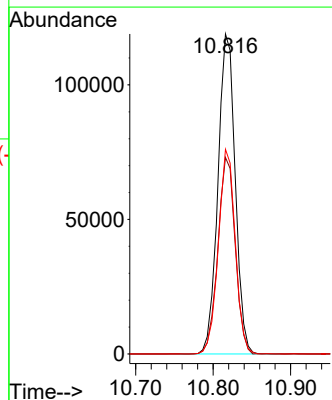
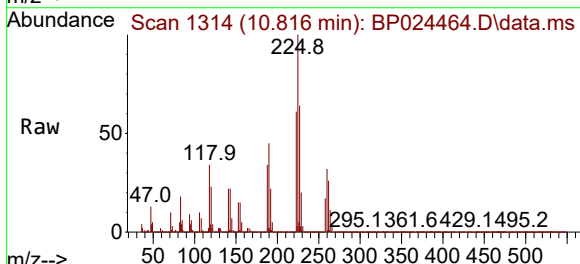
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

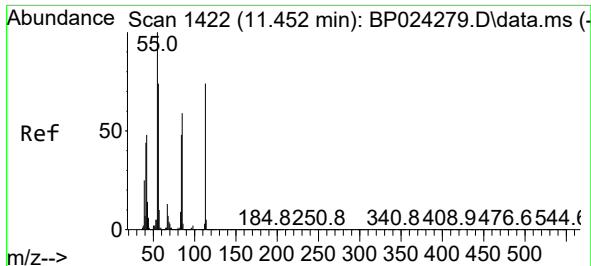
Tgt Ion:	127	Resp:	71436
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.1	39.1
65	28.9	22.1	33.1
92	17.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 45.845 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:	225	Resp:	184152
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	63.9	50.9	76.3

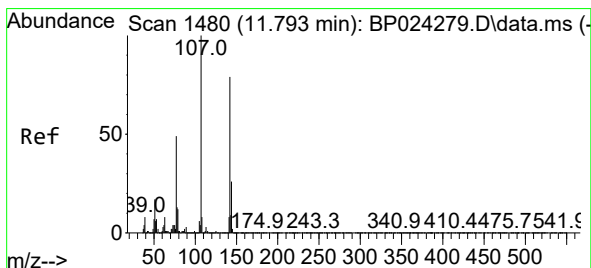
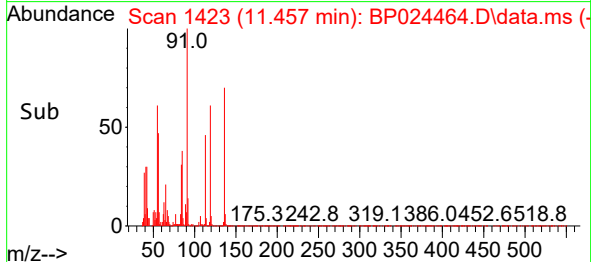
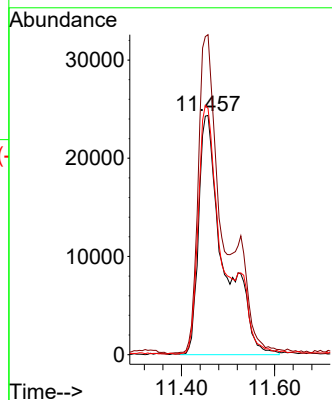
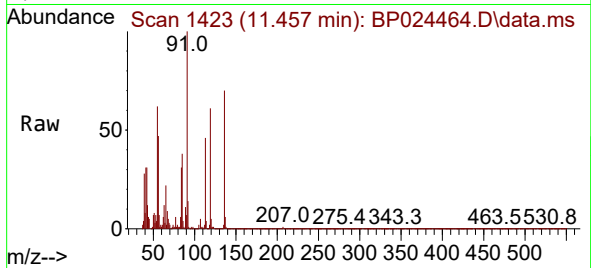




#35
Caprolactam
Concen: 38.963 ng m
RT: 11.457 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

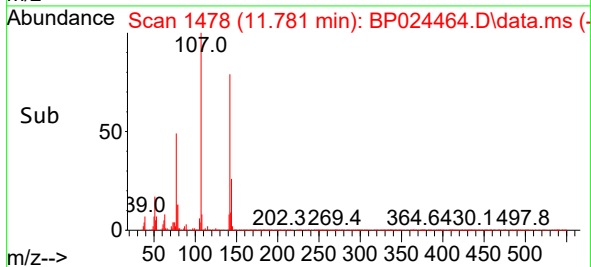
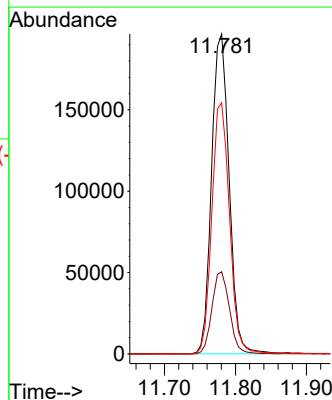
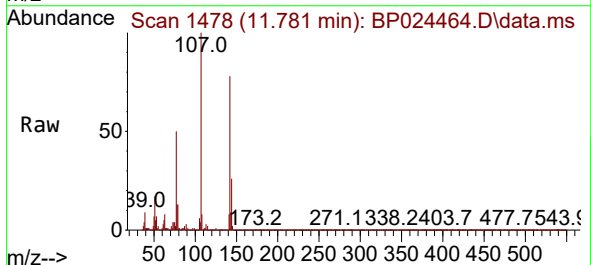
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

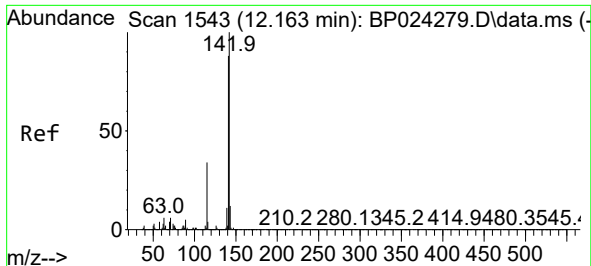
Tgt Ion:113 Resp: 91724
Ion Ratio Lower Upper
113 100
55 133.8 115.9 155.9
56 103.0 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 45.393 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:107 Resp: 337326
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 78.5 63.4 95.2

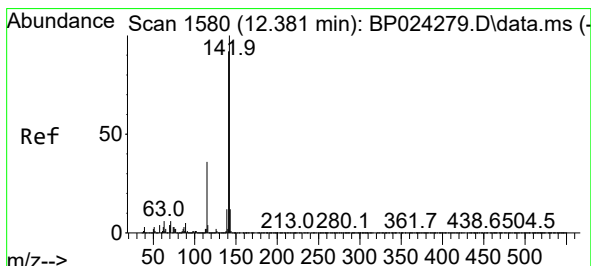
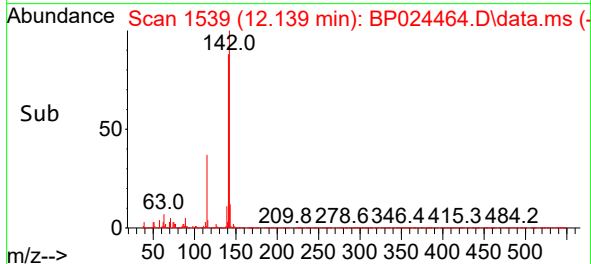
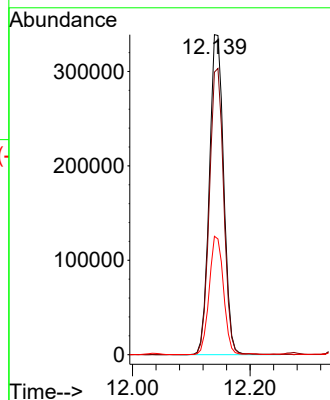
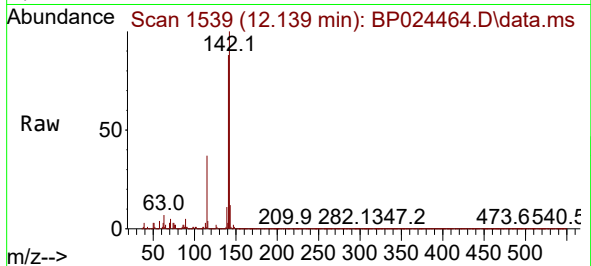




#37
2-Methylnaphthalene
Concen: 35.944 ng
RT: 12.139 min Scan# 1539
Delta R.T. -0.018 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

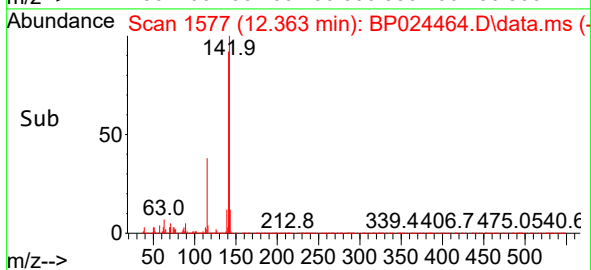
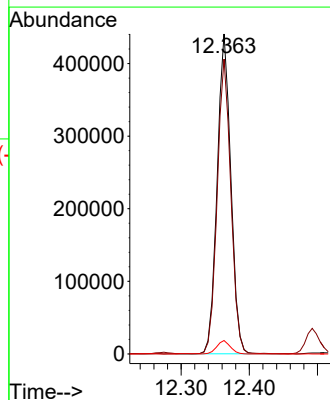
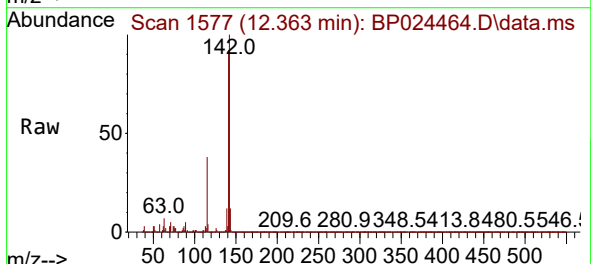
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

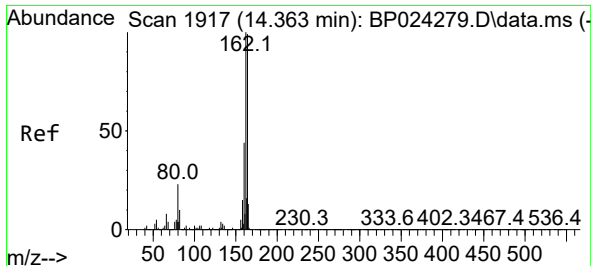
Tgt Ion:142 Resp: 576353
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 37.0 26.9 40.3



#38
1-Methylnaphthalene
Concen: 39.271 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:142 Resp: 616026
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4
116 4.2 3.0 4.6

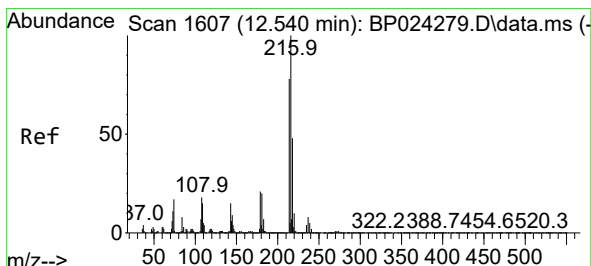
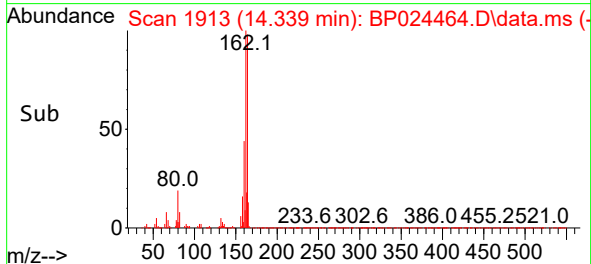
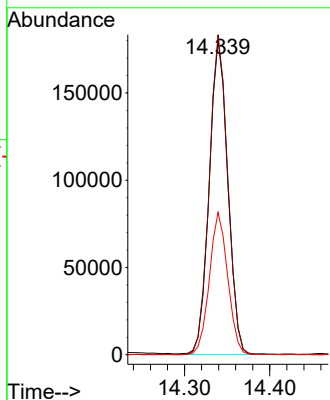
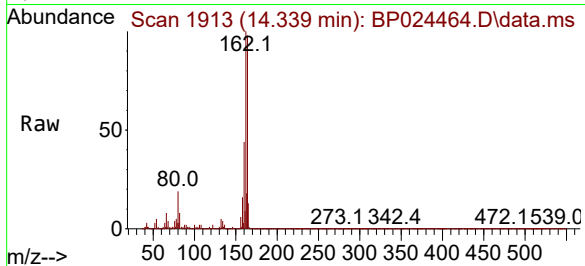




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

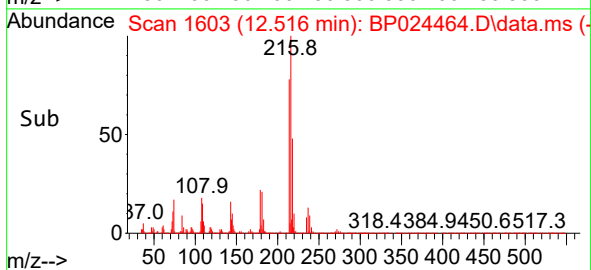
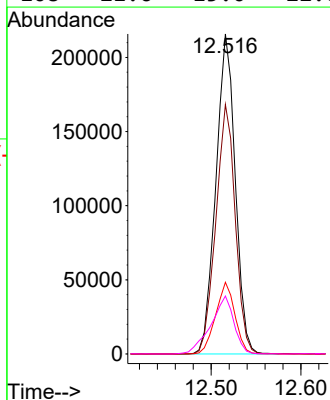
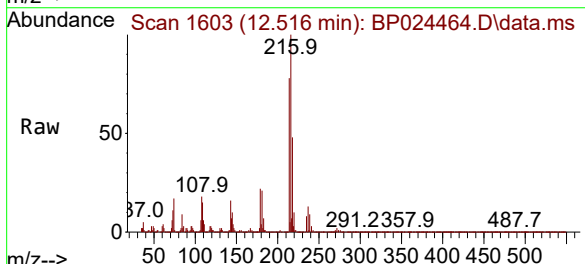
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

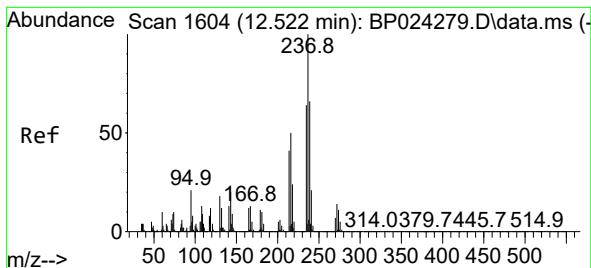
Tgt Ion:164 Resp: 272693
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 45.2 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.132 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:216 Resp: 323455
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 22.3 17.2 25.8
108 21.6 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 153.761 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

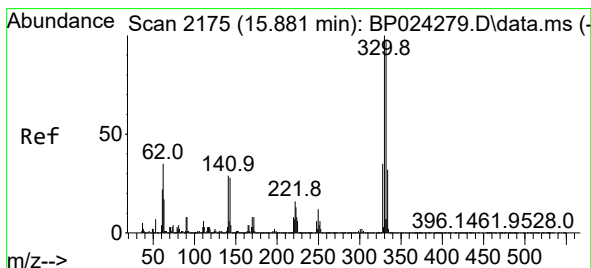
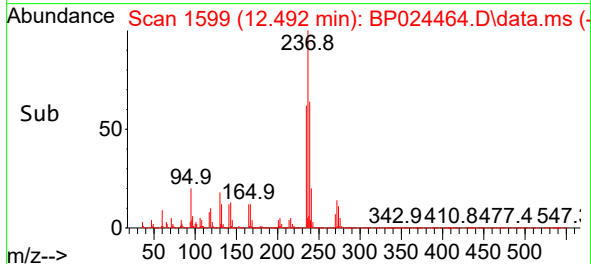
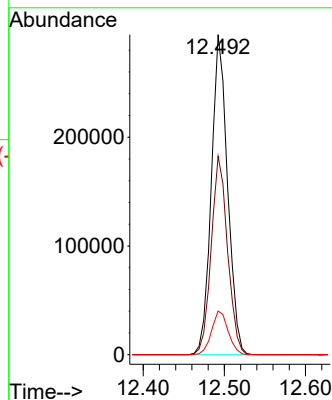
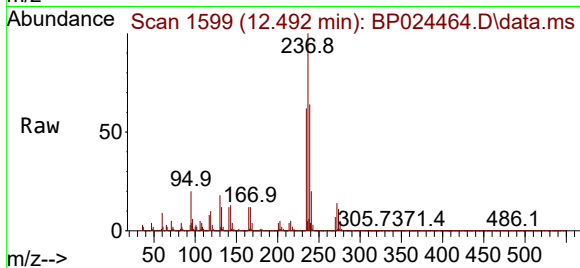
Tgt Ion:237 Resp: 407810

