

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024474.D
 Acq On : 30 Apr 2025 15:26
 Operator : RC/JU
 Sample : Q1891-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-D

Quant Time: Apr 30 15:54:55 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	148268	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	553950	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	313025	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	595191	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	692734	20.000	ng	# 0.00
86) Perylene-d12	24.933	264	815843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1065036	118.771	ng	-0.01
7) Phenol-d6	6.899	99	1222434	99.558	ng	-0.01
23) Nitrobenzene-d5	8.857	82	825464	84.970	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	639994	147.775	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1772803	86.714	ng	-0.01
79) Terphenyl-d14	19.863	244	3039923	88.452	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.287	88	385	0.102	ng	# 1
3) Pyridine	3.687	79	163	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.593	42	125	0.038	ng	# 1
6) Aniline	7.052	93	135	0.012	ng	# 20
8) 2-Chlorophenol	7.346	128	54	0.005	ng	83
9) Benzaldehyde	6.899	77	2467	0.406	ng	# 8
10) Phenol	6.928	94	766	0.062	ng	# 1
11) bis(2-Chloroethyl)ether	7.258	93	57	0.006	ng	92
12) 1,3-Dichlorobenzene	7.605	146	10	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.740	146	19	0.002	ng	# 1
14) 1,2-Dichlorobenzene	8.075	146	16	0.002	ng	# 78
15) Benzyl Alcohol	7.916	79	621	0.078	ng	# 48
16) 2,2'-oxybis(1-Chloropr...	8.204	45	278	0.026	ng	96
17) 2-Methylphenol	8.163	107	35	0.004	ng	# 1
18) Hexachloroethane	8.810	117	118	0.030	ng	# 61
19) n-Nitroso-di-n-propyla...	8.516	70	131	0.017	ng	# 1
20) 3+4-Methylphenols	8.481	107	52	0.005	ng	# 1
22) Acetophenone	8.534	105	893	0.065	ng	# 79
24) Nitrobenzene	8.863	77	2804	0.292	ng	# 44
25) Isophorone	9.422	82	152	0.009	ng	# 55
26) 2-Nitrophenol	9.634	139	17	0.004	ng	# 1
28) bis(2-Chloroethoxy)met...	9.910	93	93	0.008	ng	# 1
29) 2,4-Dichlorophenol	10.140	162	10	0.001	ng	# 1
30) 1,2,4-Trichlorobenzene	10.334	180	14	0.002	ng	# 1
31) Naphthalene	10.534	128	10545	0.361	ng	99
32) Benzoic acid	9.799	122	163133m	23.708	ng	
33) 4-Chloroaniline	10.622	127	134	0.013	ng	# 1
34) Hexachlorobutadiene	10.810	225	17	0.003	ng	# 53
35) Caprolactam	11.516	113	432	0.145	ng	99
36) 4-Chloro-3-methylphenol	11.775	107	73	0.008	ng	# 49
37) 2-Methylnaphthalene	12.145	142	6968	0.344	ng	93
38) 1-Methylnaphthalene	12.369	142	15156	0.766	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	41	0.005	ng	# 1
41) Hexachlorocyclopentadiene	12.581	237	11	0.004	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	19	0.003	ng	# 30
44) 2,4,5-Trichlorophenol	12.851	196	14	0.002	ng	# 1

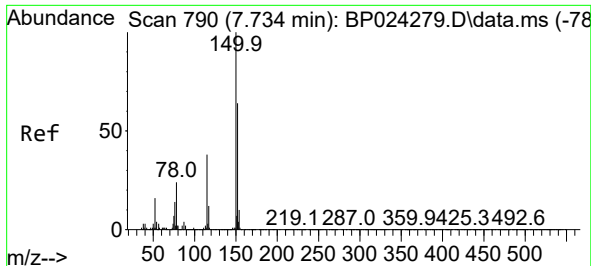
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.163	154	285	0.012	ng	# 59
47) 2-Chloronaphthalene	13.198	162	119	0.007	ng	# 89
48) 2-Nitroaniline	13.369	65	114	0.024	ng	# 39
49) Acenaphthylene	14.069	152	408	0.015	ng	# 19
50) Dimethylphthalate	13.798	163	16883	0.742	ng	100
51) 2,6-Dinitrotoluene	13.922	165	29	0.006	ng	# 15
52) Acenaphthene	14.404	154	4338	0.253	ng	96
53) 3-Nitroaniline	14.216	138	164	0.032	ng	# 1
54) 2,4-Dinitrophenol	14.475	184	13	0.005	ng	# 1
55) Dibenzofuran	14.751	168	1948	0.069	ng	91
56) 4-Nitrophenol	14.634	139	188	0.043	ng	91
57) 2,4-Dinitrotoluene	14.692	165	198	0.030	ng	# 36
58) Fluorene	15.410	166	7013	0.323	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	12	0.002	ng	# 1
60) Diethylphthalate	15.175	149	2296	0.098	ng	# 91
61) 4-Chlorophenyl-phenyle...	15.404	204	87	0.008	ng	# 8
62) 4-Nitroaniline	15.398	138	171	0.032	ng	88
63) Azobenzene	15.722	77	617	0.029	ng	# 40
65) 4,6-Dinitro-2-methylph...	15.469	198	14	0.004	ng	# 1
66) n-Nitrosodiphenylamine	15.851	169	17923	1.009	ng	# 50
67) 4-Bromophenyl-phenylether	16.310	248	30	0.005	ng	# 1
68) Hexachlorobenzene	16.416	284	67	0.009	ng	# 1
69) Atrazine	16.675	200	24	0.005	ng	98
70) Pentachlorophenol	16.692	266	64	0.012	ng	96
71) Phenanthrene	17.180	178	16198	0.499	ng	97
72) Anthracene	17.180	178	16198	0.518	ng	96
73) Carbazole	17.575	167	1044	0.034	ng	# 63
74) Di-n-butylphthalate	18.145	149	9583	0.252	ng	# 92
75) Fluoranthene	19.269	202	3062	0.079	ng	98
77) Benzidine	19.457	184	75	0.009	ng	# 1
78) Pyrene	19.645	202	3699	0.084	ng	# 92
80) Butylbenzylphthalate	20.598	149	583	0.031	ng	# 82
81) Benzo(a)anthracene	21.586	228	2602	0.060	ng	# 80
82) 3,3'-Dichlorobenzidine	21.474	252	136	0.009	ng	# 50
83) Chrysene	21.639	228	1162	0.028	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.504	149	10558	0.382	ng	99
85) Di-n-octyl phthalate	22.780	149	1071	0.024	ng	# 47
87) Indeno(1,2,3-cd)pyrene	28.733	276	52	0.001	ng	# 1
88) Benzo(b)fluoranthene	23.863	252	274	0.006	ng	# 1
89) Benzo(k)fluoranthene	23.863	252	274	0.006	ng	# 1
90) Benzo(a)pyrene	24.804	252	307	0.007	ng	# 1
91) Dibenzo(a,h)anthracene	28.792	278	155	0.003	ng	# 1
92) Benzo(g,h,i)perylene	29.892	276	56	0.001	ng	# 1

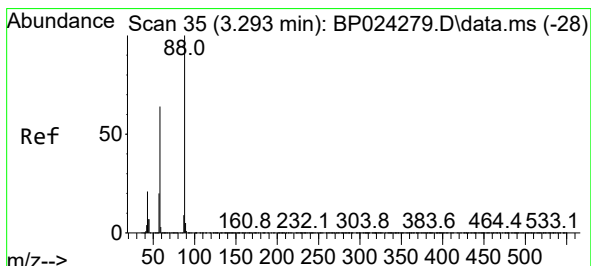
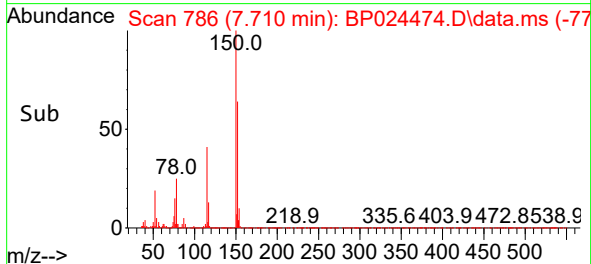
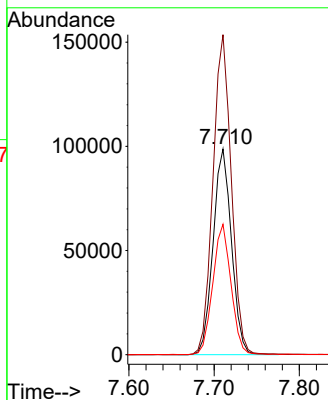
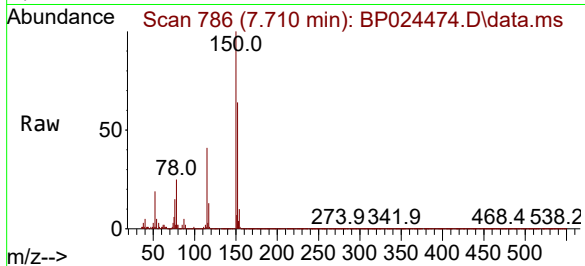
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

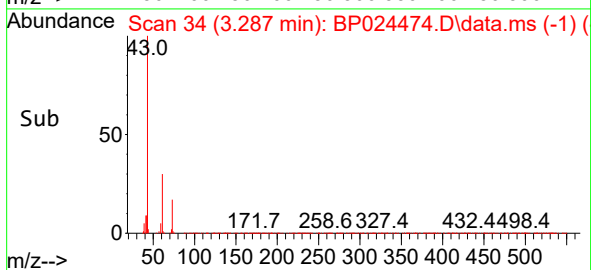
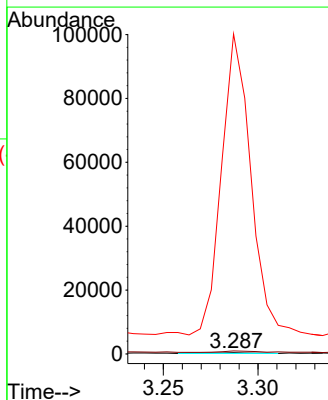
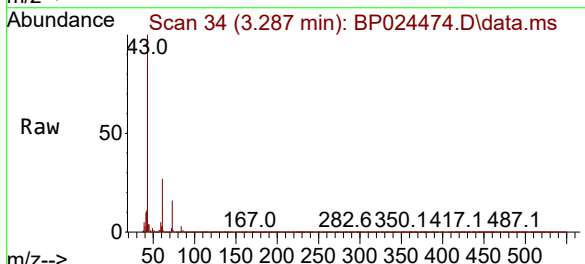
Instrument :
 BNA_P
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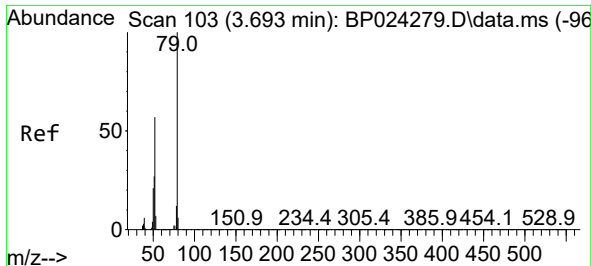
Tgt Ion:152 Resp: 148268
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.9 187.3
 115 63.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.102 ng
 RT: 3.287 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

Tgt Ion: 88 Resp: 385
 Ion Ratio Lower Upper
 88 100
 58 245.2 51.4 77.2#
 43 26551.2 17.1 25.7#

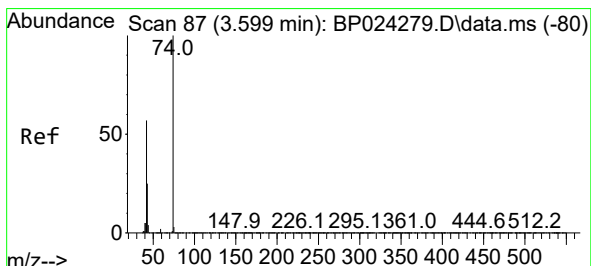
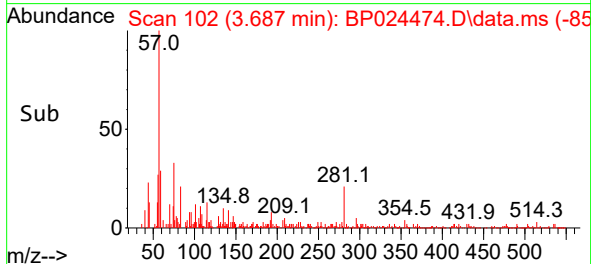
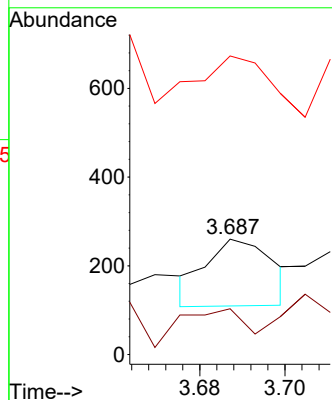
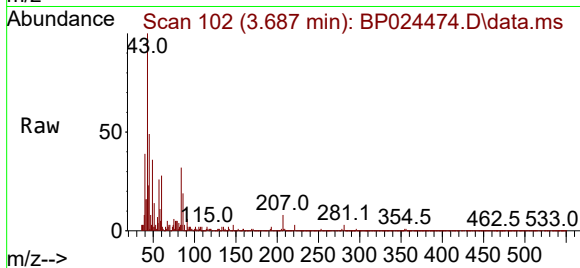




#3
Pyridine
Concen: 0.016 ng
RT: 3.687 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

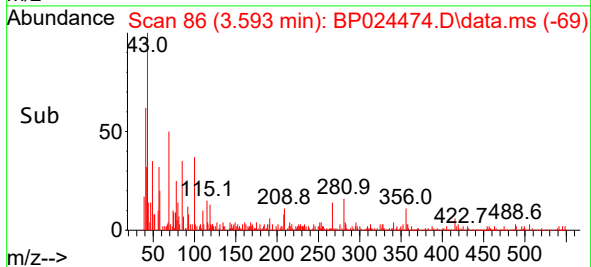
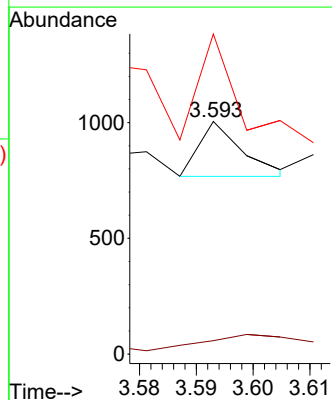
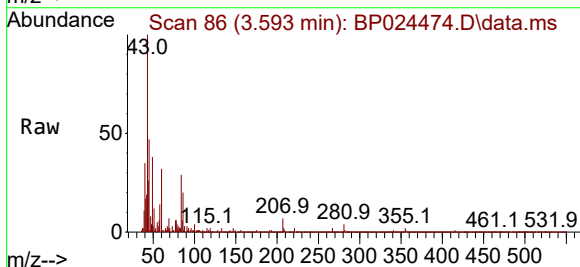
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BNA_P
ClientSampleId :
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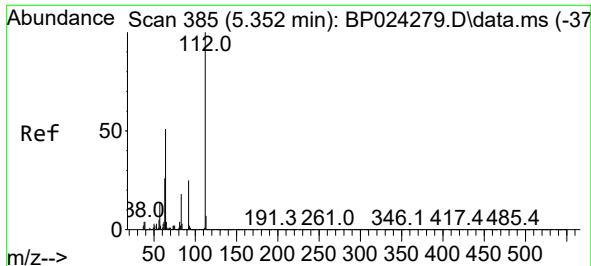
Tgt Ion: 79 Resp: 163
Ion Ratio Lower Upper
79 100
52 39.6 45.4 68.2#
51 258.8 22.6 33.8#



#4
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 42 Resp: 125
Ion Ratio Lower Upper
42 100
74 5.8 139.5 209.3#
44 137.6 5.8 8.8#

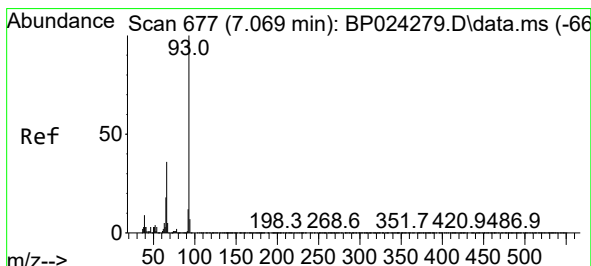
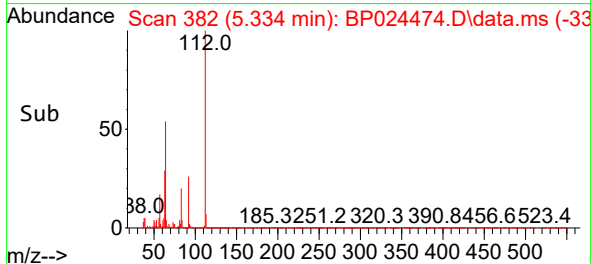
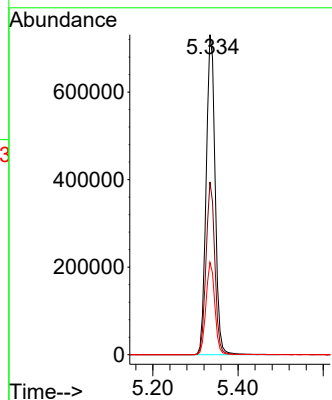
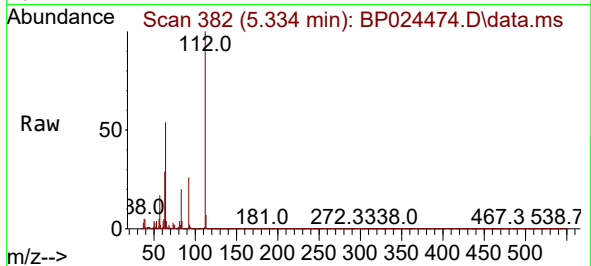




#5
2-Fluorophenol
Concen: 118.771 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

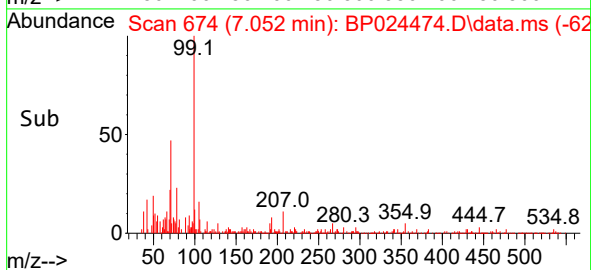
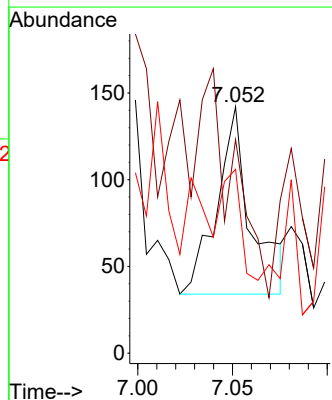
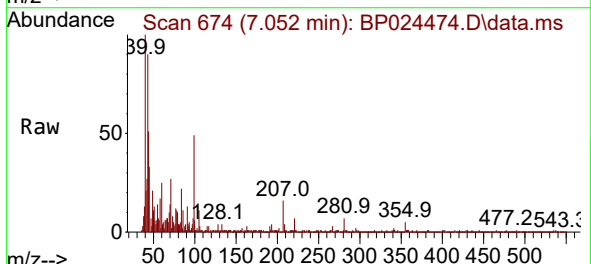
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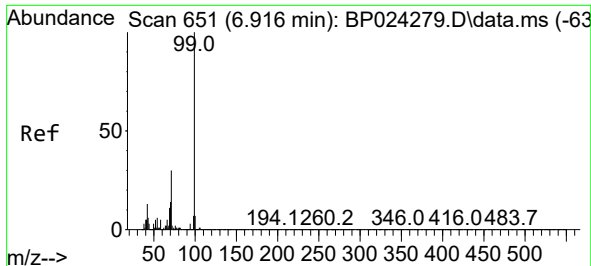
Tgt Ion:112 Resp: 1065036
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 28.9 20.6 30.8



#6
Aniline
Concen: 0.012 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 93 Resp: 135
Ion Ratio Lower Upper
93 100
66 75.9 29.1 43.7#
65 65.4 14.7 22.1#





#7

Phenol-d6

Concen: 99.558 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

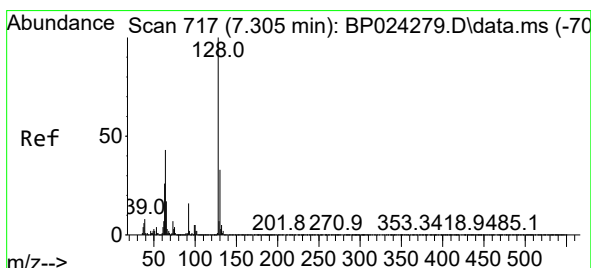
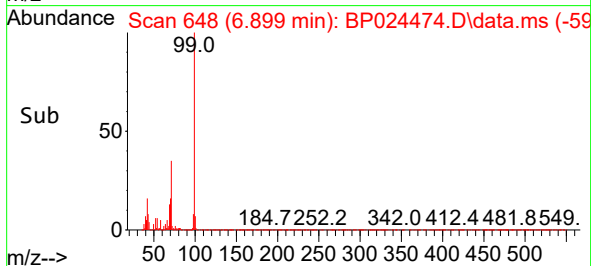
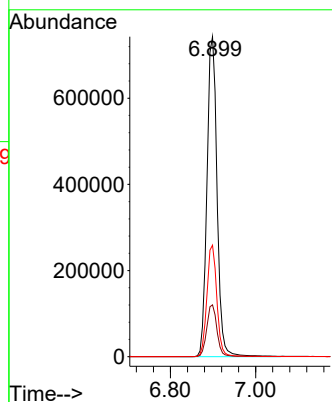
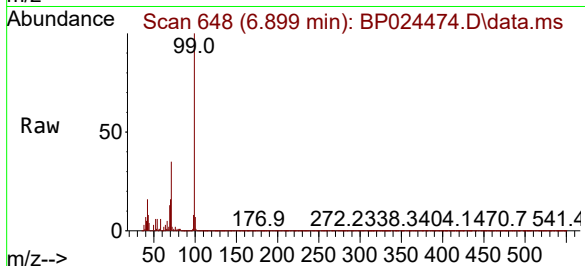
BNA_P

ClientSampleId :

MH-D

Tgt Ion: 99 Resp: 1222434

Ion	Ratio	Lower	Upper
99	100		
42	16.2	10.6	16.0#
71	34.9	23.7	35.5



#8

2-Chlorophenol

Concen: 0.005 ng

RT: 7.346 min Scan# 724

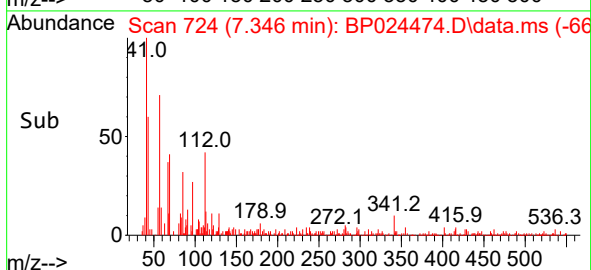
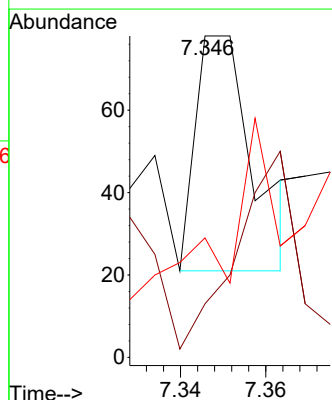
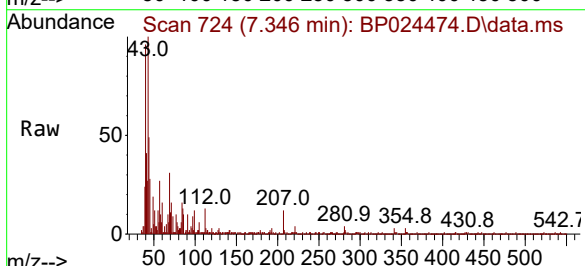
Delta R.T. 0.047 min

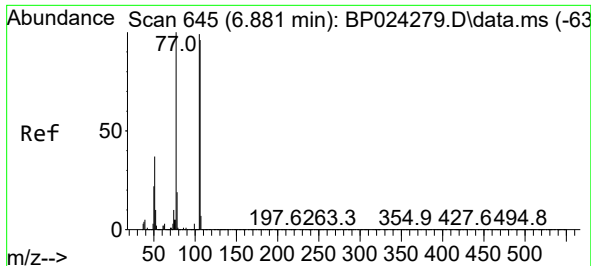
Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Tgt Ion:128 Resp: 54

Ion	Ratio	Lower	Upper
128	100		
130	16.7	12.9	52.9
64	37.2	22.7	62.7





#9

Benzaldehyde

Concen: 0.406 ng

RT: 6.899 min Scan# 64

Delta R.T. 0.018 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

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ClientSampleId :

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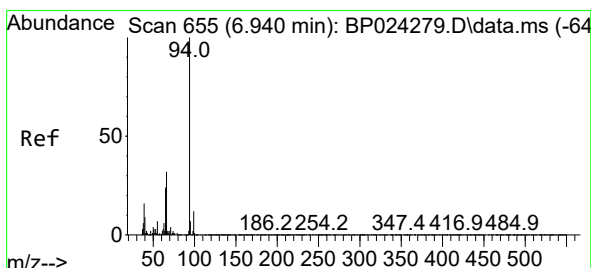
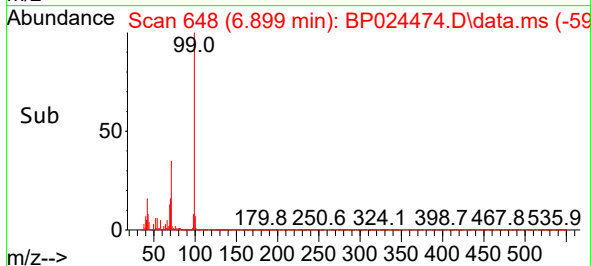
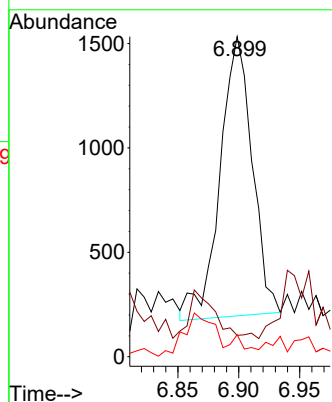
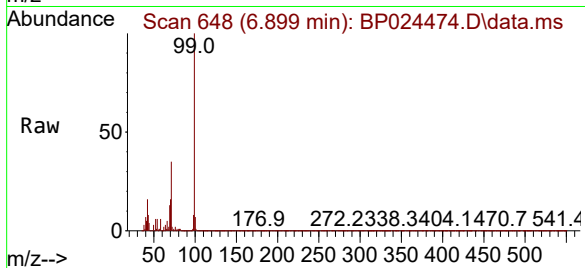
Tgt Ion: 77 Resp: 2467

