

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024470.D
 Acq On : 30 Apr 2025 12:40
 Operator : RC/JU
 Sample : PB167773BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167773BL

Quant Time: Apr 30 13:05:28 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	166707	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	639440	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	381220	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	790885	20.000	ng	0.00
76) Chrysene-d12	21.598	240	925561	20.000	ng	0.00
86) Perylene-d12	24.933	264	1045749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1348842	133.783	ng	0.00
7) Phenol-d6	6.899	99	1624141	117.644	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1002085	89.360	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	839863	159.234	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2266257	91.021	ng	0.00
79) Terphenyl-d14	19.875	244	4115112	89.617	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	328	0.077	ng	# 1
3) Pyridine	3.687	79	86	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.593	42	114	0.031	ng	# 1
6) Aniline	7.058	93	382	0.031	ng	# 59
8) 2-Chlorophenol	7.193	128	96	0.009	ng	# 83
9) Benzaldehyde	6.852	77	247	0.036	ng	# 28
10) Phenol	7.134	94	34	0.002	ng	# 86
11) bis(2-Chloroethyl)ether	6.969	93	80	0.007	ng	# 84
12) 1,3-Dichlorobenzene	7.593	146	110	0.009	ng	# 29
13) 1,4-Dichlorobenzene	7.934	146	13	0.001	ng	# 91
14) 1,2-Dichlorobenzene	7.934	146	13	0.001	ng	# 90
15) Benzyl Alcohol	7.905	79	158	0.018	ng	# 10
16) 2,2'-oxybis(1-Chloropr...	8.240	45	58	0.005	ng	# 1
17) 2-Methylphenol	8.152	107	32	0.004	ng	# 1
18) Hexachloroethane	8.787	117	64	0.014	ng	# 64
19) n-Nitroso-di-n-propyla...	8.510	70	49	0.006	ng	# 1
20) 3+4-Methylphenols	8.475	107	35	0.003	ng	# 1
22) Acetophenone	8.534	105	117	0.007	ng	# 24
24) Nitrobenzene	8.857	77	3229	0.291	ng	# 30
25) Isophorone	9.416	82	164	0.008	ng	# 83
26) 2-Nitrophenol	9.599	139	24	0.004	ng	# 1
27) 2,4-Dimethylphenol	9.663	122	13	0.002	ng	# 67
28) bis(2-Chloroethoxy)met...	9.881	93	47	0.003	ng	# 84
29) 2,4-Dichlorophenol	10.134	162	12	0.001	ng	# 38
30) 1,2,4-Trichlorobenzene	10.446	180	14	0.001	ng	# 96
31) Naphthalene	10.534	128	416	0.012	ng	# 90
32) Benzoic acid	9.799	122	10	0.001	ng	# 1
33) 4-Chloroaniline	10.640	127	17	0.001	ng	# 27
34) Hexachlorobutadiene	10.822	225	35	0.006	ng	# 75
35) Caprolactam	11.434	113	23	0.007	ng	# 1
36) 4-Chloro-3-methylphenol	11.769	107	68	0.006	ng	# 57
37) 2-Methylnaphthalene	12.169	142	194	0.008	ng	# 64
38) 1-Methylnaphthalene	12.381	142	242	0.011	ng	# 71
40) 1,2,4,5-Tetrachloroben...	12.516	216	37	0.004	ng	# 38
41) Hexachlorocyclopentadiene	12.522	237	13	0.004	ng	# 89
43) 2,4,6-Trichlorophenol	12.775	196	13	0.002	ng	# 67

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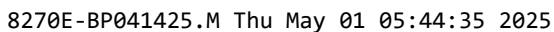
Instrument :
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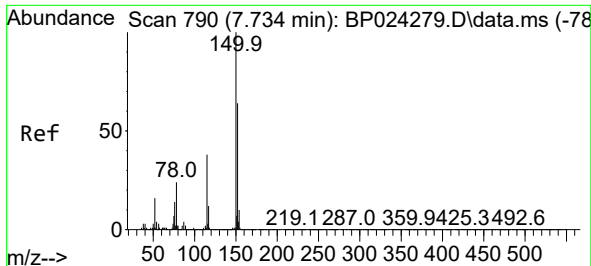
Quant Time: Apr 30 13:05:28 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	9	0.001	ng	# 59
46) 1,1'-Biphenyl	13.169	154	345	0.012	ng	# 70
47) 2-Chloronaphthalene	13.210	162	258	0.012	ng	# 70
48) 2-Nitroaniline	13.428	65	20	0.003	ng	# 31
49) Acenaphthylene	14.063	152	443	0.013	ng	# 96
50) Dimethylphthalate	13.816	163	476	0.017	ng	# 93
51) 2,6-Dinitrotoluene	13.916	165	11	0.002	ng	# 98
52) Acenaphthene	14.404	154	278	0.013	ng	# 56
53) 3-Nitroaniline	14.240	138	25	0.004	ng	# 79
54) 2,4-Dinitrophenol	14.445	184	19	0.005	ng	# 29
55) Dibenzofuran	14.769	168	444	0.013	ng	# 77
56) 4-Nitrophenol	14.704	139	8	0.001	ng	# 91
57) 2,4-Dinitrotoluene	14.698	165	39	0.005	ng	# 43
58) Fluorene	15.422	166	320	0.012	ng	# 91
59) 2,3,4,6-Tetrachlorophenol	14.969	232	33	0.005	ng	# 61
60) Diethylphthalate	15.192	149	678	0.024	ng	# 77
61) 4-Chlorophenyl-phenylether	15.410	204	159	0.012	ng	# 91
62) 4-Nitroaniline	15.345	138	14	0.002	ng	# 92
63) Azobenzene	15.481	77	259	0.010	ng	# 79
65) 4,6-Dinitro-2-methylph...	15.510	198	3	0.001	ng	# 1
66) n-Nitrosodiphenylamine	15.869	169	22345	0.947	ng	# 46
67) 4-Bromophenyl-phenylether	16.345	248	130	0.015	ng	# 24
68) Hexachlorobenzene	16.445	284	122	0.012	ng	# 56
69) Atrazine	16.639	200	110	0.018	ng	# 76
70) Pentachlorophenol	16.828	266	801	0.112	ng	# 58
71) Phenanthrene	17.310	178	631	0.015	ng	# 97
72) Anthracene	17.310	178	637	0.015	ng	# 98
73) Carbazole	17.557	167	48	0.001	ng	# 1
74) Di-n-butylphthalate	18.175	149	2106	0.042	ng	# 95
75) Fluoranthene	19.292	202	1214	0.024	ng	# 73
77) Benzidine	19.480	184	248	0.021	ng	# 40
78) Pyrene	19.669	202	4683	0.080	ng	# 96
80) Butylbenzylphthalate	20.604	149	401	0.016	ng	# 53
81) Benzo(a)anthracene	21.598	228	4236	0.074	ng	# 75
82) 3,3'-Dichlorobenzidine	21.522	252	474	0.023	ng	# 54
83) Chrysene	21.639	228	2666	0.048	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.522	149	2126	0.058	ng	# 85
85) Di-n-octyl phthalate	22.780	149	1591	0.026	ng	# 52
87) Indeno(1,2,3-cd)pyrene	28.709	276	23	0.000	ng	# 1
88) Benzo(b)fluoranthene	23.886	252	1793	0.029	ng	# 45
89) Benzo(k)fluoranthene	23.951	252	964	0.016	ng	# 47
90) Benzo(a)pyrene	24.792	252	1580	0.029	ng	# 1
91) Dibenzo(a,h)anthracene	28.786	278	44	0.001	ng	# 1
92) Benzo(g,h,i)perylene	29.921	276	168	0.003	ng	# 1

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

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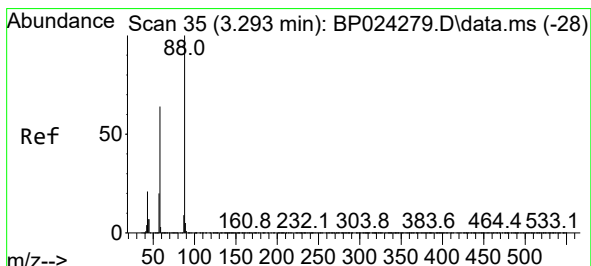
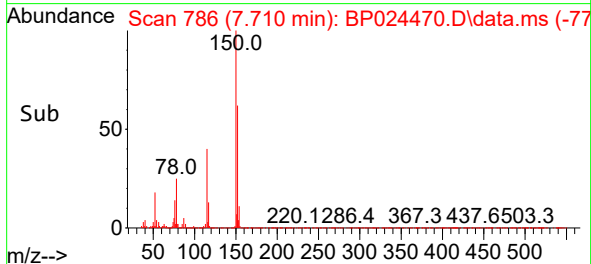
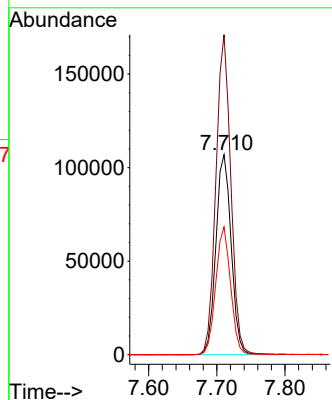
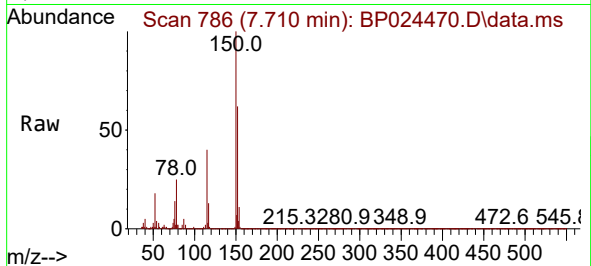




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024470.D
 Acq: 30 Apr 2025 12:40

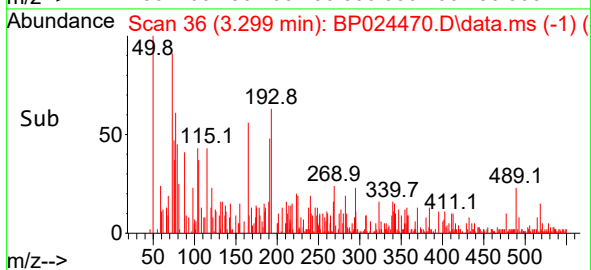
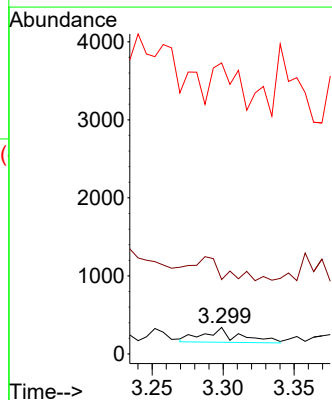
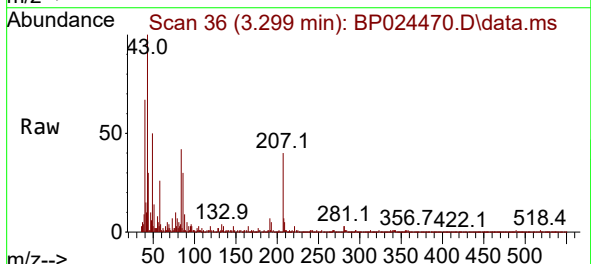
Instrument :
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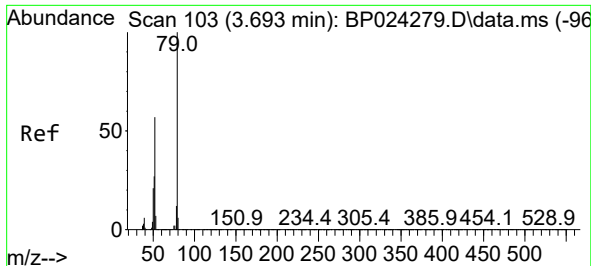
Tgt Ion:152 Resp: 166707
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.9 187.3
 115 63.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.077 ng
 RT: 3.299 min Scan# 36
 Delta R.T. 0.012 min
 Lab File: BP024470.D
 Acq: 30 Apr 2025 12:40

Tgt Ion: 88 Resp: 328
 Ion Ratio Lower Upper
 88 100
 58 0.0 51.4 77.2#
 43 189.3 17.1 25.7#