Ion Ratio Lower Upper

237 100

235 62.0 43.9 83.9

272 13.7 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 145.361 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

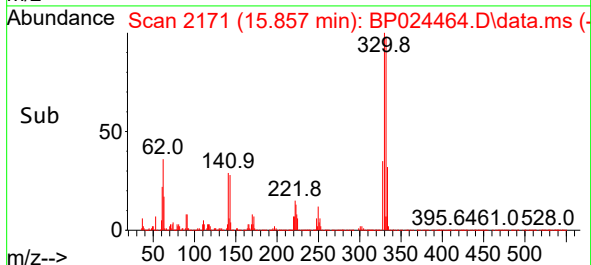
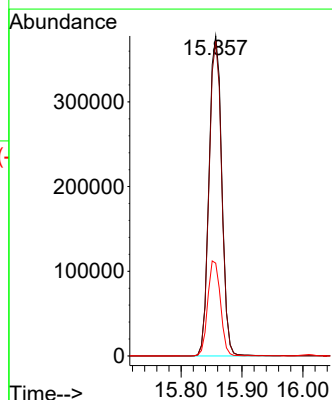
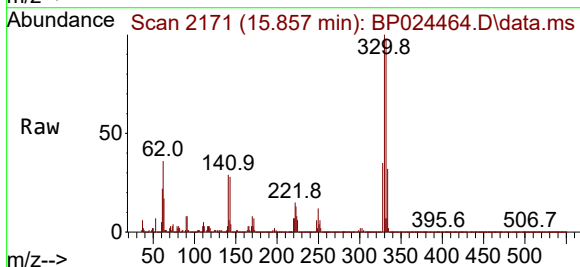
Tgt Ion:330 Resp: 548425

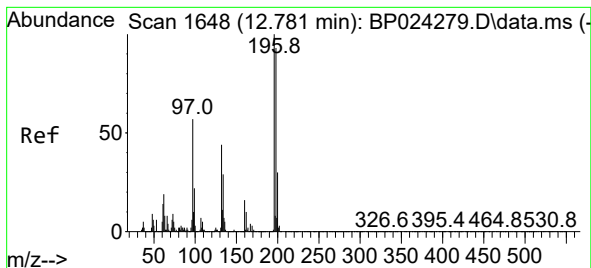
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 29.7 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 47.377 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

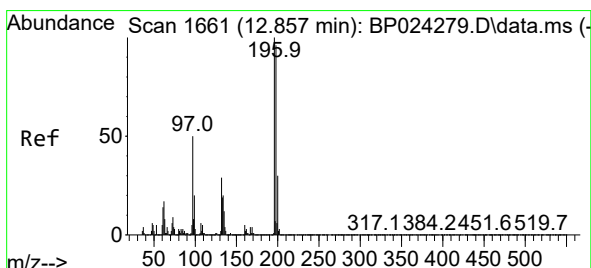
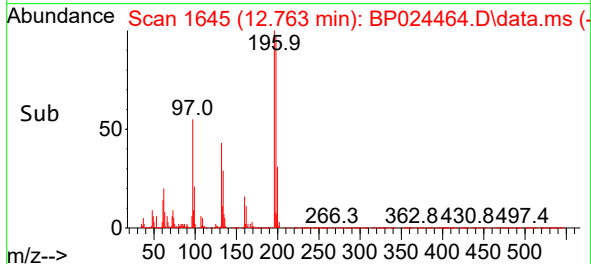
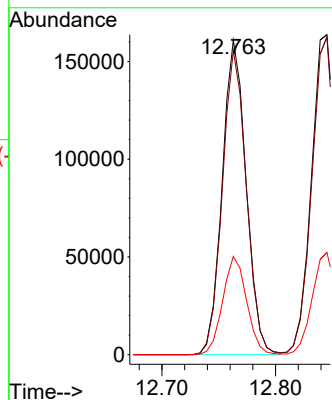
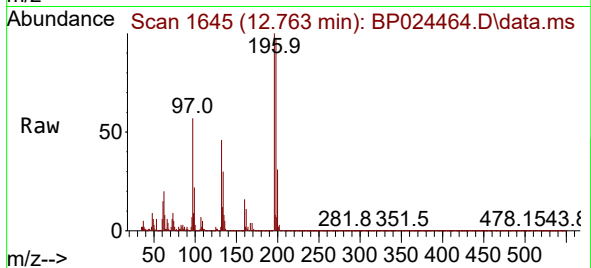
Tgt Ion:196 Resp: 236215

Ion Ratio Lower Upper

196 100

198 96.7 74.3 111.5

200 31.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.289 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Tgt Ion:196 Resp: 261089

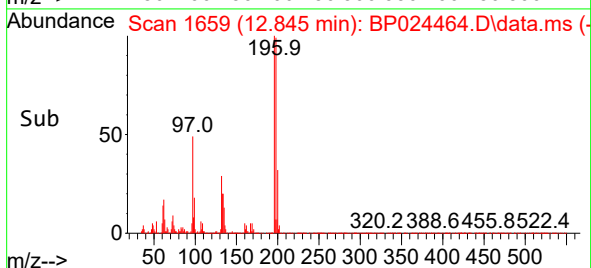
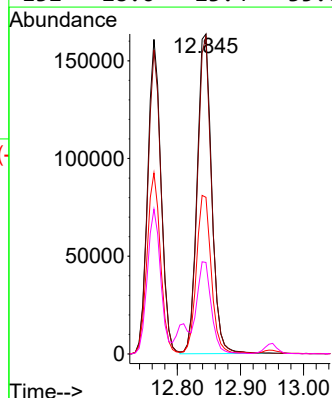
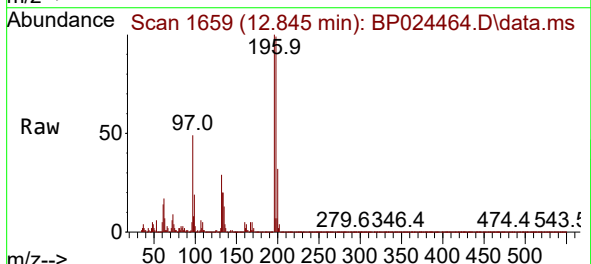
Ion Ratio Lower Upper

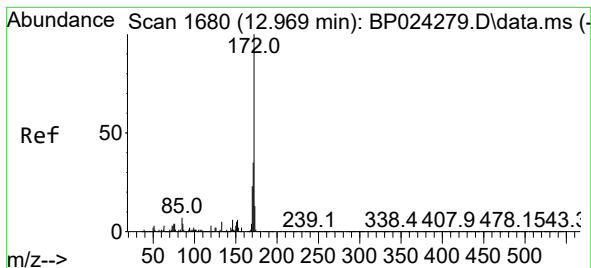
196 100

198 99.3 77.3 115.9

97 49.0 40.4 60.6

132 28.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 81.065 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

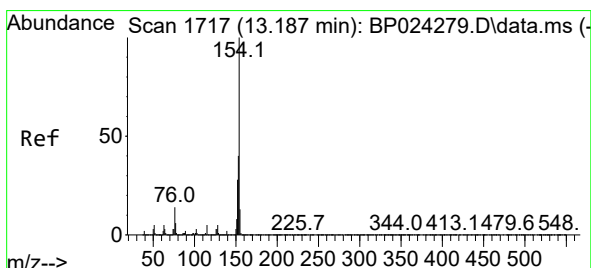
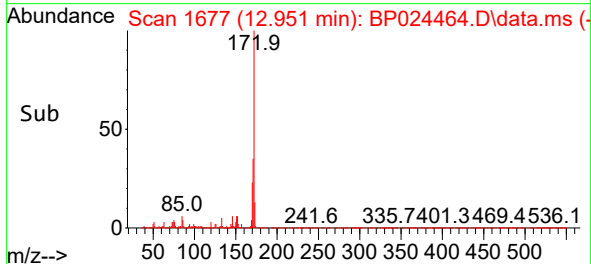
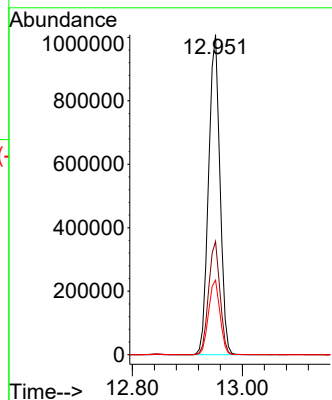
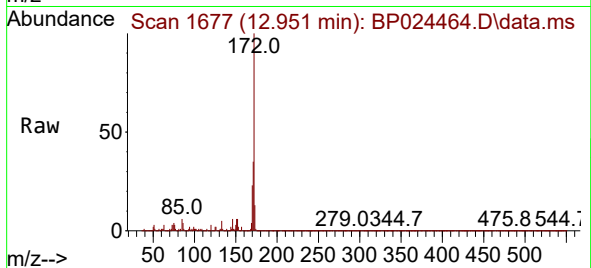
Tgt Ion:172 Resp: 1443783

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 41.656 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

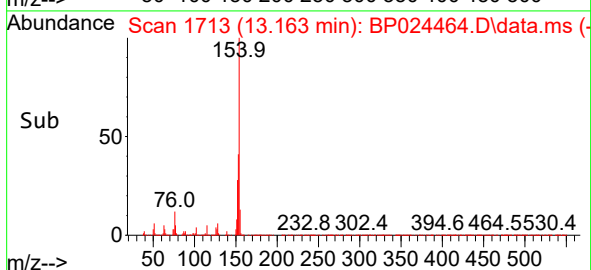
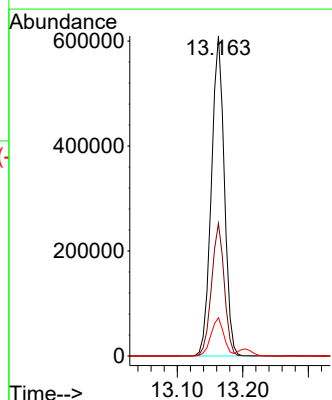
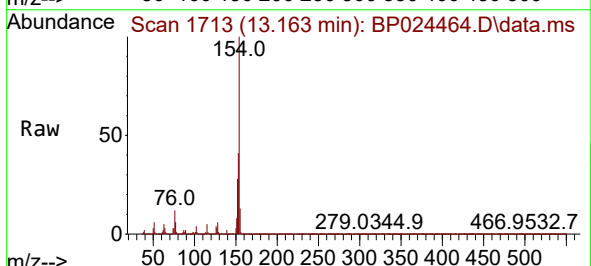
Tgt Ion:154 Resp: 834975

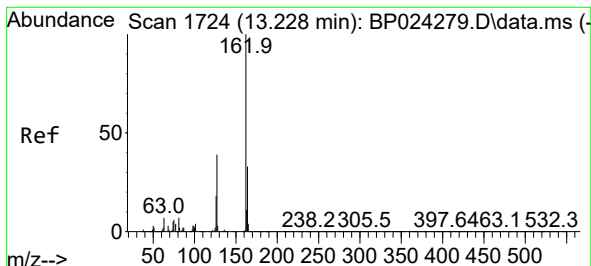
Ion Ratio Lower Upper

154 100

153 41.4 20.3 60.3

76 12.0 0.0 33.5





#47

2-Chloronaphthalene

Concen: 42.823 ng

RT: 13.204 min Scan# 1720

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

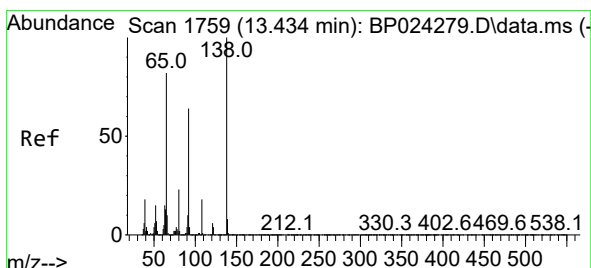
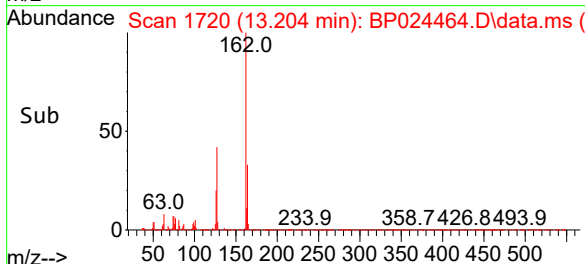
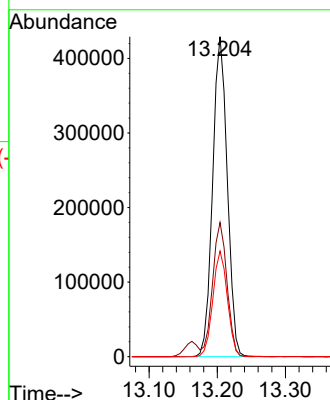
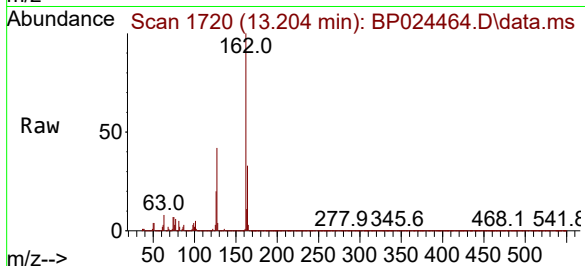
Tgt Ion:162 Resp: 641529

Ion Ratio Lower Upper

162 100

127 42.0 31.9 47.9

164 33.0 26.2 39.4



#48

2-Nitroaniline

Concen: 48.920 ng

RT: 13.410 min Scan# 1755

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

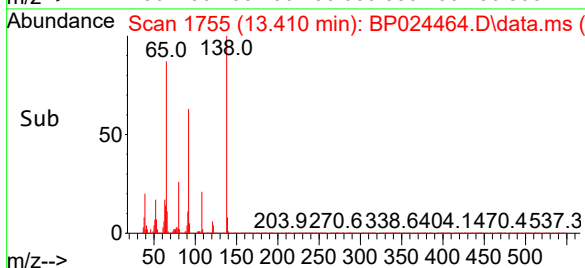
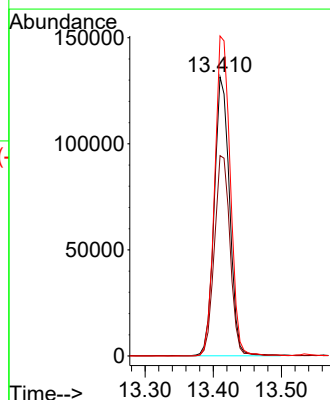
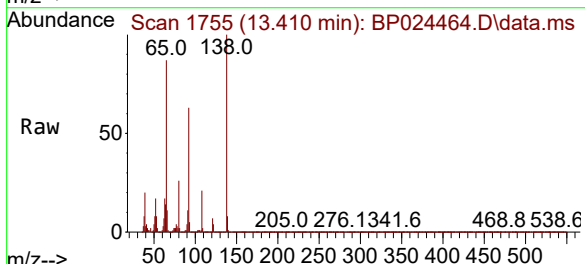
Tgt Ion: 65 Resp: 205571