Ion Ratio Lower Upper

77 100

105 6.7 79.2 119.2#

106 6.8 76.2 116.2#



#10

Phenol

Concen: 0.062 ng

RT: 6.928 min Scan# 653

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

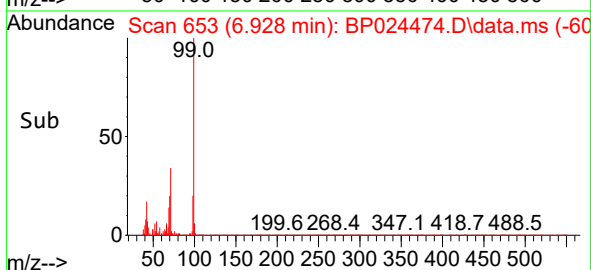
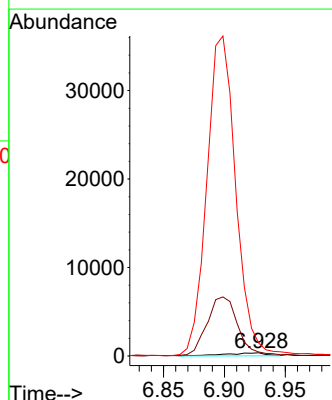
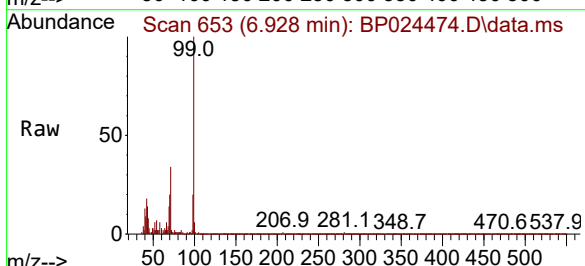
Tgt Ion: 94 Resp: 766

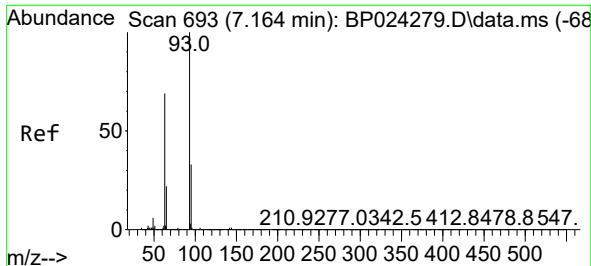
Ion Ratio Lower Upper

94 100

65 126.3 4.5 44.5#

66 405.5 12.4 52.4#





#11

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.258 min Scan# 709

Delta R.T. 0.100 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

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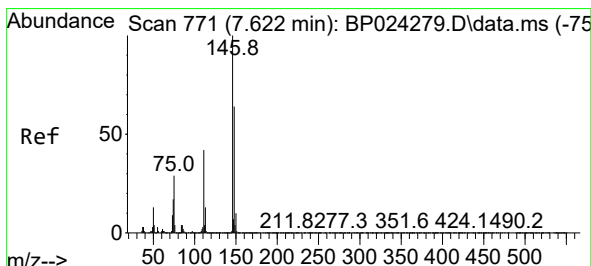
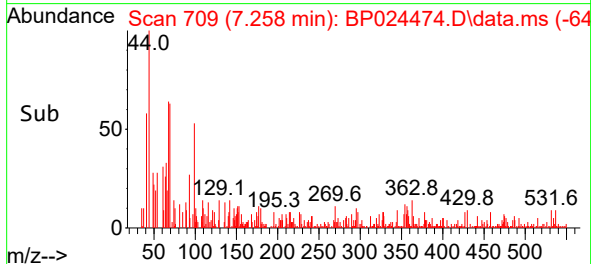
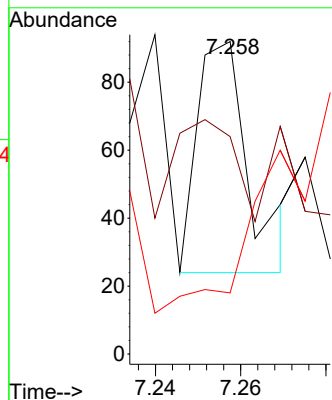
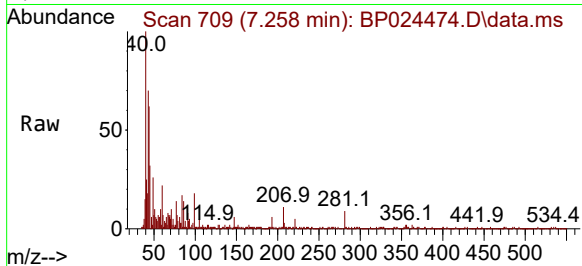
Tgt Ion: 93 Resp: 57

Ion Ratio Lower Upper

93 100

63 69.6 48.6 88.6

95 19.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 0.001 ng

RT: 7.605 min Scan# 768

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

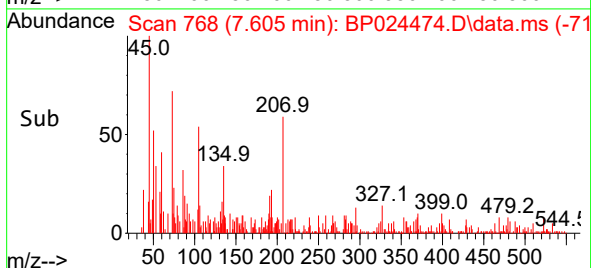
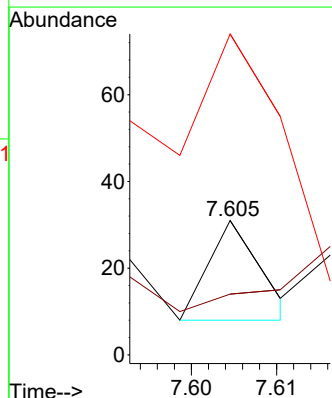
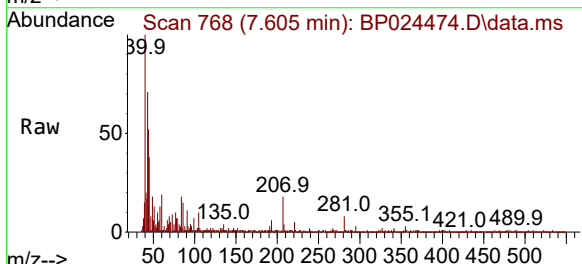
Tgt Ion:146 Resp: 10

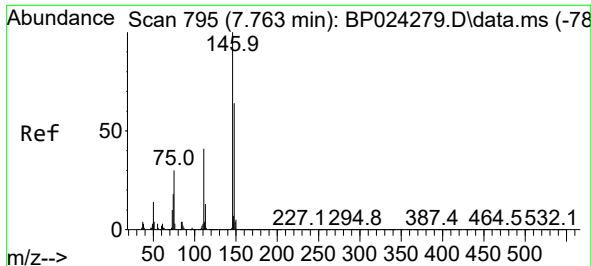
Ion Ratio Lower Upper

146 100

148 45.2 51.4 77.0#

75 296.8 22.9 34.3#





#13

1,4-Dichlorobenzene

Concen: 0.002 ng

RT: 7.740 min Scan# 795

Delta R.T. -0.018 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

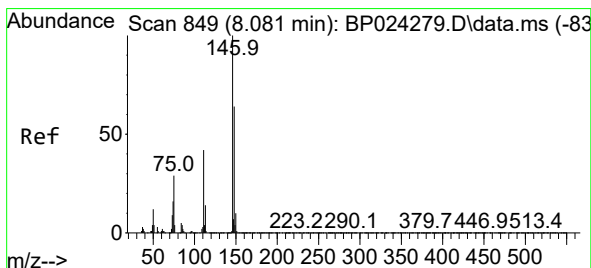
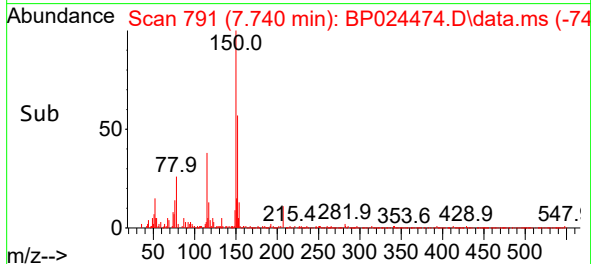
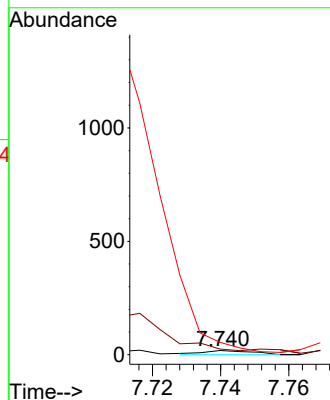
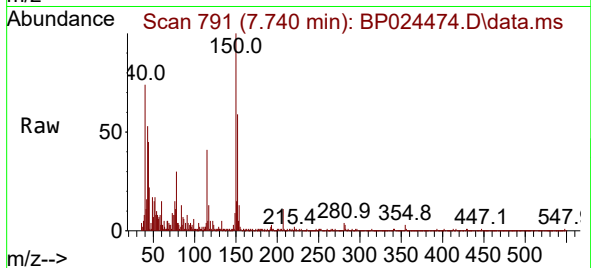
Tgt Ion:146 Resp: 19

Ion Ratio Lower Upper

146 100

148 131.6 51.1 76.7#

111 289.5 32.6 48.8#



#14

1,2-Dichlorobenzene

Concen: 0.002 ng

RT: 8.075 min Scan# 848

Delta R.T. 0.000 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

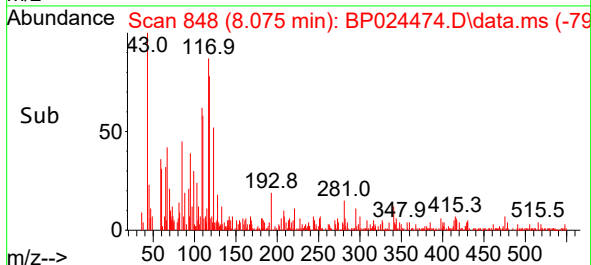
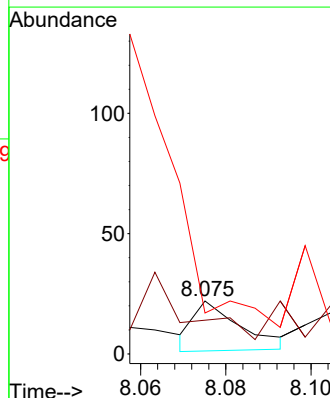
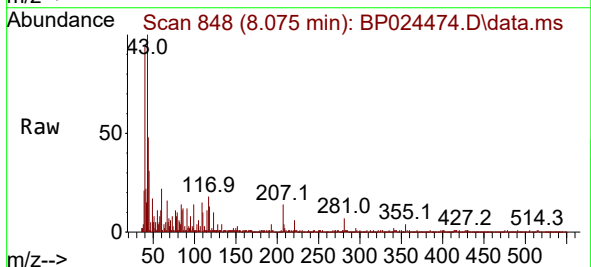
Tgt Ion:146 Resp: 16

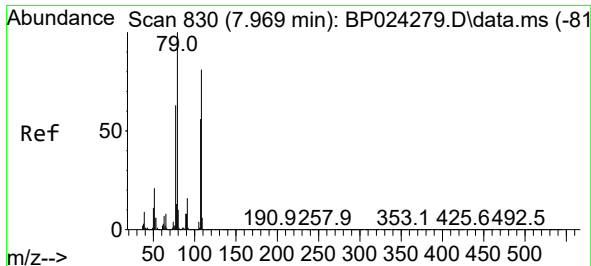
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

111 77.3 33.8 50.8#

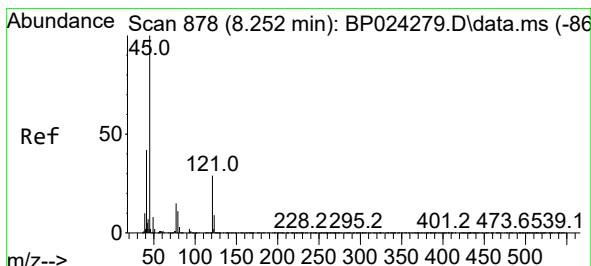
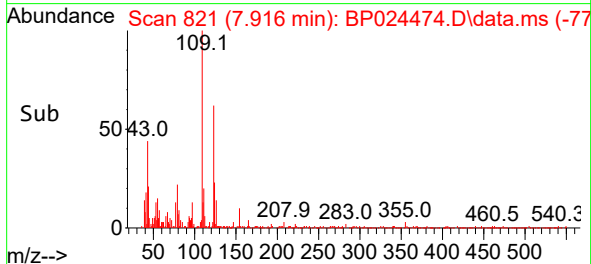
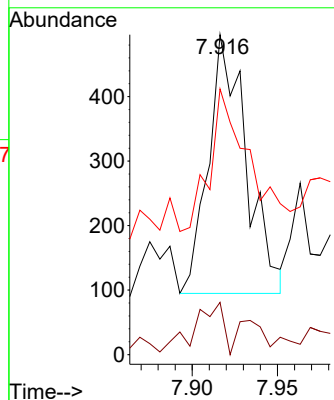
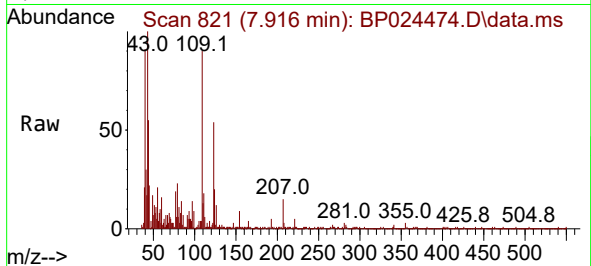




#15
Benzyl Alcohol
Concen: 0.078 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

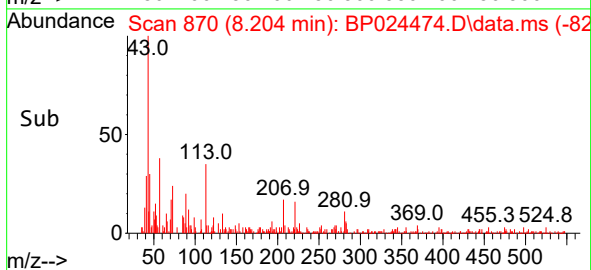
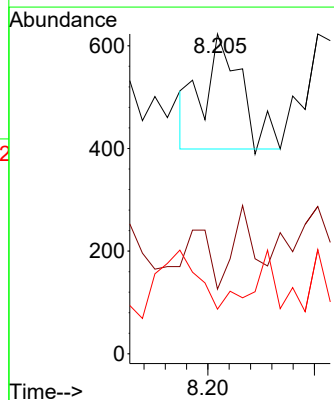
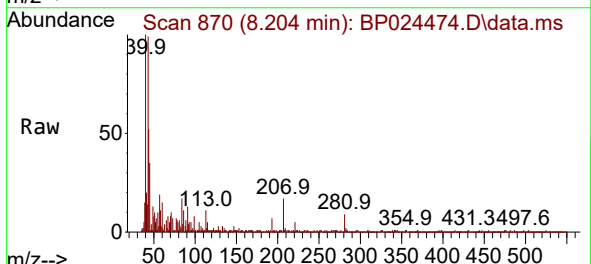
Instrument :
BNA_P
ClientSampleId :
MH-D

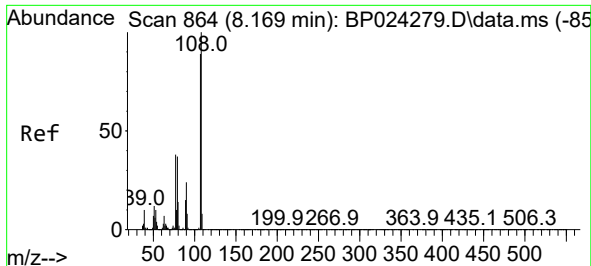
Tgt Ion: 79 Resp: 621
Ion Ratio Lower Upper
79 100
108 16.3 65.1 97.7#
77 83.1 50.7 76.1#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.026 ng
RT: 8.204 min Scan# 870
Delta R.T. -0.041 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 45 Resp: 278
Ion Ratio Lower Upper
45 100
77 20.2 0.0 37.7
79 14.0 0.0 33.5

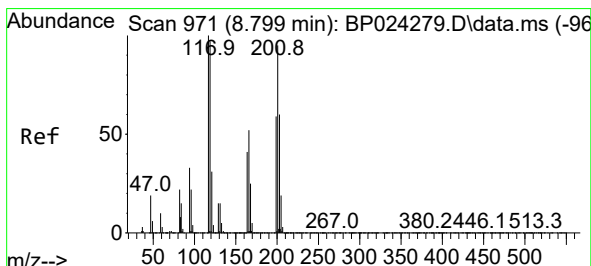
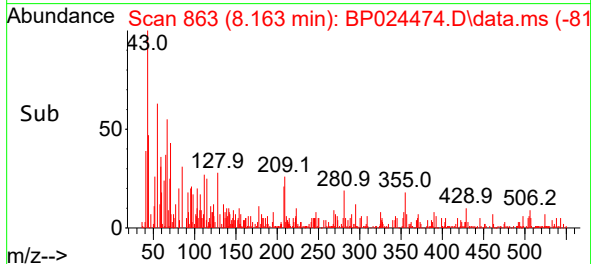
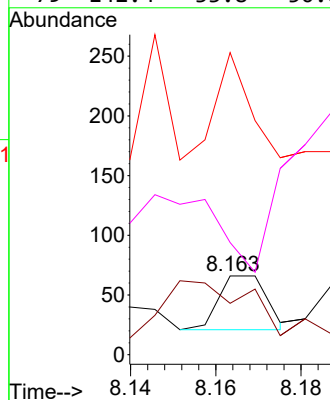
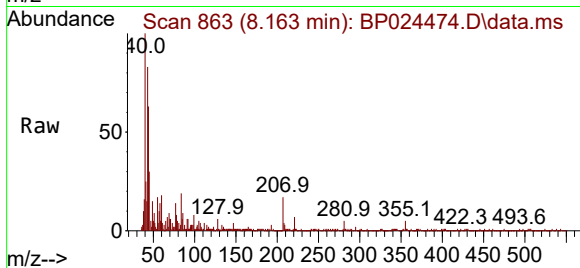




#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

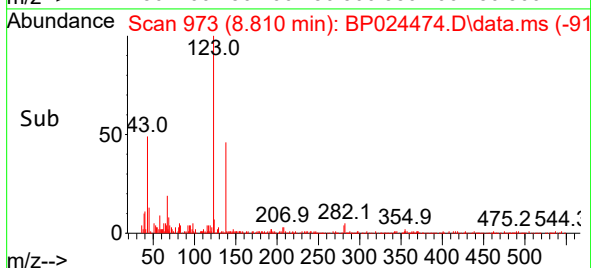
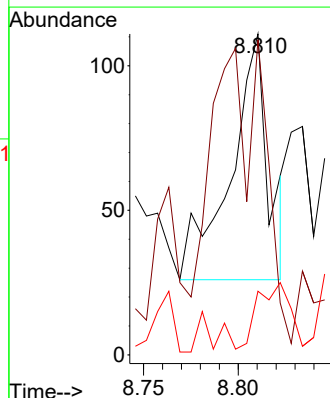
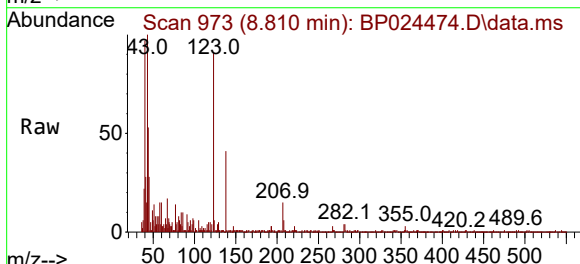
Instrument :
BNA_P
ClientSampleId :
MH-D

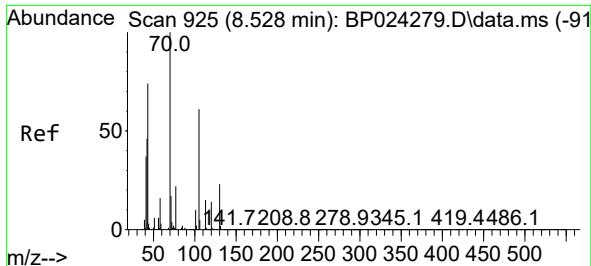
Tgt Ion:	107	Resp:	35
Ion	Ratio	Lower	Upper
107	100		
108	65.2	89.8	134.6#
77	383.3	34.2	51.4#
79	142.4	33.8	50.8#



#18
Hexachloroethane
Concen: 0.030 ng
RT: 8.810 min Scan# 973
Delta R.T. 0.018 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:	117	Resp:	118
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.8	116.6
201	19.8	75.9	113.9#

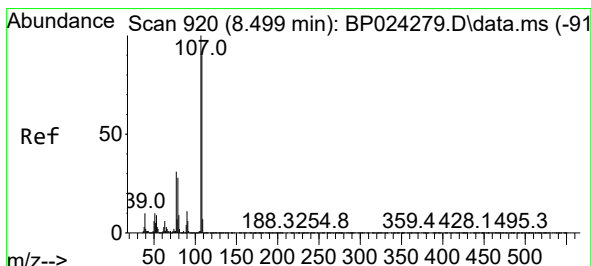
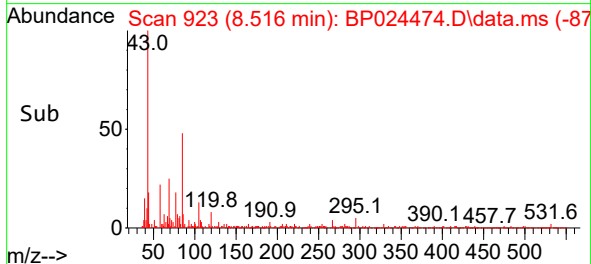
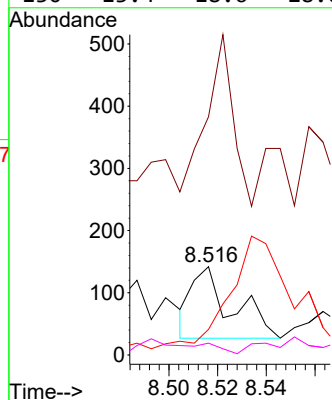
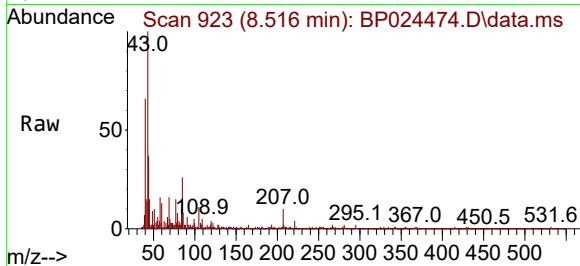




#19
n-Nitroso-di-n-propylamine
Concen: 0.017 ng
RT: 8.516 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

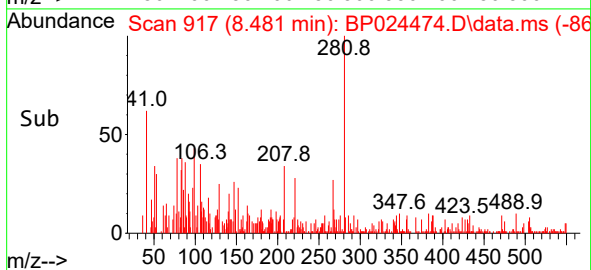
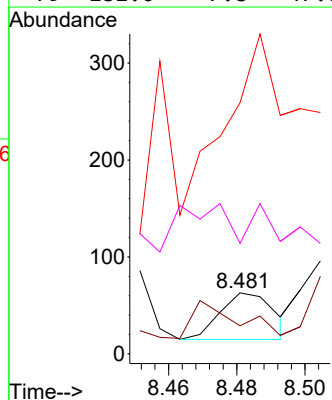
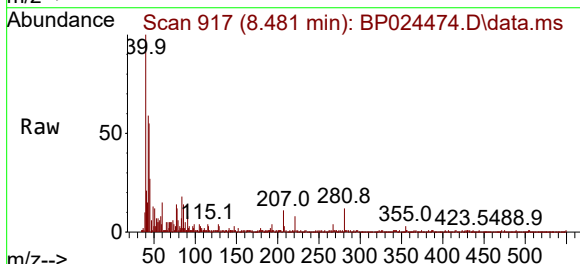
Instrument :
BNA_P
ClientSampleId :
MH-D

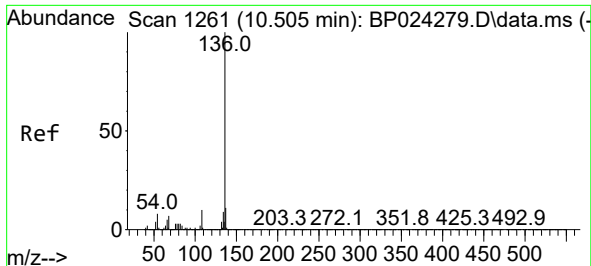
Tgt Ion: 70	Resp: 131
Ion Ratio	Lower Upper
70 100	
42 269.7	37.3 55.9#
101 28.9	8.2 12.4#
130 13.4	18.6 28.0#



#20
3+4-Methylphenols
Concen: 0.005 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt	Ion:107	Resp:	52
Ion	Ratio	Lower	Upper
107	100		
108	46.0	69.8	109.8#
77	411.1	11.5	51.5#
79	181.0	7.8	47.8#