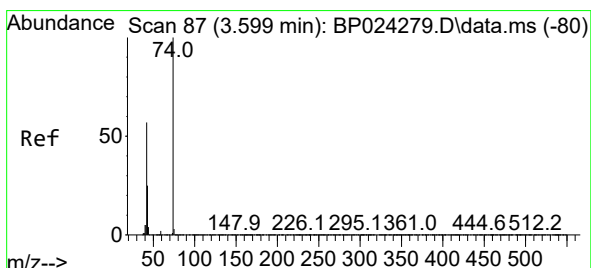
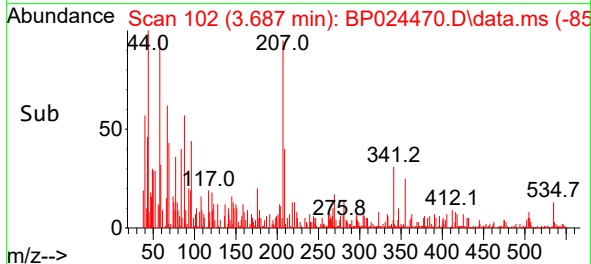
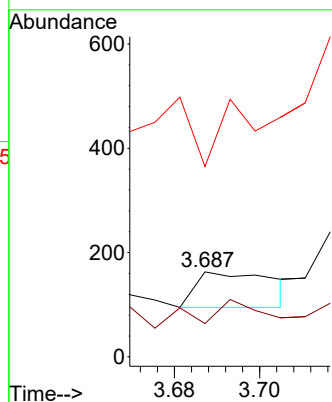
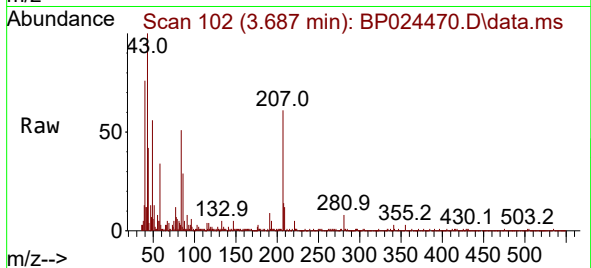




#3
Pyridine
Concen: 0.008 ng
RT: 3.687 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

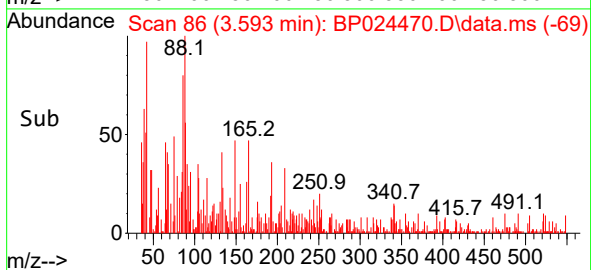
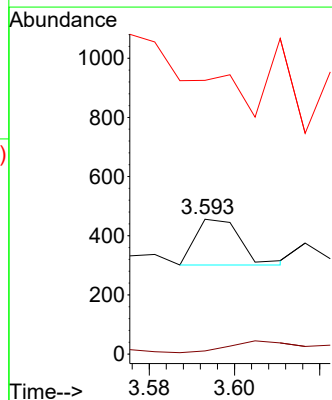
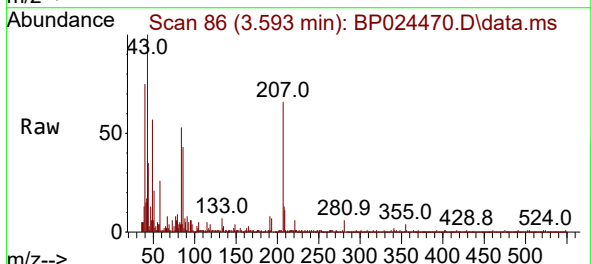
Instrument :
BNA_P
ClientSampleId :
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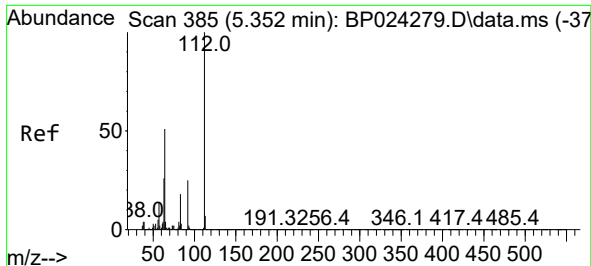
Tgt Ion: 79 Resp: 86
Ion Ratio Lower Upper
79 100
52 39.3 45.4 68.2#
51 223.9 22.6 33.8#



#4
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion: 42 Resp: 114
Ion Ratio Lower Upper
42 100
74 2.4 139.5 209.3#
44 202.9 5.8 8.8#

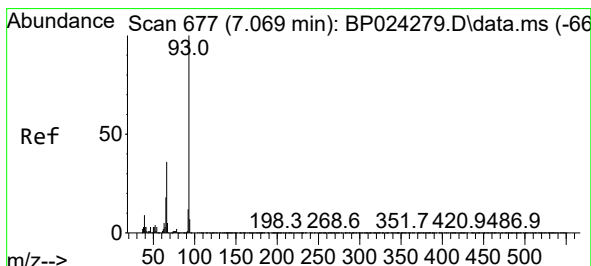
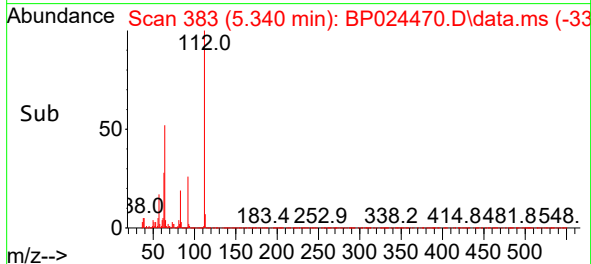
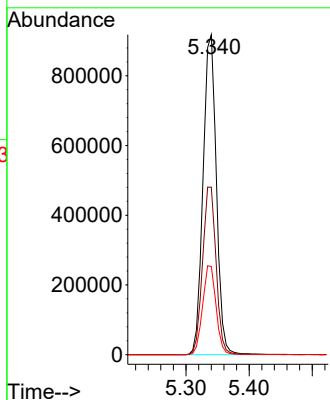
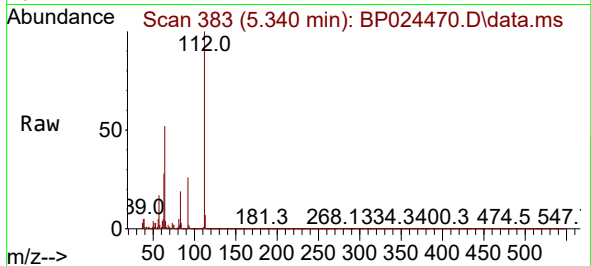




#5
2-Fluorophenol
Concen: 133.783 ng
RT: 5.340 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

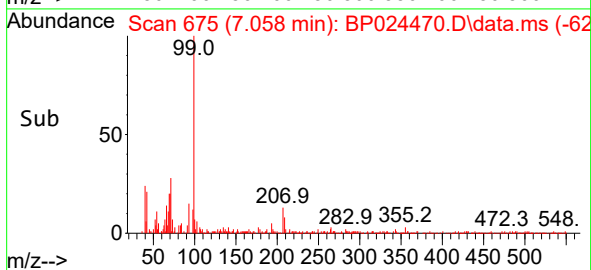
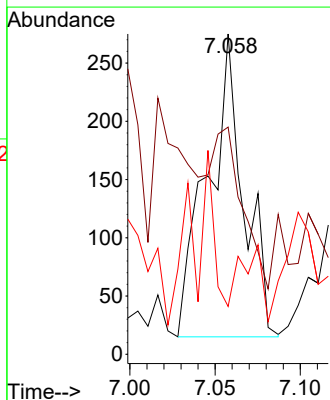
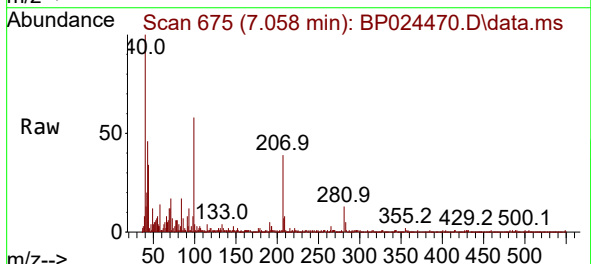
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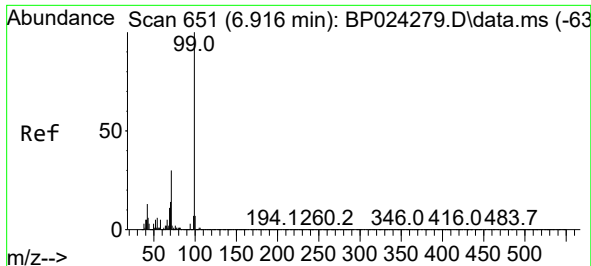
Tgt Ion:112 Resp: 1348842
Ion Ratio Lower Upper
112 100
64 52.3 41.1 61.7
63 27.6 20.6 30.8



#6
Aniline
Concen: 0.031 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion: 93 Resp: 382
Ion Ratio Lower Upper
93 100
66 70.9 29.1 43.7#
65 14.9 14.7 22.1

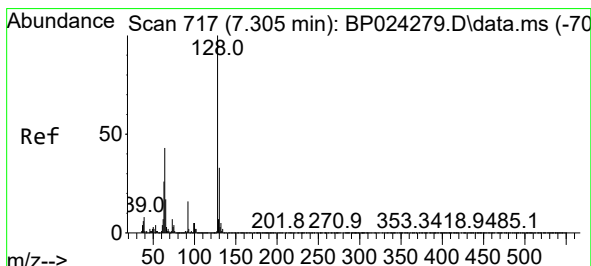
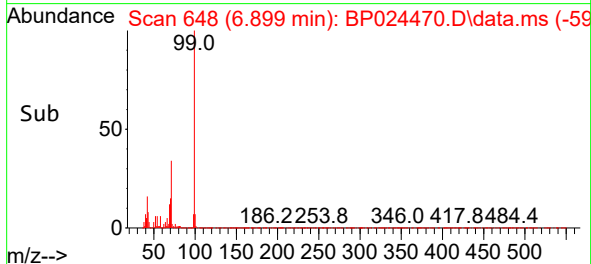
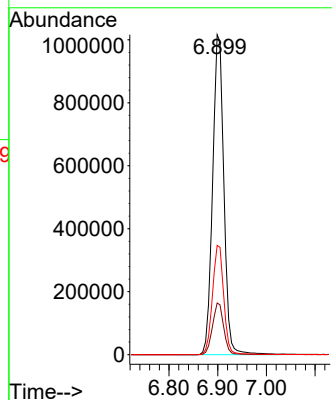
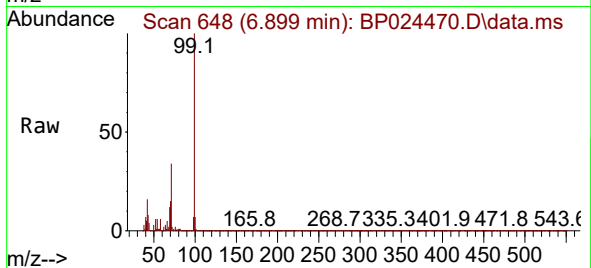




#7
Phenol-d6
Concen: 117.644 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

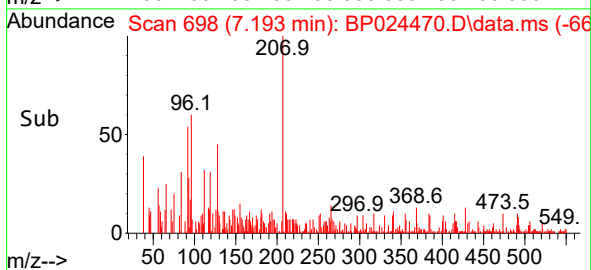
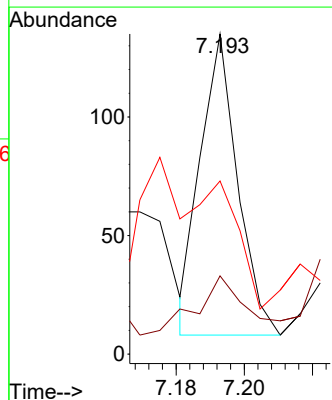
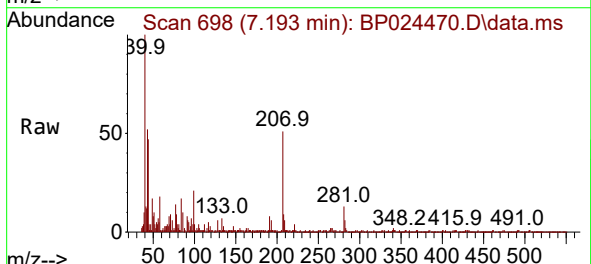
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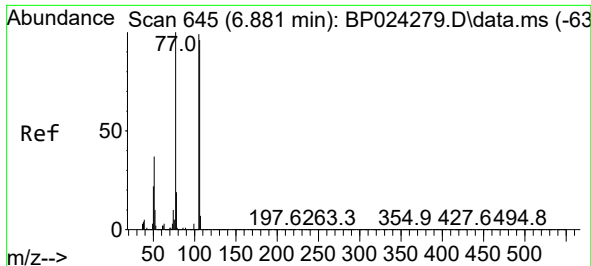
Tgt Ion: 99 Resp: 1624141
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 34.2 23.7 35.5



#8
2-Chlorophenol
Concen: 0.009 ng
RT: 7.193 min Scan# 698
Delta R.T. -0.106 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:128 Resp: 96
Ion Ratio Lower Upper
128 100
130 24.4 12.9 52.9
64 54.1 22.7 62.7