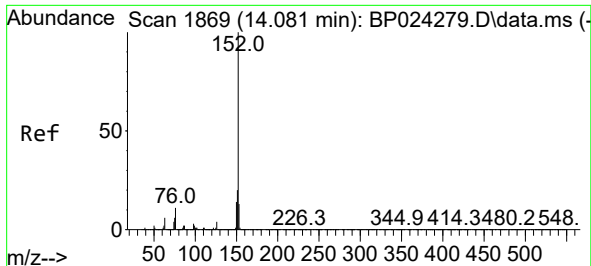
Ion Ratio Lower Upper

65 100

92 71.8 62.3 93.5

138 114.7 97.2 145.8

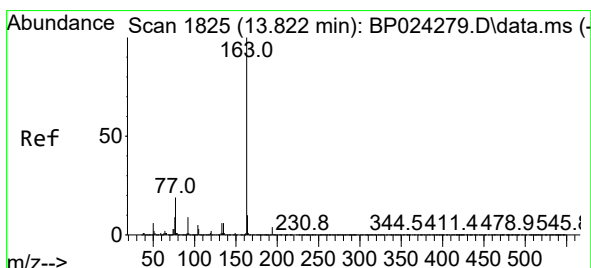
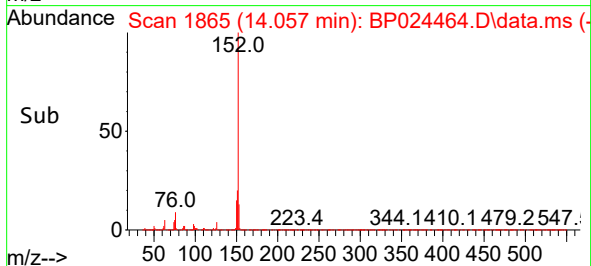
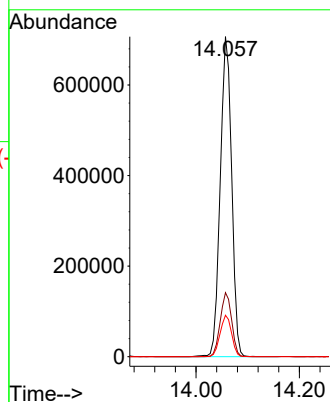
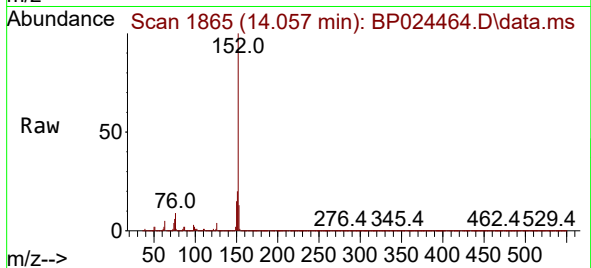




#49
Acenaphthylene
Concen: 45.827 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

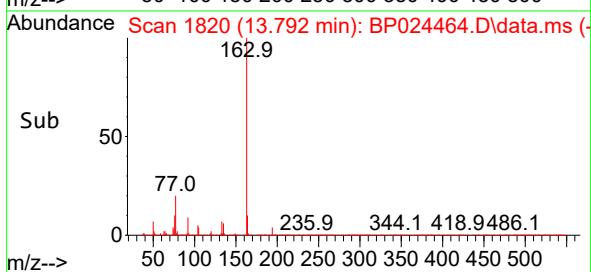
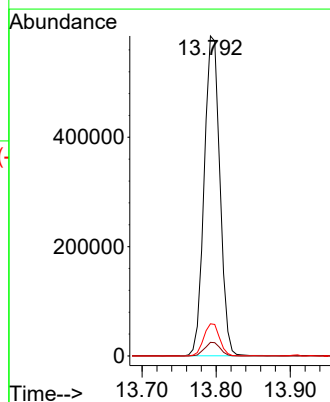
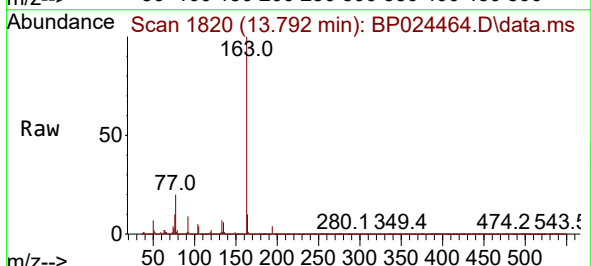
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

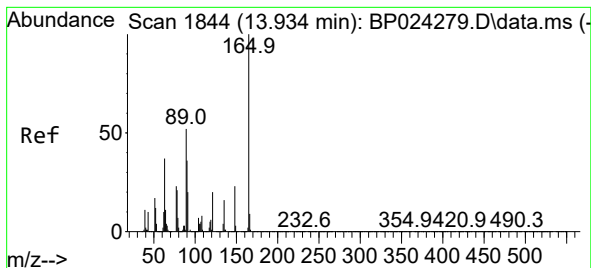
Tgt Ion:152 Resp: 1080887
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 43.351 ng
RT: 13.792 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:163 Resp: 859690
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.1 8.0 12.0

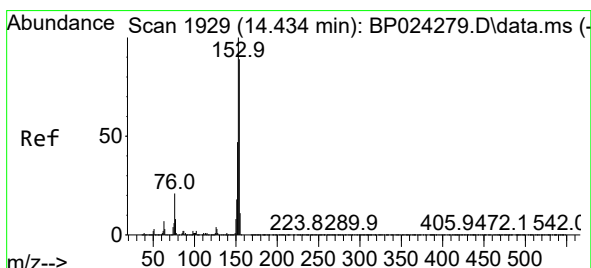
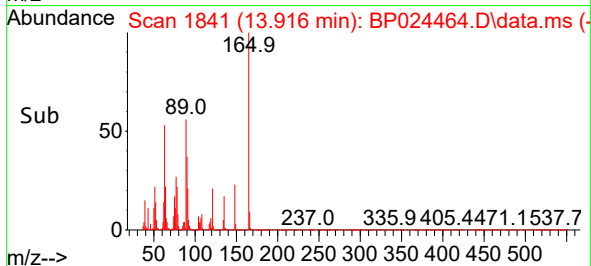
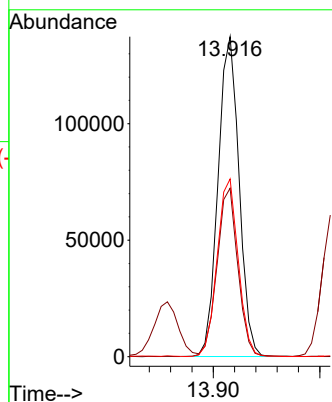
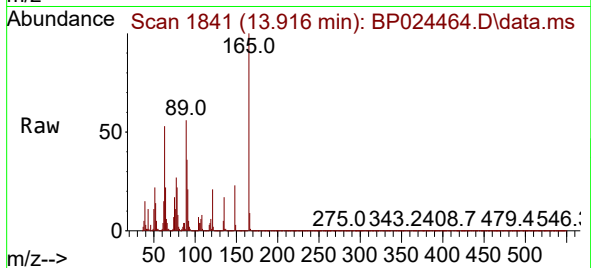




#51
2,6-Dinitrotoluene
Concen: 44.553 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

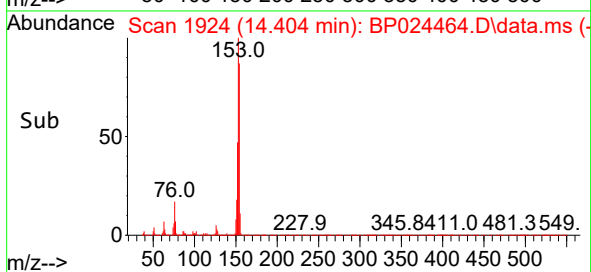
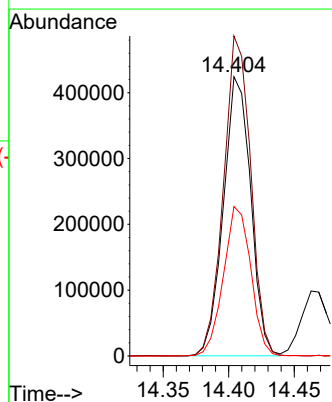
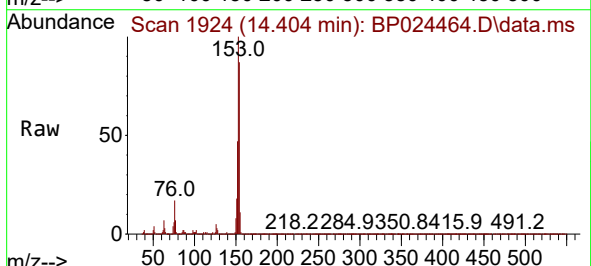
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

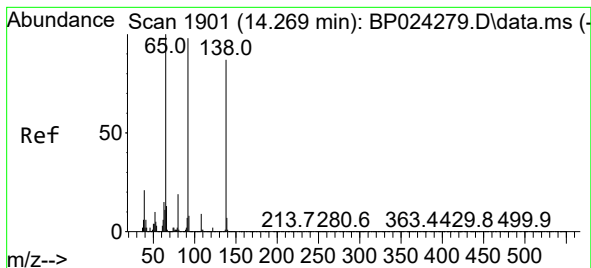
Tgt Ion:165 Resp: 187613
Ion Ratio Lower Upper
165 100
63 52.7 38.0 57.0
89 55.6 41.7 62.5



#52
Acenaphthene
Concen: 41.181 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:154 Resp: 615772
Ion Ratio Lower Upper
154 100
153 114.6 89.8 134.6
152 53.5 42.6 63.8

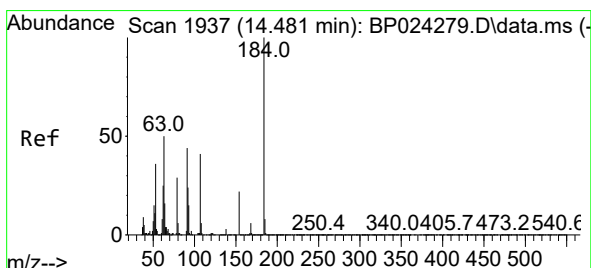
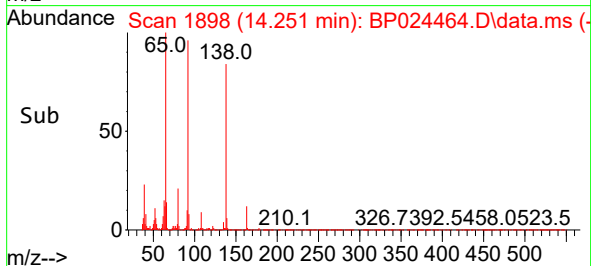
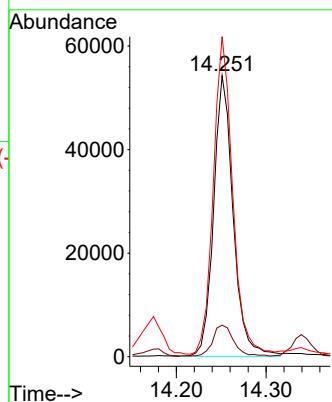
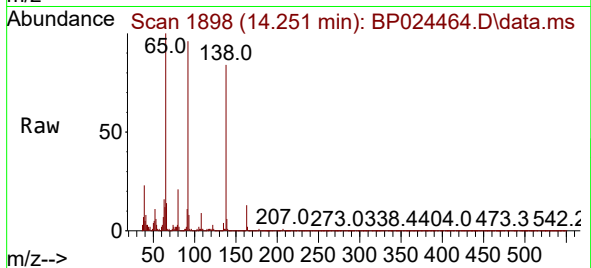




#53
3-Nitroaniline
Concen: 18.537 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

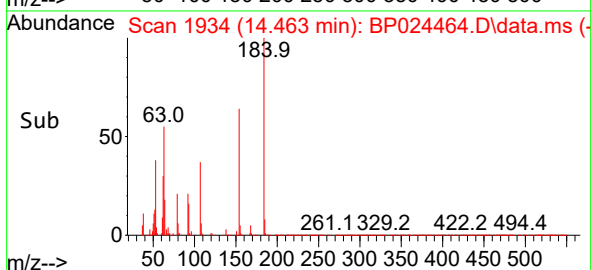
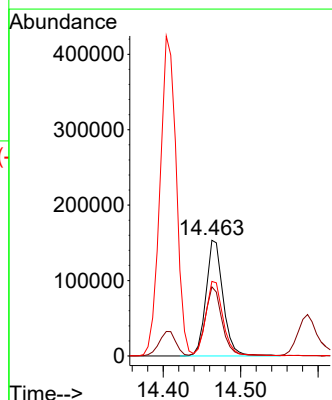
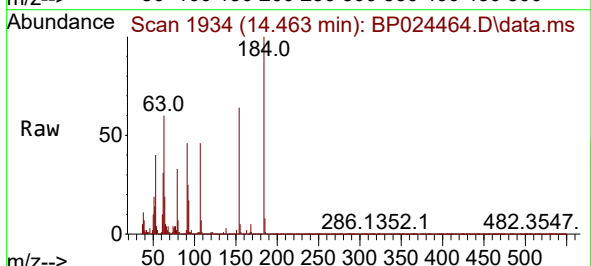
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

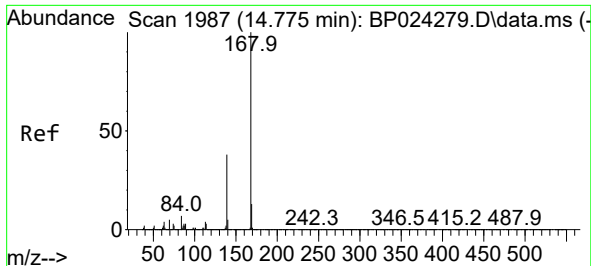
Tgt Ion:138 Resp: 82043
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 113.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 94.850 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:184 Resp: 235275
Ion Ratio Lower Upper
184 100
63 59.8 42.6 64.0
154 64.4 47.2 70.8

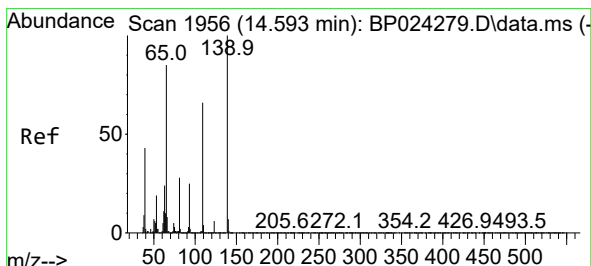
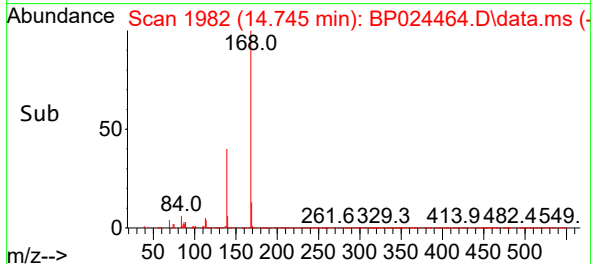
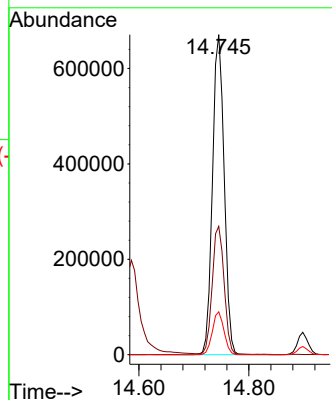
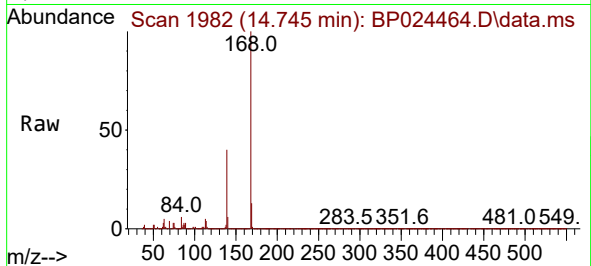




#55
Dibenzenofuran
Concen: 40.499 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