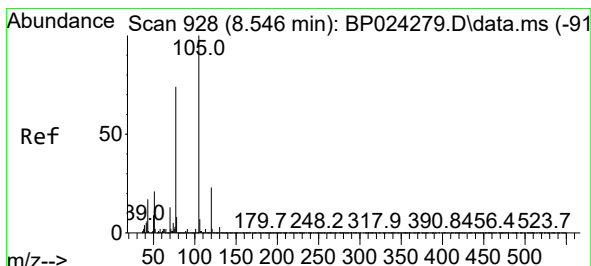
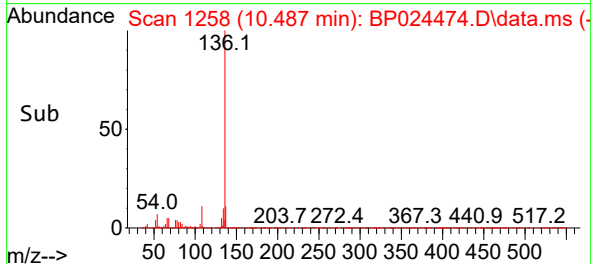
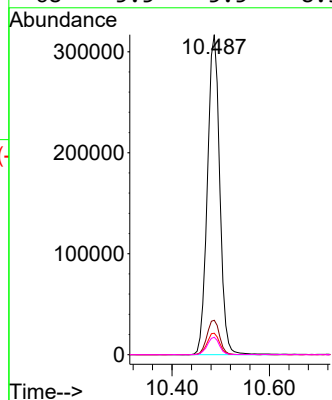
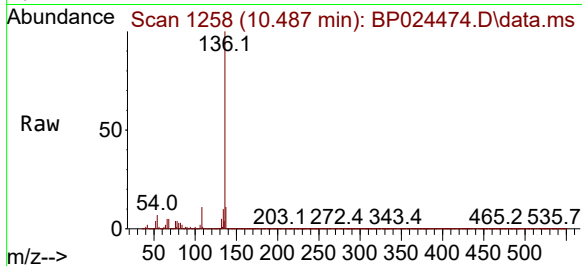




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

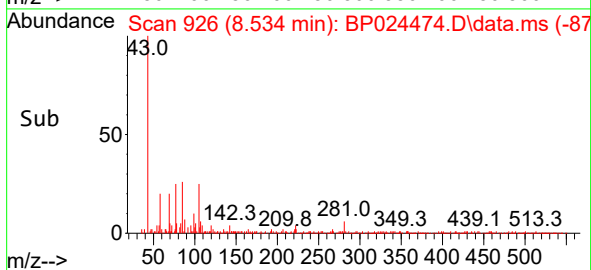
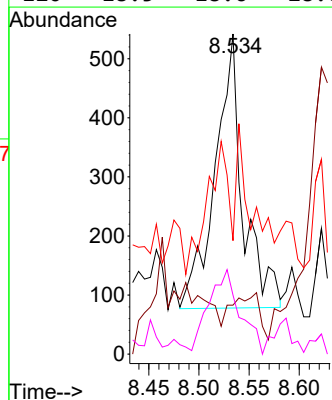
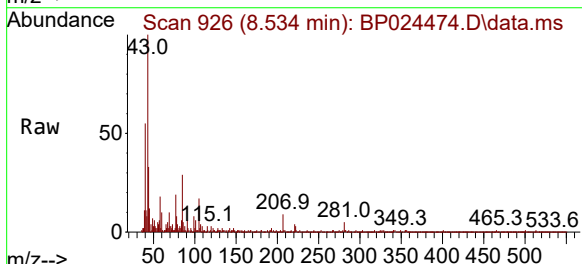
Instrument :
BNA_P
ClientSampleId :
MH-D

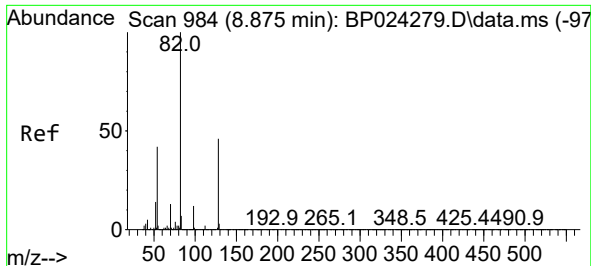
Tgt Ion:	136	Resp:	553950
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	6.7	6.0	9.0
68	5.5	5.5	8.3#



#22
Acetophenone
Concen: 0.065 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:	105	Resp:	893
Ion Ratio	Lower	Upper	
105	100		
71	15.3	1.7	2.5#
51	35.4	16.9	25.3#
120	18.5	18.6	28.0#

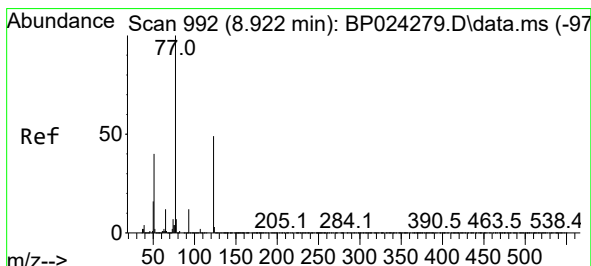
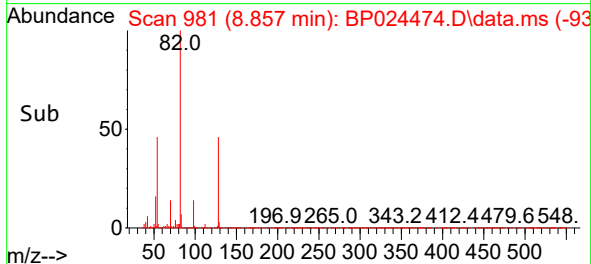
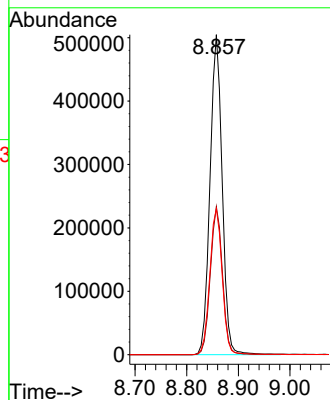
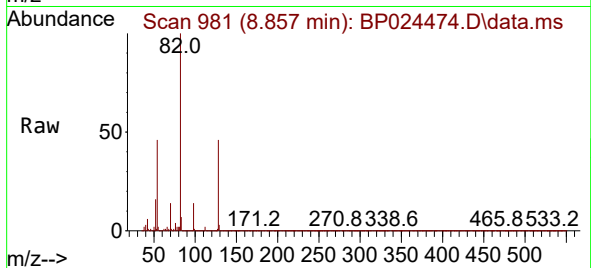




#23
Nitrobenzene-d5
Concen: 84.970 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

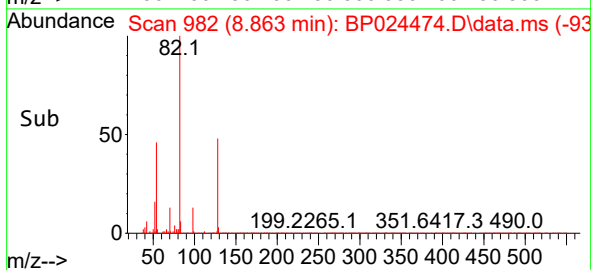
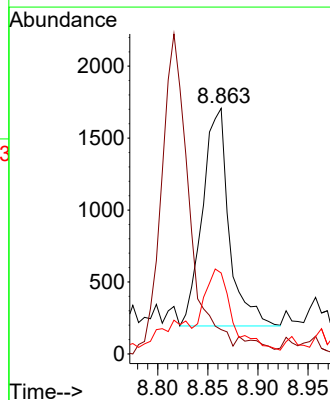
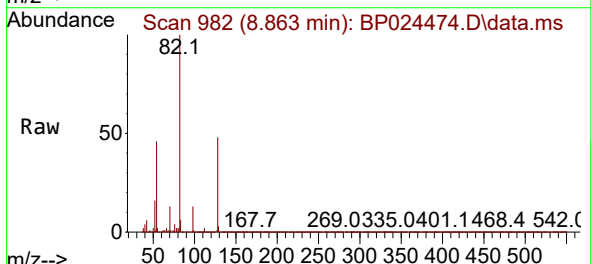
Instrument :
BNA_P
ClientSampleId :
MH-D

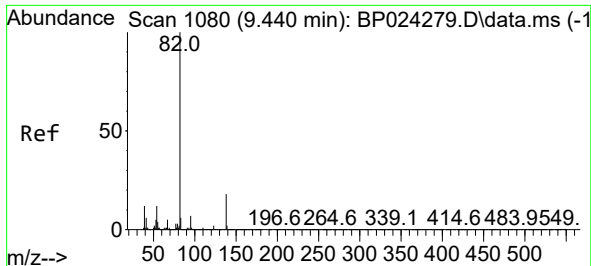
Tgt Ion: 82 Resp: 825464
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 45.7 33.4 50.2



#24
Nitrobenzene
Concen: 0.292 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.047 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 77 Resp: 2804
Ion Ratio Lower Upper
77 100
123 9.9 39.2 58.8#
65 32.9 9.8 14.6#

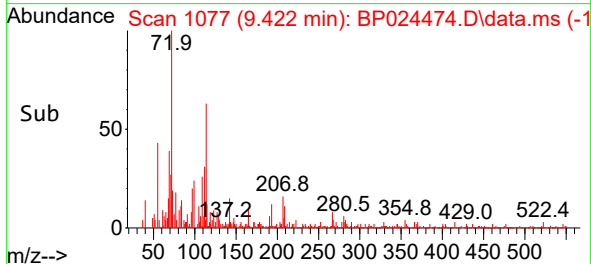
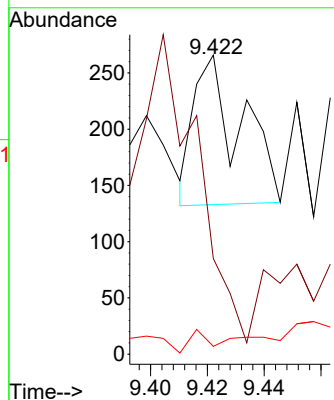
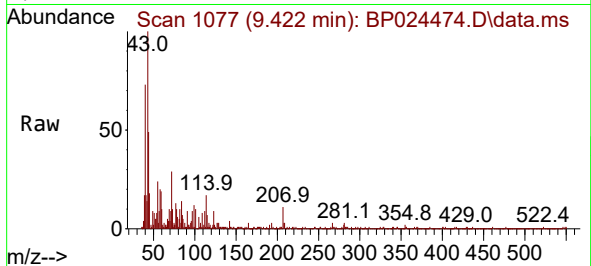




#25
Isophorone
Concen: 0.009 ng
RT: 9.422 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

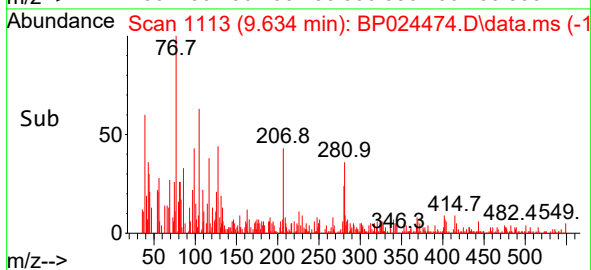
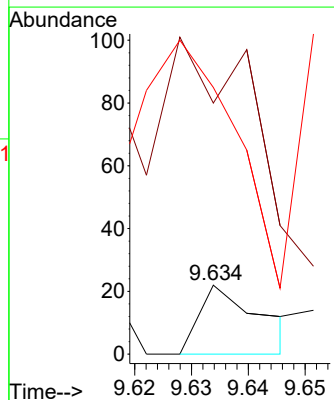
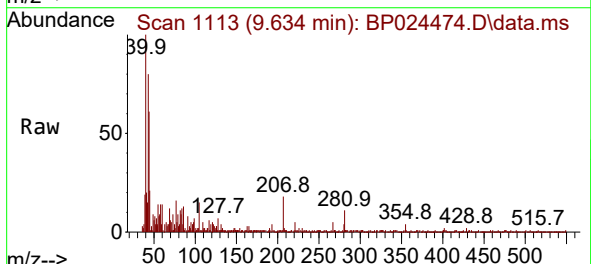
Instrument :
BNA_P
ClientSampleId :
MH-D

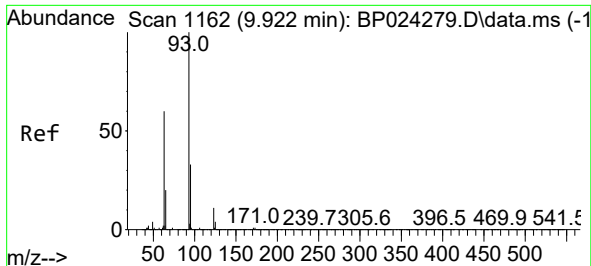
Tgt Ion: 82 Resp: 152
Ion Ratio Lower Upper
82 100
95 32.0 5.4 8.2#
138 2.6 14.4 21.6#



#26
2-Nitrophenol
Concen: 0.004 ng
RT: 9.634 min Scan# 1113
Delta R.T. 0.018 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 139 Resp: 17
Ion Ratio Lower Upper
139 100
109 440.9 21.8 32.6#
65 386.4 36.2 54.2#

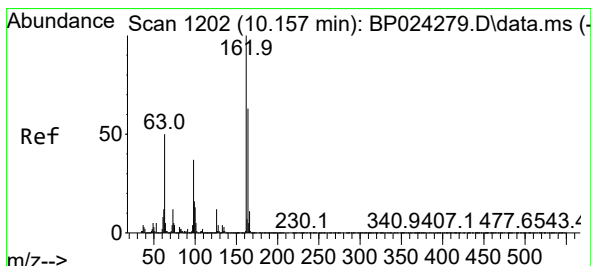
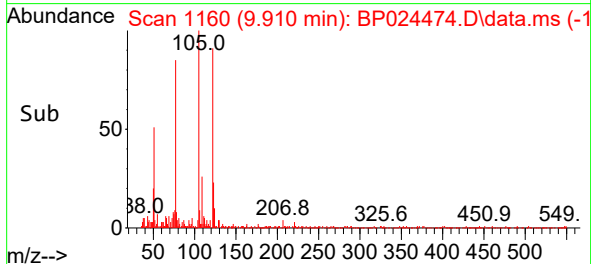
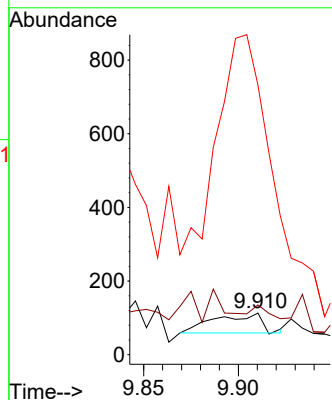
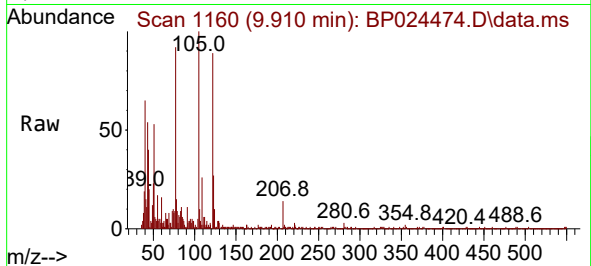




#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 9.910 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

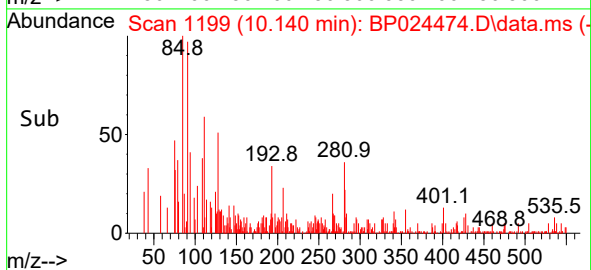
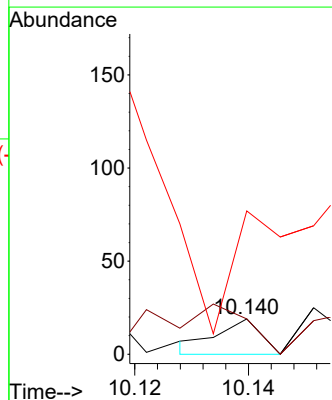
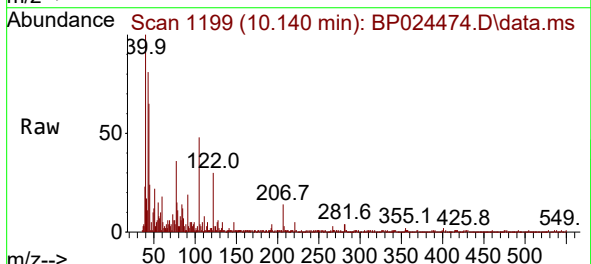
Instrument :
BNA_P
ClientSampleId :
MH-D

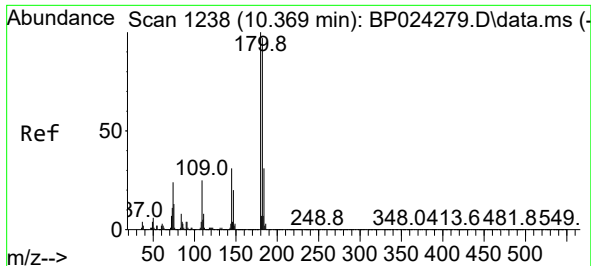
Tgt Ion: 93 Resp: 93
Ion Ratio Lower Upper
93 100
95 119.5 26.0 39.0#
123 647.8 9.1 13.7#



#29
2,4-Dichlorophenol
Concen: 0.001 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 162 Resp: 10
Ion Ratio Lower Upper
162 100
164 100.0 43.3 83.3#
98 405.3 16.6 56.6#

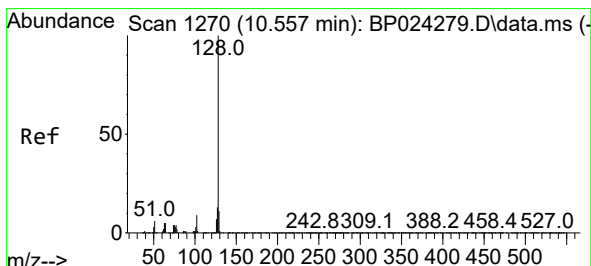
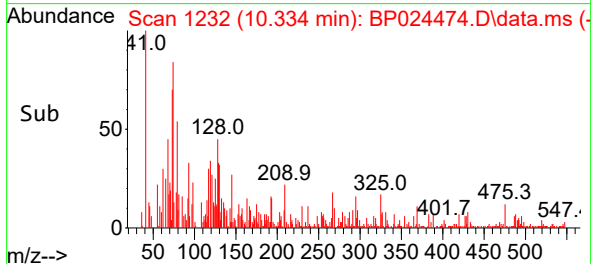
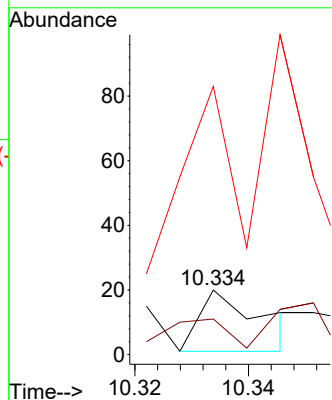
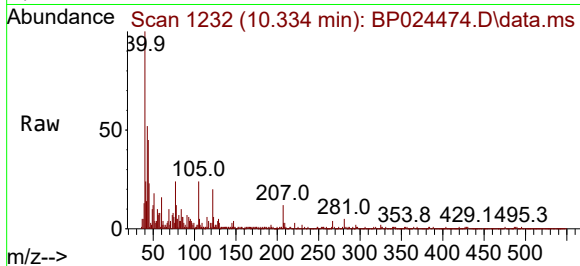




#30
1,2,4-Trichlorobenzene
Concen: 0.002 ng
RT: 10.334 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

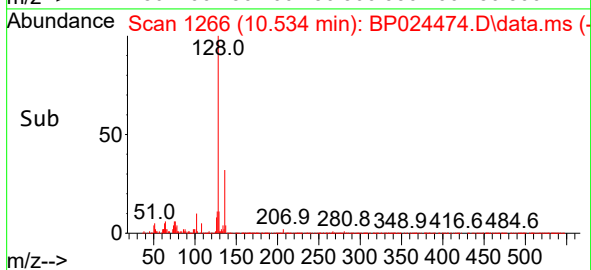
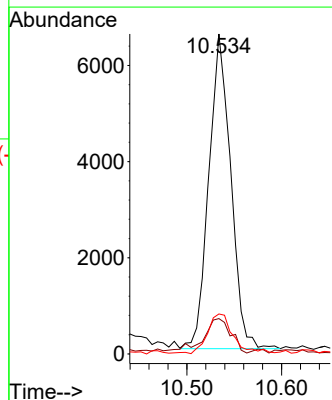
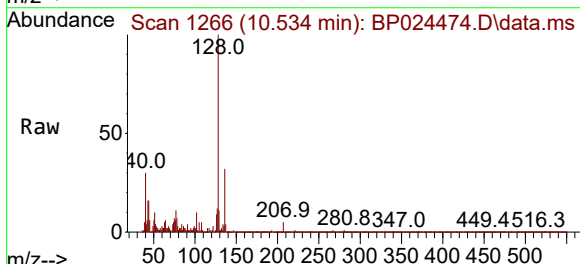
Instrument :
BNA_P
ClientSampleId :
MH-D

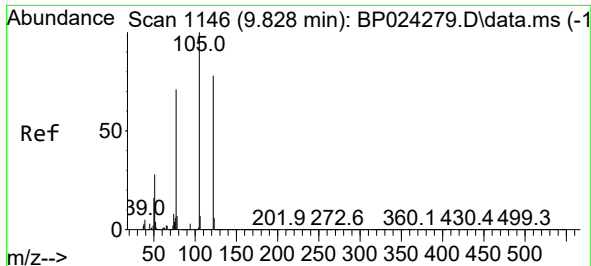
Tgt Ion:180 Resp: 14
Ion Ratio Lower Upper
180 100
182 55.0 77.3 115.9#
145 415.0 25.1 37.7#



#31
Naphthalene
Concen: 0.361 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:128 Resp: 10545
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.5 10.3 15.5

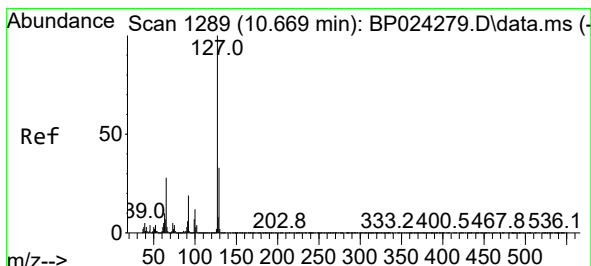
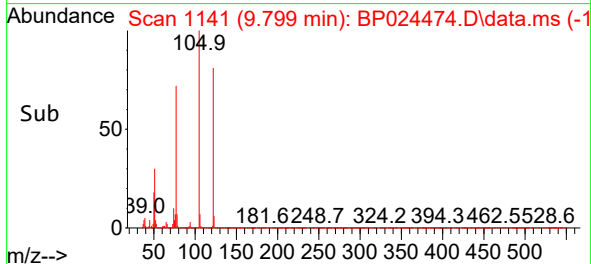
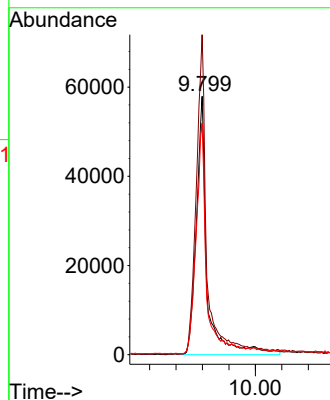
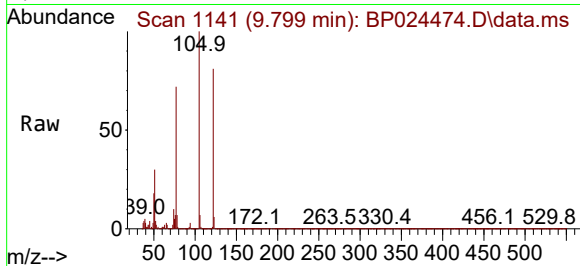




#32
Benzoic acid
Concen: 23.708 ng m
RT: 9.799 min Scan# 1146
Delta R.T. -0.024 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

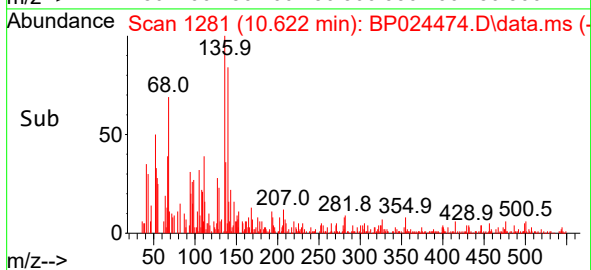
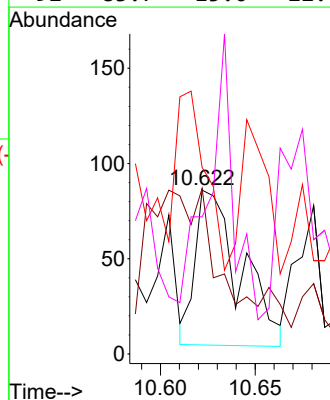
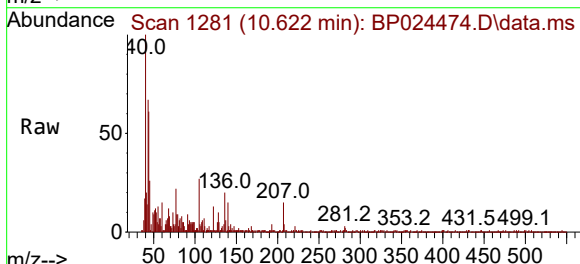
Instrument :
BNA_P
ClientSampleId :
MH-D

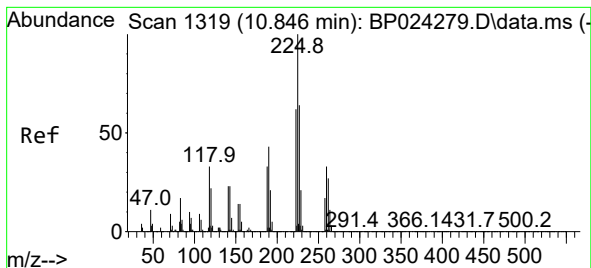
Tgt Ion:122 Resp: 163133
Ion Ratio Lower Upper
122 100
105 123.8 104.8 144.8
77 89.7 69.2 109.2



#33
4-Chloroaniline
Concen: 0.013 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.041 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:127 Resp: 134
Ion Ratio Lower Upper
127 100
129 101.2 26.1 39.1#
65 114.0 22.1 33.1#
92 83.7 15.0 22.4#