#9

Benzaldehyde

Concen: 0.036 ng

RT: 6.852 min Scan# 64

Delta R.T. -0.029 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

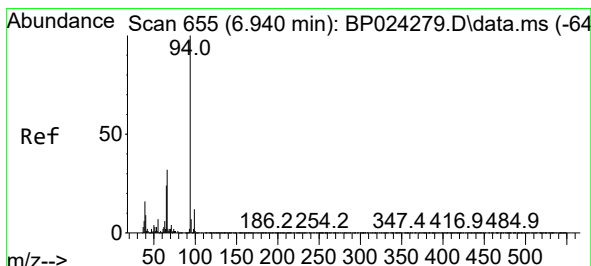
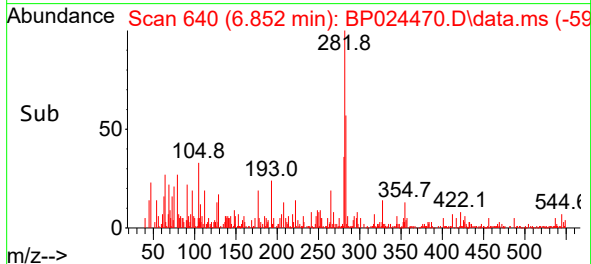
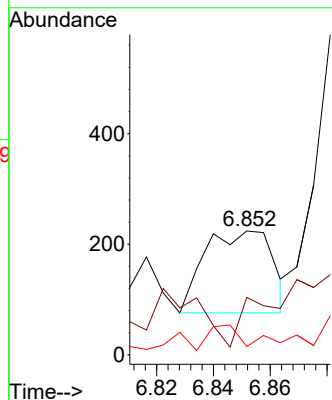
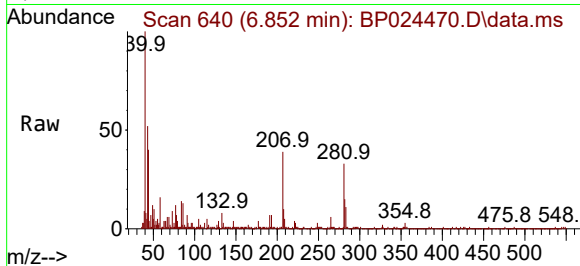
Tgt Ion: 77 Resp: 247

Ion Ratio Lower Upper

77 100

105 46.4 79.2 119.2#

106 6.7 76.2 116.2#



#10

Phenol

Concen: 0.002 ng

RT: 7.134 min Scan# 688

Delta R.T. 0.194 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

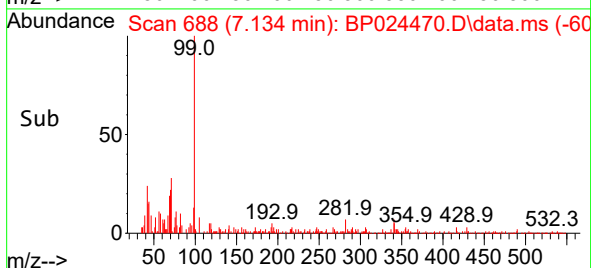
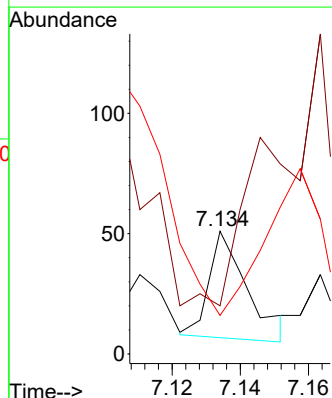
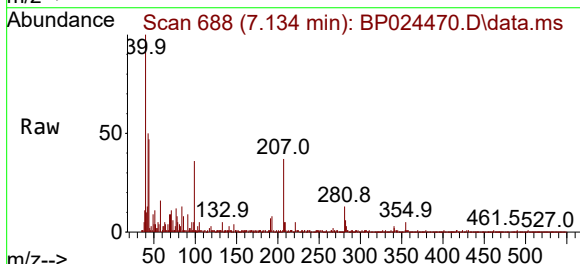
Tgt Ion: 94 Resp: 34

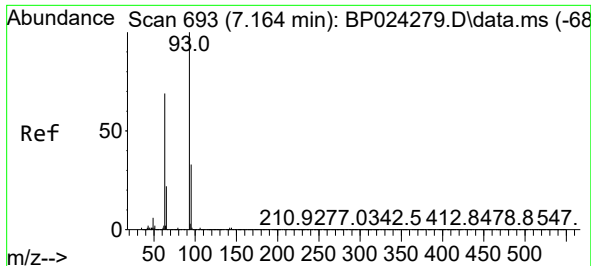
Ion Ratio Lower Upper

94 100

65 39.2 4.5 44.5

66 31.4 12.4 52.4





#11

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 6.969 min Scan# 6

Delta R.T. -0.188 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

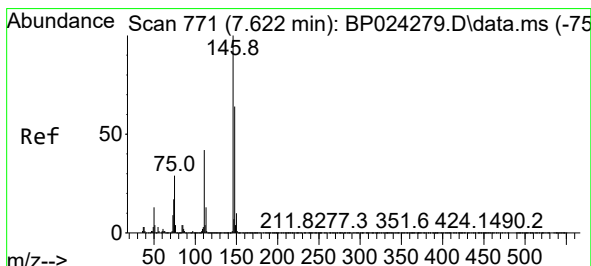
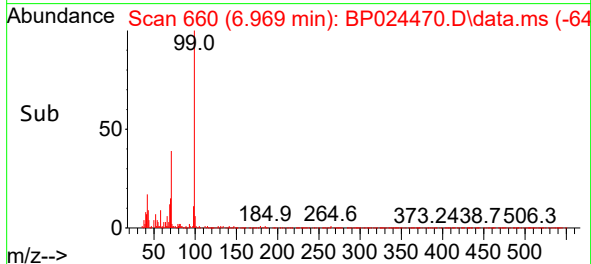
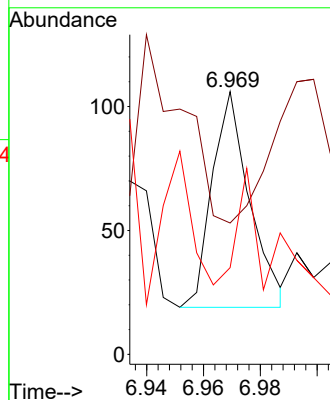
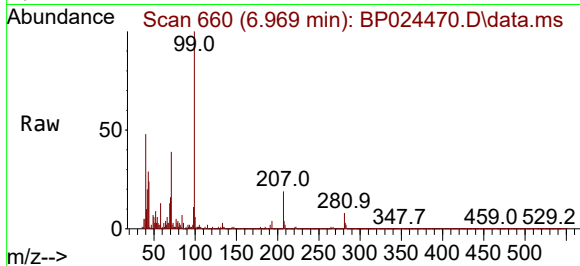
Tgt Ion: 93 Resp: 80

Ion Ratio Lower Upper

93 100

63 50.0 48.6 88.6

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 0.009 ng

RT: 7.593 min Scan# 766

Delta R.T. -0.023 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

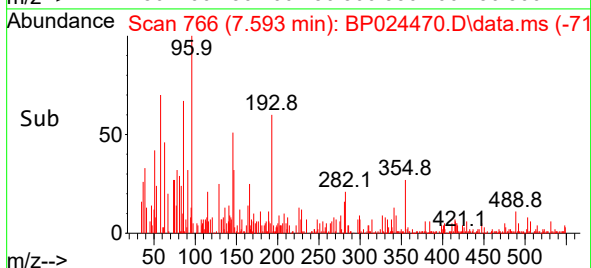
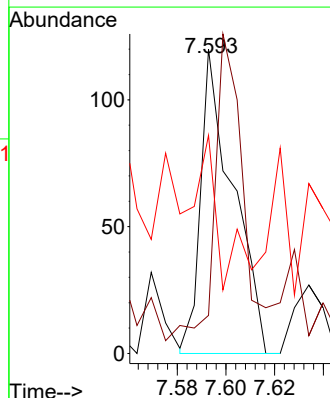
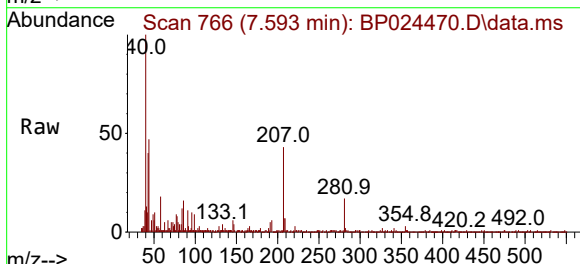
Tgt Ion:146 Resp: 110

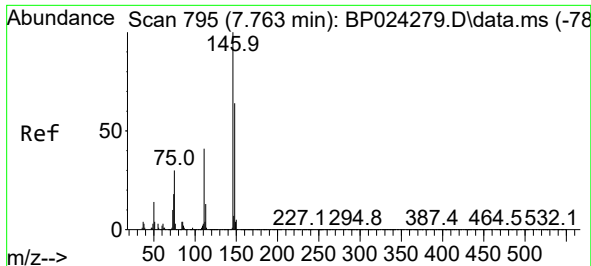
Ion Ratio Lower Upper

146 100

148 12.5 51.4 77.0#

75 71.7 22.9 34.3#





#13

1,4-Dichlorobenzene

Concen: 0.001 ng

RT: 7.934 min Scan# 81

Delta R.T. 0.177 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

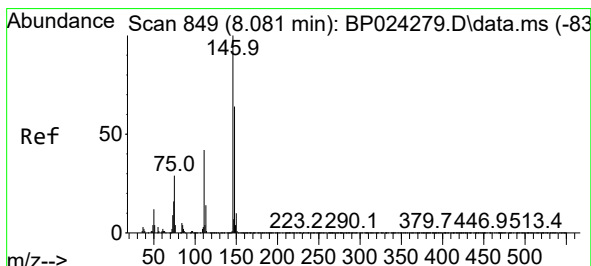
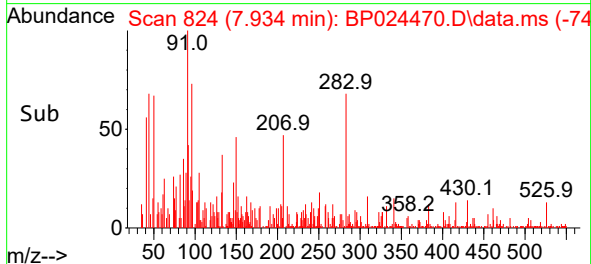
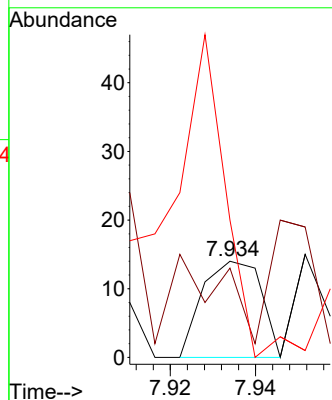
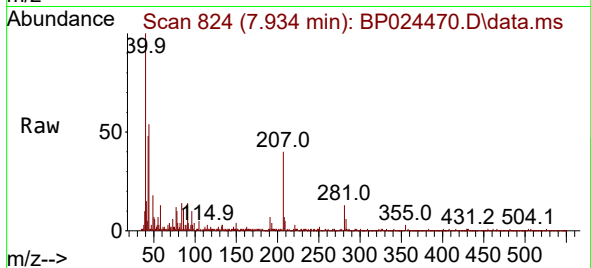
Tgt Ion:146 Resp: 13

Ion Ratio Lower Upper

146 100

148 53.8 51.1 76.7

111 38.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 0.001 ng

RT: 7.934 min Scan# 824

Delta R.T. -0.141 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

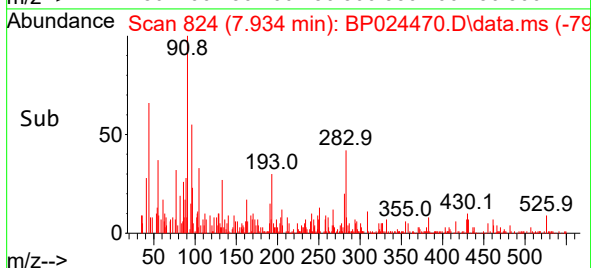
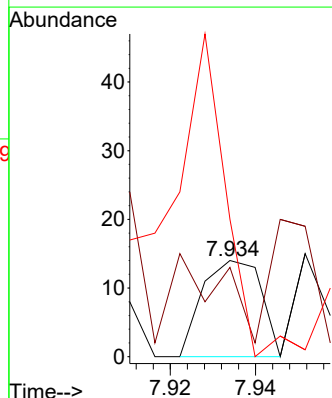
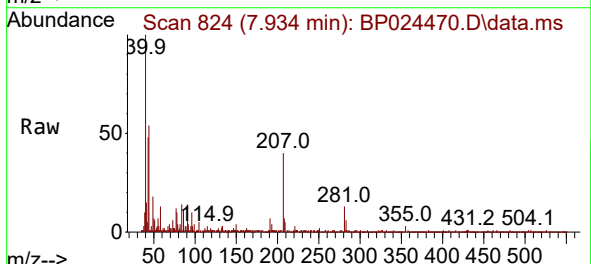
Tgt Ion:146 Resp: 13