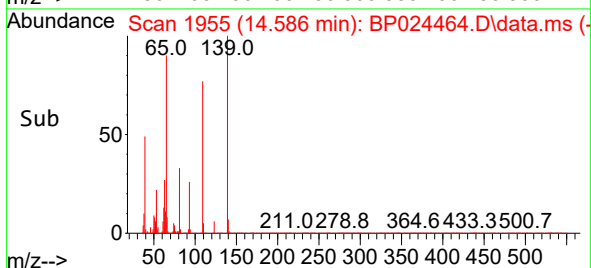
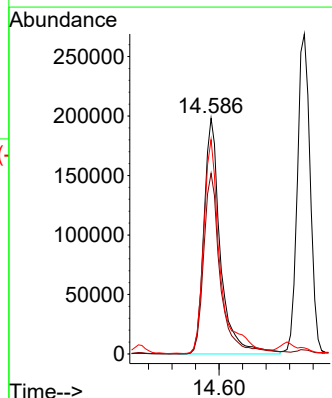
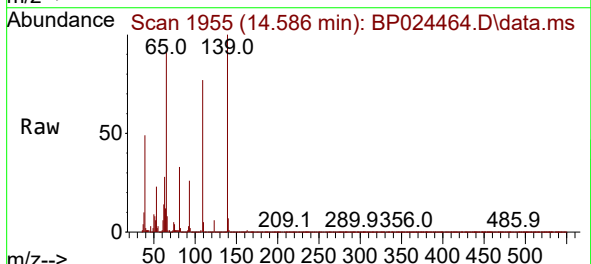
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

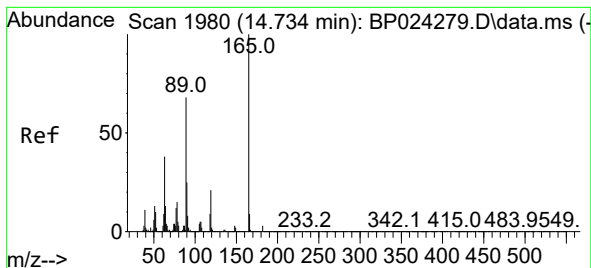
Tgt Ion:168 Resp: 989856
Ion Ratio Lower Upper
168 100
139 40.1 30.3 45.5
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 100.768 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:139 Resp: 385174
Ion Ratio Lower Upper
139 100
109 76.7 46.1 86.1
65 91.0 65.0 105.0

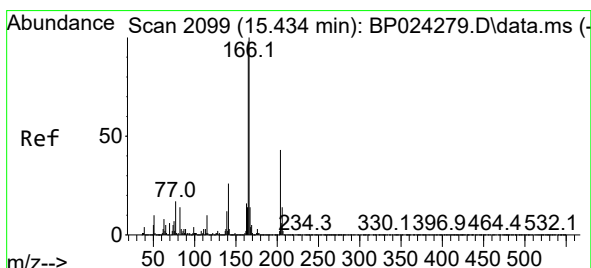
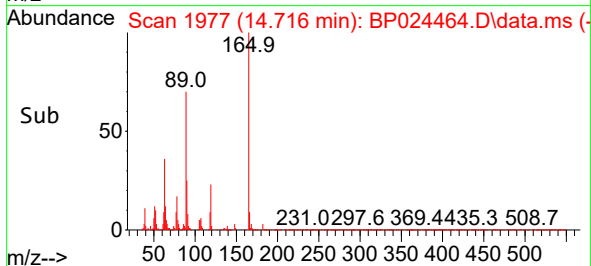
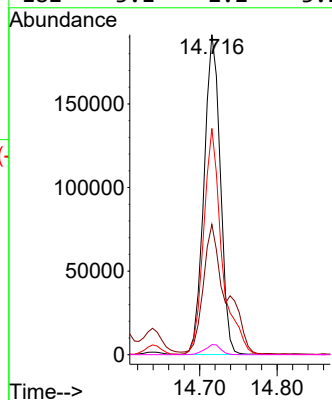
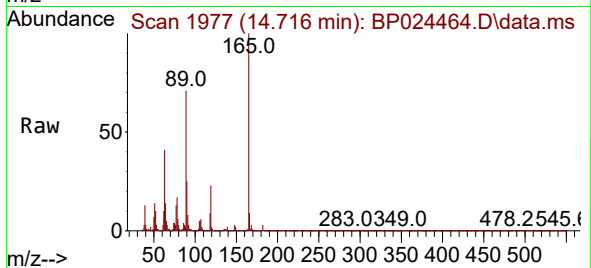




#57
2,4-Dinitrotoluene
Concen: 48.585 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

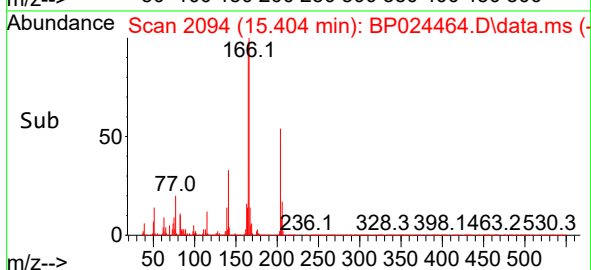
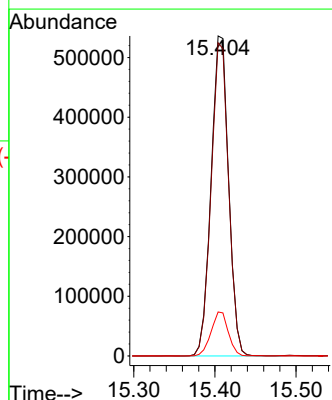
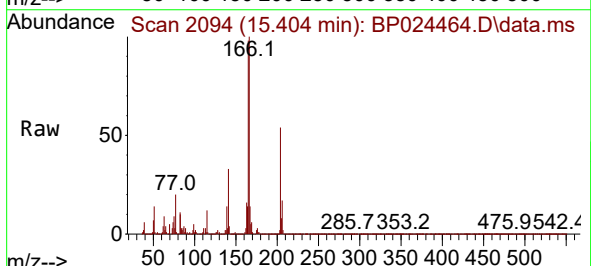
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

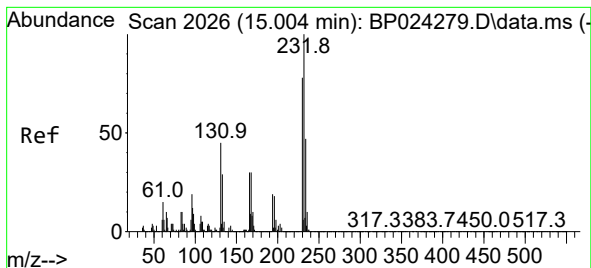
Tgt Ion:165 Resp: 279085
Ion Ratio Lower Upper
165 100
63 40.7 30.4 45.6
89 70.7 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 42.427 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:166 Resp: 802759
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.695 ng

RT: 14.975 min Scan# 20

Delta R.T. -0.018 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

Tgt Ion:232 Resp: 237781

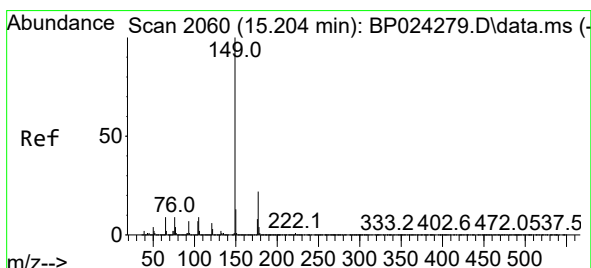
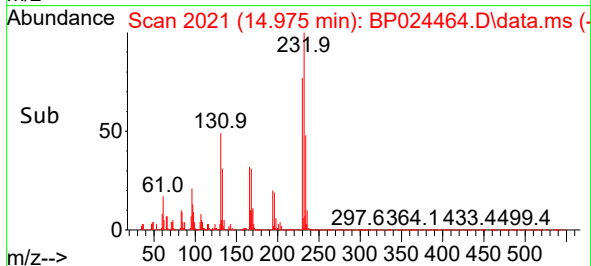
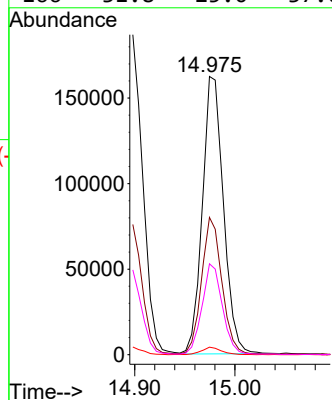
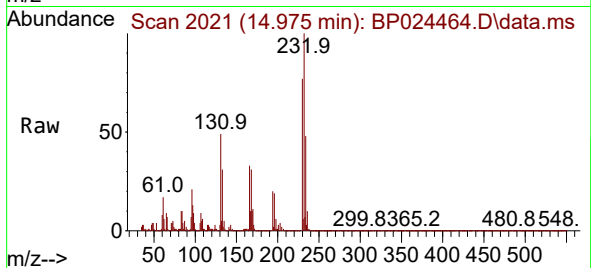
Ion Ratio Lower Upper

232 100

131 48.0 36.8 55.2

130 2.6 1.9 2.9

166 31.8 25.0 37.6



#60

Diethylphthalate

Concen: 43.099 ng

RT: 15.180 min Scan# 2056

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

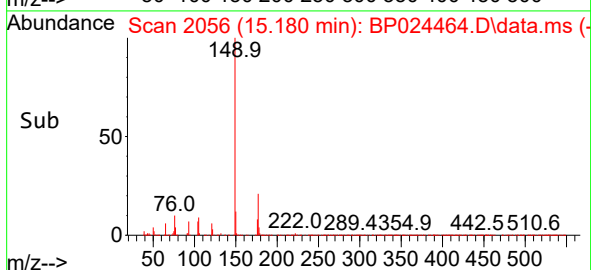
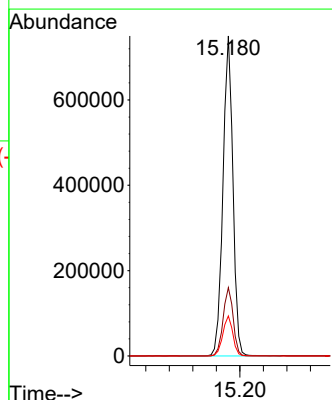
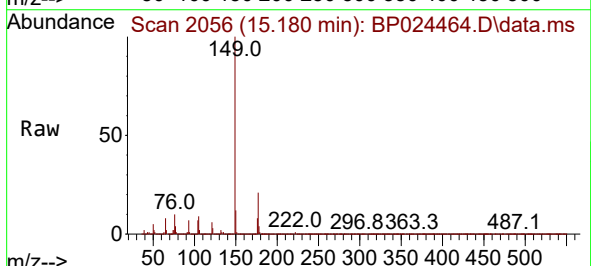
Tgt Ion:149 Resp: 880780

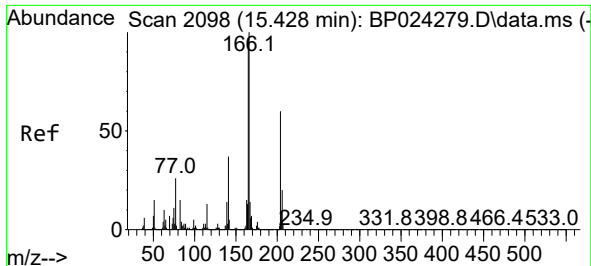
Ion Ratio Lower Upper

149 100

177 21.4 17.4 26.2

150 12.5 10.1 15.1

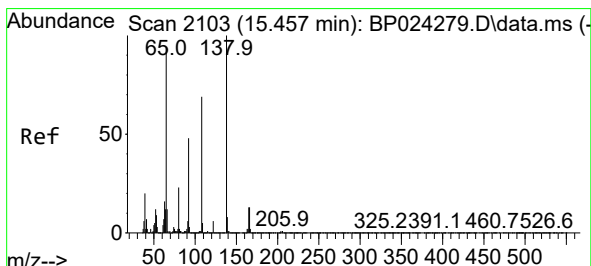
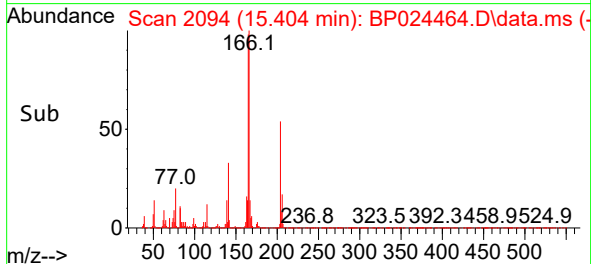
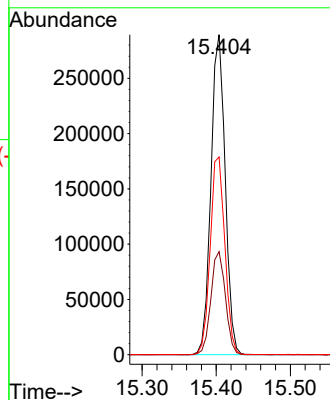
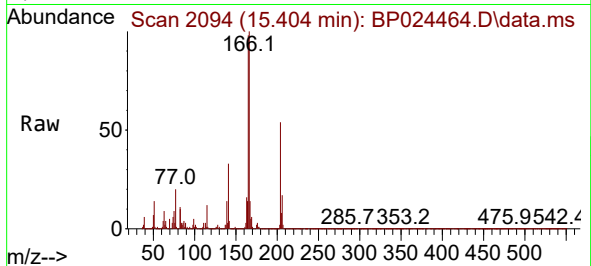




#61
4-Chlorophenyl-phenylether
Concen: 42.051 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

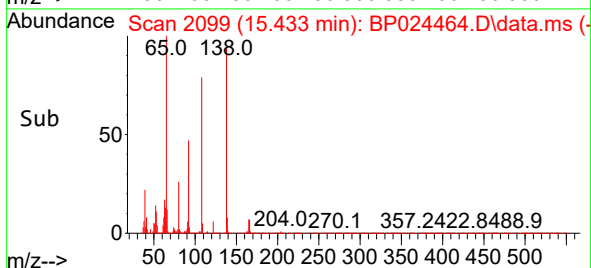
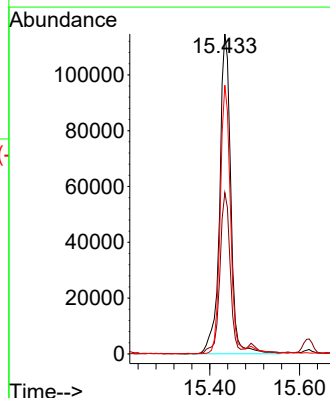
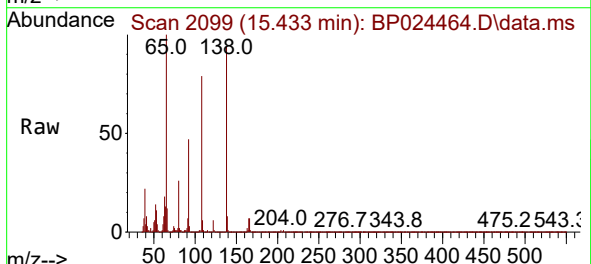
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

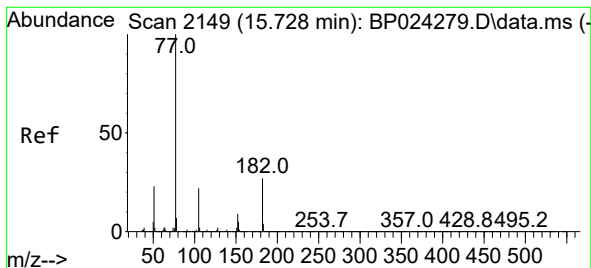
Tgt Ion:204 Resp: 386373
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 61.8 49.4 74.0



#62
4-Nitroaniline
Concen: 42.176 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:138 Resp: 197605
Ion Ratio Lower Upper
138 100
92 50.4 27.8 67.8
108 83.9 48.9 88.9