#34

Hexachlorobutadiene

Concen: 0.003 ng

RT: 10.810 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

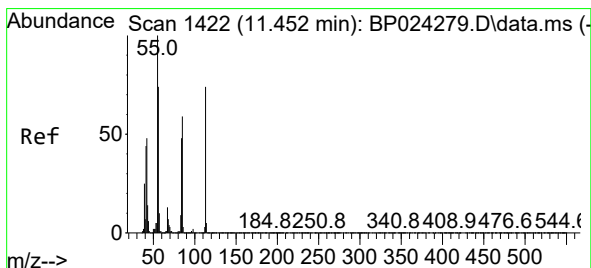
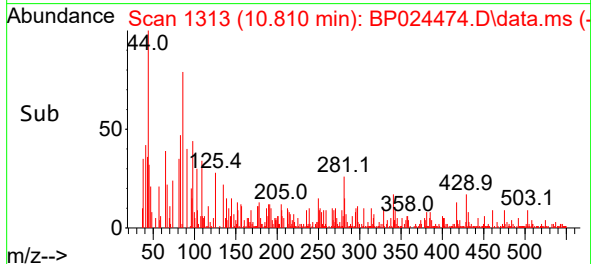
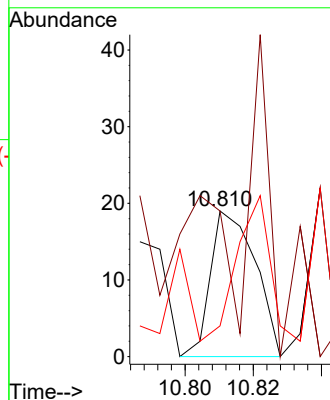
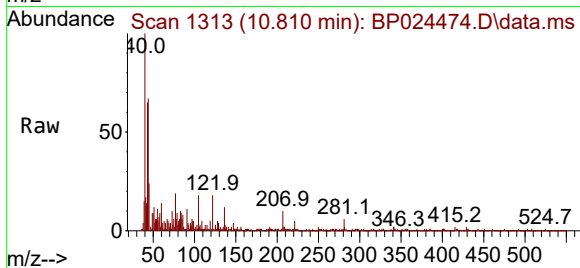
Tgt Ion:225 Resp: 17

Ion Ratio Lower Upper

225 100

223 90.5 49.5 74.3#

227 19.0 50.9 76.3#



#35

Caprolactam

Concen: 0.145 ng

RT: 11.516 min Scan# 1433

Delta R.T. 0.071 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

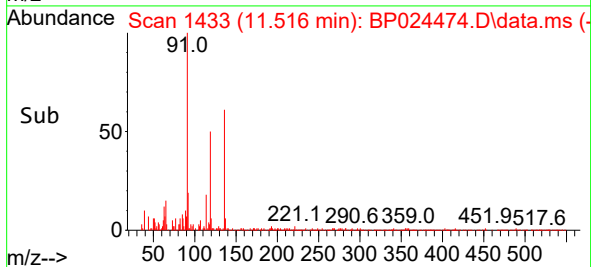
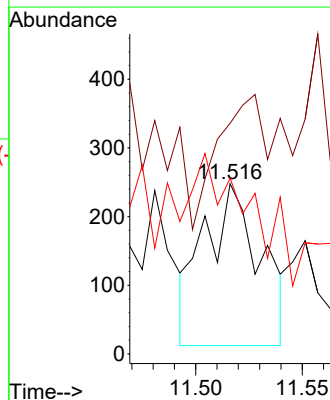
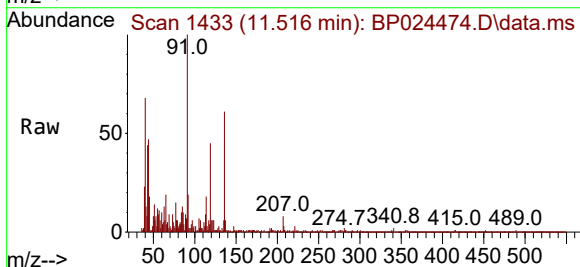
Tgt Ion:113 Resp: 432

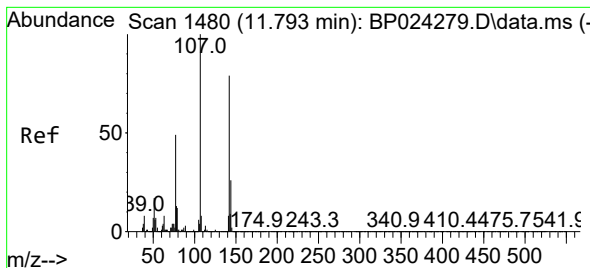
Ion Ratio Lower Upper

113 100

55 135.5 115.9 155.9

56 103.2 81.1 121.1

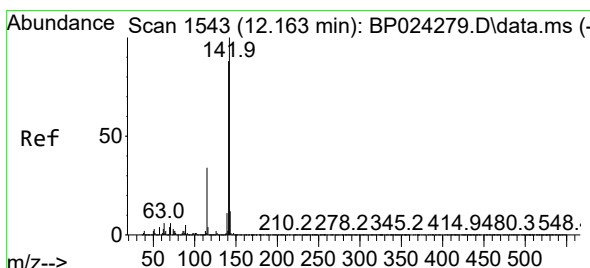
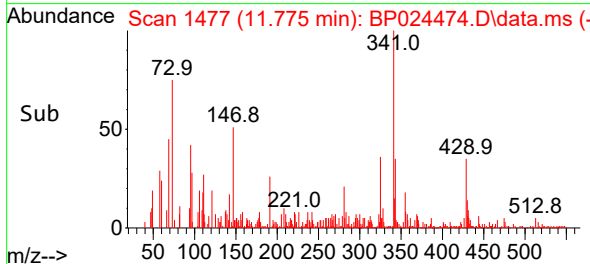
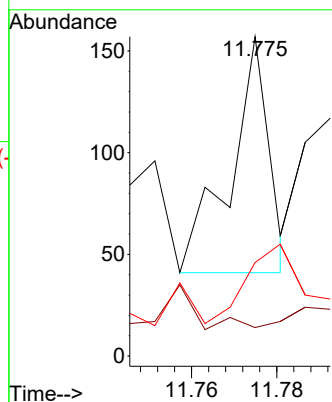
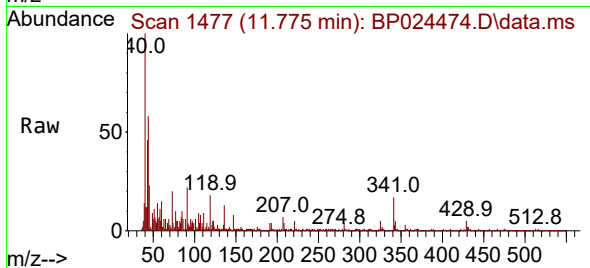




#36
4-Chloro-3-methylphenol
Concen: 0.008 ng
RT: 11.775 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

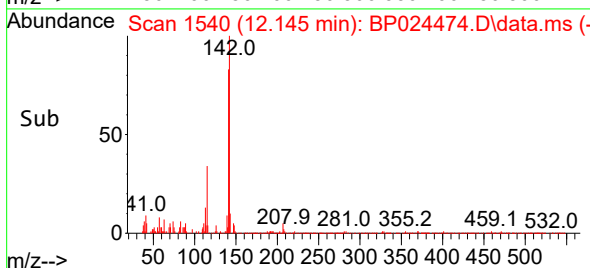
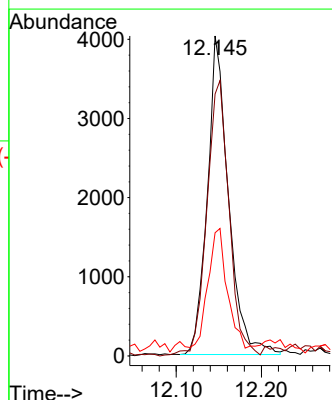
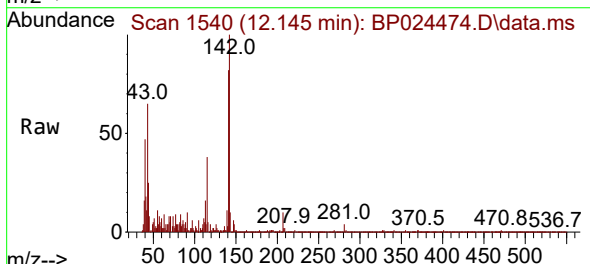
Instrument :
BNA_P
ClientSampleId :
MH-D

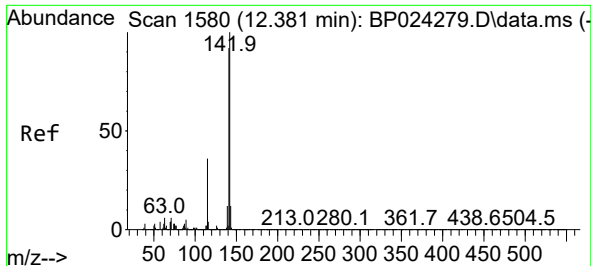
Tgt Ion:107 Resp: 73
Ion Ratio Lower Upper
107 100
144 8.9 20.5 30.7#
142 29.3 63.4 95.2#



#37
2-Methylnaphthalene
Concen: 0.344 ng
RT: 12.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:142 Resp: 6968
Ion Ratio Lower Upper
142 100
141 81.8 70.3 105.5
115 38.5 26.9 40.3

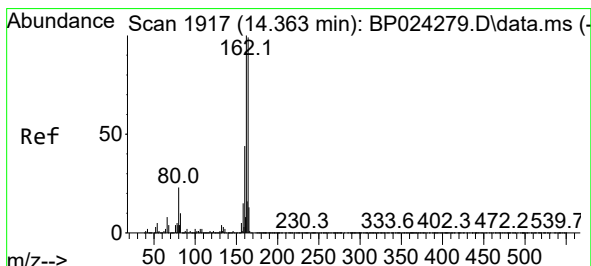
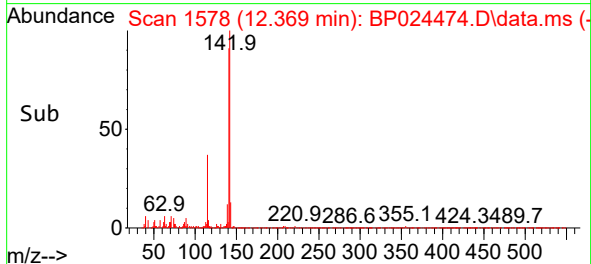
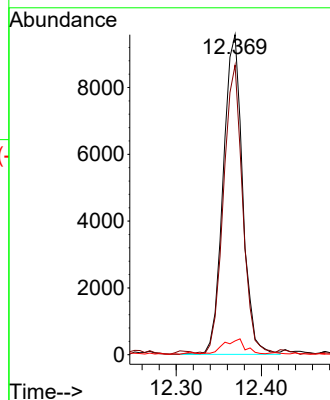
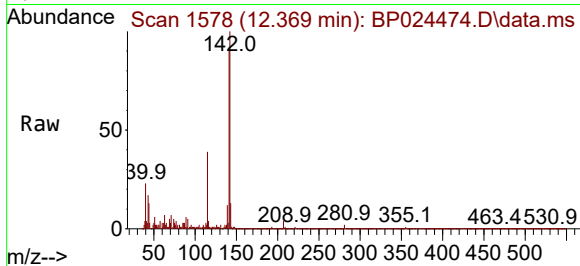




#38
1-Methylnaphthalene
Concen: 0.766 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

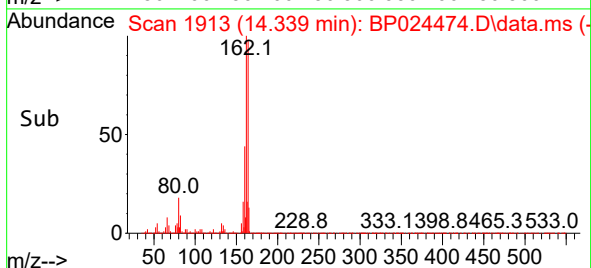
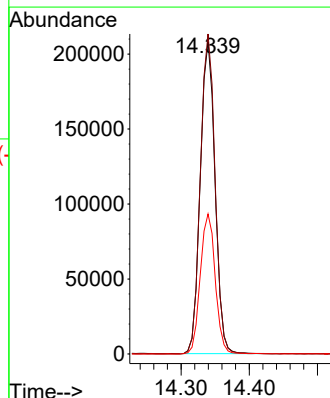
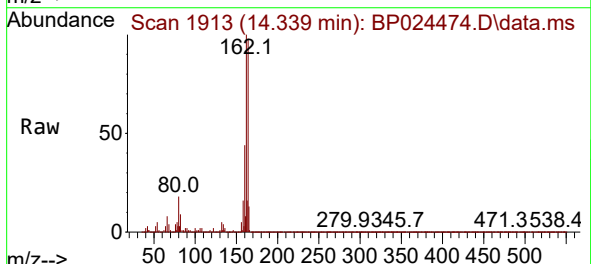
Instrument :
BNA_P
ClientSampleId :
MH-D

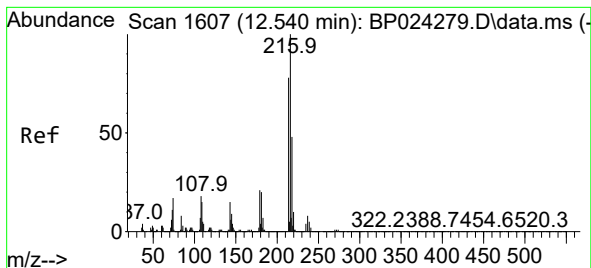
Tgt Ion:142 Resp: 15156
Ion Ratio Lower Upper
142 100
141 90.5 73.6 110.4
116 4.3 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:164 Resp: 313025
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.8 35.3 52.9

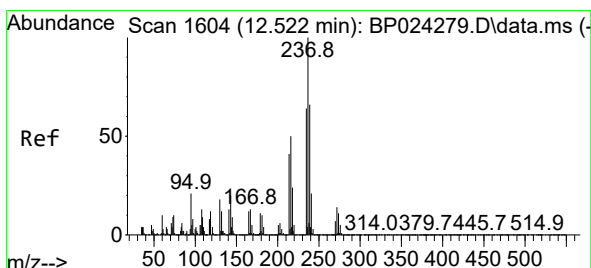
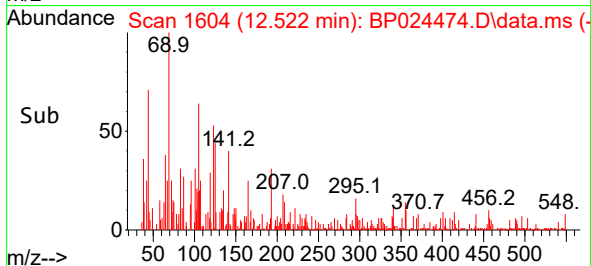
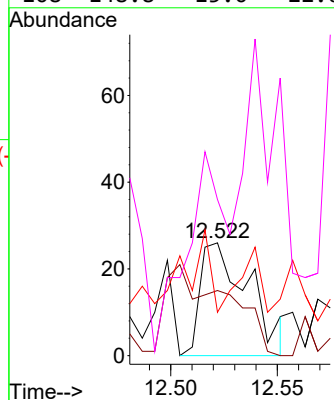
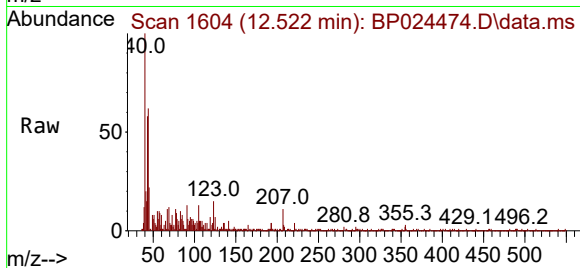




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.005 ng
 RT: 12.522 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

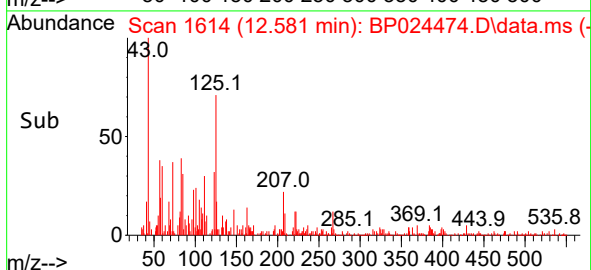
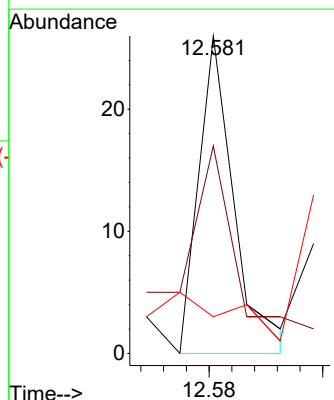
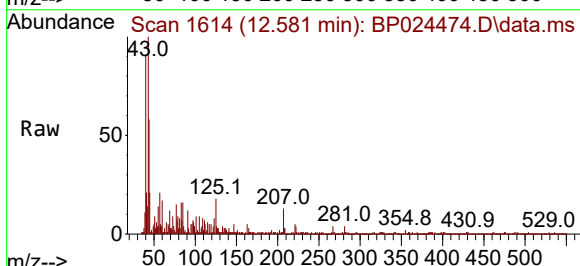
Instrument :
 BNA_P
 ClientSampleId :
 MH-D

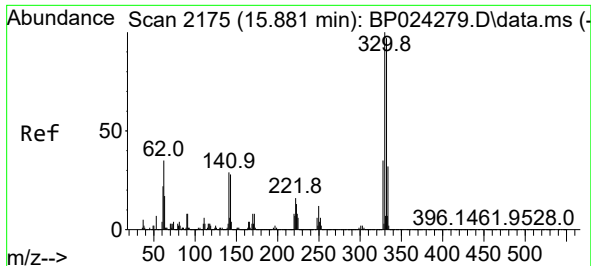
Tgt Ion:216	Resp:	41
Ion	Ratio	Lower Upper
216	100	
214	0.0	62.6 93.8#
179	0.0	17.2 25.8#
108	148.8	15.0 22.6#



#41
 Hexachlorocyclopentadiene
 Concen: 0.004 ng
 RT: 12.581 min Scan# 1614
 Delta R.T. 0.071 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

Tgt Ion:237	Resp:	11
Ion	Ratio	Lower Upper
237	100	
235	65.4	43.9 83.9
272	11.5	0.0 33.6

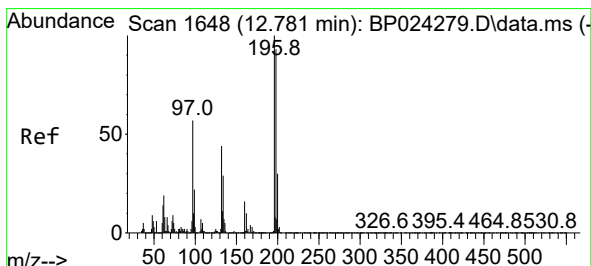
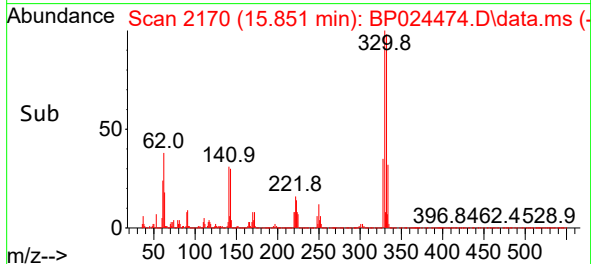
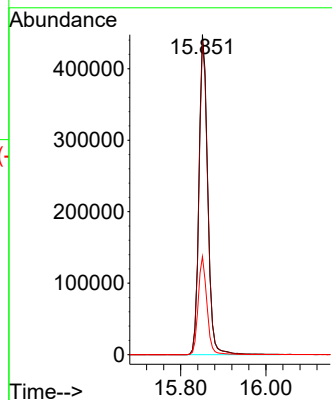
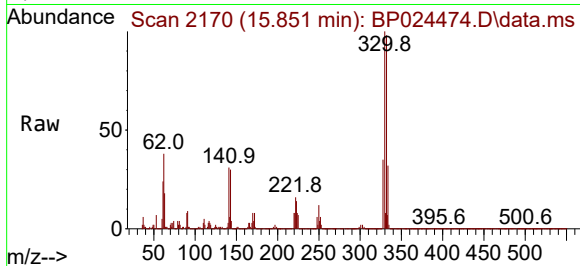




#42
2,4,6-Tribromophenol
Concen: 147.775 ng
RT: 15.851 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

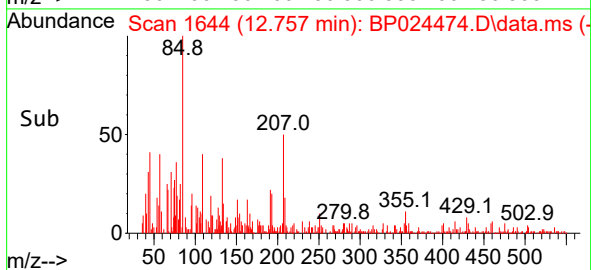
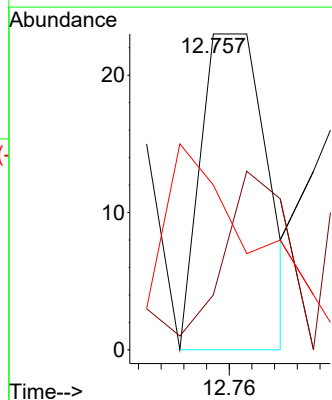
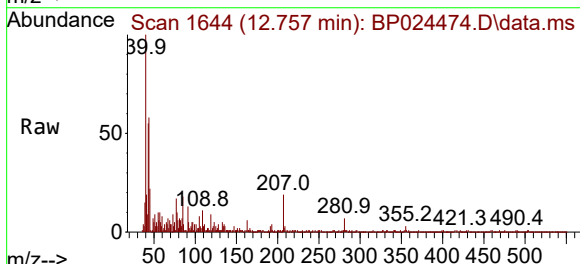
Instrument :
BNA_P
ClientSampleId :
MH-D

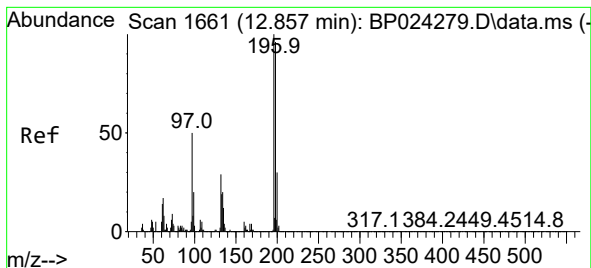
Tgt Ion:330 Resp: 639994
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 30.4 24.7 37.1



#43
2,4,6-Trichlorophenol
Concen: 0.003 ng
RT: 12.757 min Scan# 1644
Delta R.T. -0.018 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:196 Resp: 19
Ion Ratio Lower Upper
196 100
198 17.4 74.3 111.5#
200 52.2 24.0 36.0#





#44

2,4,5-Trichlorophenol

Concen: 0.002 ng

RT: 12.851 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

Tgt Ion:196 Resp: 14

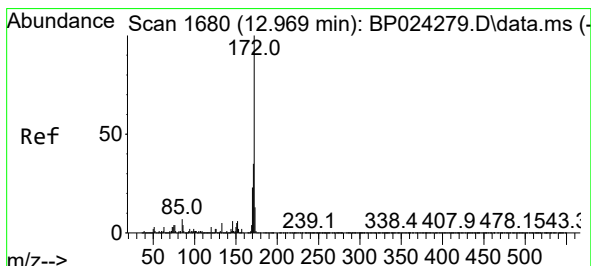
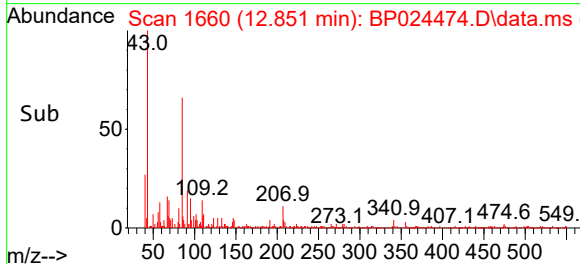
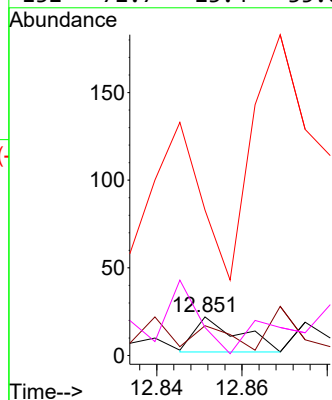
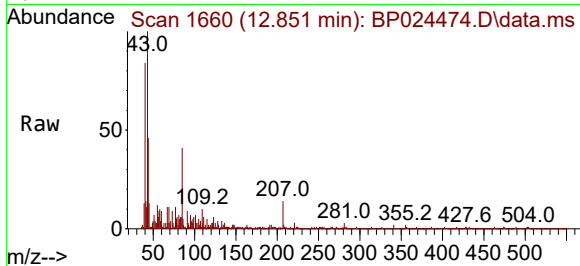
Ion Ratio Lower Upper

196 100

198 77.3 77.3 115.9#

97 377.3 40.4 60.6#

132 72.7 23.4 35.0#



#45

2-Fluorobiphenyl

Concen: 86.714 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

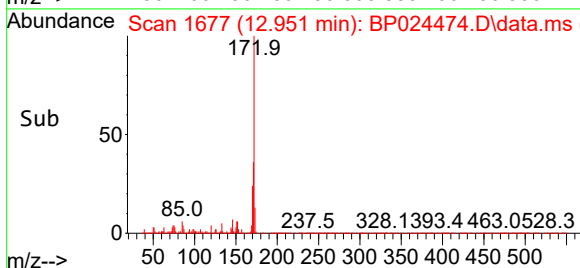
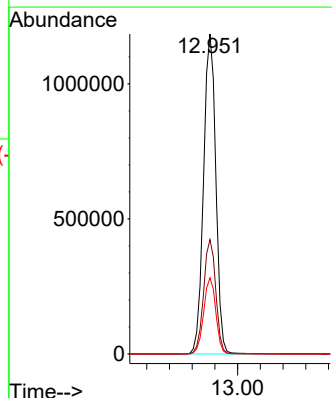
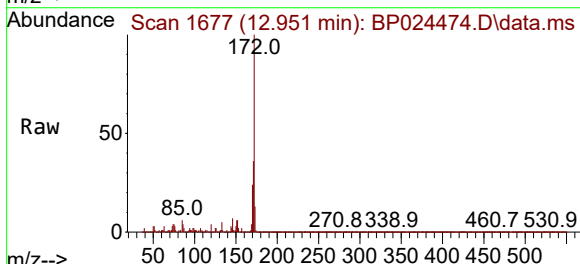
Tgt Ion:172 Resp: 1772803