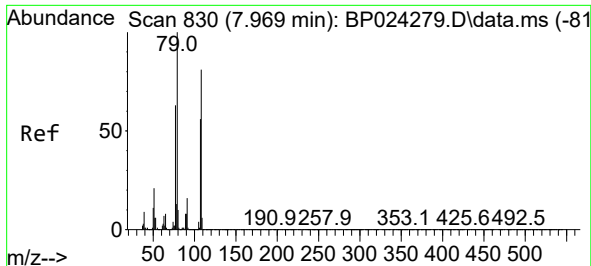
Ion Ratio Lower Upper

146 100

148 53.8 51.0 76.4

111 38.5 33.8 50.8

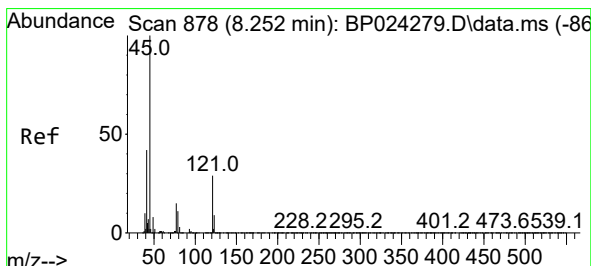
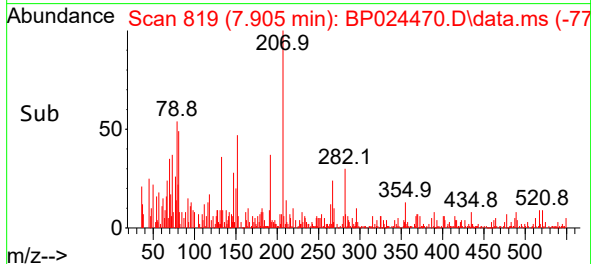
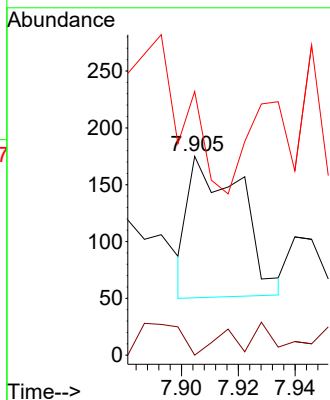
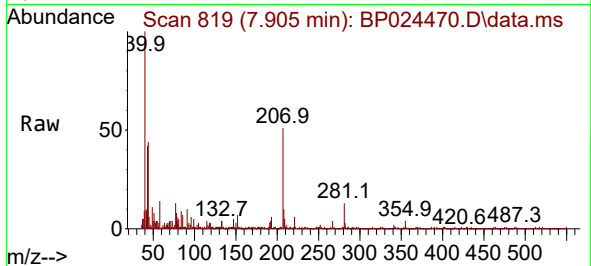




#15
Benzyl Alcohol
Concen: 0.018 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.059 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

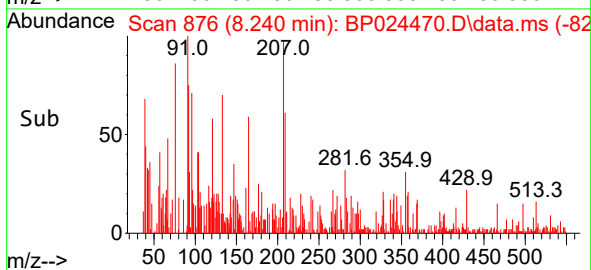
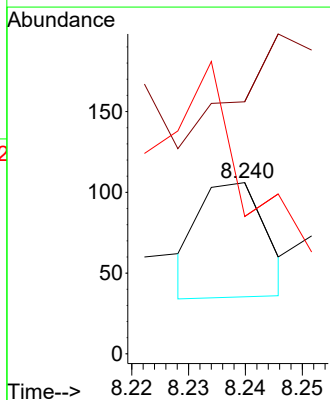
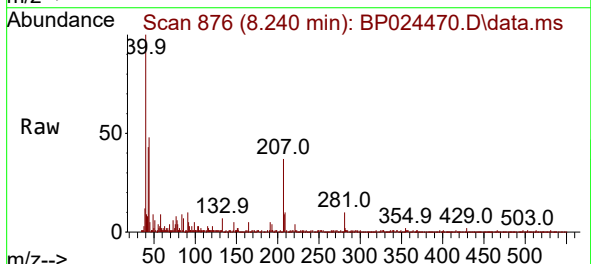
Instrument :
BNA_P
ClientSampleId :
PB167773BL

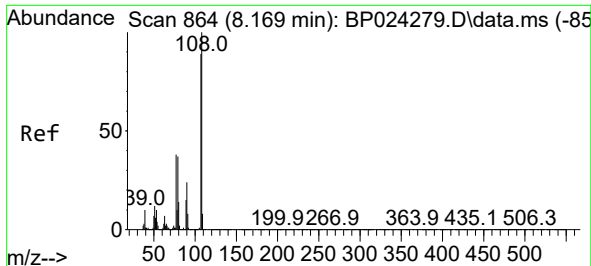
Tgt Ion: 79 Resp: 158
Ion Ratio Lower Upper
79 100
108 0.0 65.1 97.7#
77 132.6 50.7 76.1#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion: 45 Resp: 58
Ion Ratio Lower Upper
45 100
77 147.2 0.0 37.7#
79 80.2 0.0 33.5#

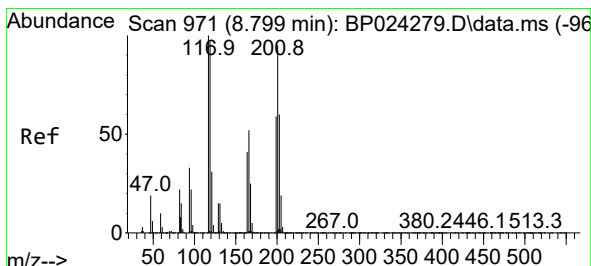
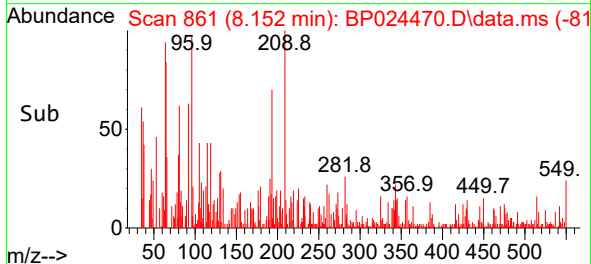
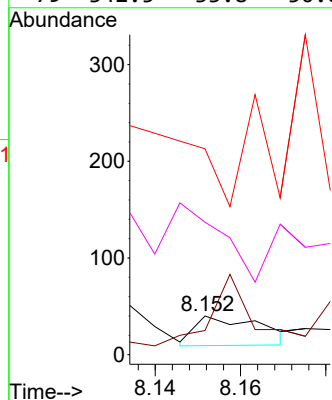
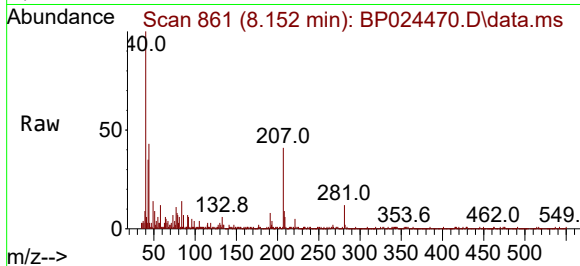




#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

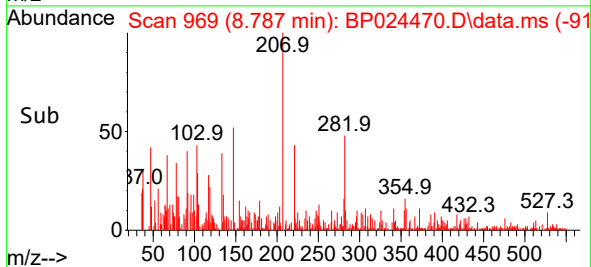
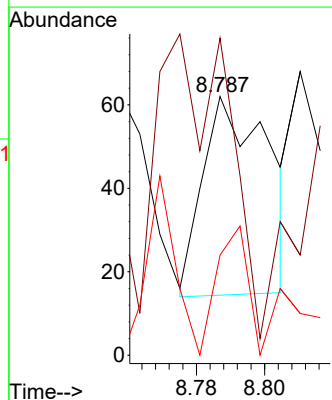
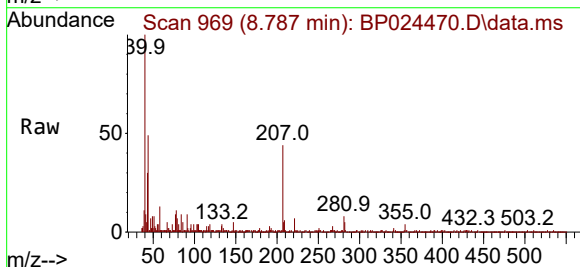
Instrument :
BNA_P
ClientSampleId :
PB167773BL

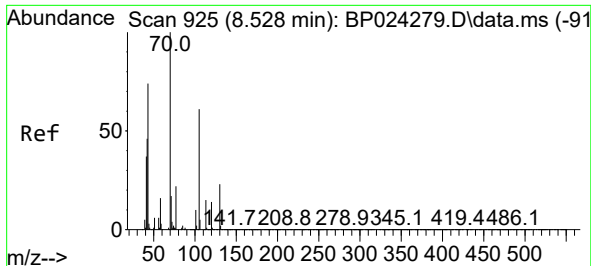
Tgt Ion:107 Resp: 32
Ion Ratio Lower Upper
107 100
108 62.5 89.8 134.6#
77 532.5 34.2 51.4#
79 342.5 33.8 50.8#



#18
Hexachloroethane
Concen: 0.014 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:117 Resp: 64
Ion Ratio Lower Upper
117 100
119 92.7 77.8 116.6
201 29.3 75.9 113.9#





#19

n-Nitroso-di-n-propylamine

Concen: 0.006 ng

RT: 8.510 min Scan# 916

Delta R.T. -0.012 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

Tgt Ion: 70 Resp: 49

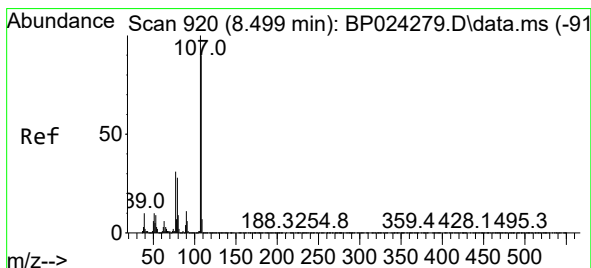
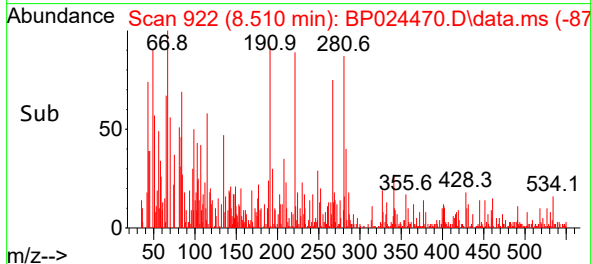
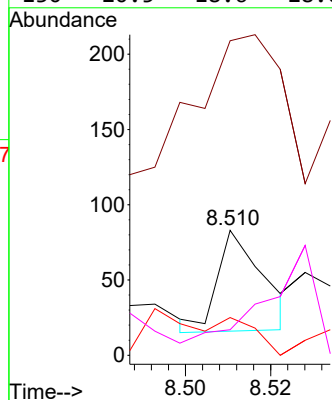
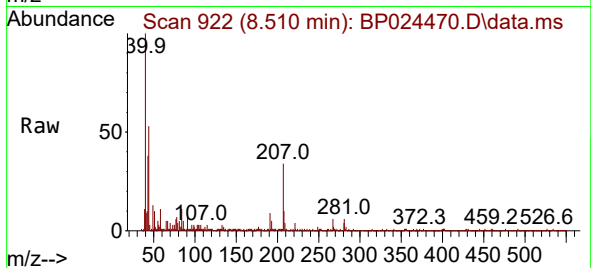
Ion Ratio Lower Upper

70 100

42 251.8 37.3 55.9#

101 30.1 8.2 12.4#

130 20.5 18.6 28.0



#20

3+4-Methylphenols

Concen: 0.003 ng

RT: 8.475 min Scan# 916

Delta R.T. -0.018 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Tgt Ion: 107 Resp: 35