#63

Azobenzene

Concen: 38.630 ng

RT: 15.698 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

Tgt Ion: 77 Resp: 725587

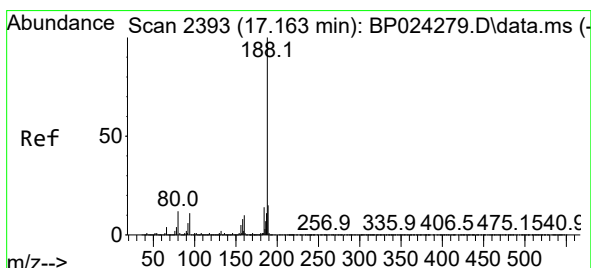
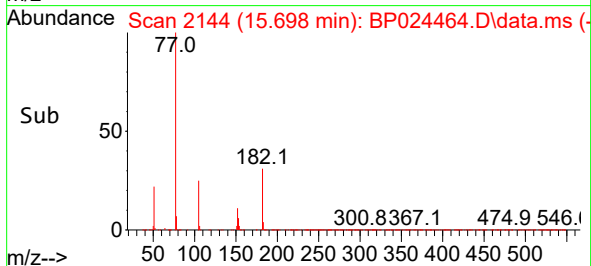
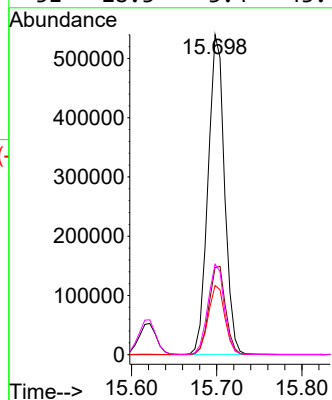
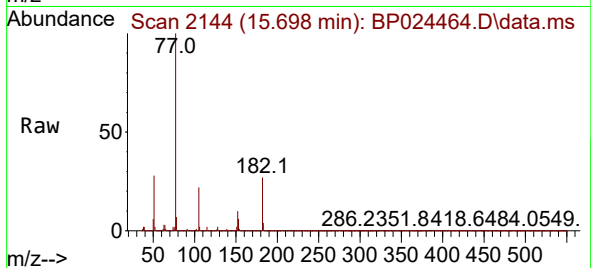
Ion Ratio Lower Upper

77 100

182 27.2 7.3 47.3

105 21.6 2.3 42.3

51 28.3 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2390

Delta R.T. -0.000 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

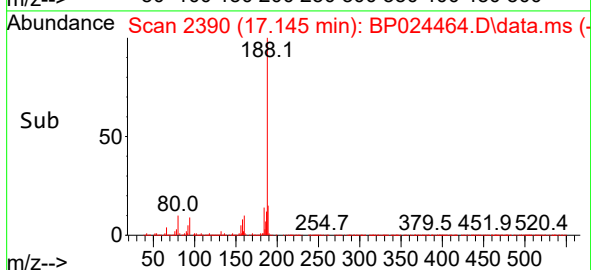
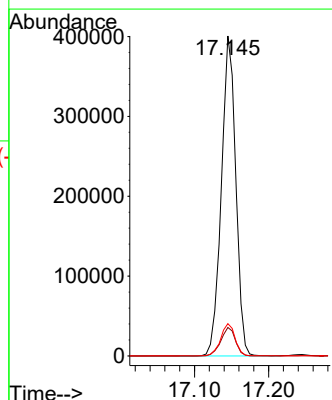
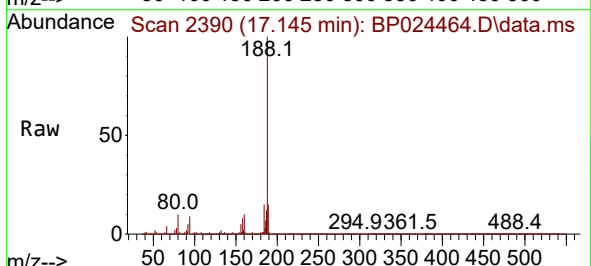
Tgt Ion: 188 Resp: 541453

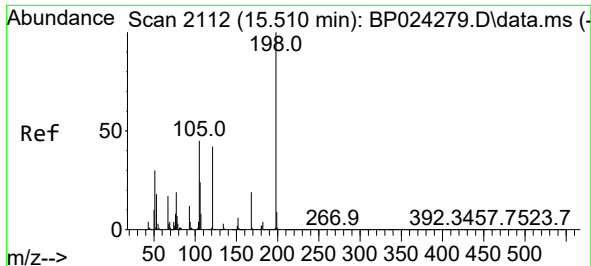
Ion Ratio Lower Upper

188 100

94 8.9 8.6 13.0

80 10.1 9.8 14.6

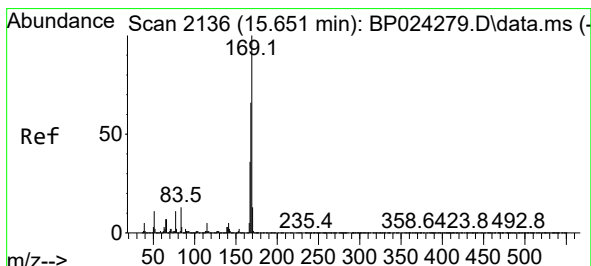
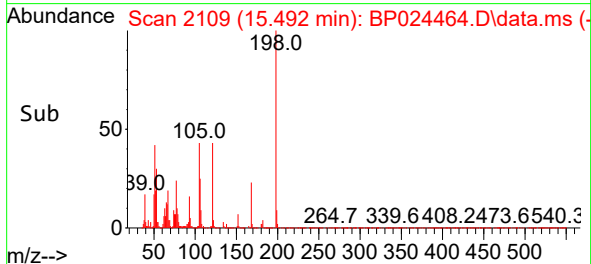
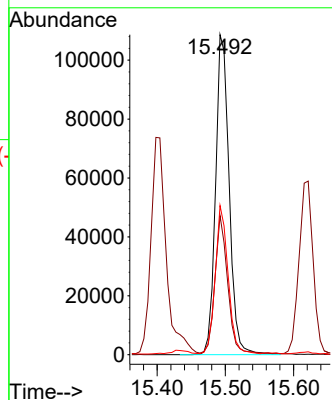
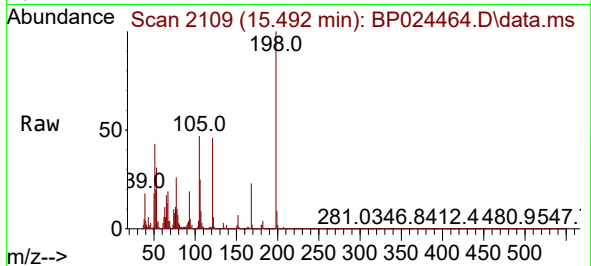




#65
4,6-Dinitro-2-methylphenol
Concen: 44.255 ng
RT: 15.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

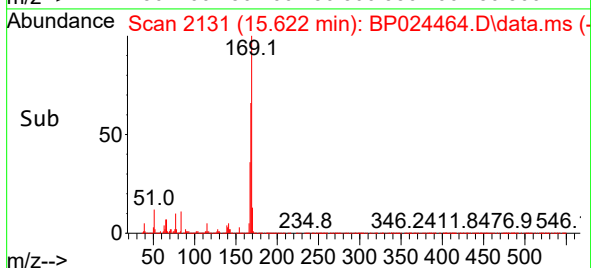
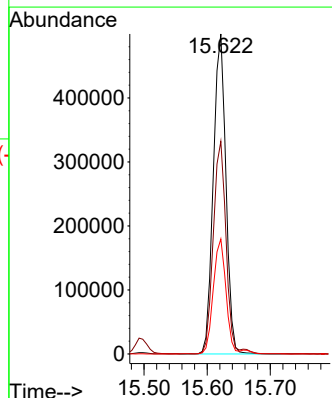
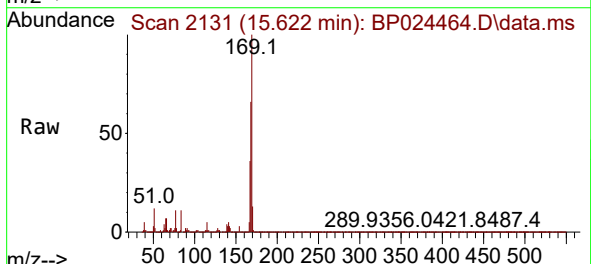
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

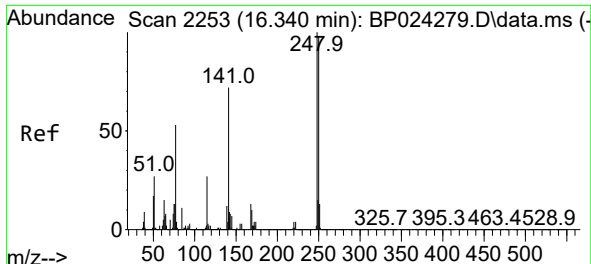
Tgt Ion:198 Resp: 151072
Ion Ratio Lower Upper
198 100
51 43.5 18.4 58.4
105 46.6 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 42.700 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:169 Resp: 690087
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 35.9 28.9 43.3

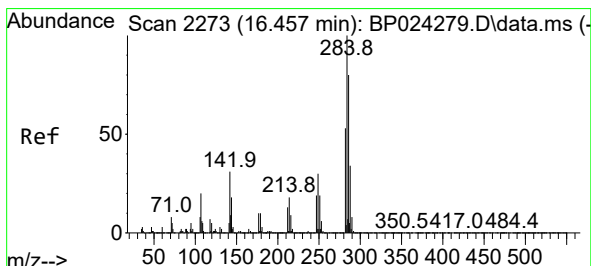
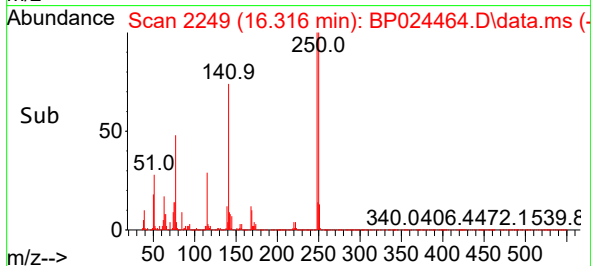
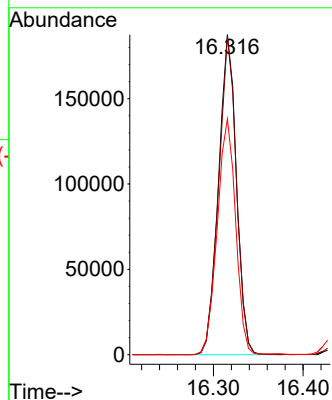
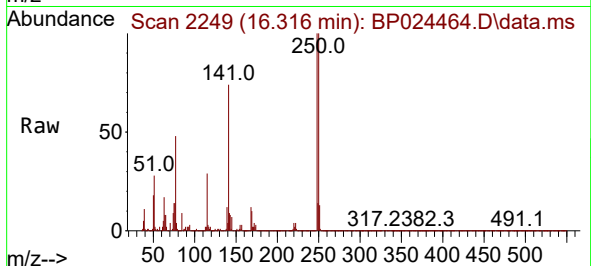




#67
4-Bromophenyl-phenylether
Concen: 43.979 ng
RT: 16.316 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

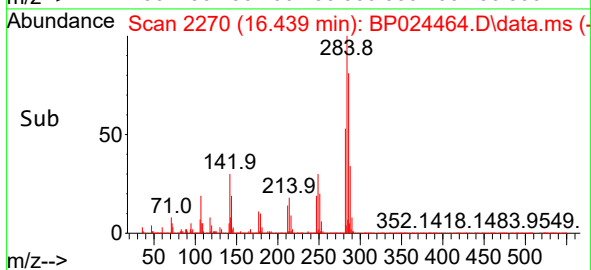
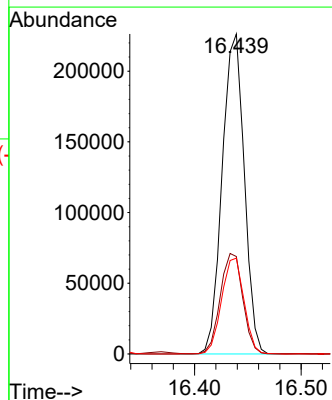
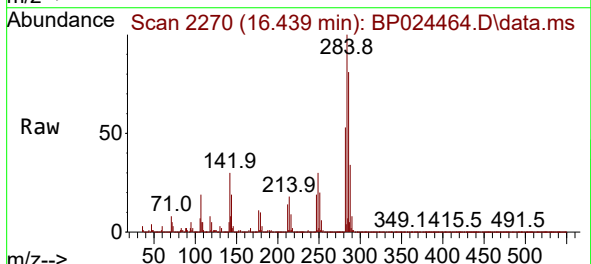
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

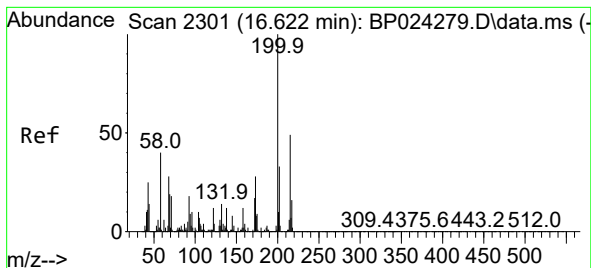
Tgt Ion:248 Resp: 260434
Ion Ratio Lower Upper
248 100
250 99.6 78.2 117.4
141 73.7 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.284 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:284 Resp: 325686
Ion Ratio Lower Upper
284 100
142 30.4 24.6 37.0
249 29.9 23.8 35.6





#69

Atrazine

Concen: 38.487 ng

RT: 16.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

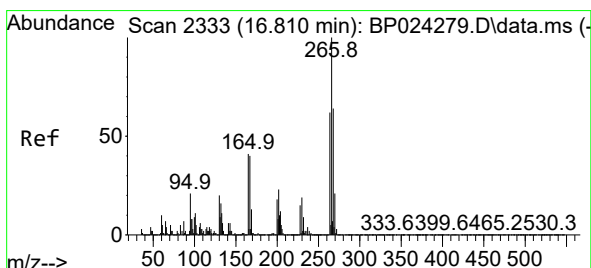
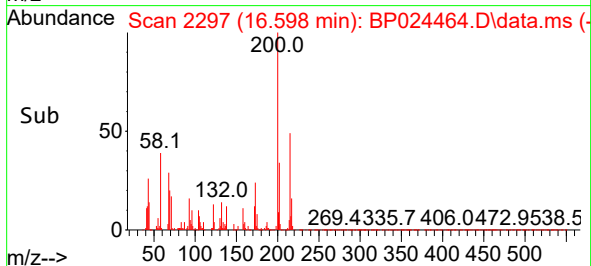
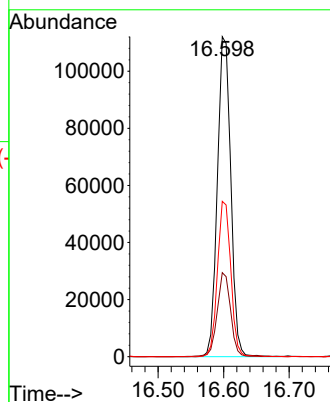
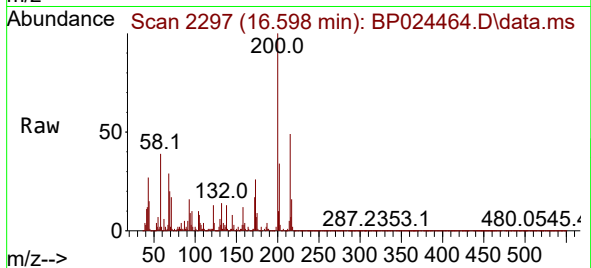
Tgt Ion:200 Resp: 158415