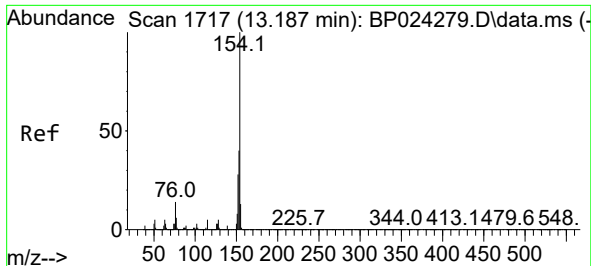
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.8 18.6 27.8

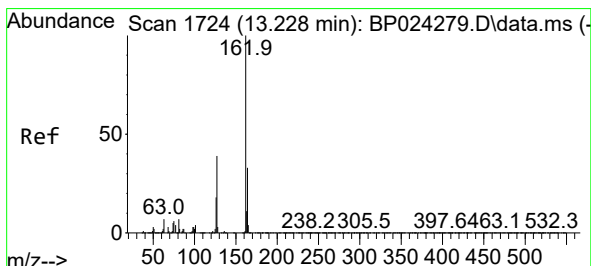
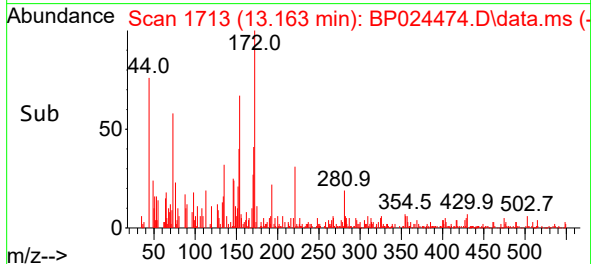
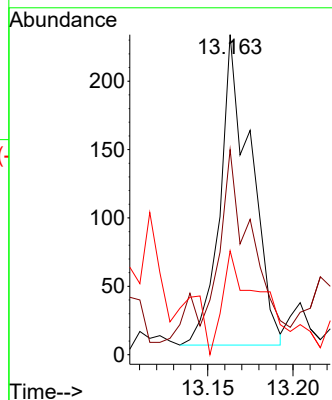
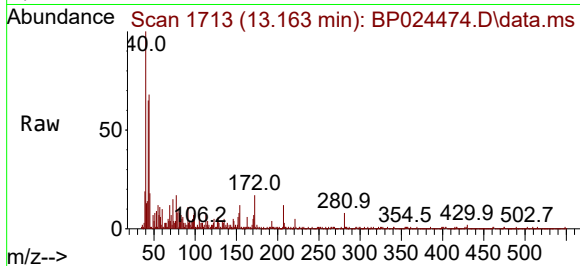




#46
1,1'-Biphenyl
Concen: 0.012 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

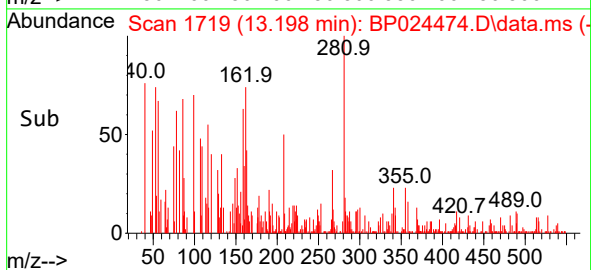
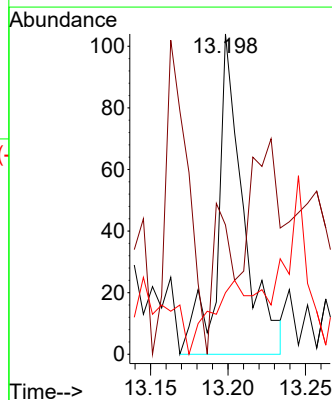
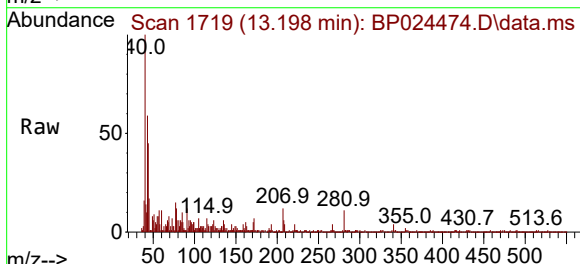
Instrument :
BNA_P
ClientSampleId :
MH-D

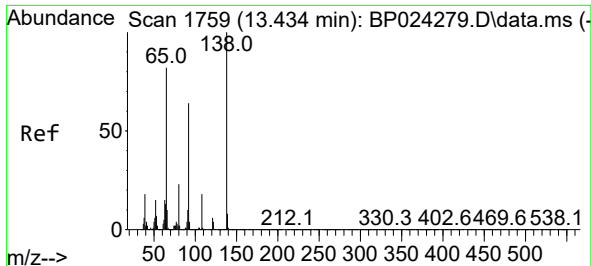
Tgt Ion:154 Resp: 285
Ion Ratio Lower Upper
154 100
153 64.1 20.3 60.3#
76 32.5 0.0 33.5



#47
2-Chloronaphthalene
Concen: 0.007 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.018 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:162 Resp: 119
Ion Ratio Lower Upper
162 100
127 40.4 31.9 47.9
164 19.2 26.2 39.4#

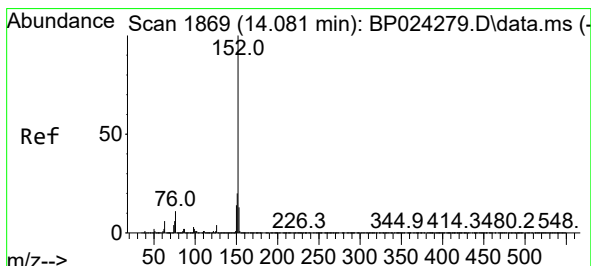
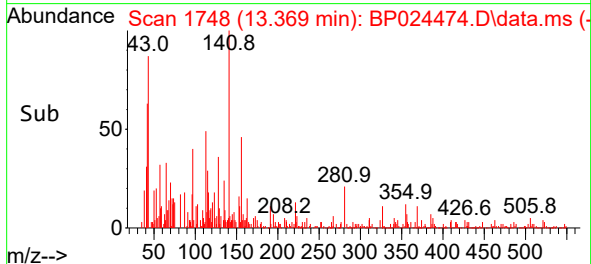
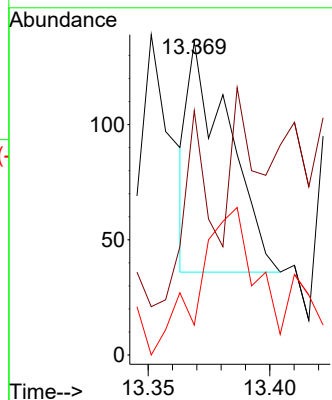
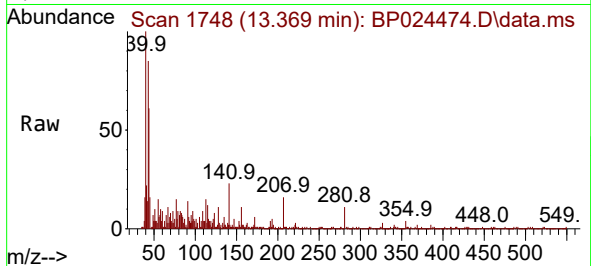




#48
2-Nitroaniline
Concen: 0.024 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.053 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

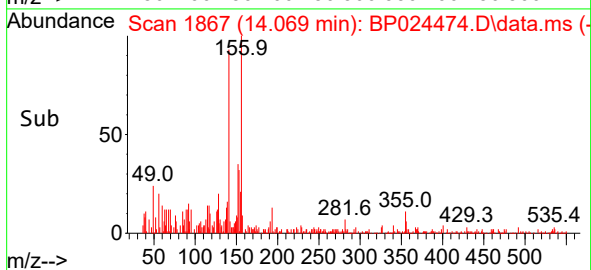
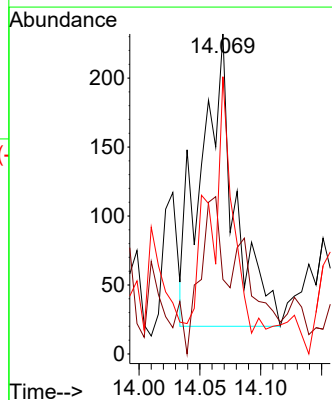
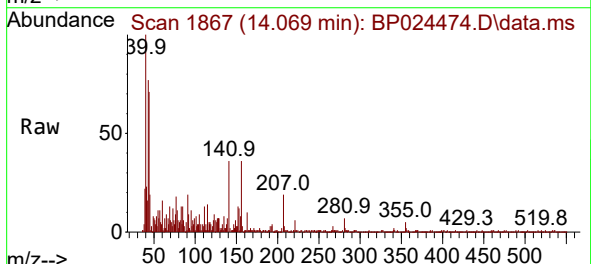
Instrument :
BNA_P
ClientSampleId :
MH-D

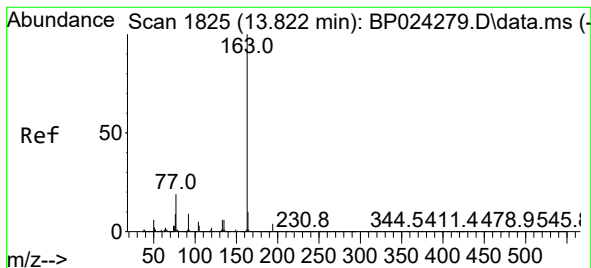
Tgt Ion: 65 Resp: 114
Ion Ratio Lower Upper
65 100
92 77.9 62.3 93.5
138 9.6 97.2 145.8#



#49
Acenaphthylene
Concen: 0.015 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion: 152 Resp: 408
Ion Ratio Lower Upper
152 100
151 23.3 15.9 23.9
153 90.1 10.6 15.8#





#50

Dimethylphthalate

Concen: 0.742 ng

RT: 13.798 min Scan# 1821

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

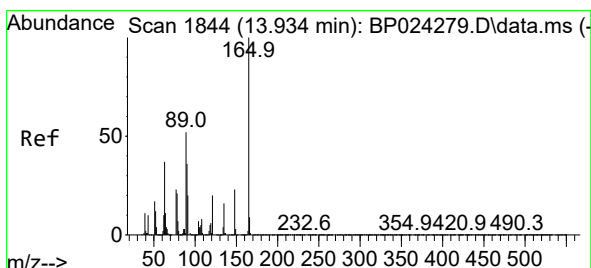
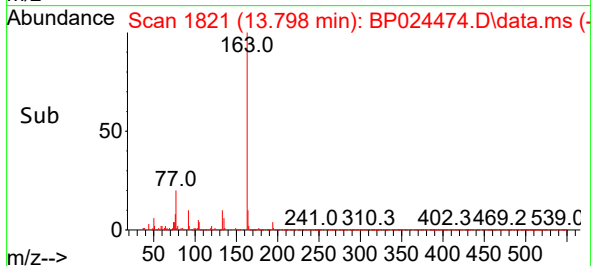
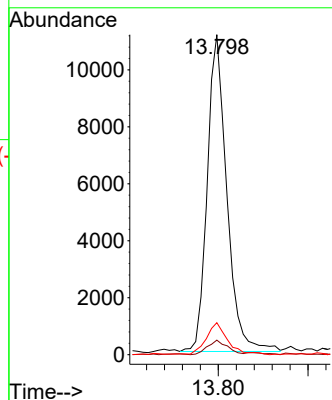
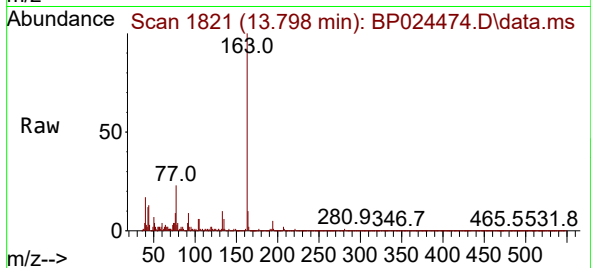
Tgt Ion:163 Resp: 16883

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.0 8.0 12.0



#51

2,6-Dinitrotoluene

Concen: 0.006 ng

RT: 13.922 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

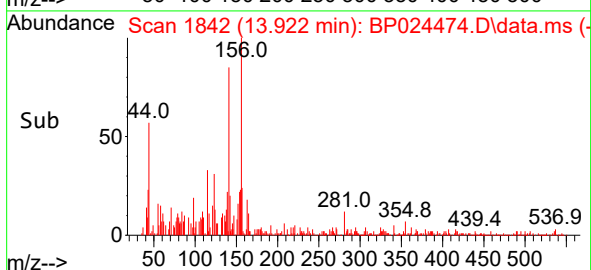
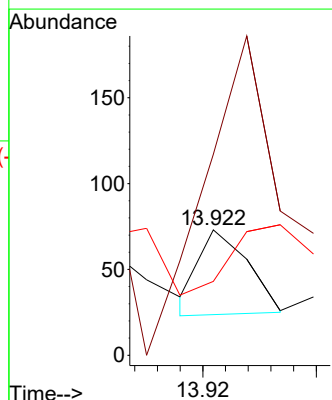
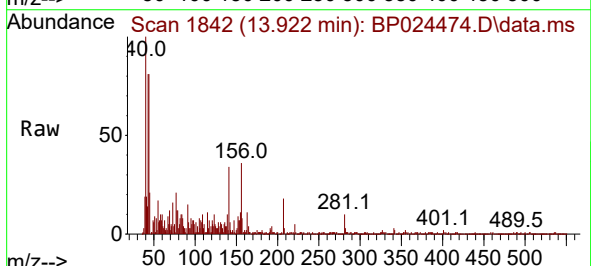
Tgt Ion:165 Resp: 29

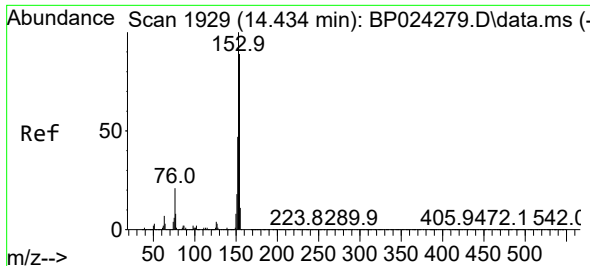
Ion Ratio Lower Upper

165 100

63 160.3 38.0 57.0#

89 58.9 41.7 62.5

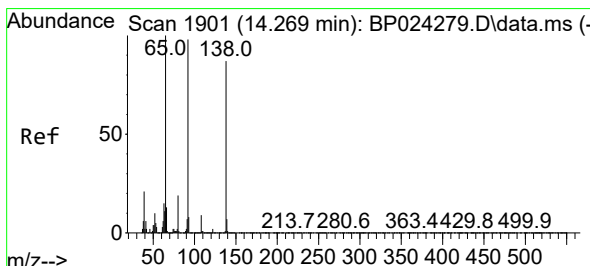
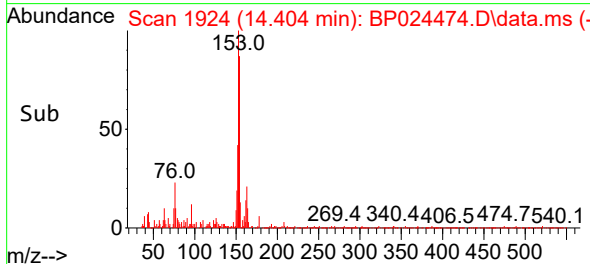
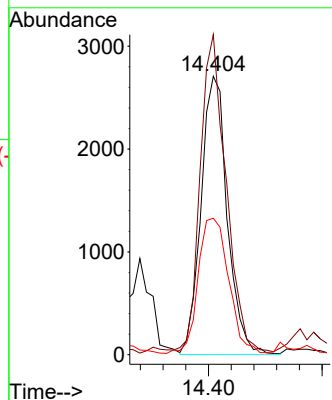
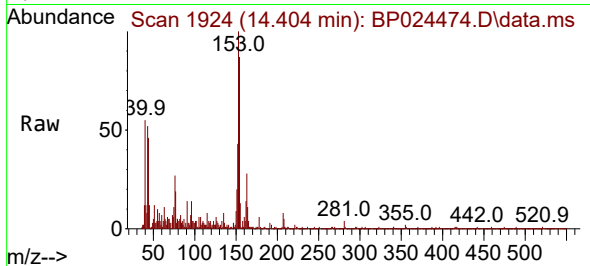




#52
Acenaphthene
Concen: 0.253 ng
RT: 14.404 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

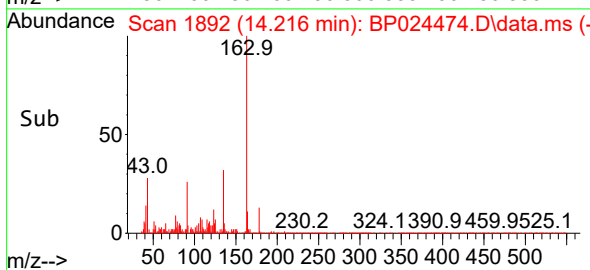
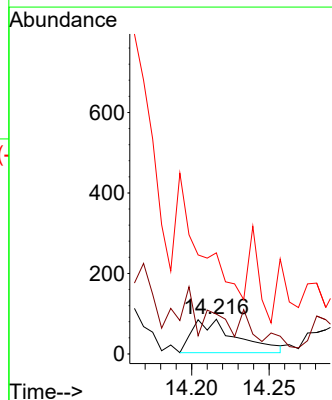
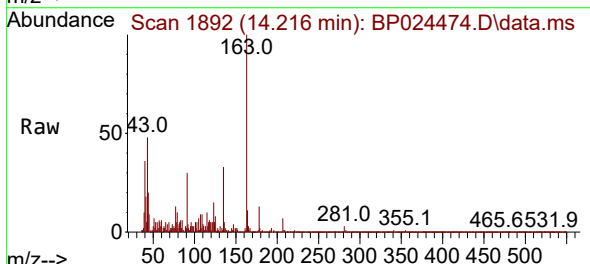
Instrument :
BNA_P
ClientSampleId :
MH-D

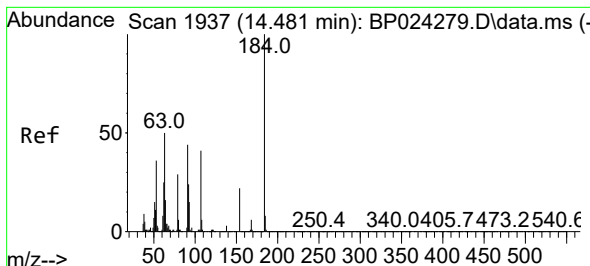
Tgt Ion:154 Resp: 4338
Ion Ratio Lower Upper
154 100
153 115.0 89.8 134.6
152 49.0 42.6 63.8



#53
3-Nitroaniline
Concen: 0.032 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.047 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:138 Resp: 164
Ion Ratio Lower Upper
138 100
108 115.1 8.3 12.5#
92 291.9 89.8 134.8#

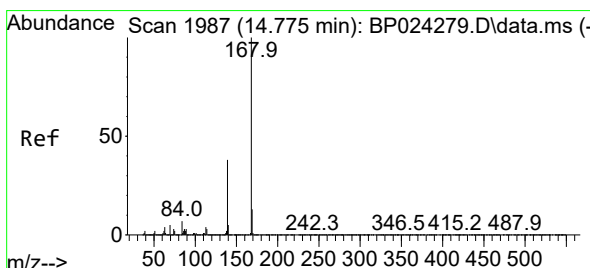
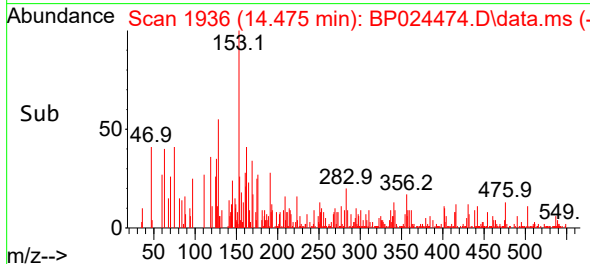
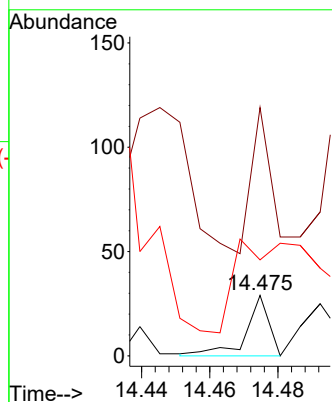
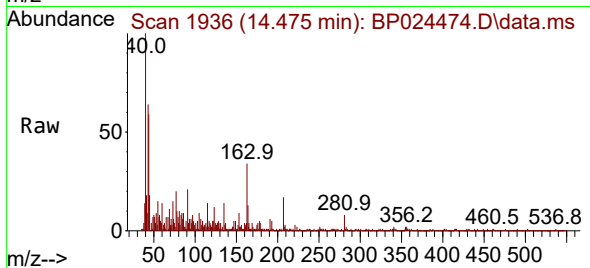




#54
2,4-Dinitrophenol
Concen: 0.005 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

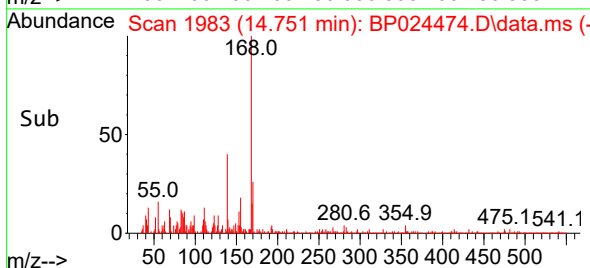
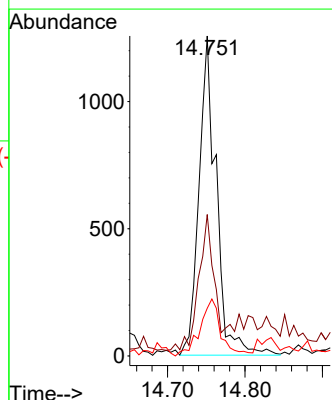
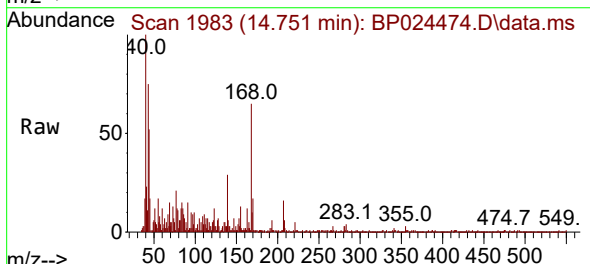
Instrument :
BNA_P
ClientSampleId :
MH-D

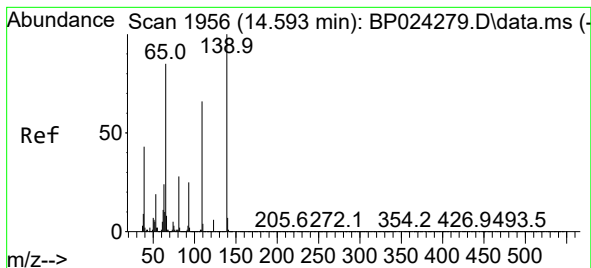
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 410.3 42.6 64.0#
154 158.6 47.2 70.8#



#55
Dibenzofuran
Concen: 0.069 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:168 Resp: 1948
Ion Ratio Lower Upper
168 100
139 44.2 30.3 45.5
169 14.9 10.6 16.0

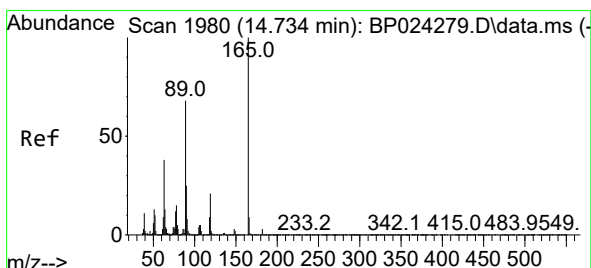
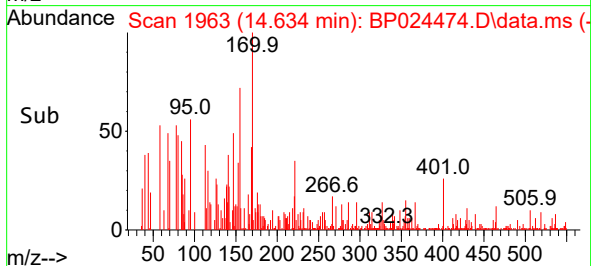
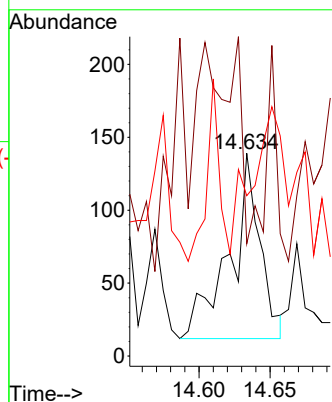
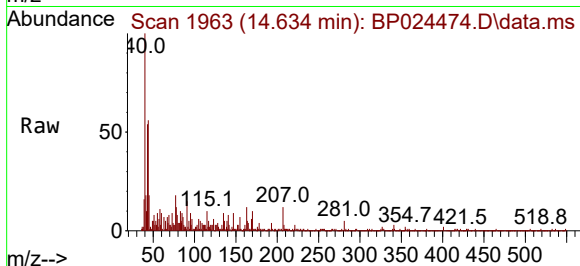




#56
4-Nitrophenol
Concen: 0.043 ng
RT: 14.634 min Scan# 1956
Delta R.T. 0.041 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

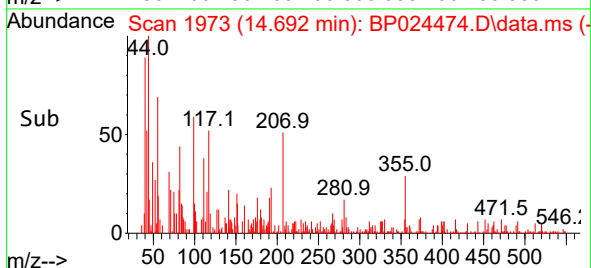
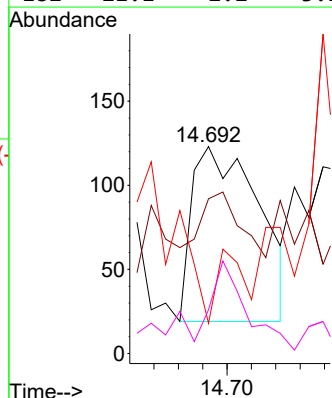
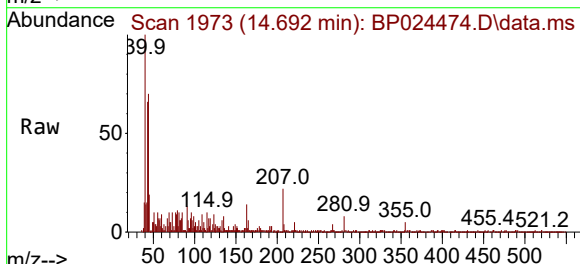
Instrument :
BNA_P
ClientSampleId :
MH-D