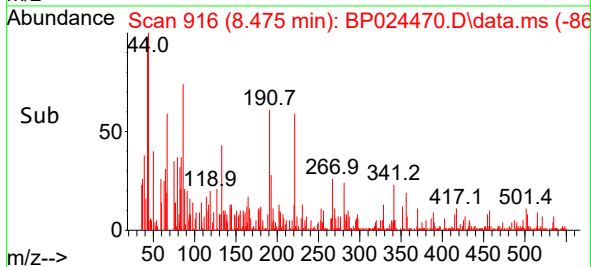
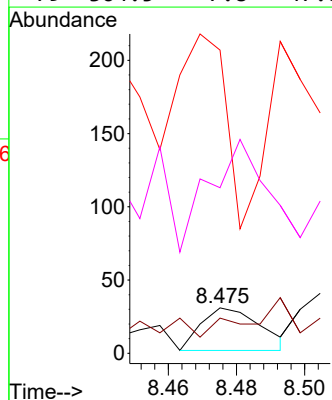
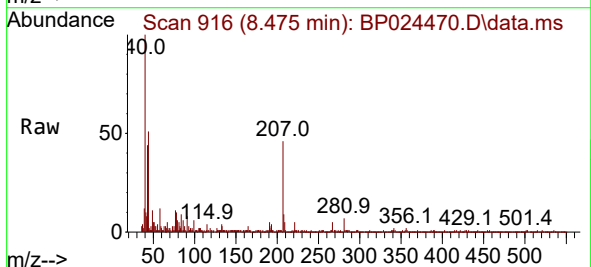
Ion Ratio Lower Upper

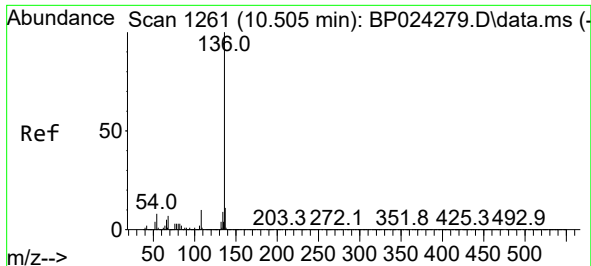
107 100

108 77.4 69.8 109.8

77 667.7 11.5 51.5#

79 364.5 7.8 47.8#

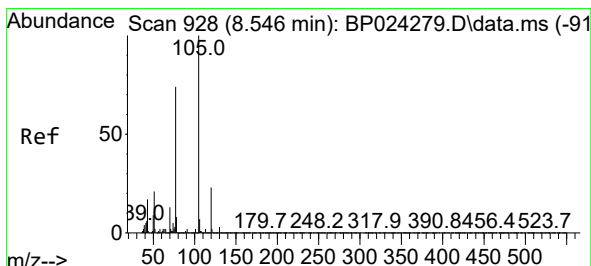
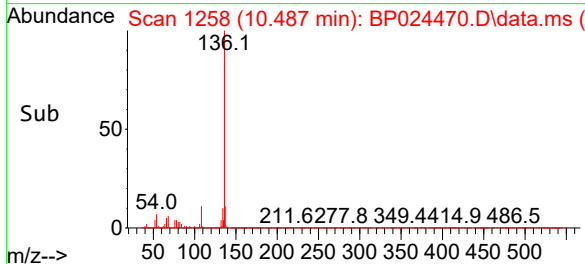
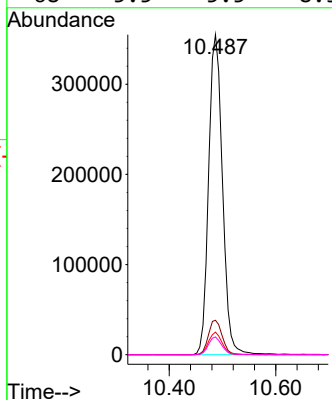
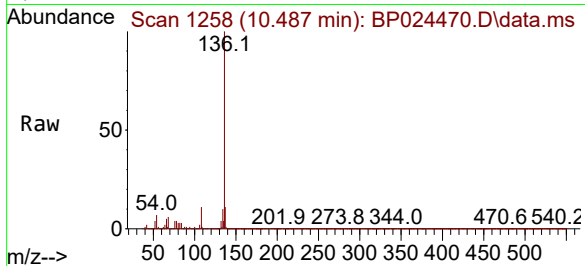




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

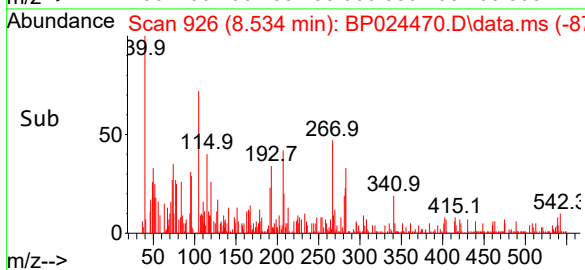
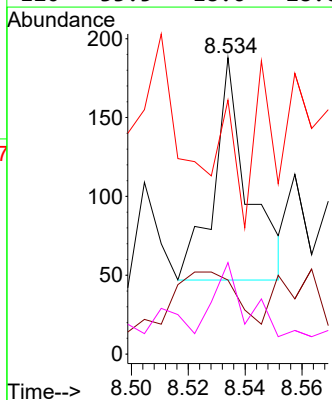
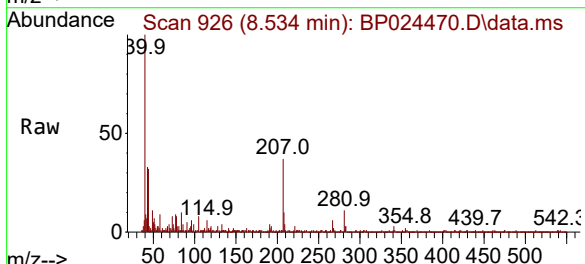
Instrument :
BNA_P
ClientSampleId :
PB167773BL

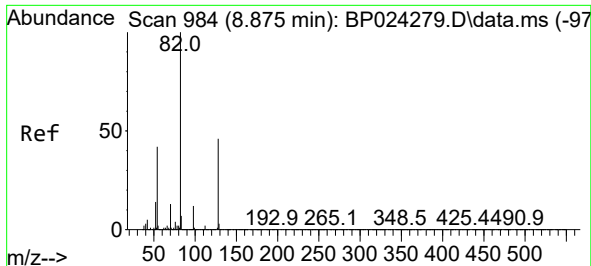
Tgt Ion:	136	Resp:	639440
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.2	13.8
54	7.0	6.0	9.0
68	5.5	5.5	8.3



#22
Acetophenone
Concen: 0.007 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:	105	Resp:	117
Ion Ratio	Lower	Upper	
105	100		
71	25.0	1.7	2.5#
51	85.6	16.9	25.3#
120	33.5	18.6	28.0#

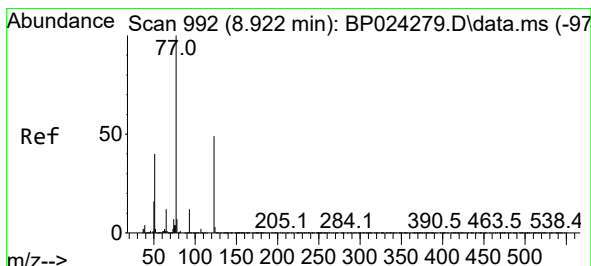
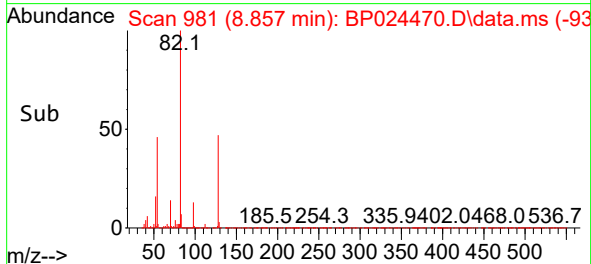
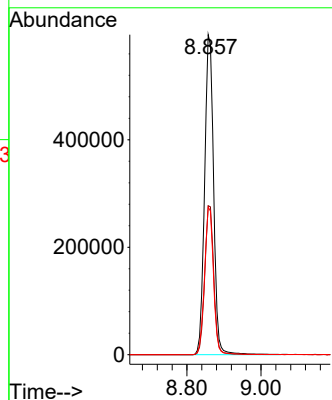
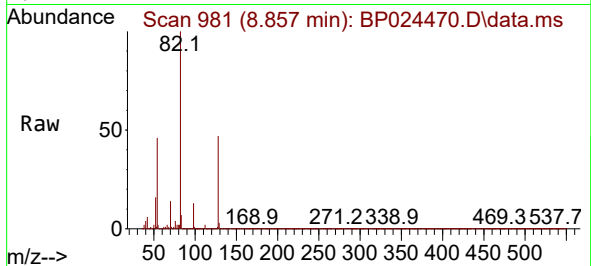




#23
Nitrobenzene-d5
Concen: 89.360 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

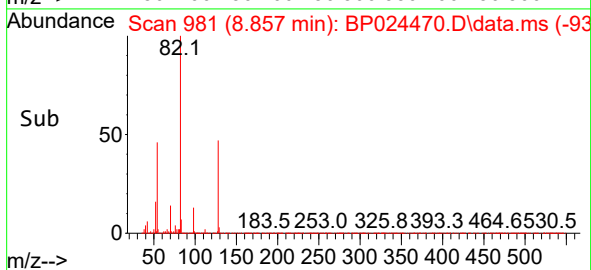
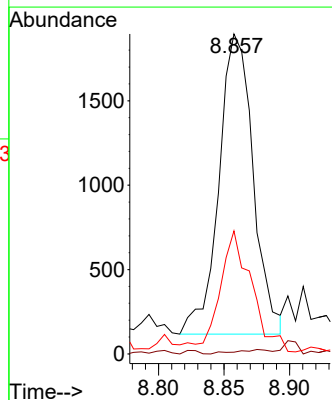
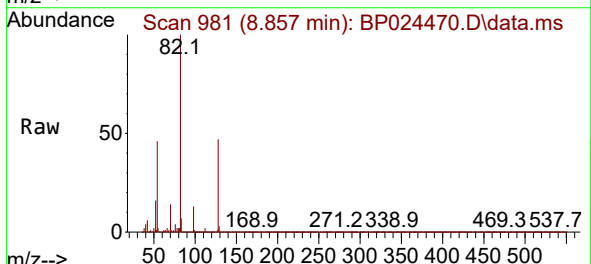
Instrument :
BNA_P
ClientSampleId :
PB167773BL

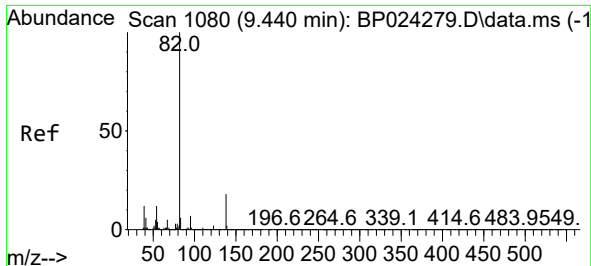
Tgt Ion: 82 Resp: 1002085
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 46.2 33.4 50.2



#24
Nitrobenzene
Concen: 0.291 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.053 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion: 77 Resp: 3229
Ion Ratio Lower Upper
77 100
123 0.5 39.2 58.8#
65 38.4 9.8 14.6#

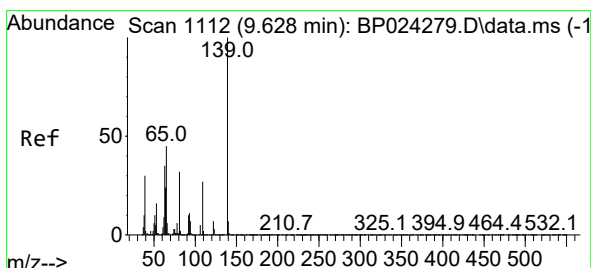
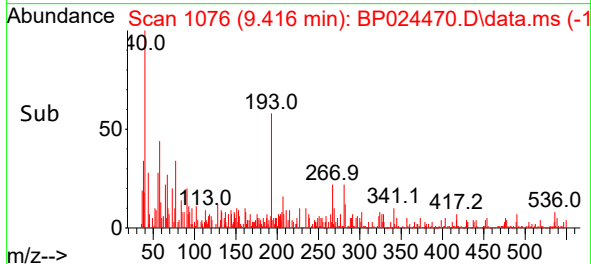
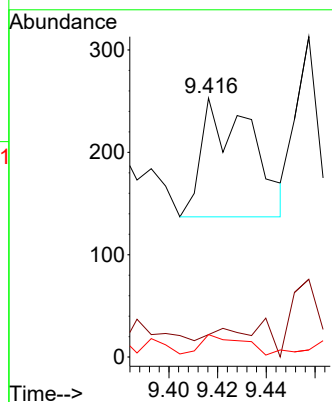
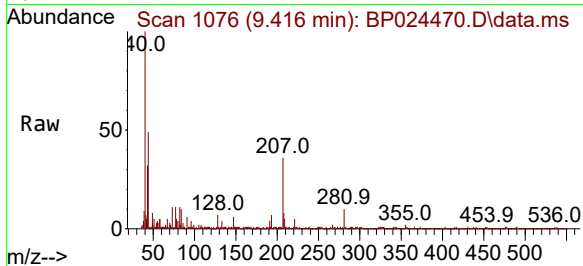




#25
Isophorone
Concen: 0.008 ng
RT: 9.416 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