Ion Ratio Lower Upper

200 100

173 26.3 7.5 47.5

215 48.6 28.8 68.8



#70

Pentachlorophenol

Concen: 97.322 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

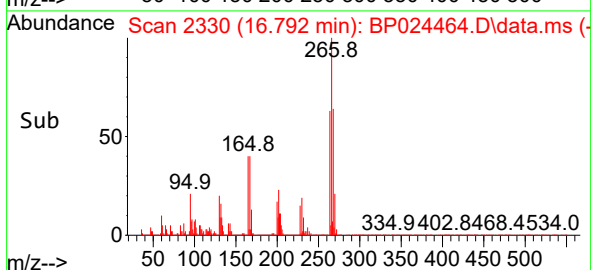
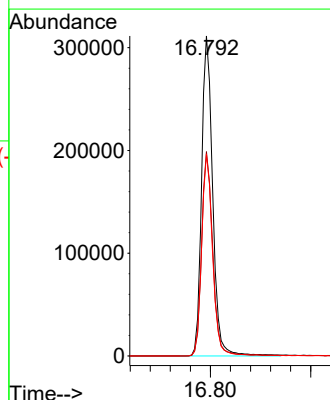
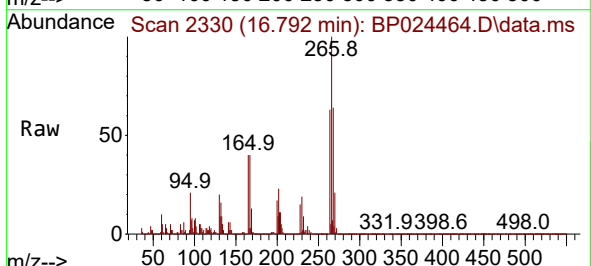
Tgt Ion:266 Resp: 477752

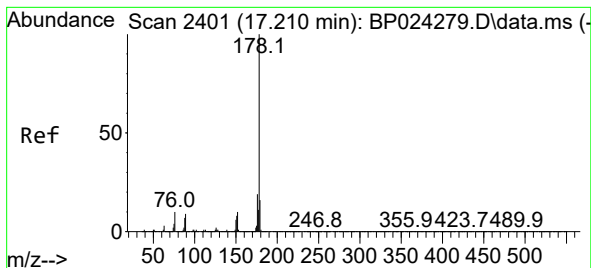
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 63.1 49.8 74.6





#71

Phenanthrene

Concen: 43.790 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

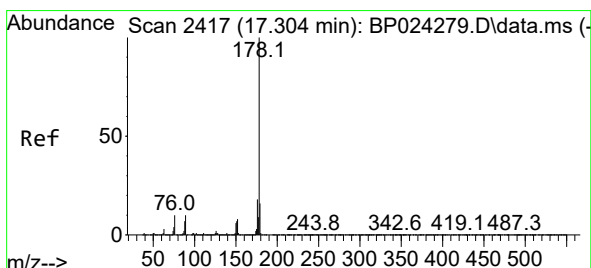
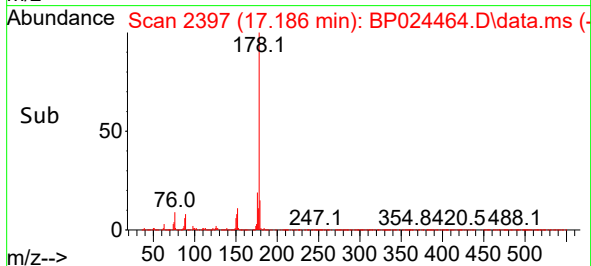
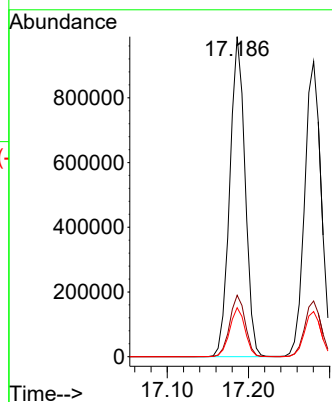
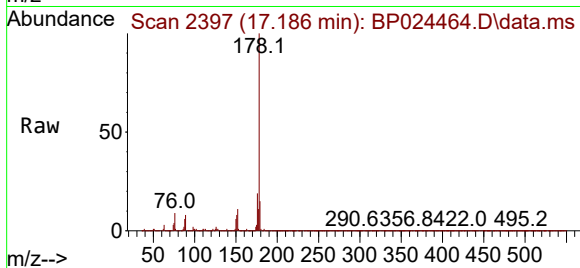
Tgt Ion:178 Resp: 1293447

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 45.613 ng

RT: 17.280 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

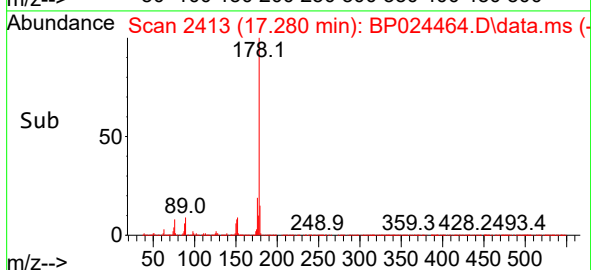
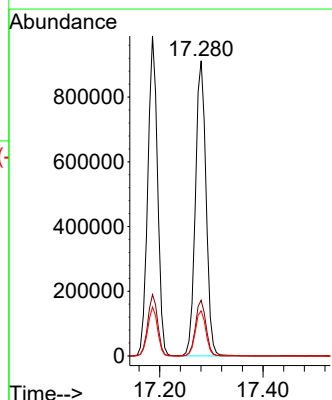
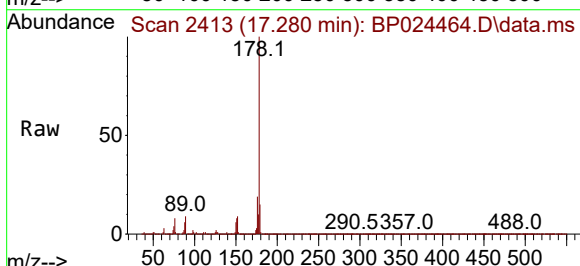
Tgt Ion:178 Resp: 1298524

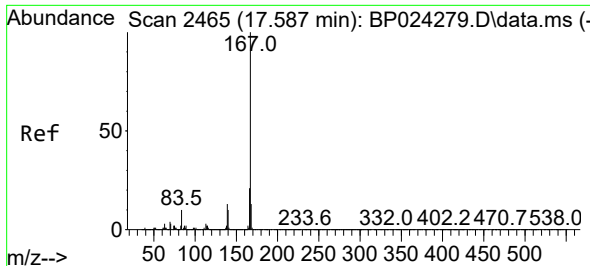
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.3 12.4 18.6

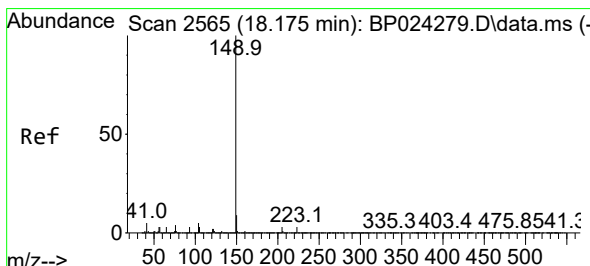
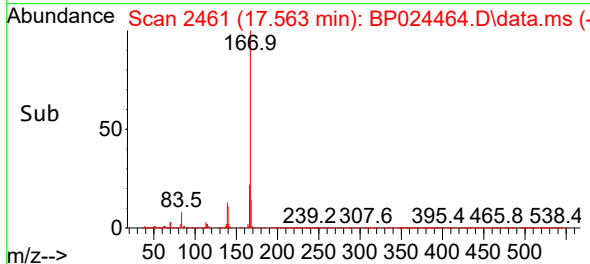
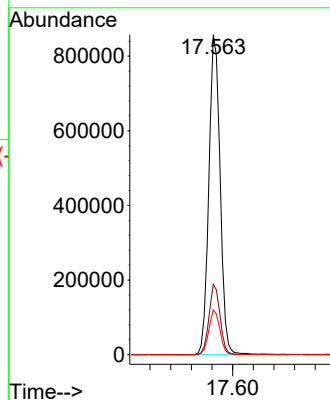
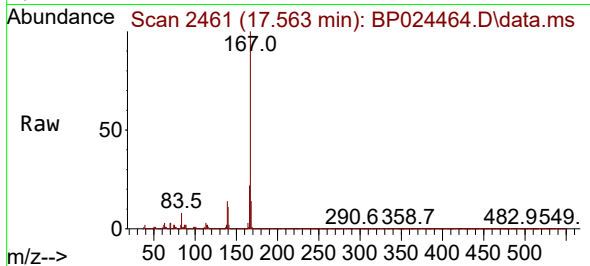




#73
 Carbazole
 Concen: 46.669 ng
 RT: 17.563 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BP024464.D
 Acq: 29 Apr 2025 18:03

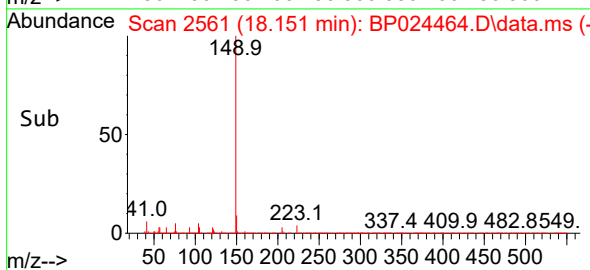
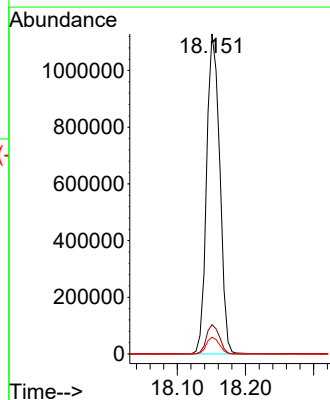
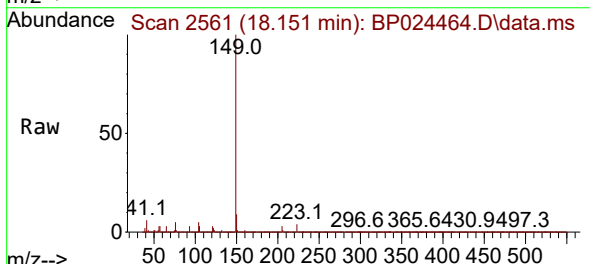
Instrument :
 BNA_P
 ClientSampleId :
 MH-AMSD

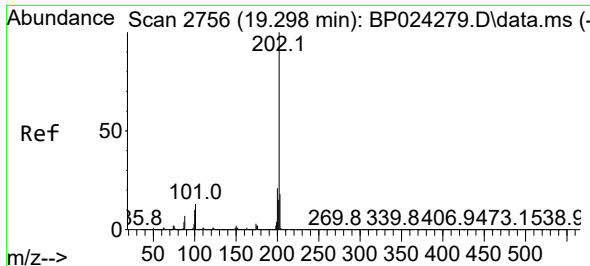
Tgt Ion:167 Resp: 1298148
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.684 ng
 RT: 18.151 min Scan# 2561
 Delta R.T. -0.006 min
 Lab File: BP024464.D
 Acq: 29 Apr 2025 18:03

Tgt Ion:149 Resp: 1513871
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.3 3.9 5.9

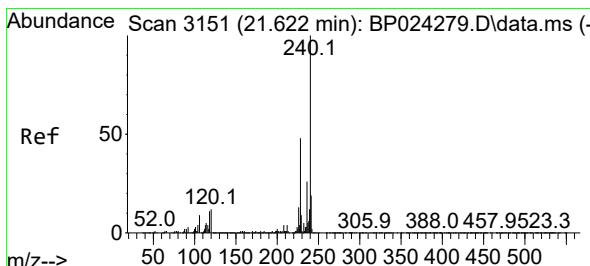
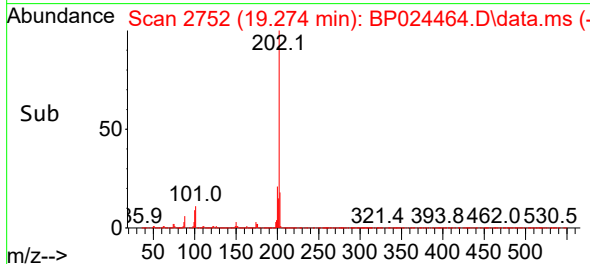
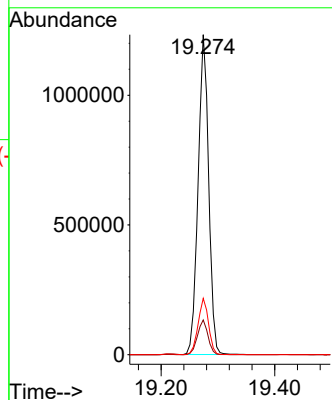
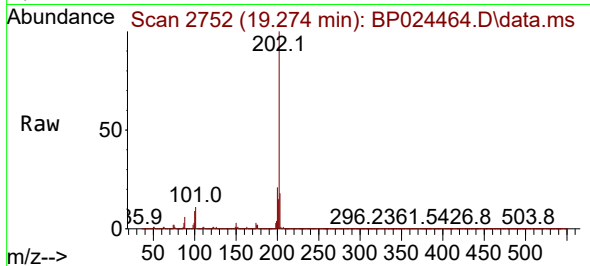




#75
Fluoranthene
Concen: 45.481 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

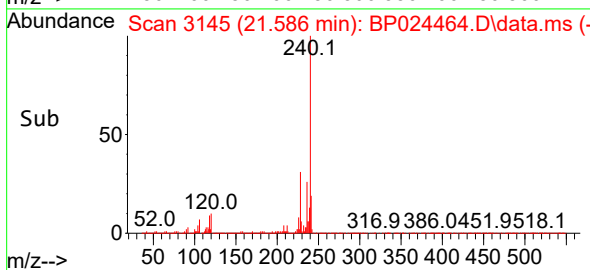
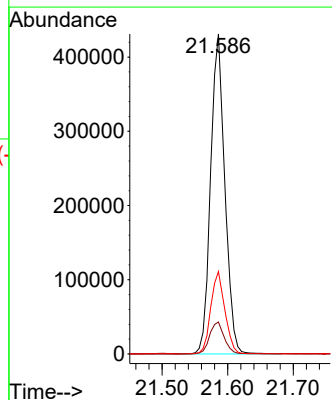
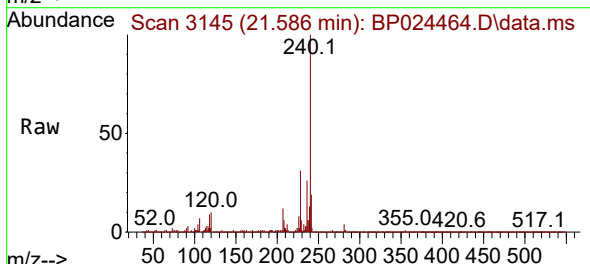
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

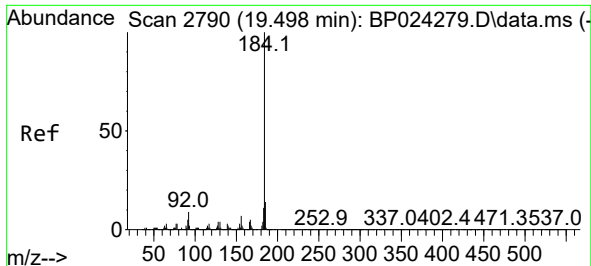
Tgt Ion:202 Resp: 1597741
Ion Ratio Lower Upper
202 100
101 10.8 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:240 Resp: 650338
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 25.8 20.9 31.3