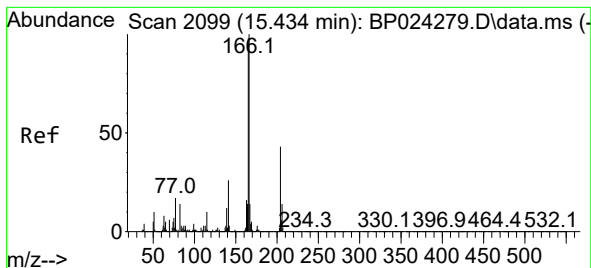
Tgt Ion:139 Resp: 188
Ion Ratio Lower Upper
139 100
109 55.4 46.1 86.1
65 79.1 65.0 105.0



#57
2,4-Dinitrotoluene
Concen: 0.030 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.029 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:165 Resp: 198
Ion Ratio Lower Upper
165 100
63 74.8 30.4 45.6#
89 14.6 54.6 82.0#
182 21.1 2.2 3.2#





#58

Fluorene

Concen: 0.323 ng

RT: 15.410 min Scan# 2099

Delta R.T. -0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

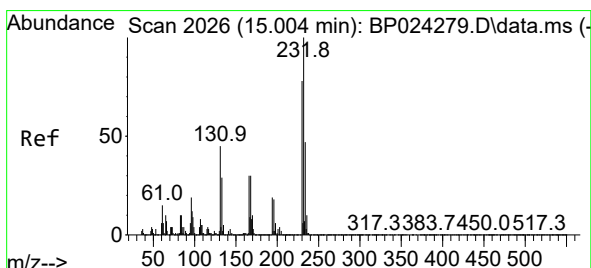
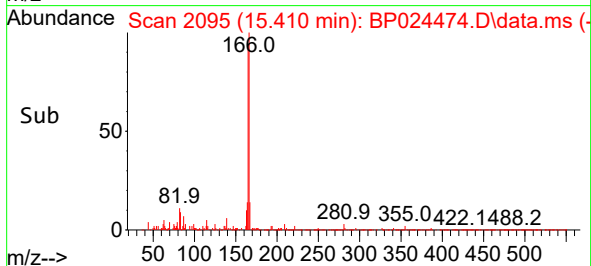
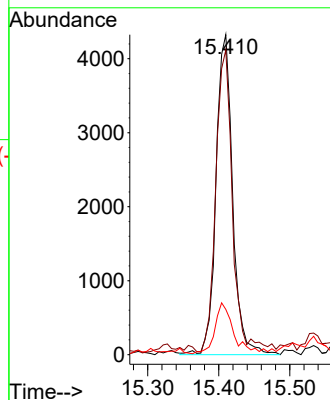
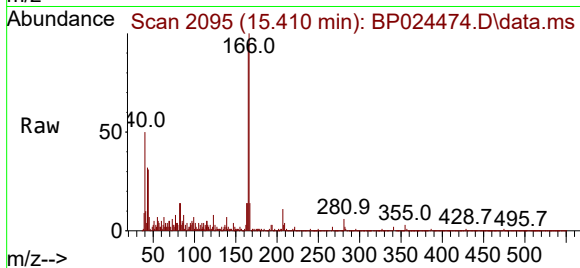
Tgt Ion:166 Resp: 7013

Ion Ratio Lower Upper

166 100

165 95.2 78.1 117.1

167 14.1 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.002 ng

RT: 14.975 min Scan# 2021

Delta R.T. -0.018 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Tgt Ion:232 Resp: 12

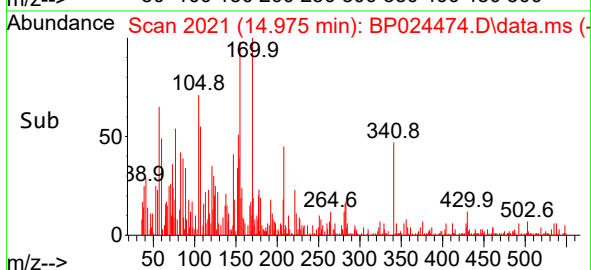
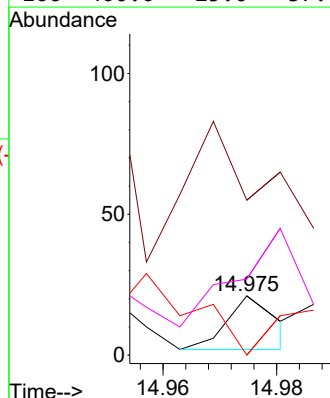
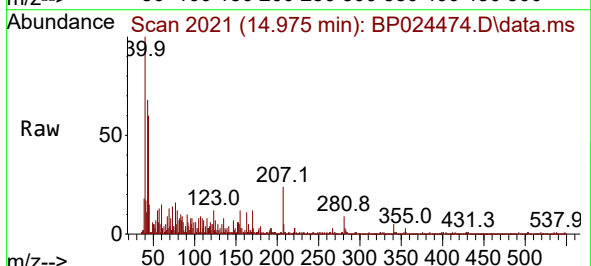
Ion Ratio Lower Upper

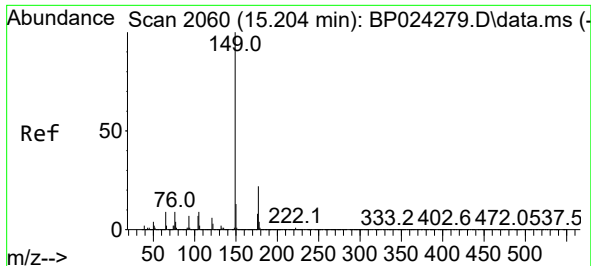
232 100

131 241.7 36.8 55.2#

130 0.0 1.9 2.9#

166 400.0 25.0 37.6#

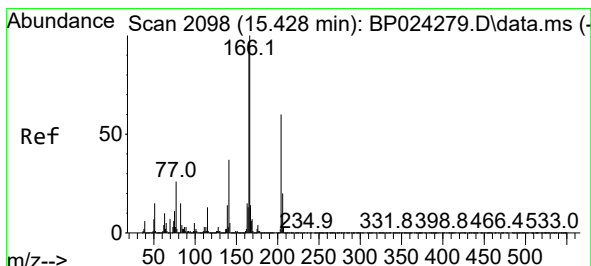
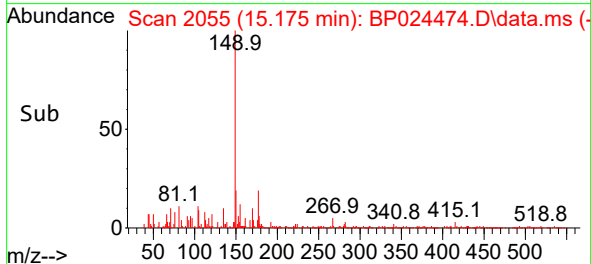
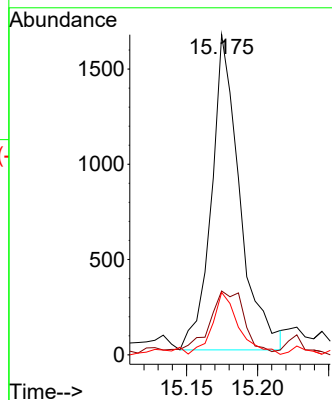
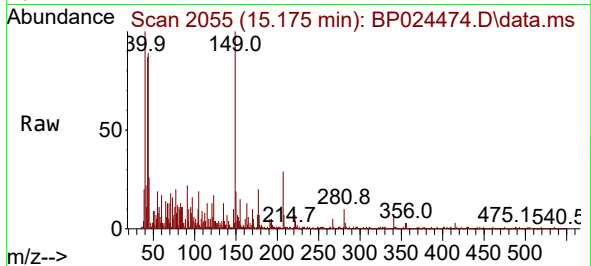




#60
Diethylphthalate
Concen: 0.098 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

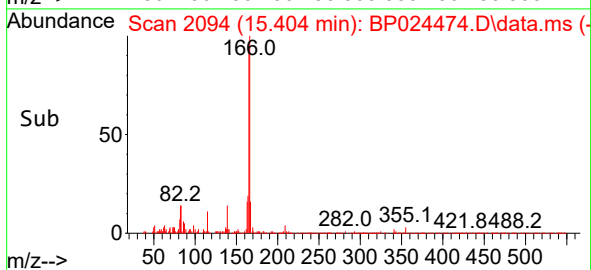
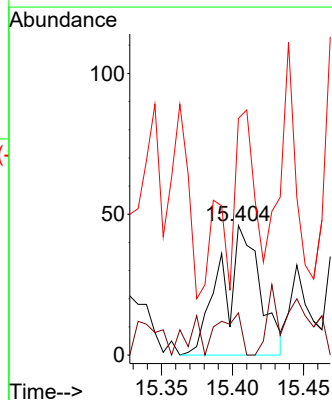
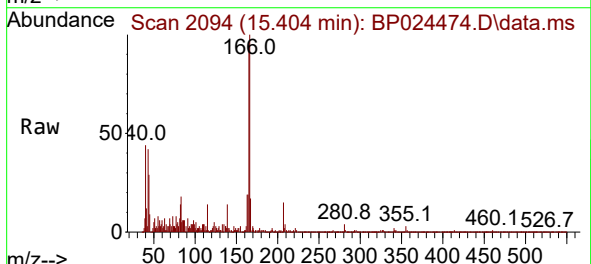
Instrument :
BNA_P
ClientSampleId :
MH-D

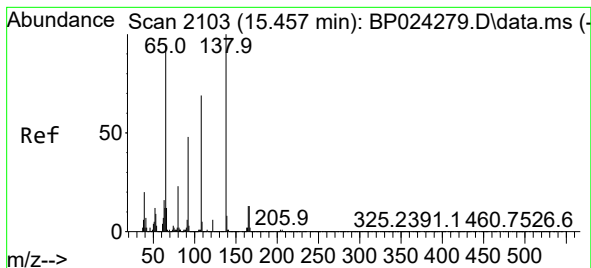
Tgt Ion:149 Resp: 2296
Ion Ratio Lower Upper
149 100
177 19.9 17.4 26.2
150 19.5 10.1 15.1#



#61
4-Chlorophenyl-phenylether
Concen: 0.008 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:204 Resp: 87
Ion Ratio Lower Upper
204 100
206 30.0 26.5 39.7
141 168.0 49.4 74.0#





#62

4-Nitroaniline

Concen: 0.032 ng

RT: 15.398 min Scan# 2093

Delta R.T. -0.041 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

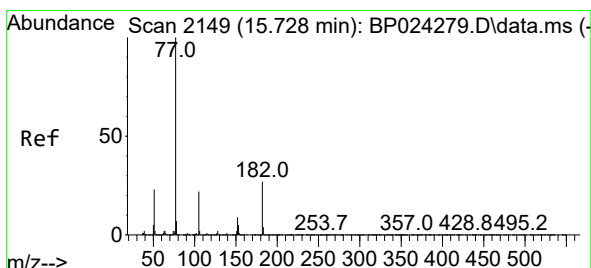
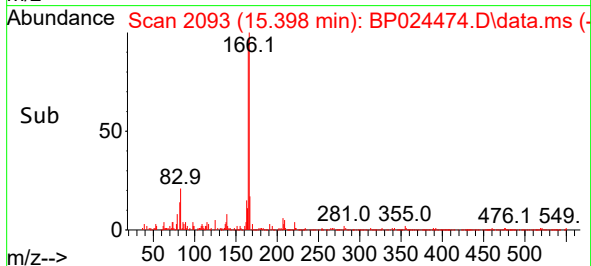
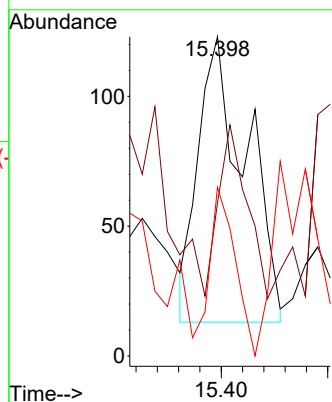
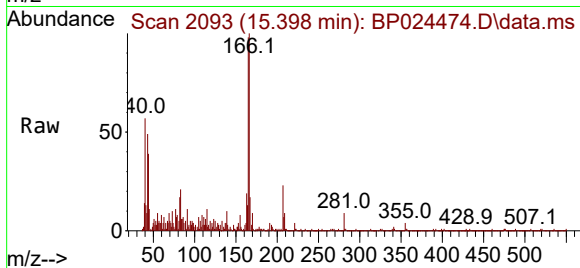
Tgt Ion:138 Resp: 171

Ion Ratio Lower Upper

138 100

92 48.0 27.8 67.8

108 52.8 48.9 88.9



#63

Azobenzene

Concen: 0.029 ng

RT: 15.722 min Scan# 2148

Delta R.T. 0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Tgt Ion: 77 Resp: 617

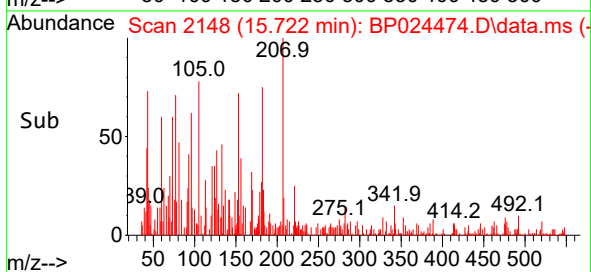
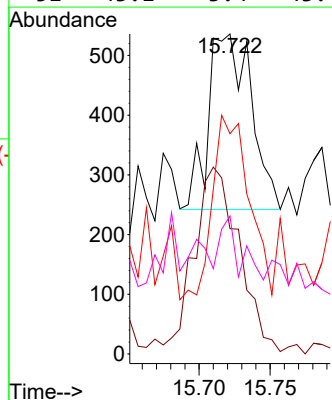
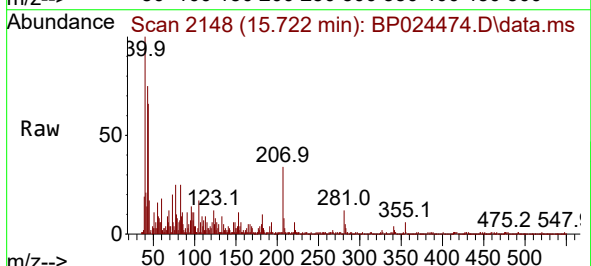
Ion Ratio Lower Upper

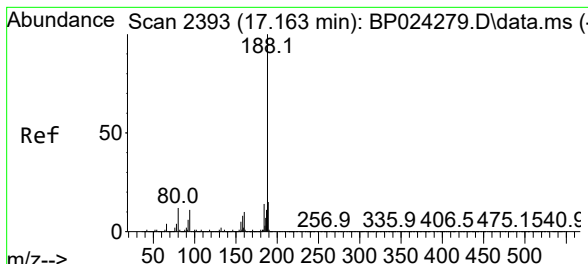
77 100

182 51.1 7.3 47.3#

105 68.8 2.3 42.3#

51 43.1 3.4 43.4

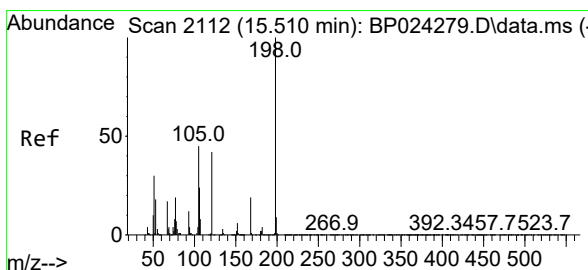
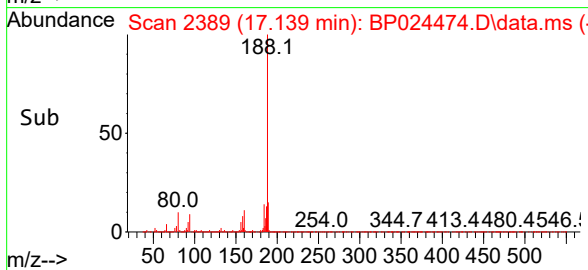
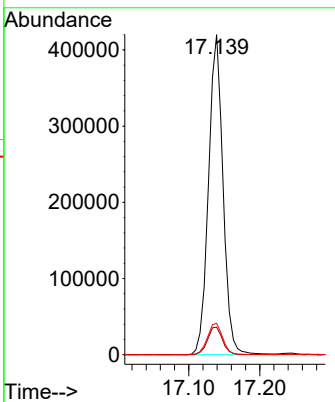
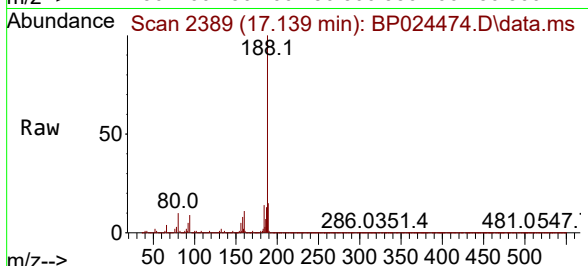




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.139 min Scan# 2105
 Delta R.T. -0.006 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

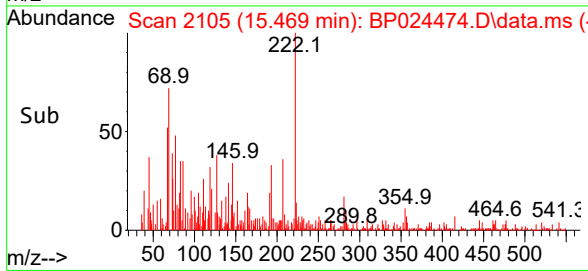
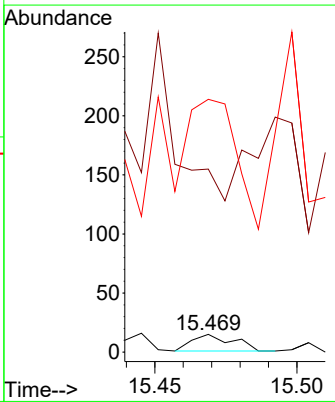
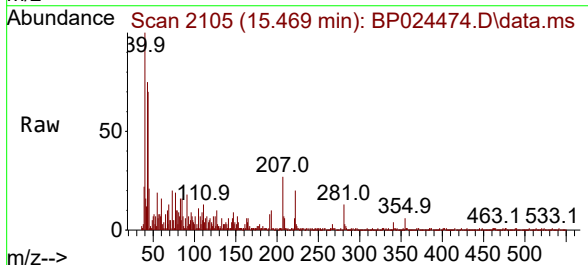
Instrument :
 BNA_P
 ClientSampleId :
 MH-D

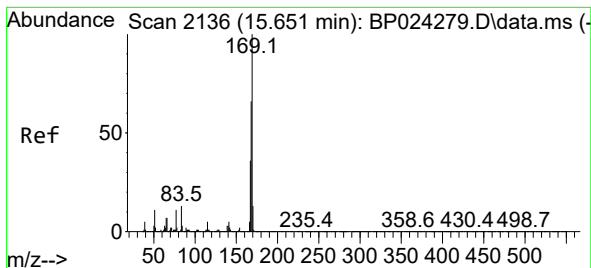
Tgt Ion:	188	Resp:	595191
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.6	13.0#
80	9.8	9.8	14.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.004 ng
 RT: 15.469 min Scan# 2105
 Delta R.T. -0.029 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

Tgt Ion:	198	Resp:	14
Ion Ratio	Lower	Upper	
198	100		
51	1033.3	18.4	58.4#
105	1426.7	26.5	66.5#





#66

n-Nitrosodiphenylamine

Concen: 1.009 ng

RT: 15.851 min Scan# 21

Delta R.T. 0.224 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

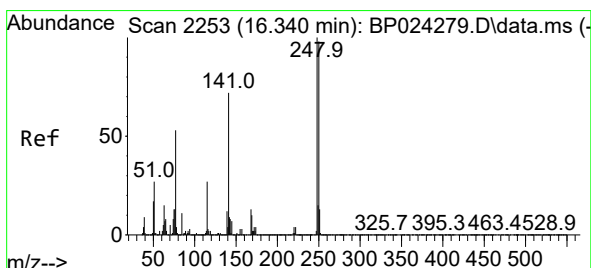
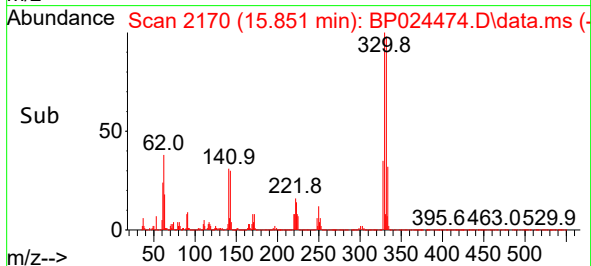
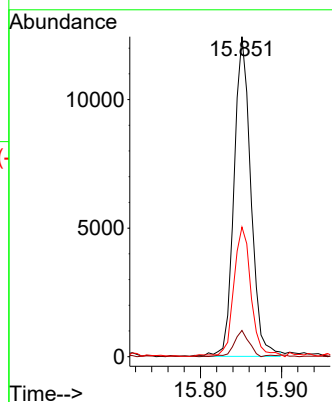
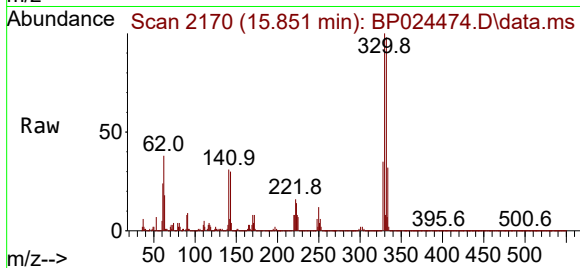
Tgt Ion:169 Resp: 17923

Ion Ratio Lower Upper

169 100

168 8.2 53.0 79.4#

167 40.5 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 0.005 ng

RT: 16.310 min Scan# 2248

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

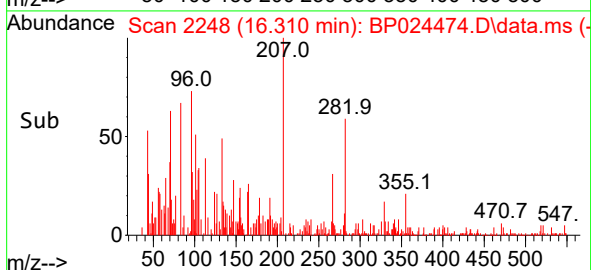
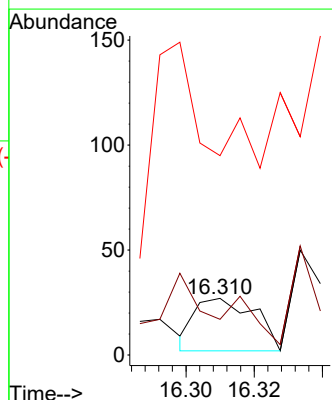
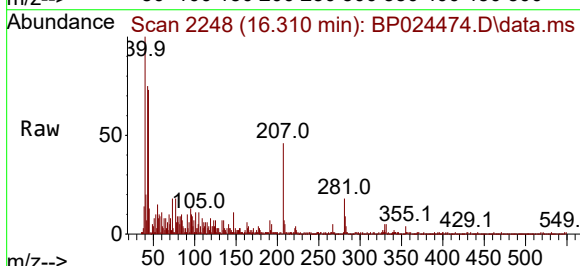
Tgt Ion:248 Resp: 30

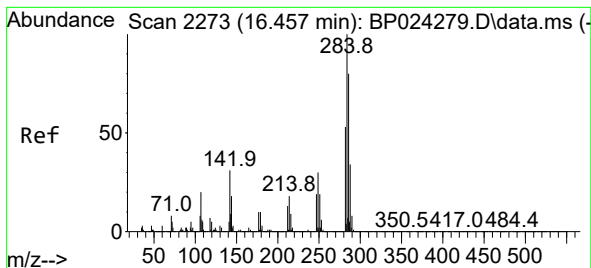
Ion Ratio Lower Upper

248 100

250 63.0 78.2 117.4#

141 351.9 57.7 86.5#





#68

Hexachlorobenzene

Concen: 0.009 ng

RT: 16.416 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

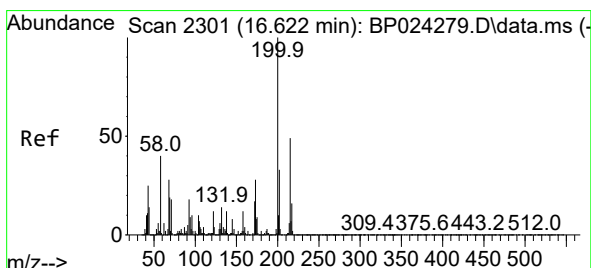
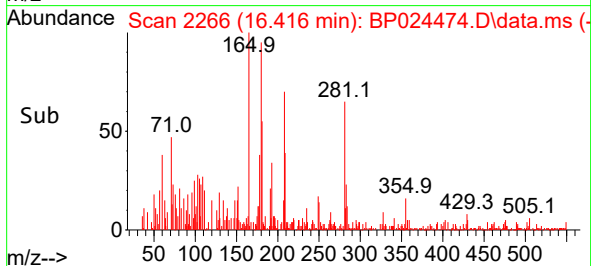
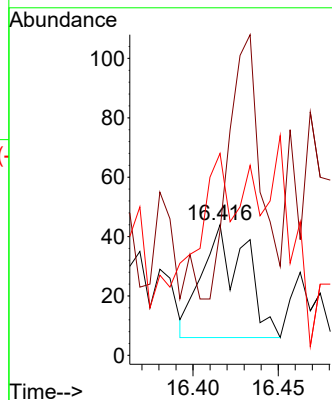
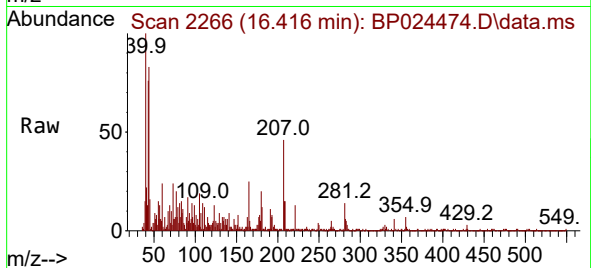
Tgt Ion:284 Resp: 67