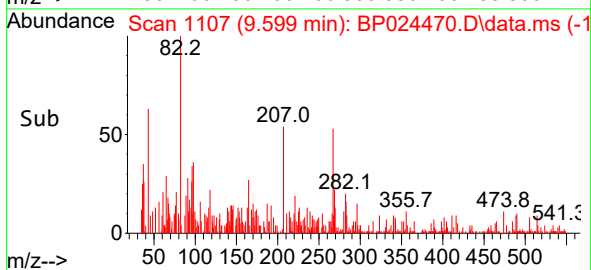
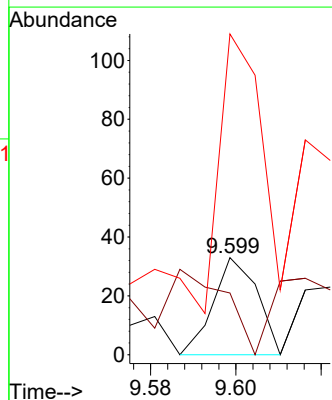
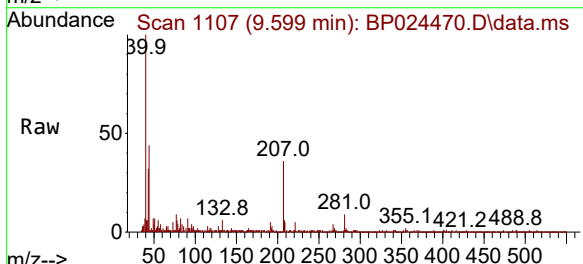
Instrument :
BNA_P
ClientSampleId :
PB167773BL

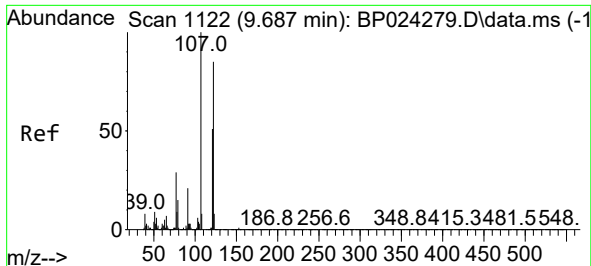
Tgt Ion: 82 Resp: 164
Ion Ratio Lower Upper
82 100
95 8.7 5.4 8.2#
138 8.7 14.4 21.6#



#26
2-Nitrophenol
Concen: 0.004 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion: 139 Resp: 24
Ion Ratio Lower Upper
139 100
109 63.6 21.8 32.6#
65 330.3 36.2 54.2#

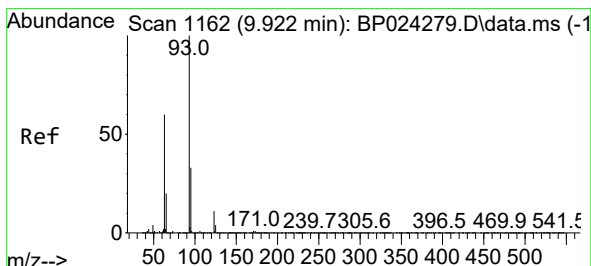
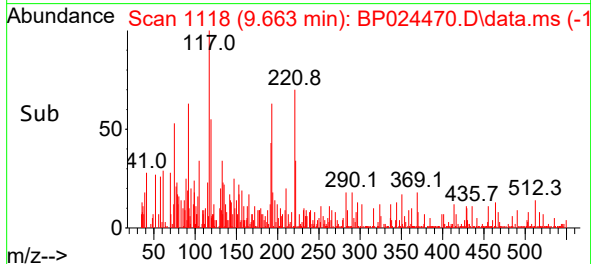
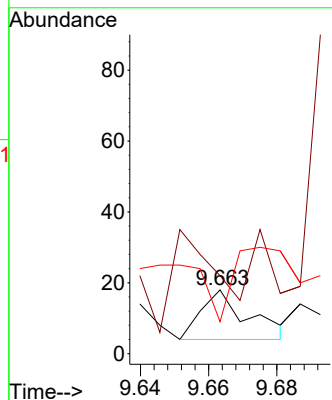
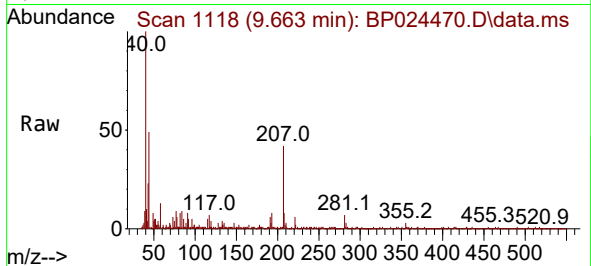




#27
2,4-Dimethylphenol
Concen: 0.002 ng
RT: 9.663 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

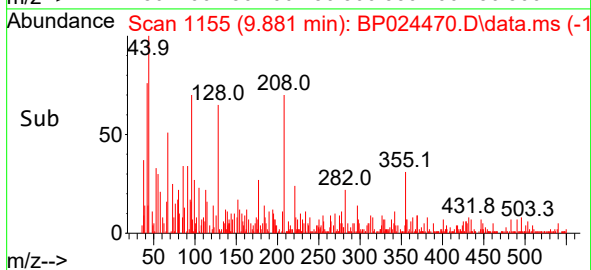
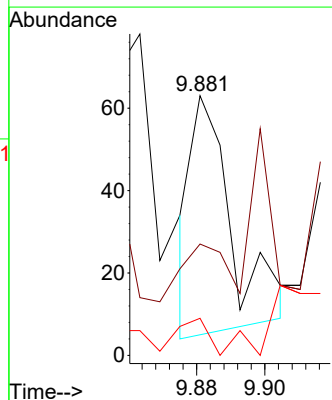
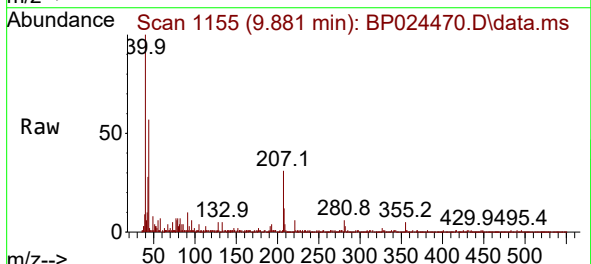
Instrument :
BNA_P
ClientSampleId :
PB167773BL

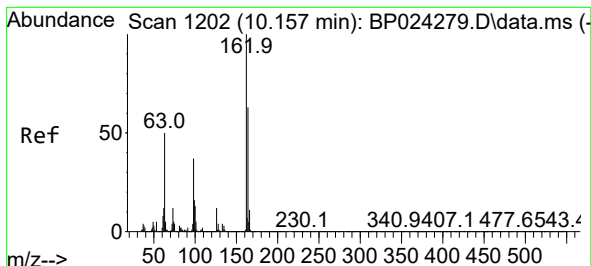
Tgt Ion:122 Resp: 13
Ion Ratio Lower Upper
122 100
107 88.6 93.7 140.5#
121 25.7 48.2 72.2#



#28
bis(2-Chloroethoxy)methane
Concen: 0.003 ng
RT: 9.881 min Scan# 1155
Delta R.T. -0.029 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion: 93 Resp: 47
Ion Ratio Lower Upper
93 100
95 42.9 26.0 39.0#
123 14.3 9.1 13.7#

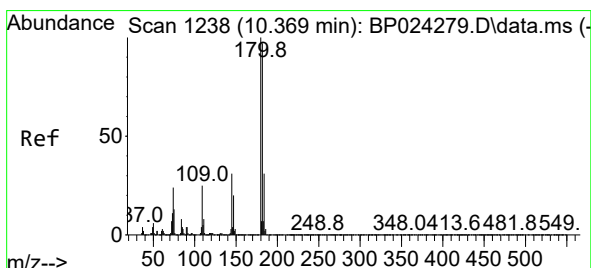
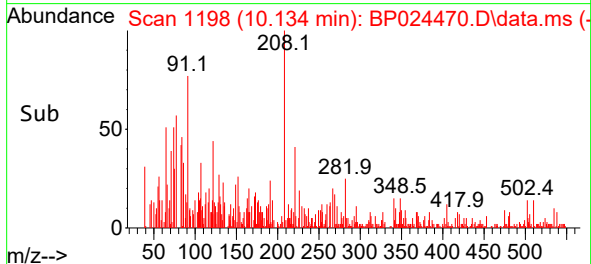
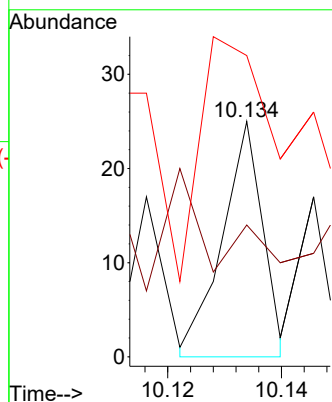
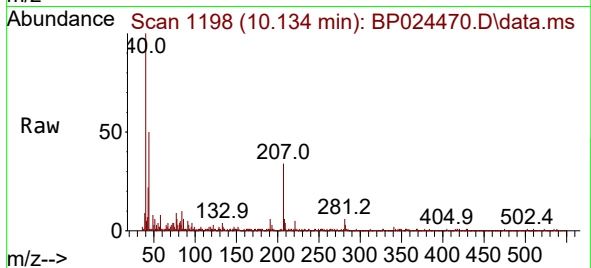




#29
2,4-Dichlorophenol
Concen: 0.001 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

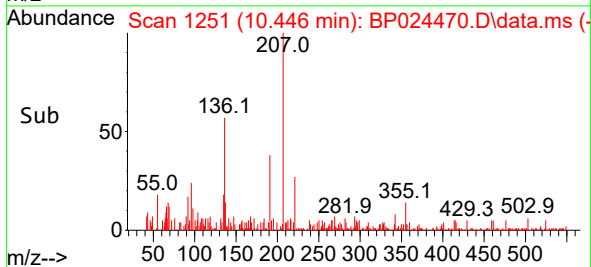
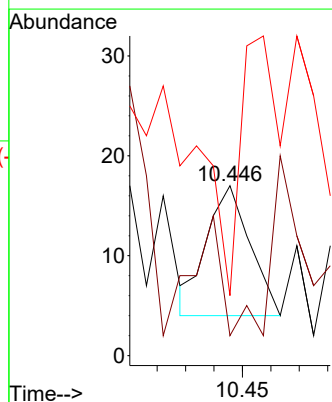
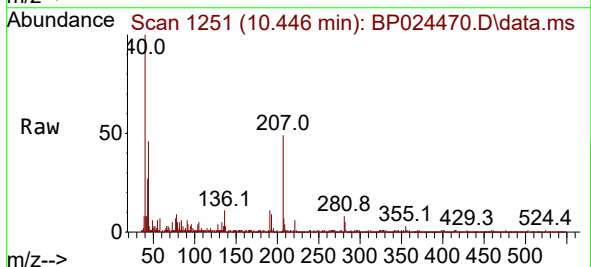
Instrument :
BNA_P
ClientSampleId :
PB167773BL

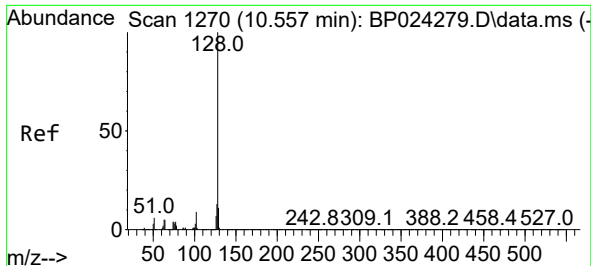
Tgt Ion:162 Resp: 12
Ion Ratio Lower Upper
162 100
164 56.0 43.3 83.3
98 128.0 16.6 56.6#



#30
1,2,4-Trichlorobenzene
Concen: 0.001 ng
RT: 10.446 min Scan# 1251
Delta R.T. 0.082 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:180 Resp: 14
Ion Ratio Lower Upper
180 100
182 100.0 77.3 115.9
145 35.3 25.1 37.7

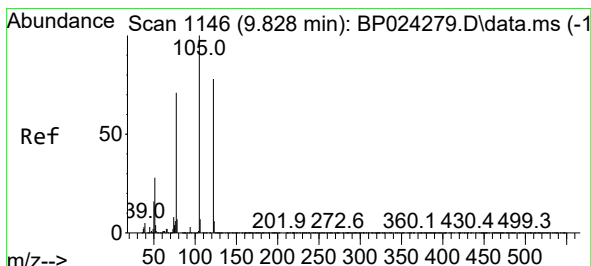
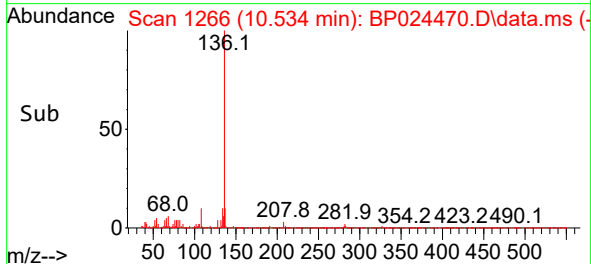
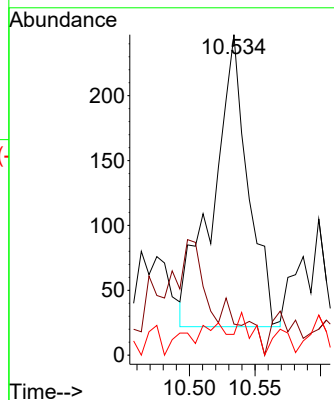
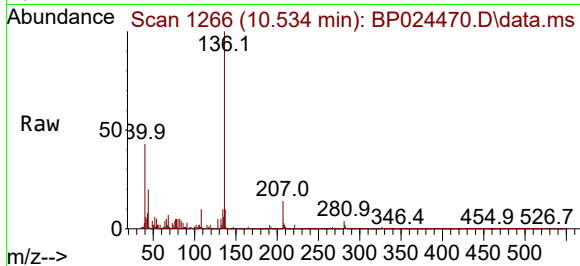