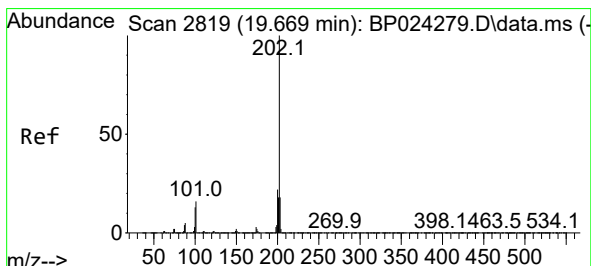
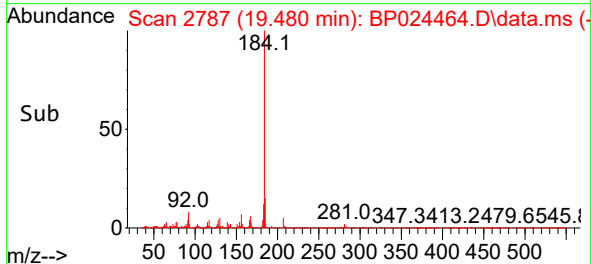
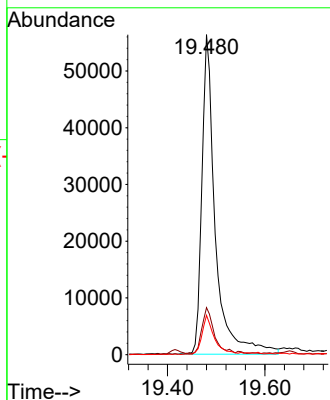
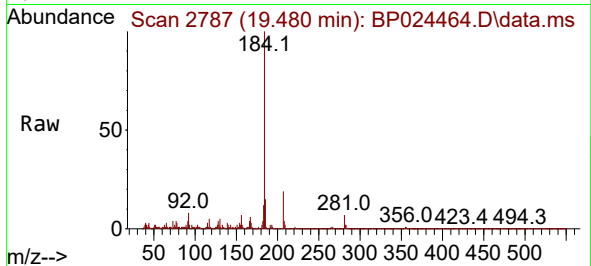




#77
Benzidine
Concen: 13.051 ng
RT: 19.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

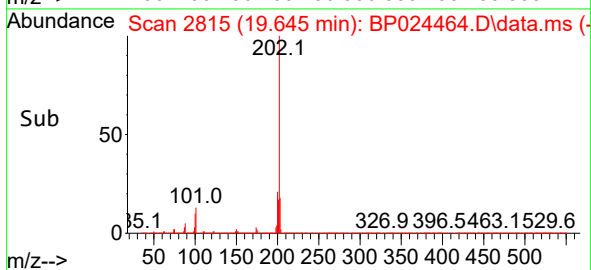
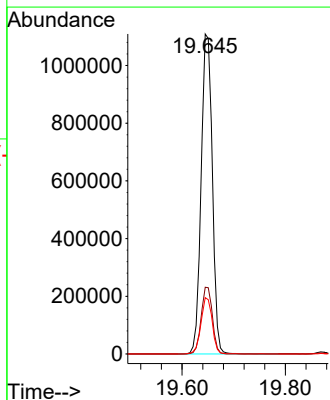
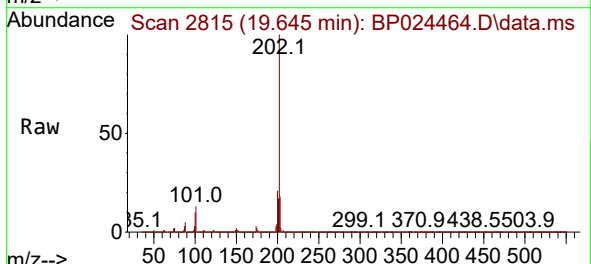
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

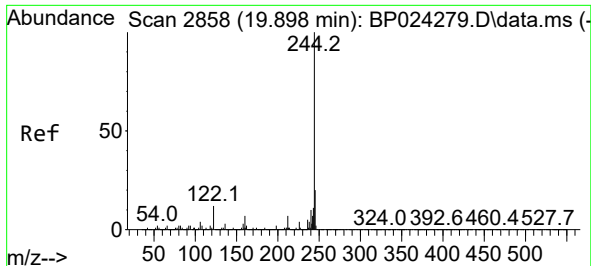
Tgt Ion:184 Resp: 107583
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 12.3 9.2 13.8



#78
Pyrene
Concen: 40.244 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:202 Resp: 1663266
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.6 14.4 21.6

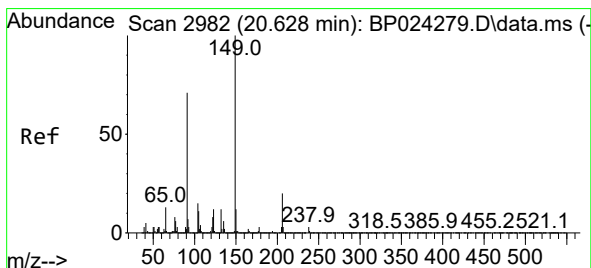
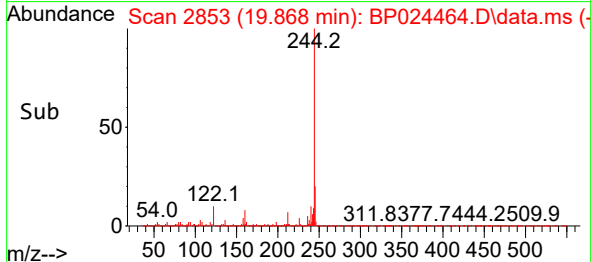
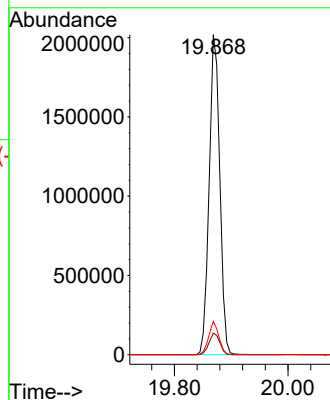
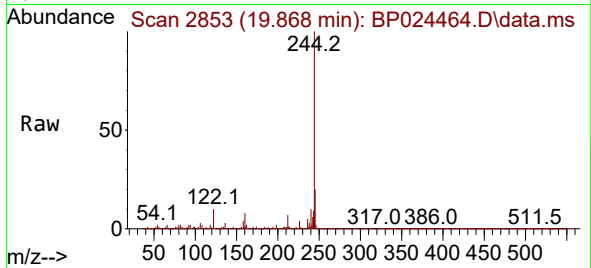




#79
 Terphenyl-d14
 Concen: 80.757 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024464.D
 Acq: 29 Apr 2025 18:03

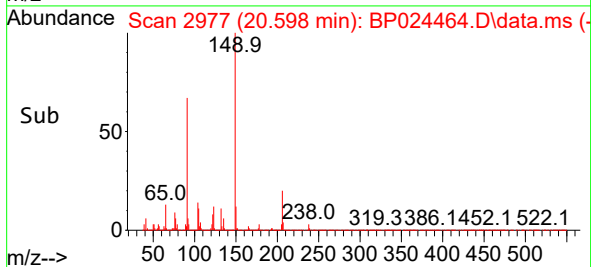
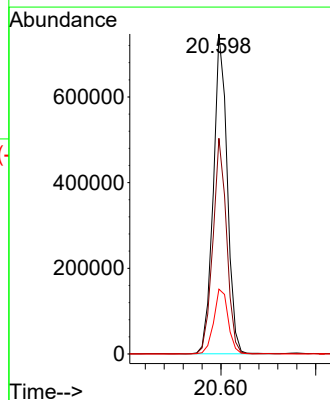
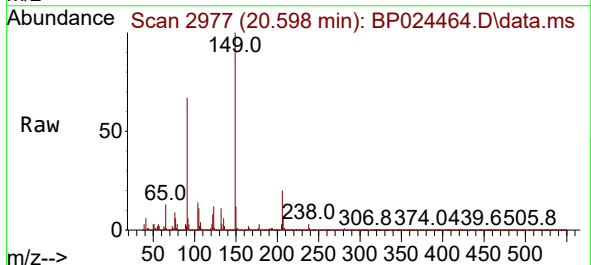
Instrument :
 BNA_P
 ClientSampleId :
 MH-AMSD

Tgt Ion:244 Resp: 2605608
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.4 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 42.775 ng
 RT: 20.598 min Scan# 2977
 Delta R.T. -0.006 min
 Lab File: BP024464.D
 Acq: 29 Apr 2025 18:03

Tgt Ion:149 Resp: 757222
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.4 84.6
 206 20.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.996 ng

RT: 21.568 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

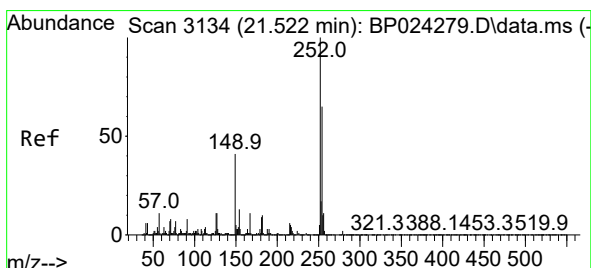
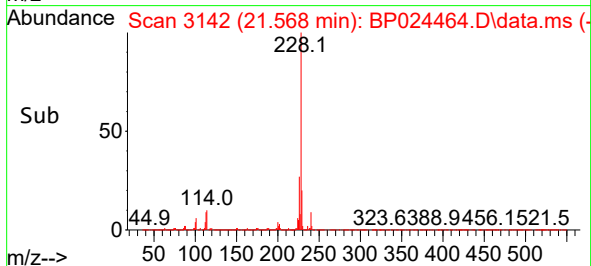
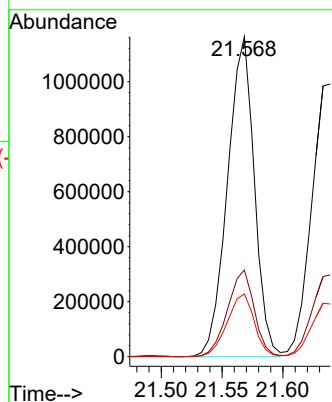
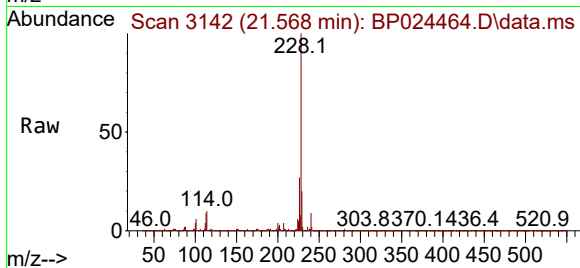
Tgt Ion:228 Resp: 1778443

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 23.549 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

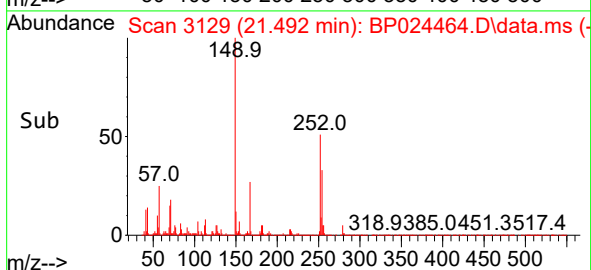
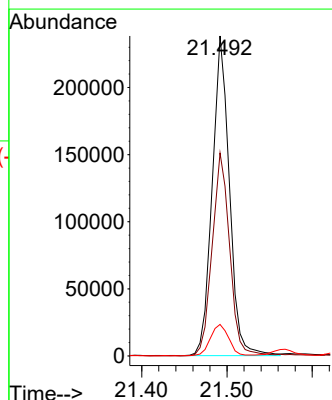
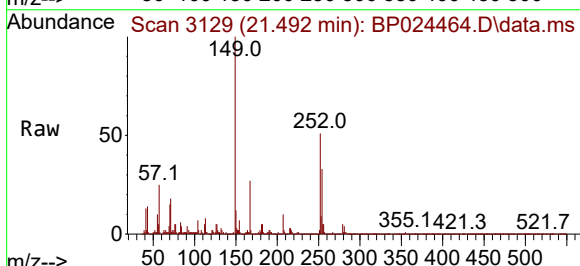
Tgt Ion:252 Resp: 334106

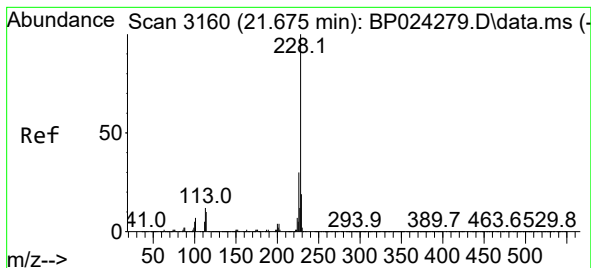
Ion Ratio Lower Upper

252 100

254 63.4 51.7 77.5

126 9.8 8.8 13.2





#83

Chrysene

Concen: 43.222 ng

RT: 21.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

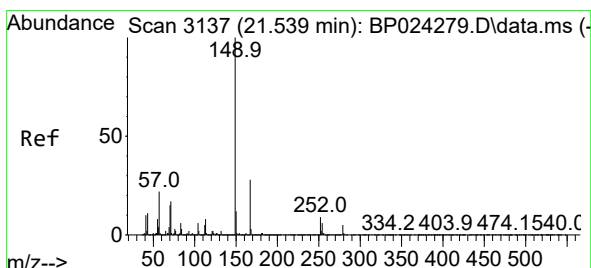
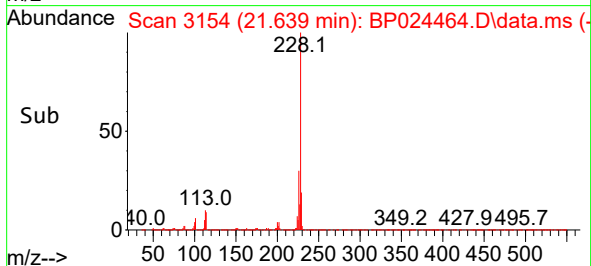
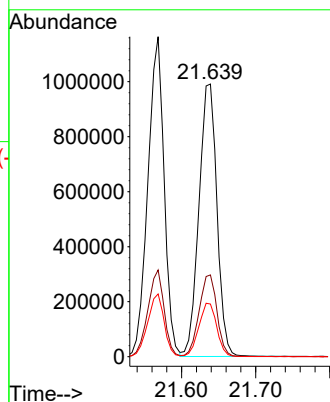
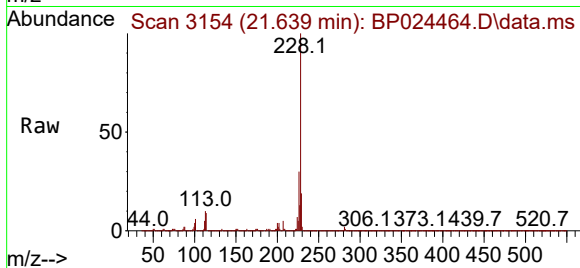
Tgt Ion:228 Resp: 1673827

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.847 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

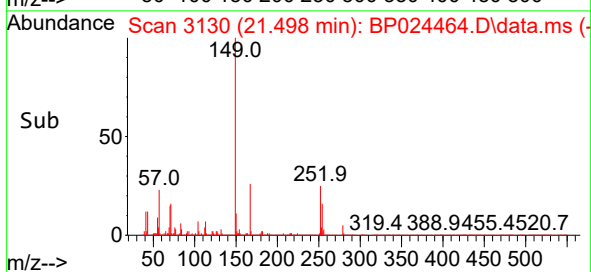
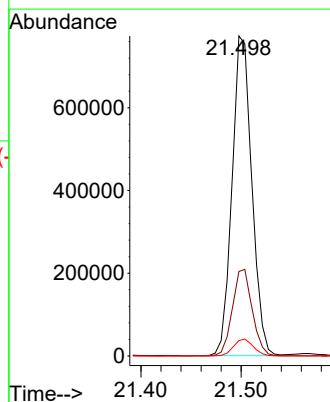
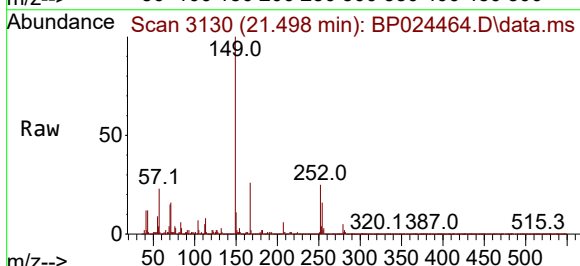
Tgt Ion:149 Resp: 1060017