Ion Ratio Lower Upper

284 100

142 95.5 24.6 37.0#

249 154.5 23.8 35.6#



#69

Atrazine

Concen: 0.005 ng

RT: 16.675 min Scan# 2310

Delta R.T. 0.065 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

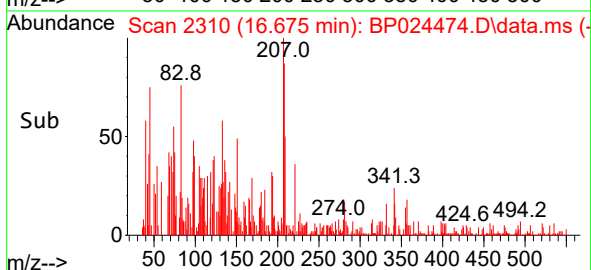
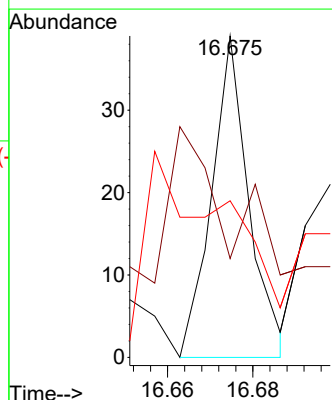
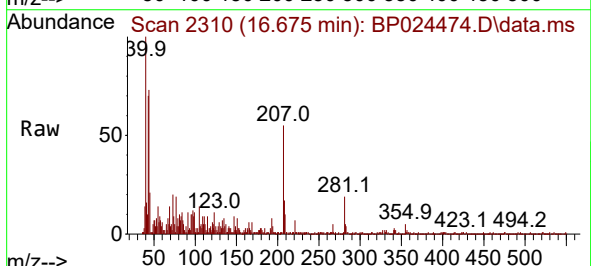
Tgt Ion:200 Resp: 24

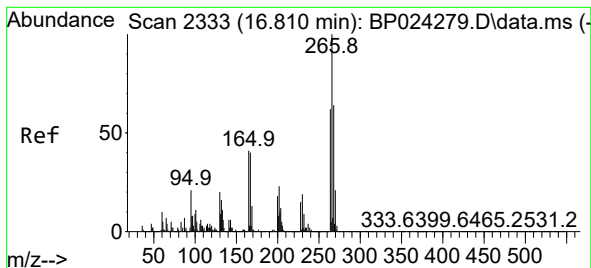
Ion Ratio Lower Upper

200 100

173 30.8 7.5 47.5

215 48.7 28.8 68.8





#70

Pentachlorophenol

Concen: 0.012 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.106 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

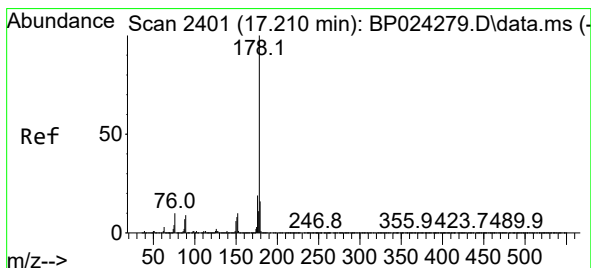
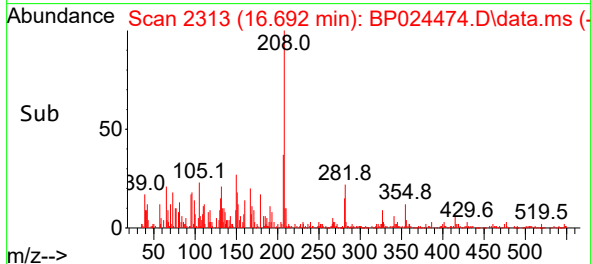
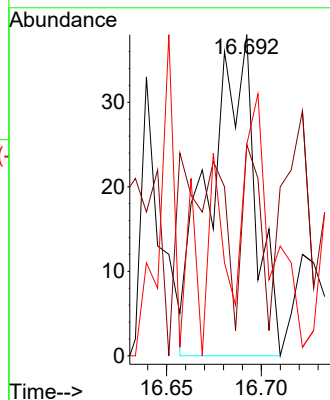
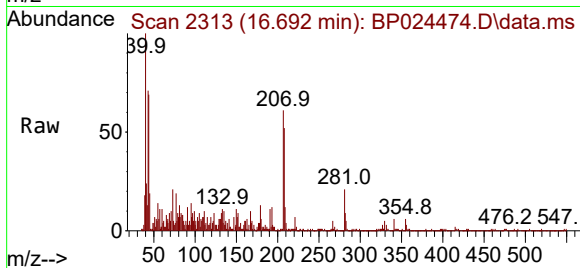
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 65.8 51.0 76.6

264 65.8 49.8 74.6



#71

Phenanthrene

Concen: 0.499 ng

RT: 17.180 min Scan# 2396

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

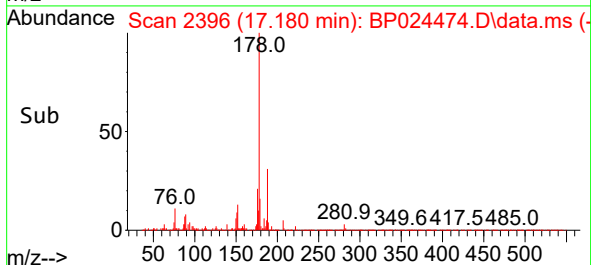
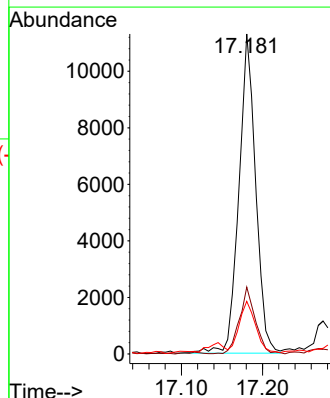
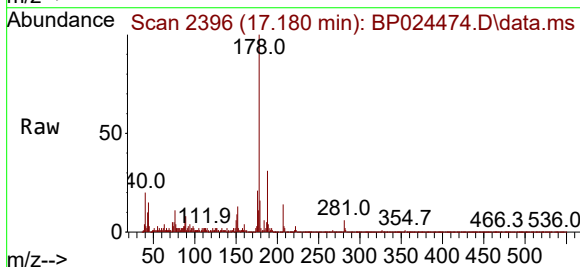
Tgt Ion:178 Resp: 16198

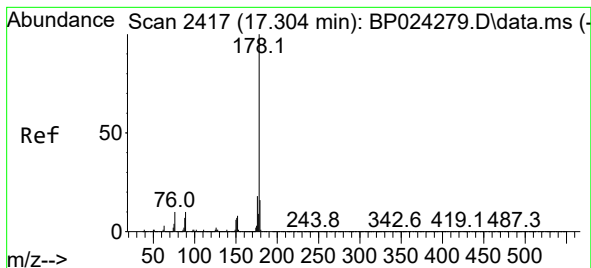
Ion Ratio Lower Upper

178 100

176 20.9 15.4 23.0

179 16.4 12.5 18.7





#72

Anthracene

Concen: 0.518 ng

RT: 17.180 min Scan# 2417

Delta R.T. -0.106 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

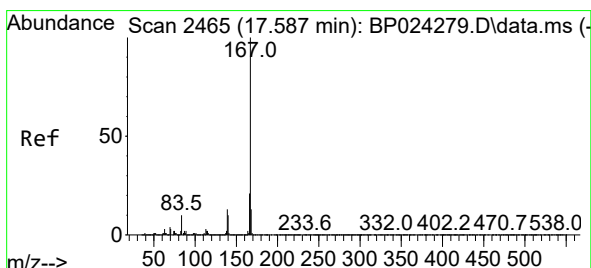
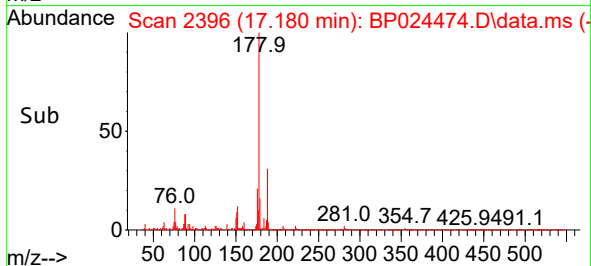
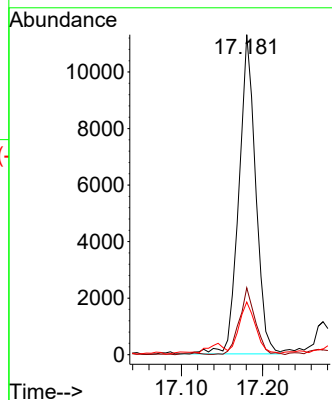
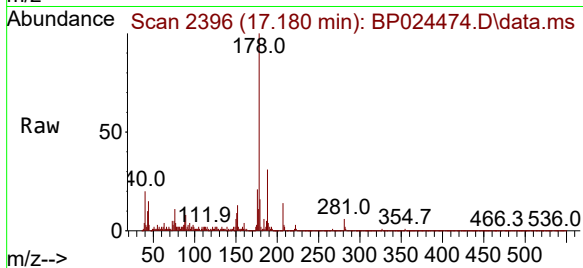
Tgt Ion:178 Resp: 16198

Ion Ratio Lower Upper

178 100

176 20.9 14.7 22.1

179 16.4 12.4 18.6



#73

Carbazole

Concen: 0.034 ng

RT: 17.575 min Scan# 2463

Delta R.T. 0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

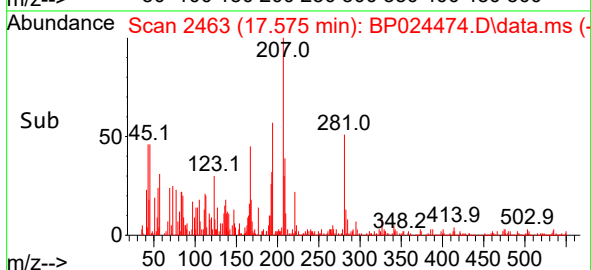
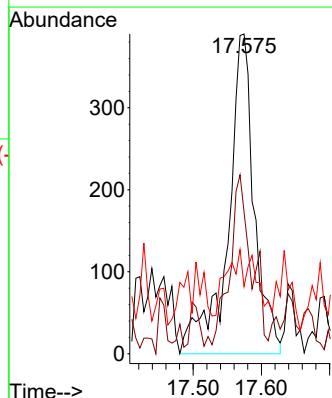
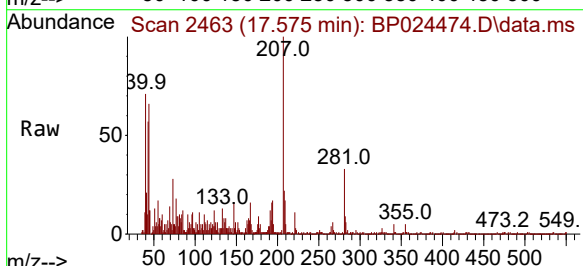
Tgt Ion:167 Resp: 1044

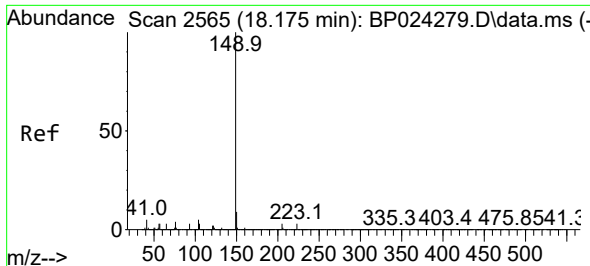
Ion Ratio Lower Upper

167 100

166 44.4 17.1 25.7#

139 21.0 10.6 16.0#

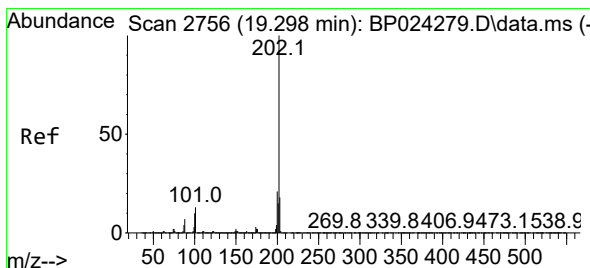
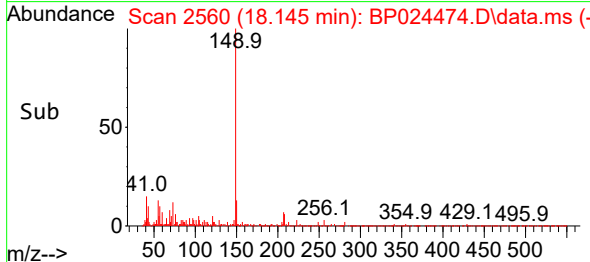
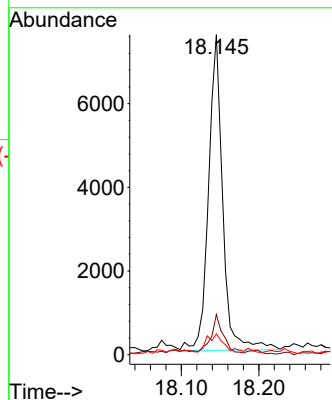
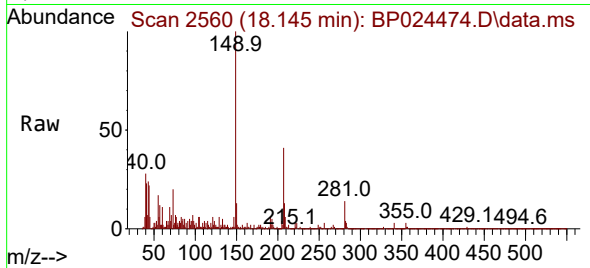




#74
Di-n-butylphthalate
Concen: 0.252 ng
RT: 18.145 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

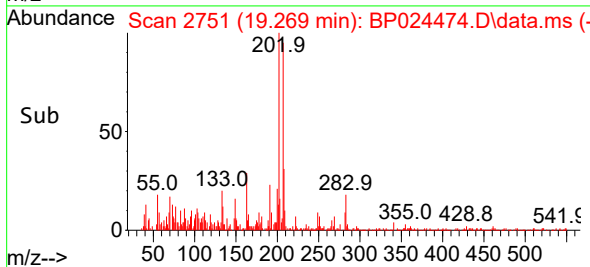
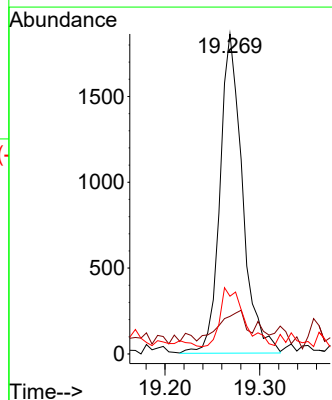
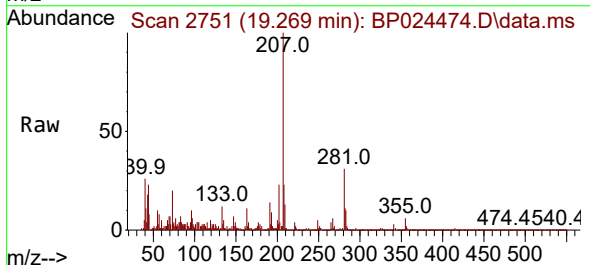
Instrument :
BNA_P
ClientSampleId :
MH-D

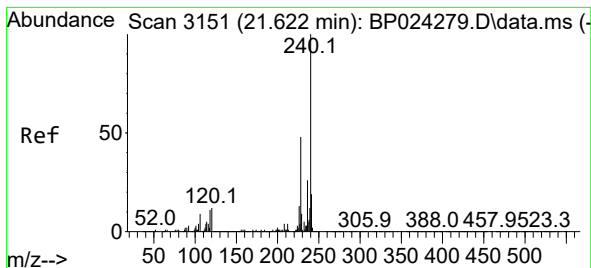
Tgt Ion:149 Resp: 9583
Ion Ratio Lower Upper
149 100
150 12.5 7.4 11.2#
104 6.5 3.9 5.9#



#75
Fluoranthene
Concen: 0.079 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BP024474.D
Acq: 30 Apr 2025 15:26

Tgt Ion:202 Resp: 3062
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.2
203 18.0 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

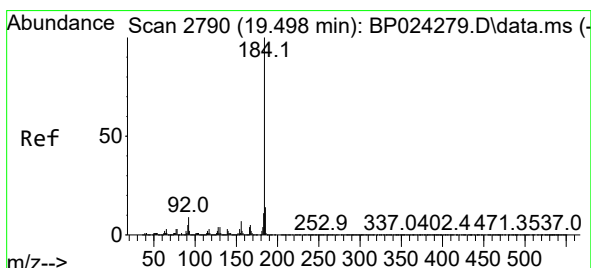
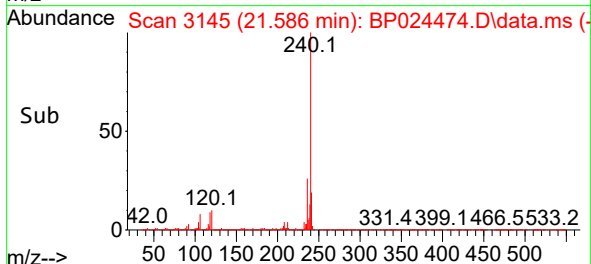
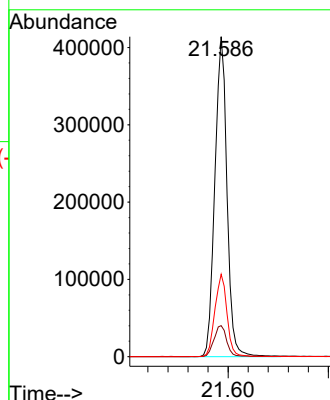
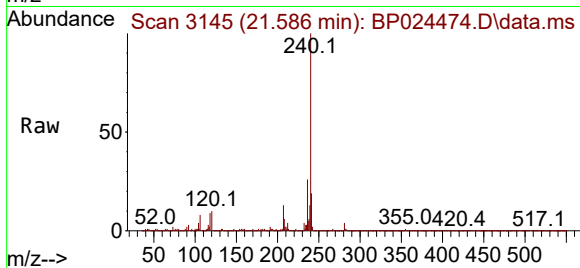
Tgt Ion:240 Resp: 692734

Ion Ratio Lower Upper

240 100

120 9.7 9.8 14.8#

236 25.8 20.9 31.3



#77

Benzidine

Concen: 0.009 ng

RT: 19.457 min Scan# 2783

Delta R.T. -0.024 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

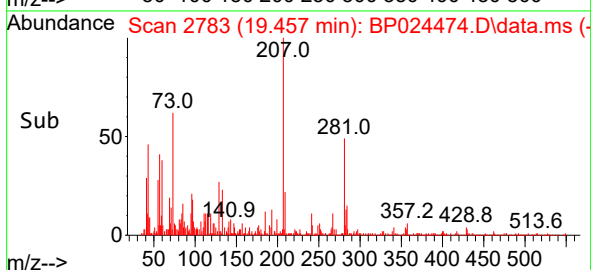
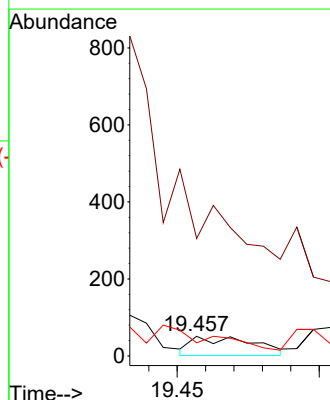
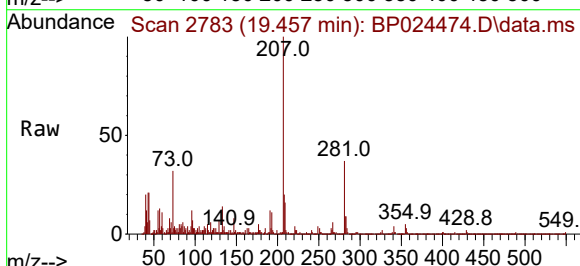
Tgt Ion:184 Resp: 75

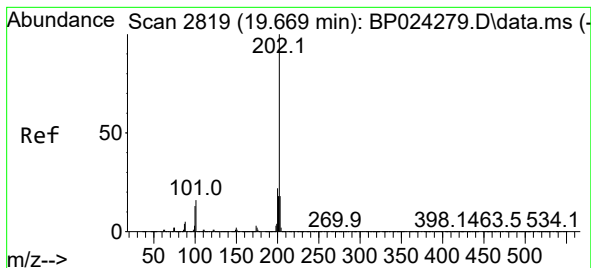
Ion Ratio Lower Upper

184 100

185 598.0 11.6 17.4#

183 66.7 9.2 13.8#





#78

Pyrene

Concen: 0.084 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

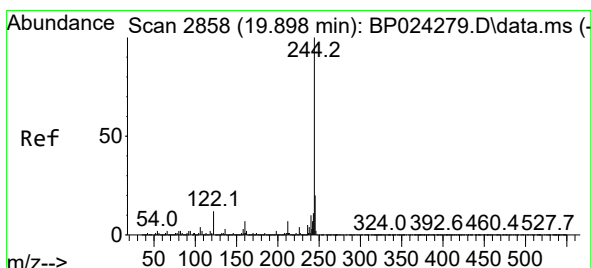
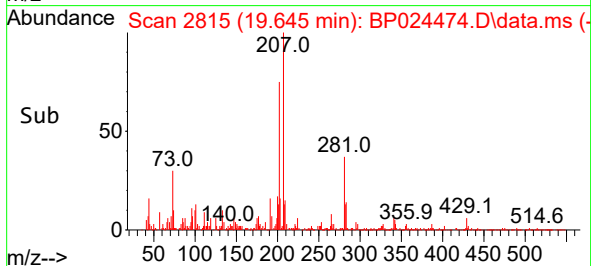
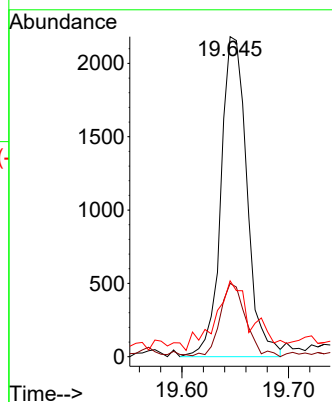
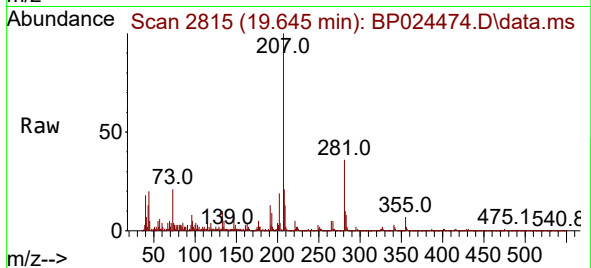
Tgt Ion:202 Resp: 3699

Ion Ratio Lower Upper

202 100

200 22.9 17.2 25.8

203 23.7 14.4 21.6#



#79

Terphenyl-d14

Concen: 88.452 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

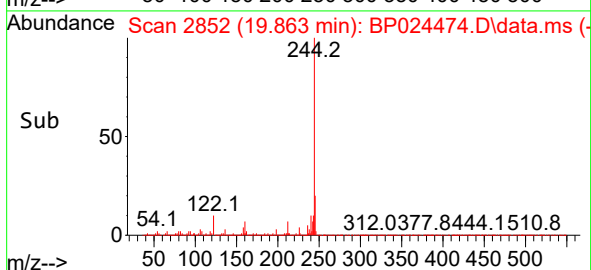
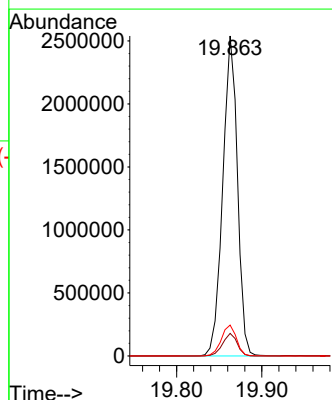
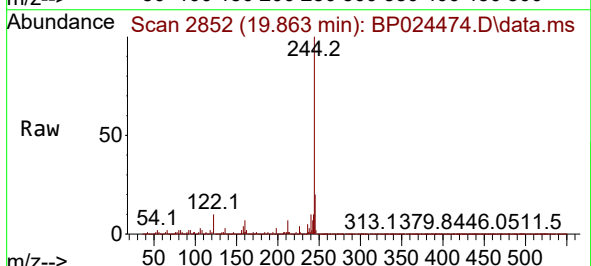
Tgt Ion:244 Resp: 3039923

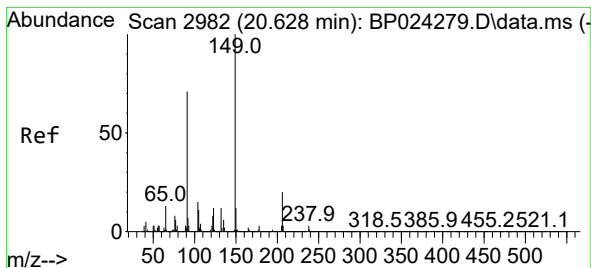
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.6 9.4 14.0





#80

Butylbenzylphthalate

Concen: 0.031 ng

RT: 20.598 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

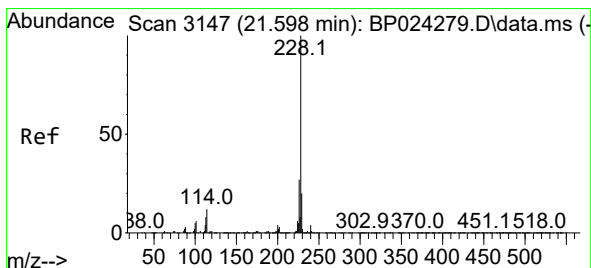
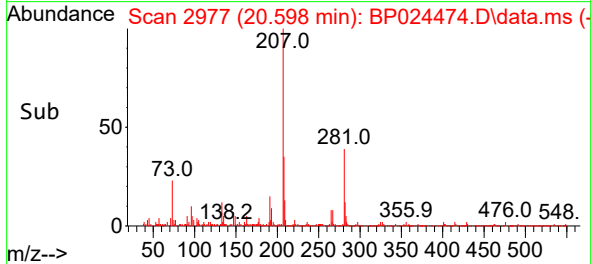
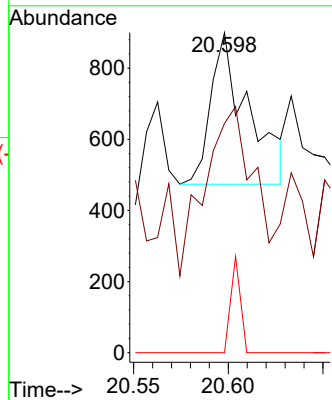
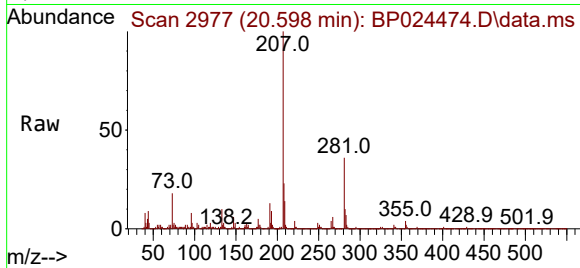
Tgt Ion:149 Resp: 583