#31
Naphthalene
Concen: 0.012 ng
RT: 10.534 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

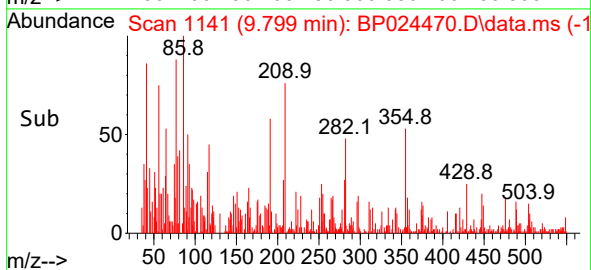
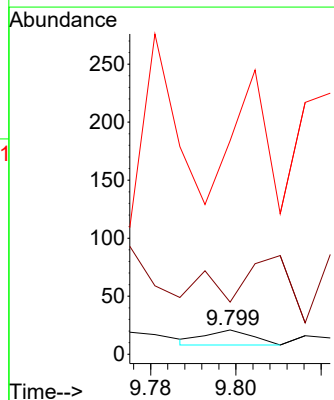
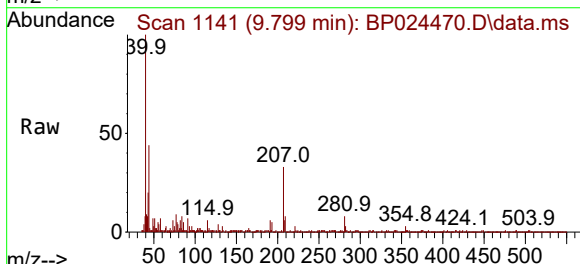
Instrument :
BNA_P
ClientSampleId :
PB167773BL

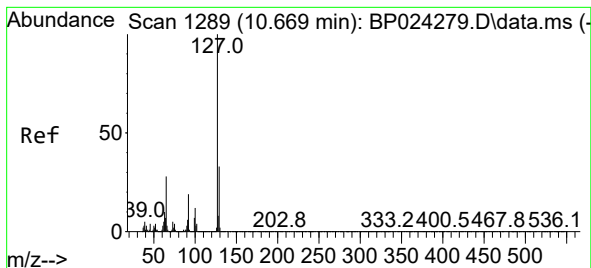
Tgt Ion:128 Resp: 416
Ion Ratio Lower Upper
128 100
129 9.7 8.6 13.0
127 6.5 10.3 15.5#



#32
Benzoic acid
Concen: 0.001 ng
RT: 9.799 min Scan# 1141
Delta R.T. -0.023 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:122 Resp: 10
Ion Ratio Lower Upper
122 100
105 214.3 104.8 144.8#
77 876.2 69.2 109.2#





#33

4-Chloroaniline

Concen: 0.001 ng

RT: 10.640 min Scan# 11

Delta R.T. -0.023 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

Tgt Ion:127 Resp: 17

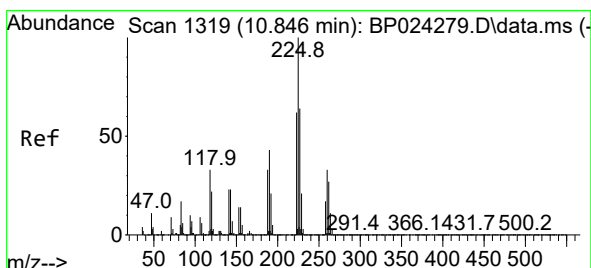
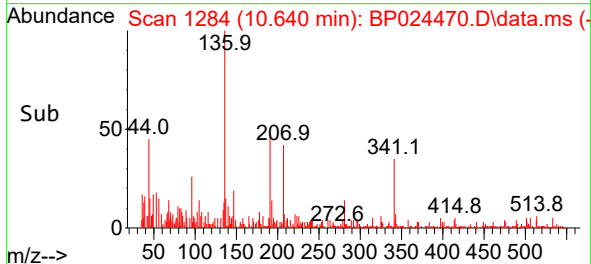
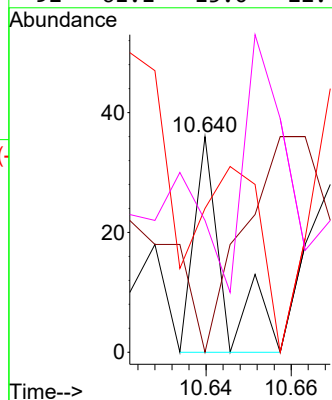
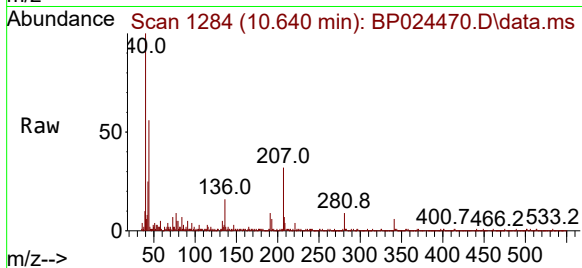
Ion Ratio Lower Upper

127 100

129 0.0 26.1 39.1#

65 66.7 22.1 33.1#

92 61.1 15.0 22.4#



#34

Hexachlorobutadiene

Concen: 0.006 ng

RT: 10.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

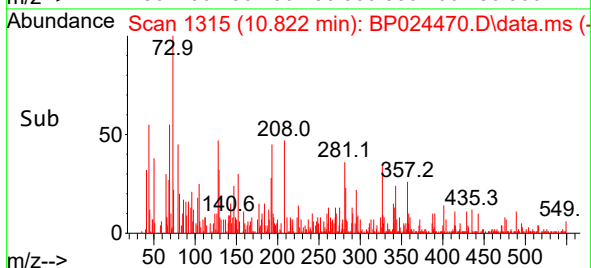
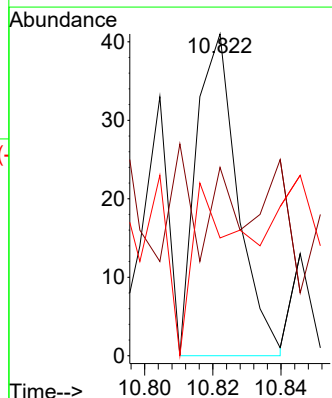
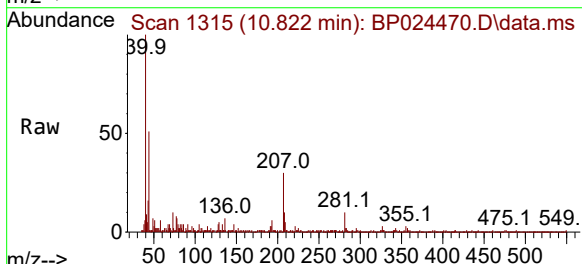
Tgt Ion:225 Resp: 35

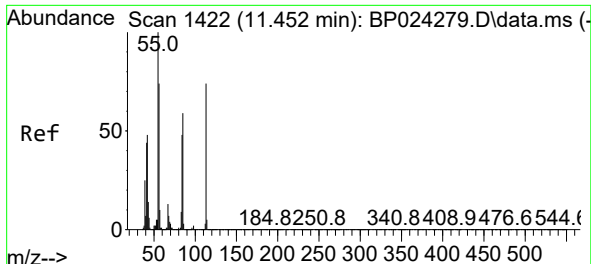
Ion Ratio Lower Upper

225 100

223 53.3 49.5 74.3

227 33.3 50.9 76.3#

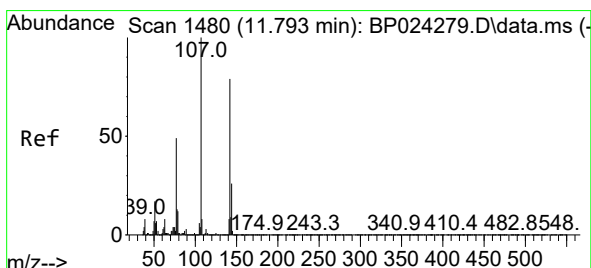
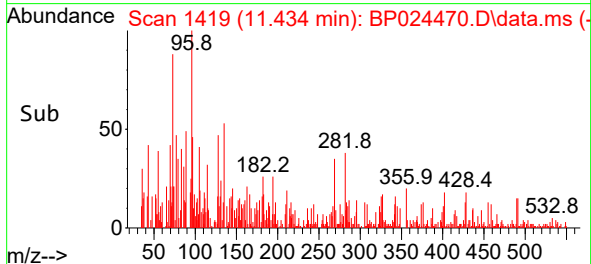
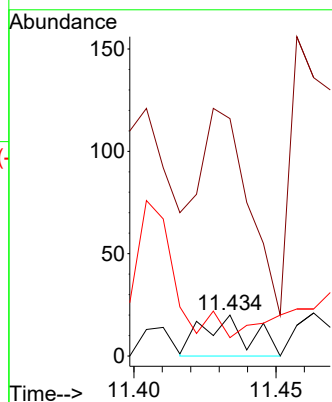
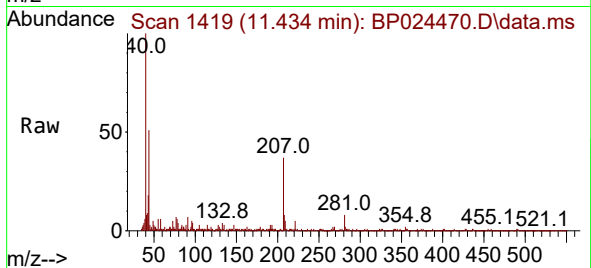




#35
Caprolactam
Concen: 0.007 ng
RT: 11.434 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

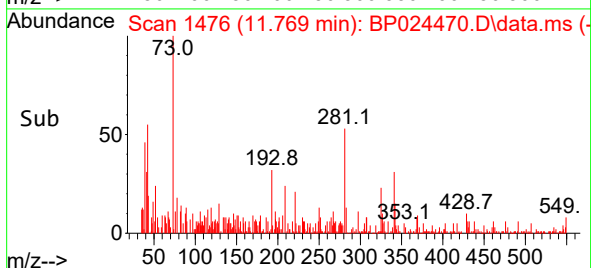
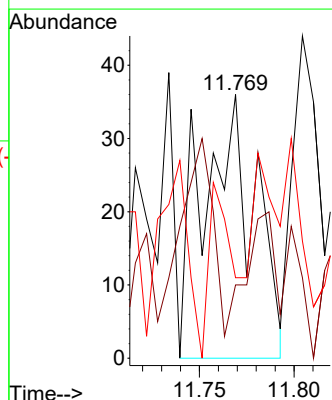
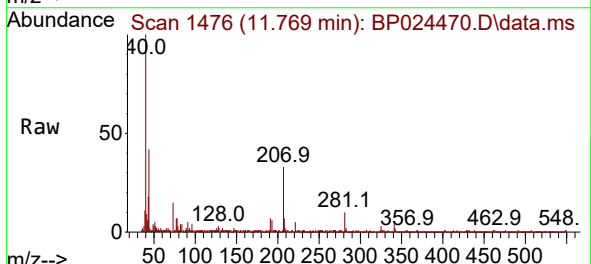
Instrument :
BNA_P
ClientSampleId :
PB167773BL

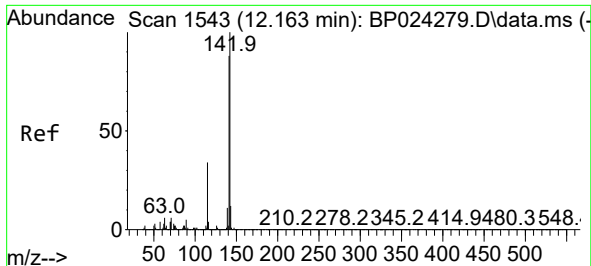
Tgt Ion:113 Resp: 23
Ion Ratio Lower Upper
113 100
55 580.0 115.9 155.9#
56 45.0 81.1 121.1#



#36
4-Chloro-3-methylphenol
Concen: 0.006 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.023 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:107 Resp: 68
Ion Ratio Lower Upper
107 100
144 27.8 20.5 30.7
142 30.6 63.4 95.2#