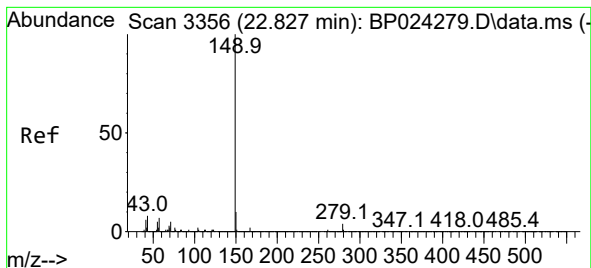
Ion Ratio Lower Upper

149 100

167 26.4 22.4 33.6

279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 42.383 ng

RT: 22.780 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

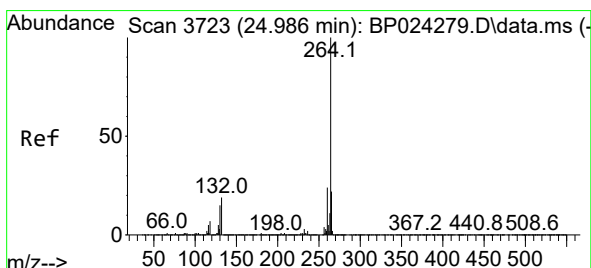
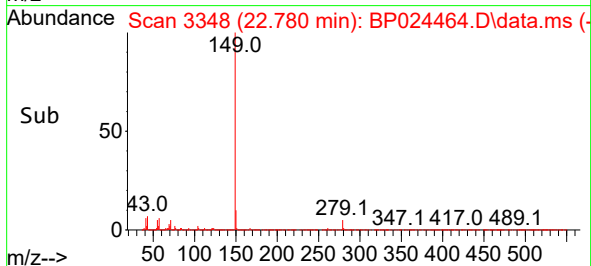
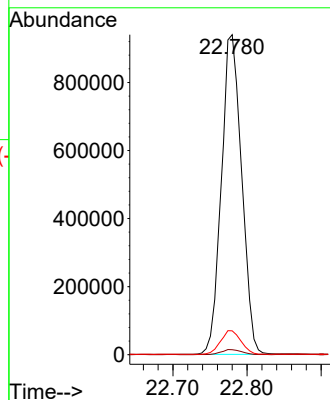
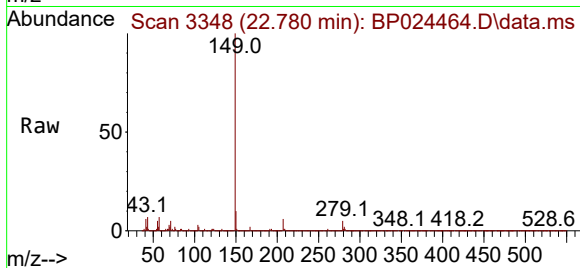
Tgt Ion:149 Resp: 1788090

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

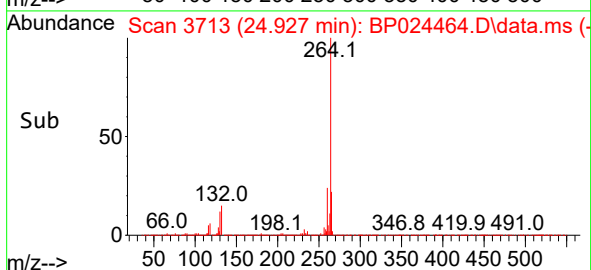
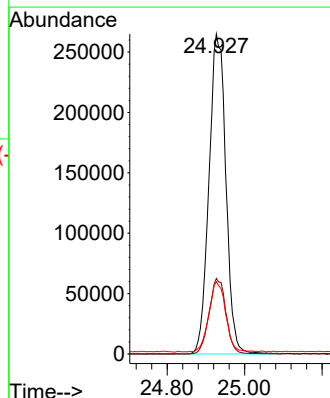
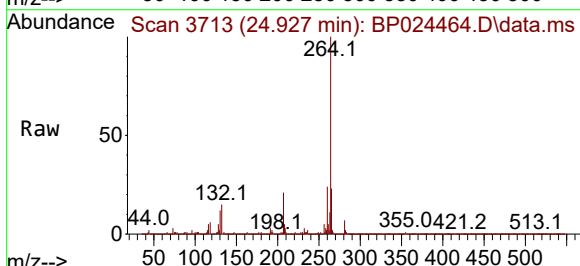
Tgt Ion:264 Resp: 802506

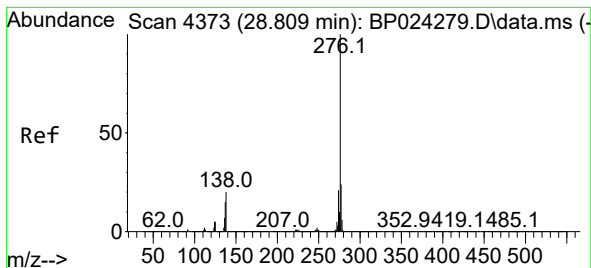
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.809 ng

RT: 28.750 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

Instrument :

BNA_P

ClientSampleId :

MH-AMSD

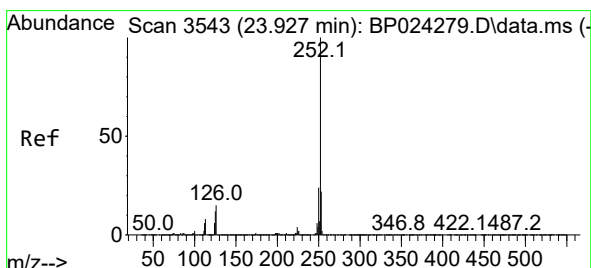
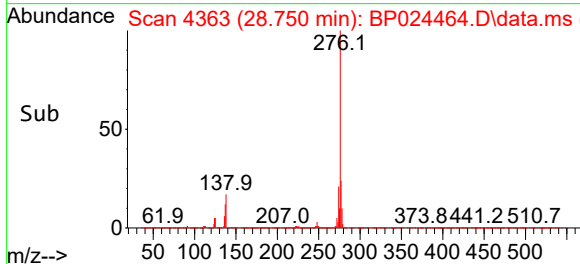
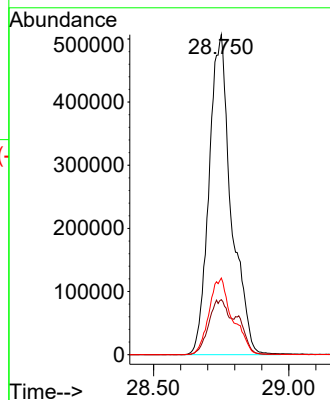
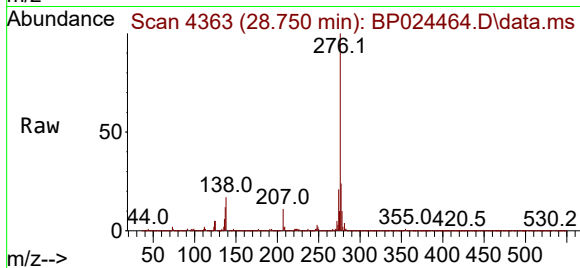
Tgt Ion:276 Resp: 2886469

Ion Ratio Lower Upper

276 100

138 16.4 14.5 21.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.812 ng

RT: 23.868 min Scan# 3533

Delta R.T. -0.018 min

Lab File: BP024464.D

Acq: 29 Apr 2025 18:03

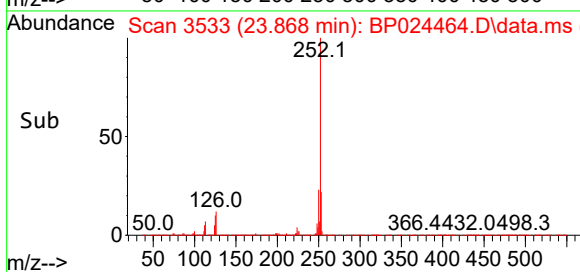
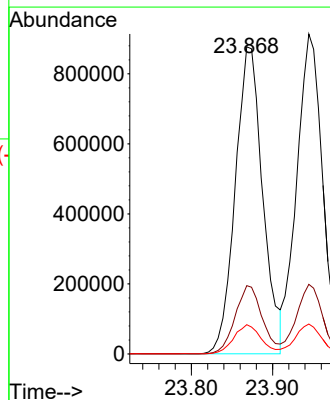
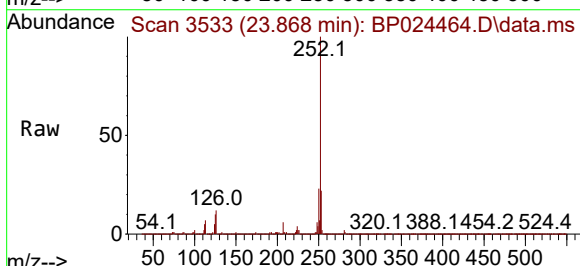
Tgt Ion:252 Resp: 2059366

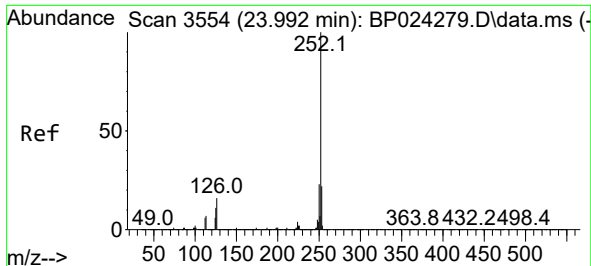
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.5 9.4 14.0

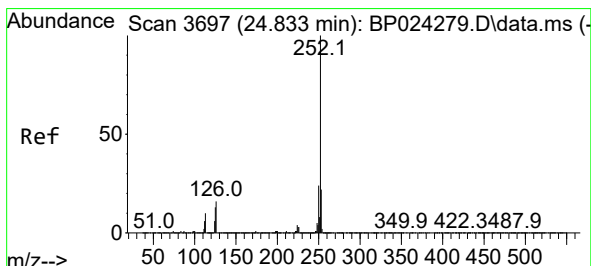
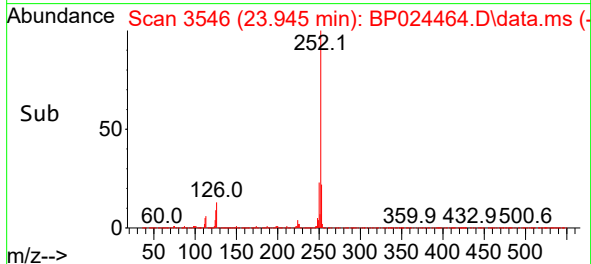
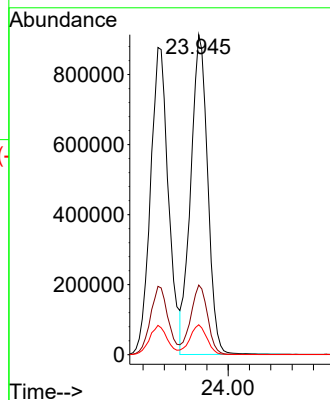
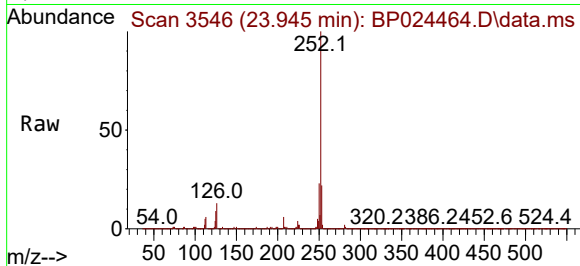




#89
Benzo(k)fluoranthene
Concen: 43.260 ng
RT: 23.945 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

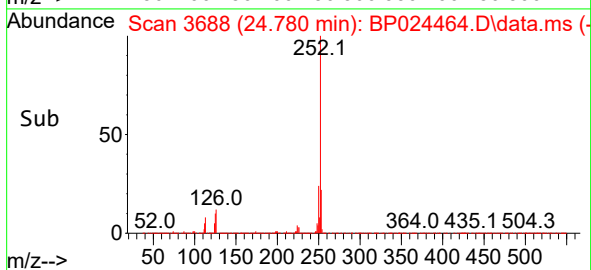
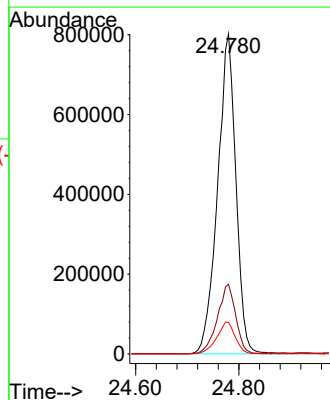
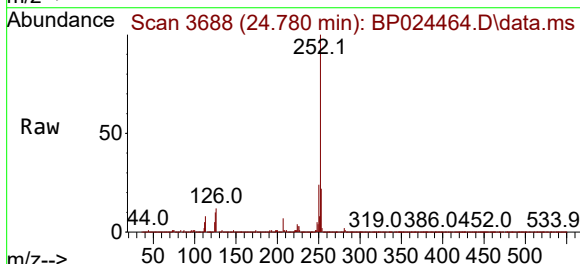
Instrument :
BNA_P
ClientSampleId :
MH-AMSD

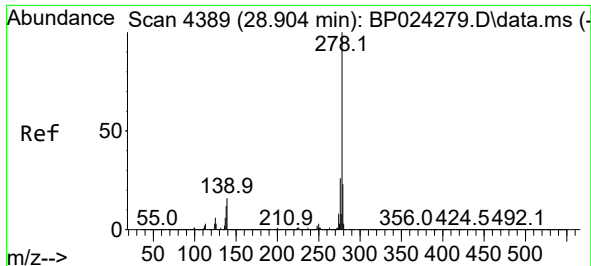
Tgt Ion:252 Resp: 2010072
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 47.408 ng
RT: 24.780 min Scan# 3688
Delta R.T. -0.000 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:252 Resp: 1967119
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.9 10.1 15.1#

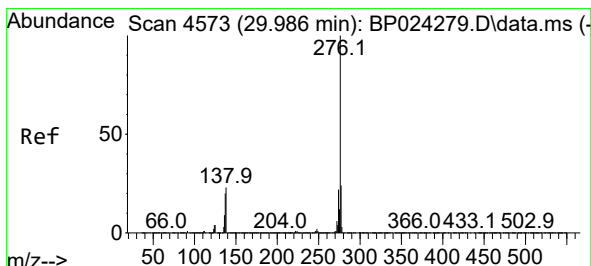
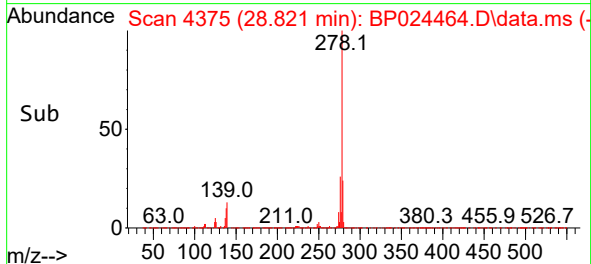
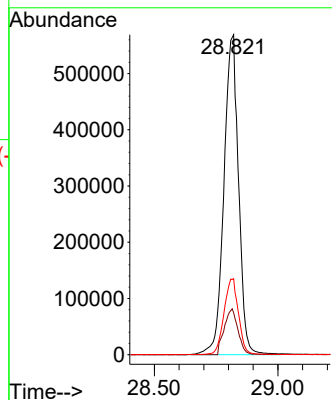
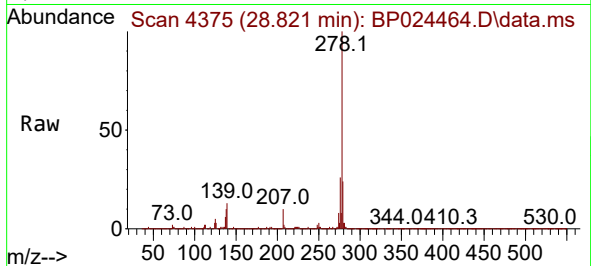




#91
Dibenzo(a,h)anthracene
Concen: 50.721 ng
RT: 28.821 min Scan# 41
Delta R.T. 0.017 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Instrument :
BNA_P
ClientSampleId :
MH-AMSD

Tgt Ion:278 Resp: 2345535
Ion Ratio Lower Upper
278 100
139 13.1 12.6 19.0
279 23.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 49.488 ng
RT: 29.909 min Scan# 4560
Delta R.T. 0.012 min
Lab File: BP024464.D
Acq: 29 Apr 2025 18:03

Tgt Ion:276 Resp: 2329362
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 18.7 18.7 28.1