Ion Ratio Lower Upper

149 100

91 61.9 56.4 84.6

206 0.0 16.3 24.5#



#81

Benzo(a)anthracene

Concen: 0.060 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

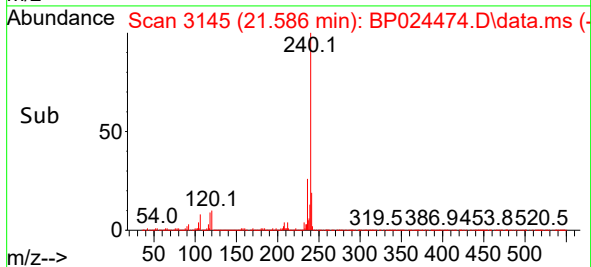
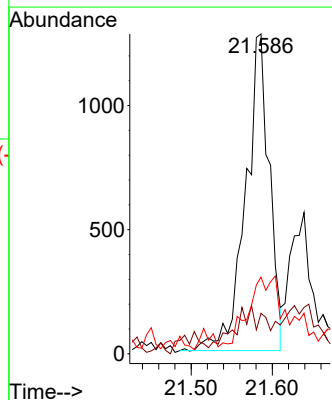
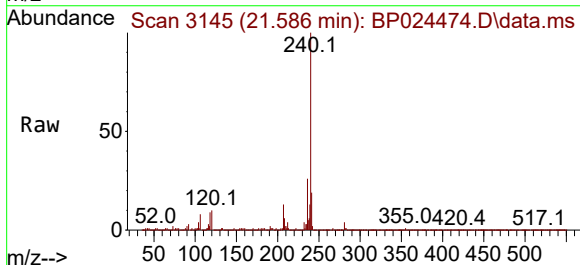
Tgt Ion:228 Resp: 2602

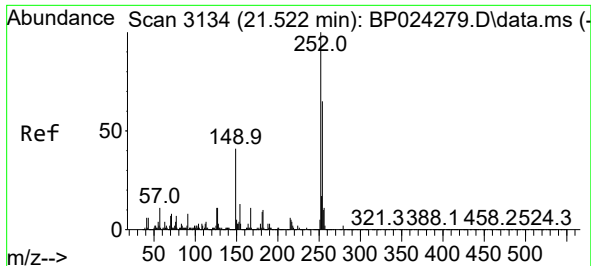
Ion Ratio Lower Upper

228 100

226 12.7 21.8 32.8#

229 24.0 15.9 23.9#

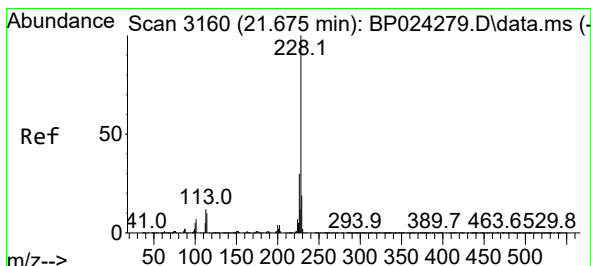
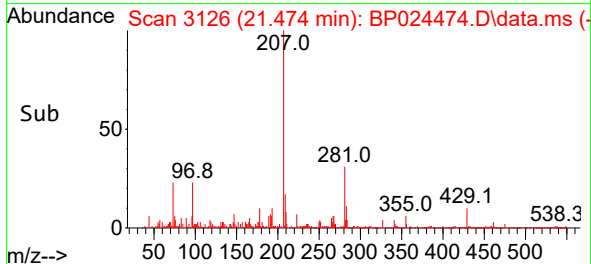
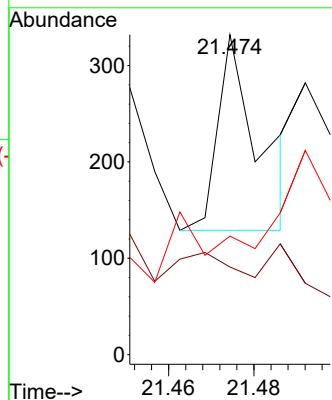
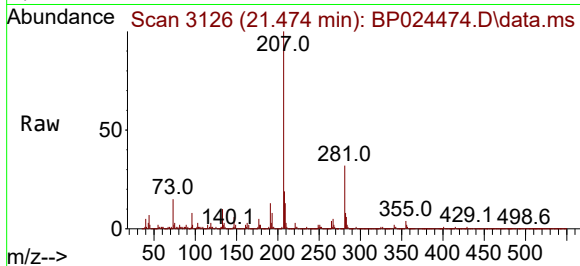




#82
 3,3'-Dichlorobenzidine
 Concen: 0.009 ng
 RT: 21.474 min Scan# 3126
 Delta R.T. -0.018 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

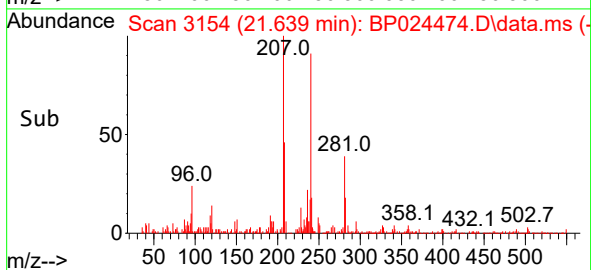
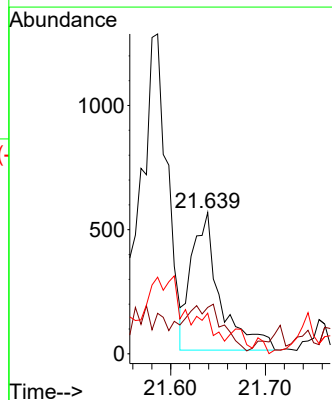
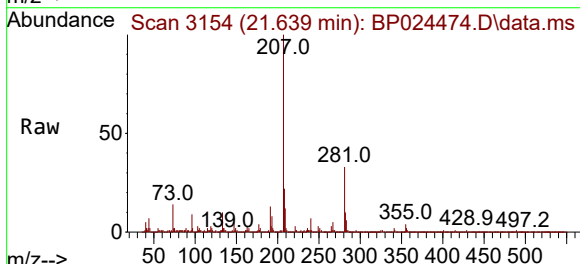
Instrument :
 BNA_P
 ClientSampleId :
 MH-D

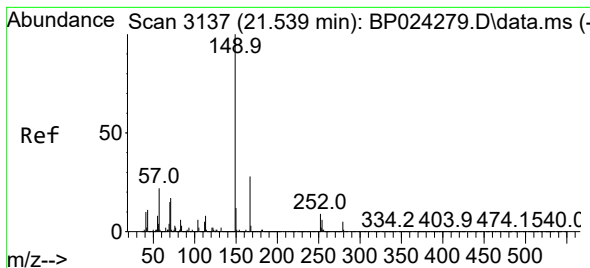
Tgt Ion:252 Resp: 136
 Ion Ratio Lower Upper
 252 100
 254 27.4 51.7 77.5#
 126 37.0 8.8 13.2#



#83
 Chrysene
 Concen: 0.028 ng
 RT: 21.639 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

Tgt Ion:228 Resp: 1162
 Ion Ratio Lower Upper
 228 100
 226 32.9 24.2 36.2
 229 28.8 15.6 23.4#

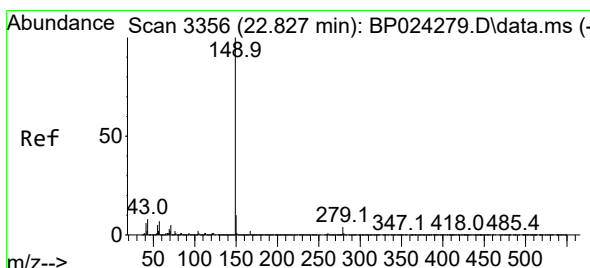
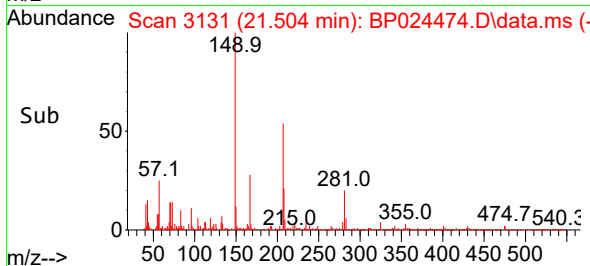
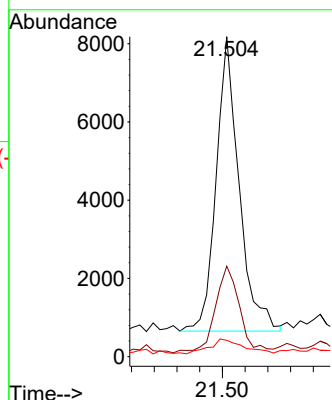
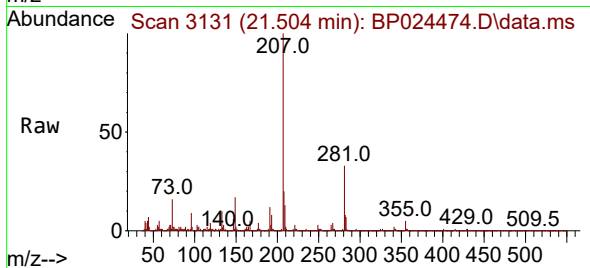




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.382 ng
 RT: 21.504 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

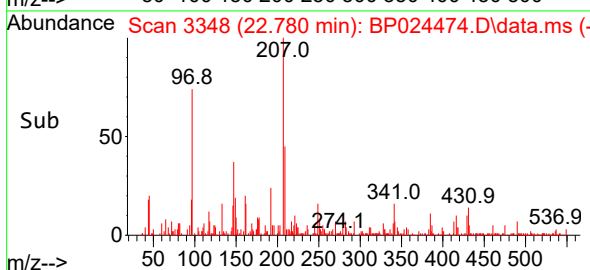
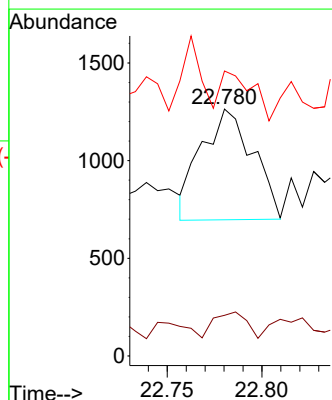
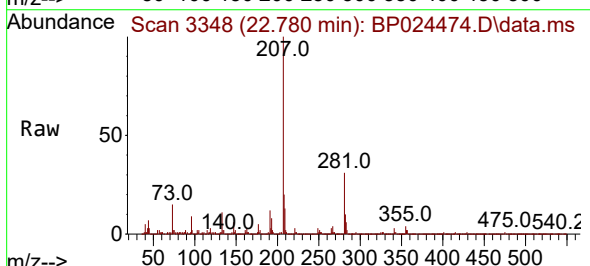
Instrument :
 BNA_P
 ClientSampleId :
 MH-D

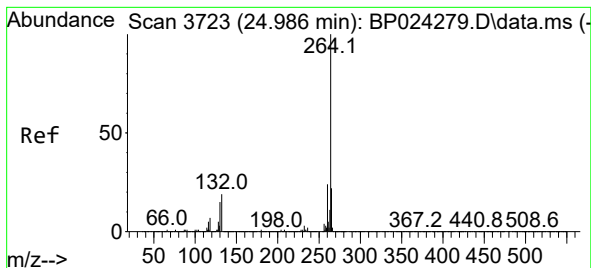
Tgt Ion:149 Resp: 10558
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.4 33.6
 279 5.1 4.0 6.0



#85
 Di-n-octyl phthalate
 Concen: 0.024 ng
 RT: 22.780 min Scan# 3348
 Delta R.T. -0.006 min
 Lab File: BP024474.D
 Acq: 30 Apr 2025 15:26

Tgt Ion:149 Resp: 1071
 Ion Ratio Lower Upper
 149 100
 167 14.8 1.2 1.8#
 43 27.4 6.0 9.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

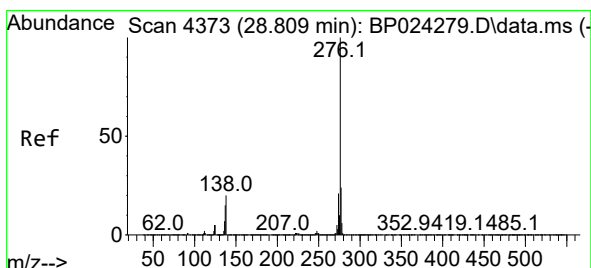
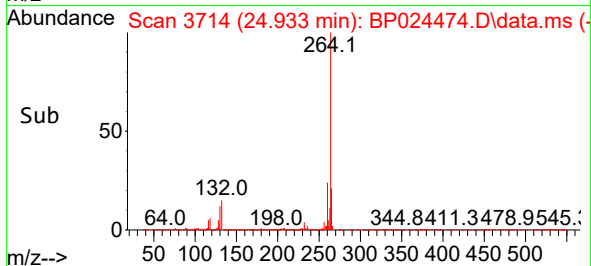
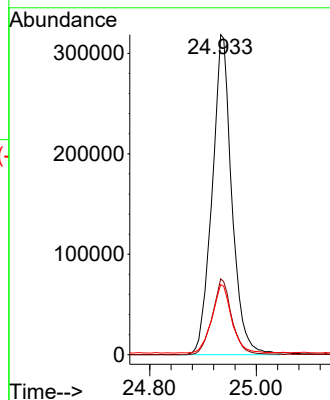
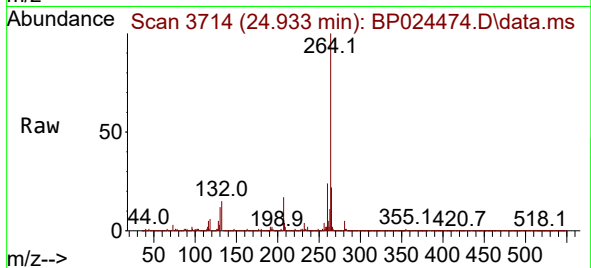
Tgt Ion:264 Resp: 815843

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.9 17.8 26.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 28.733 min Scan# 4360

Delta R.T. -0.006 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

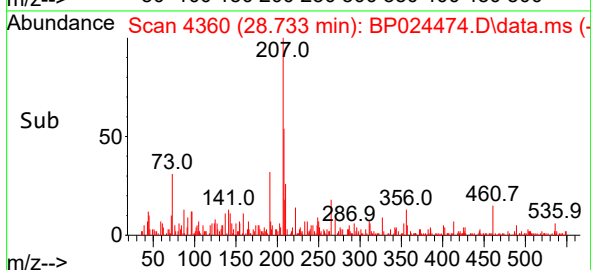
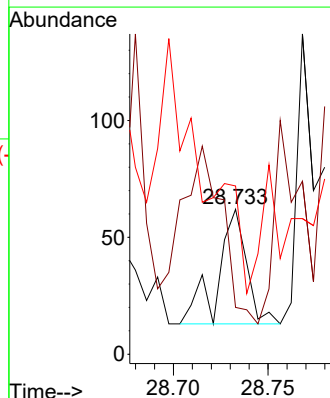
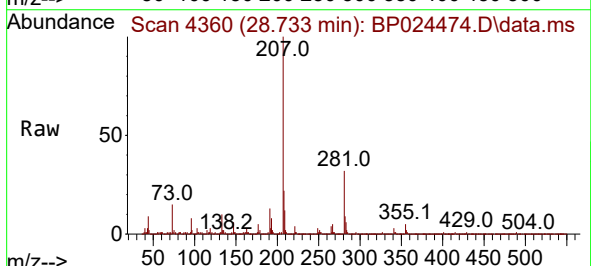
Tgt Ion:276 Resp: 52

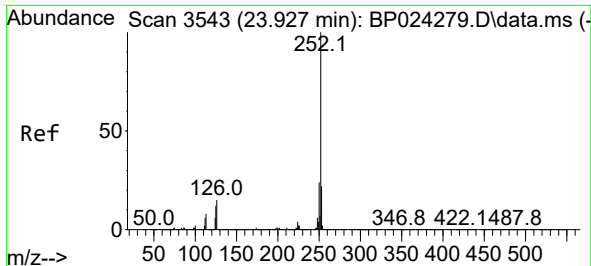
Ion Ratio Lower Upper

276 100

138 221.2 14.5 21.7#

277 0.0 20.2 30.2#





#88

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.863 min Scan# 3532

Delta R.T. -0.023 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

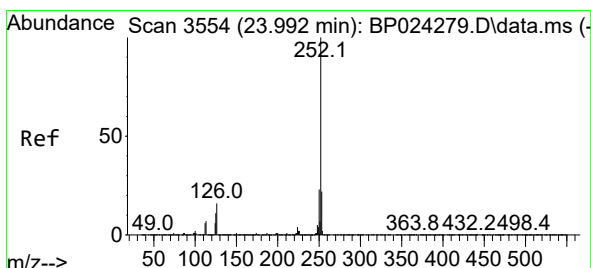
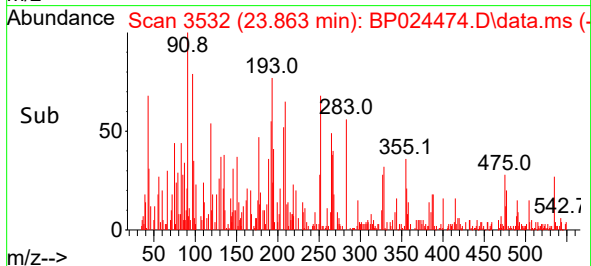
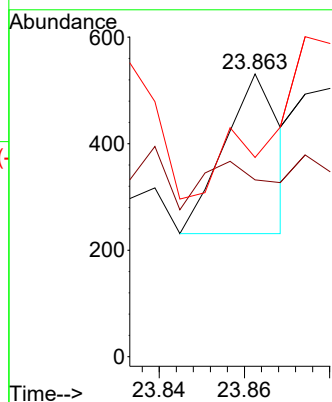
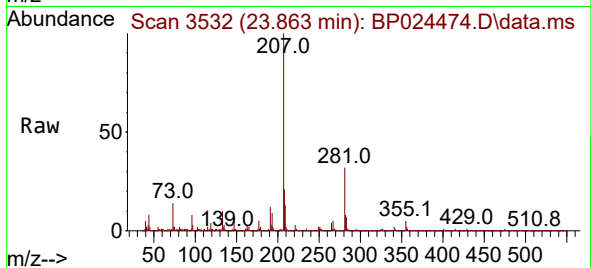
Tgt Ion:252 Resp: 274

Ion Ratio Lower Upper

252 100

253 62.5 17.7 26.5#

125 70.4 9.4 14.0#



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.863 min Scan# 3532

Delta R.T. -0.094 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

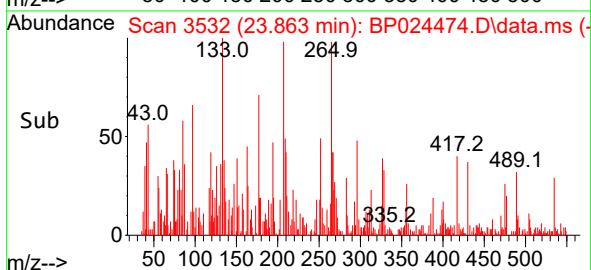
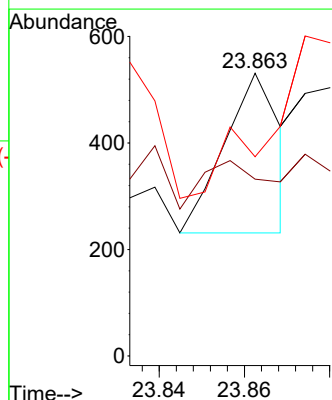
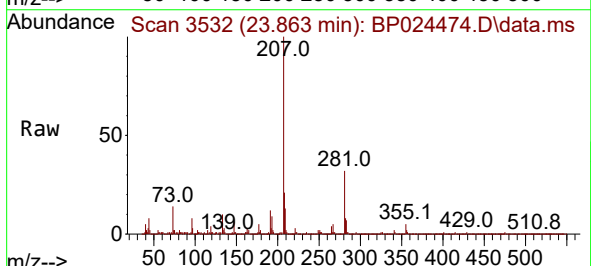
Tgt Ion:252 Resp: 274

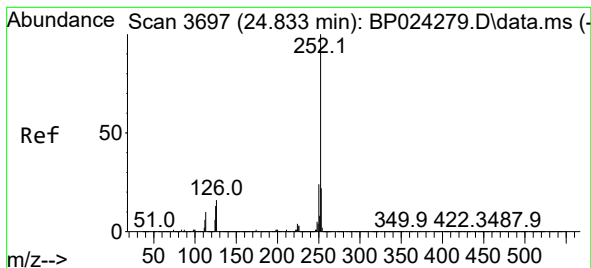
Ion Ratio Lower Upper

252 100

253 62.5 17.7 26.5#

125 70.4 9.1 13.7#





#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 24.804 min Scan# 3

Delta R.T. 0.024 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D

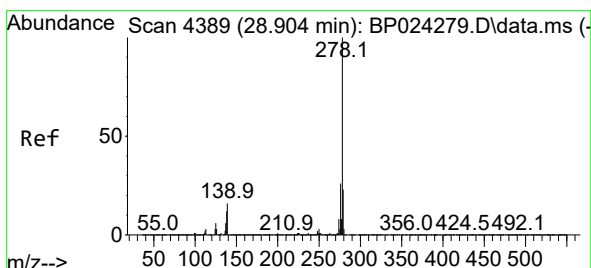
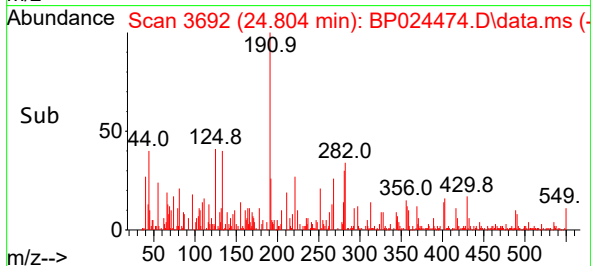
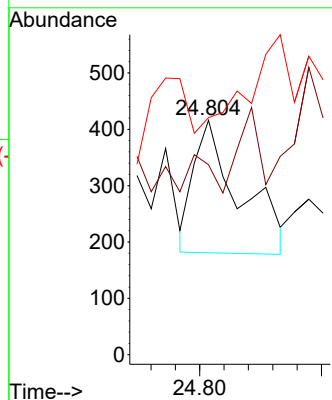
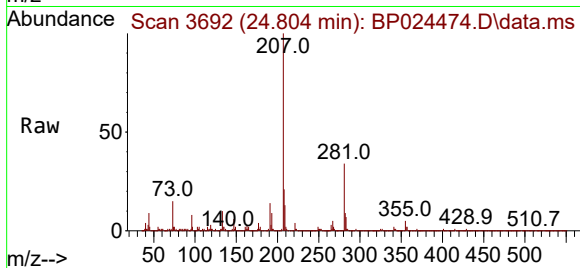
Tgt Ion:252 Resp: 307

Ion Ratio Lower Upper

252 100

253 81.0 17.6 26.4#

125 101.2 10.1 15.1#



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.792 min Scan# 4370

Delta R.T. -0.012 min

Lab File: BP024474.D

Acq: 30 Apr 2025 15:26

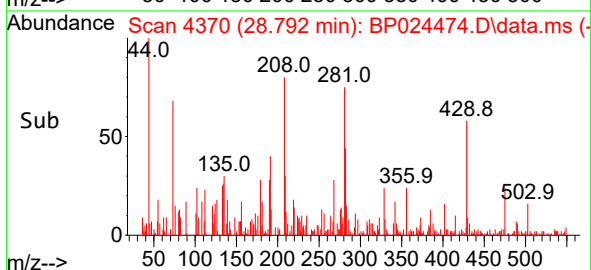
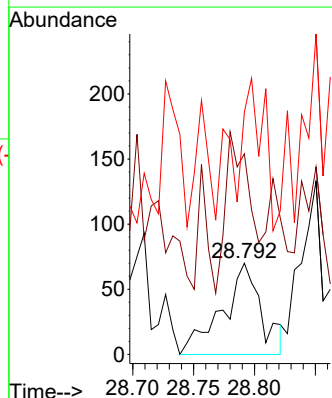
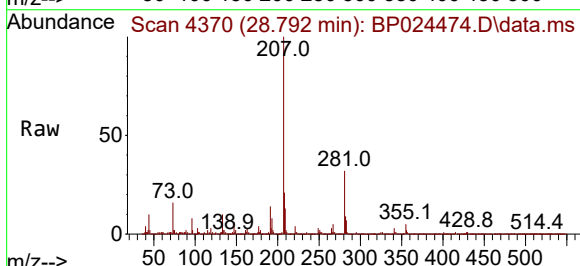
Tgt Ion:278 Resp: 155

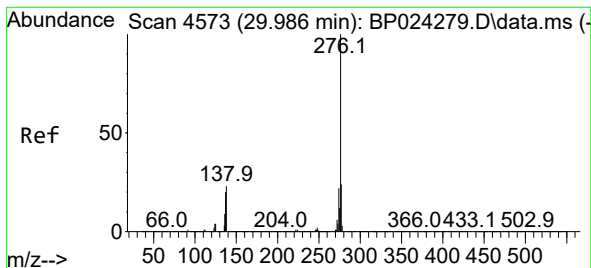
Ion Ratio Lower Upper

278 100

139 220.0 12.6 19.0#

279 265.7 18.5 27.7#





#92

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 29.892 min Scan# 4

Delta R.T. -0.006 min

Lab File: BP024474.D

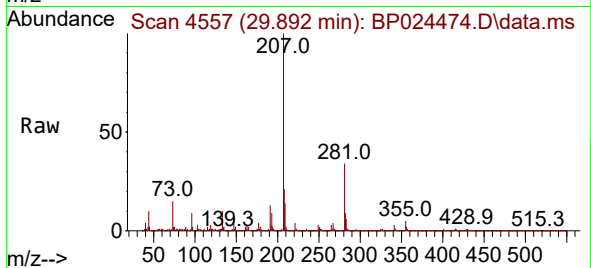
Acq: 30 Apr 2025 15:26

Instrument :

BNA_P

ClientSampleId :

MH-D



Tgt Ion: 276 Resp: 56

Ion Ratio Lower Upper

276 100

277 98.8 18.9 28.3#

138 228.2 18.7 28.1#