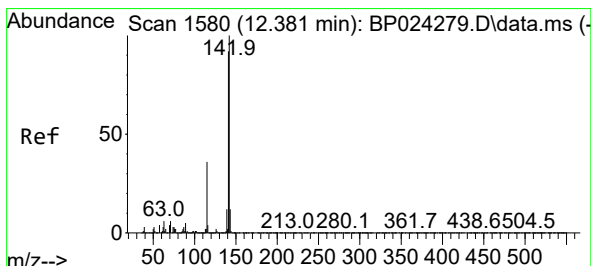
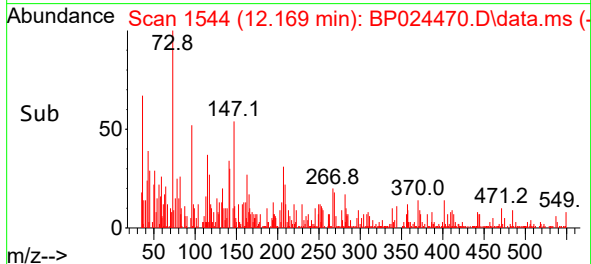
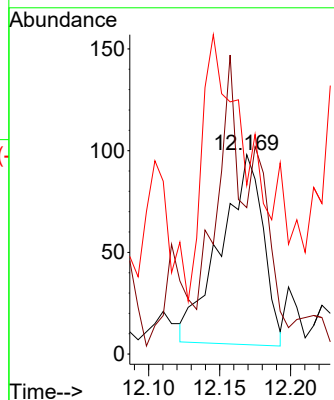
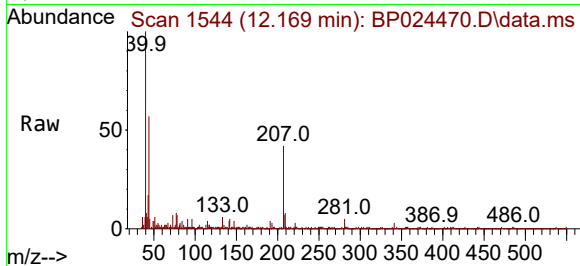




#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 12.169 min Scan# 1543
Delta R.T. 0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

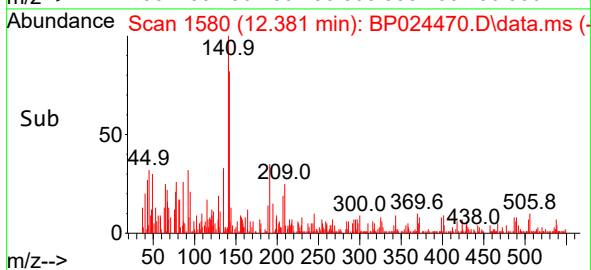
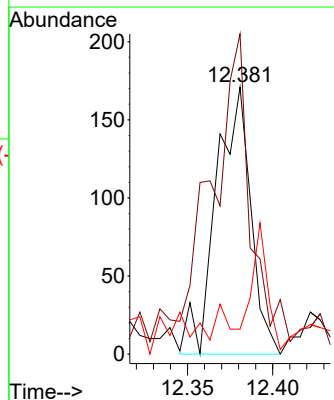
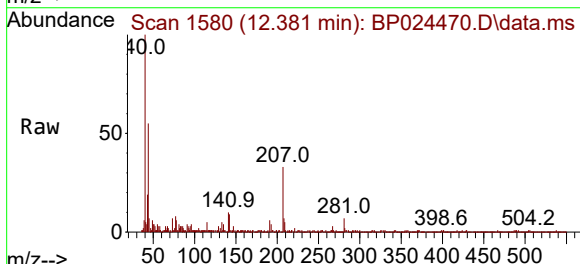
Instrument :
BNA_P
ClientSampleId :
PB167773BL

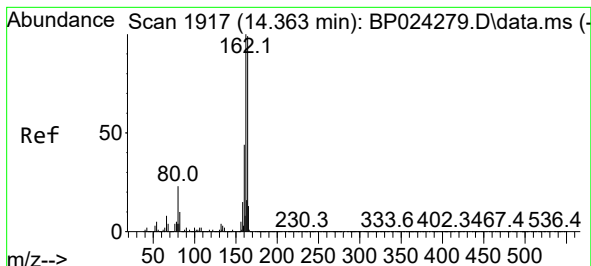
Tgt Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
141 73.5 70.3 105.5
115 84.7 26.9 40.3#



#38
1-Methylnaphthalene
Concen: 0.011 ng
RT: 12.381 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
141 119.9 73.6 110.4#
116 9.4 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

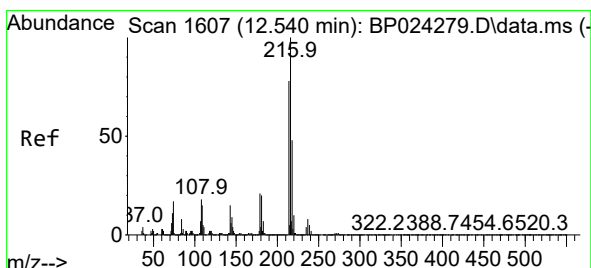
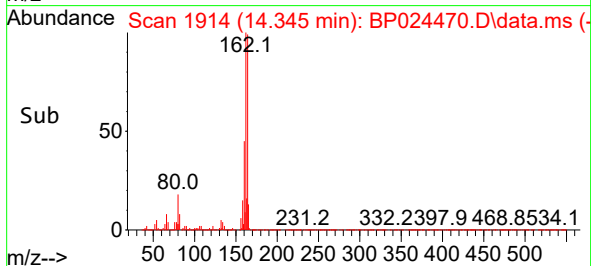
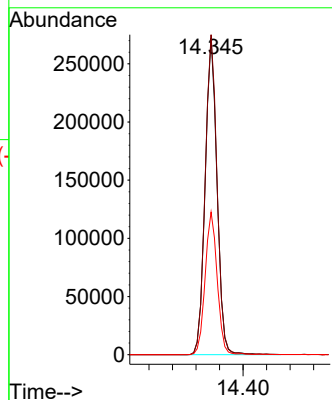
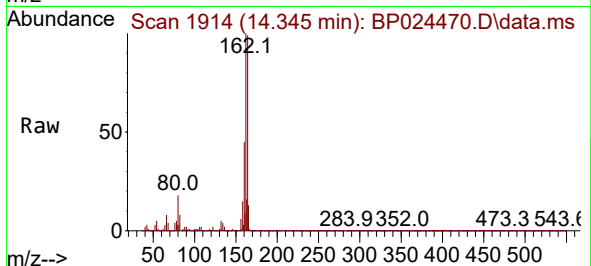
Tgt Ion:164 Resp: 381220

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 45.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.004 ng

RT: 12.516 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Tgt Ion:216 Resp: 37

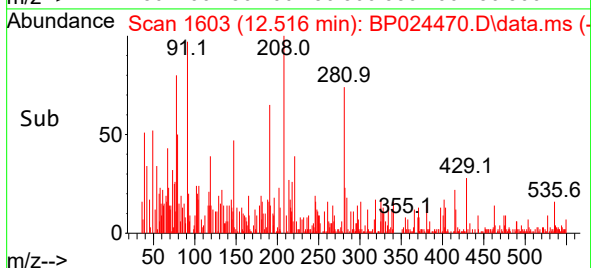
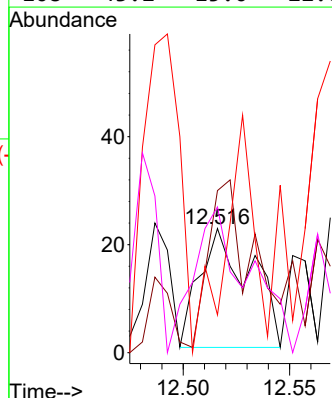
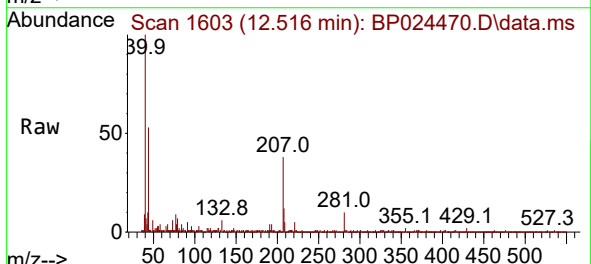
Ion Ratio Lower Upper

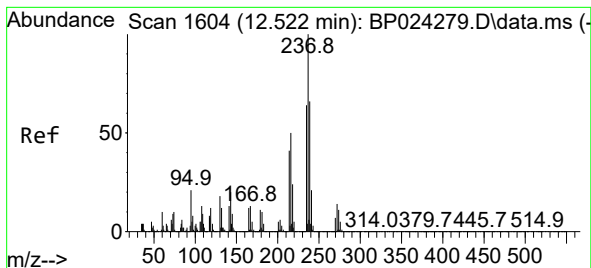
216 100

214 118.9 62.6 93.8#

179 81.1 17.2 25.8#

108 43.2 15.0 22.6#





#41

Hexachlorocyclopentadiene

Concen: 0.004 ng

RT: 12.522 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

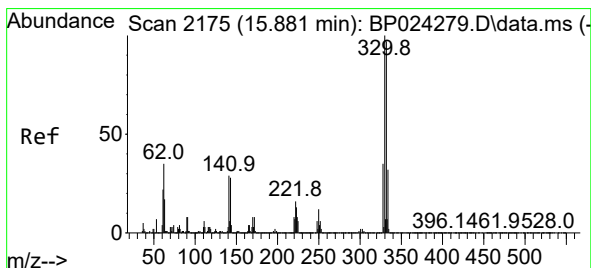
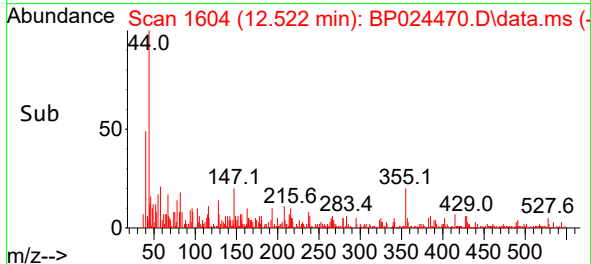
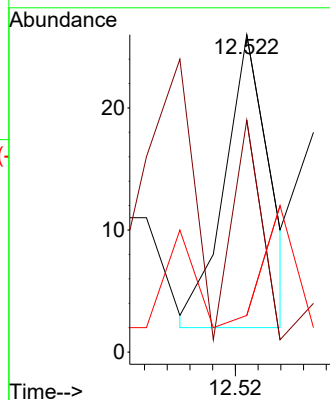
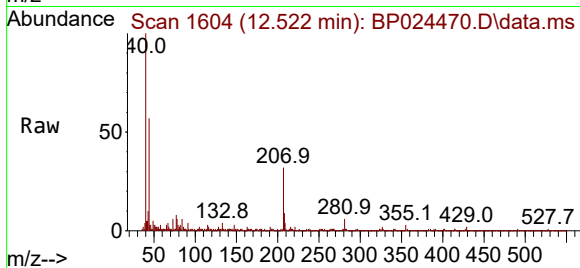
Tgt Ion:237 Resp: 13

Ion Ratio Lower Upper

237 100

235 73.1 43.9 83.9

272 11.5 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 159.234 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

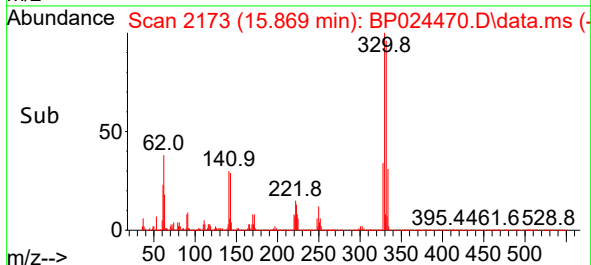
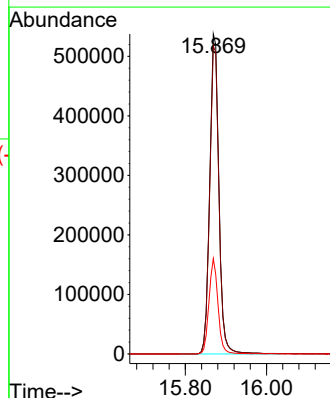
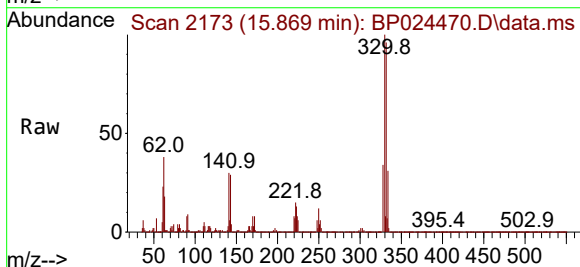
Tgt Ion:330 Resp: 839863

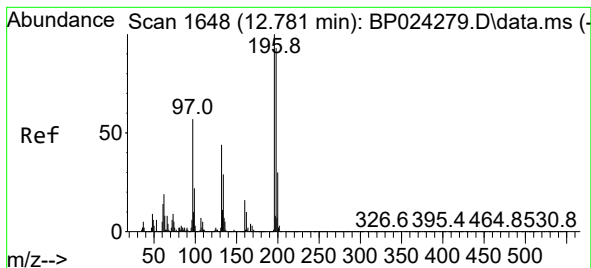
Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 29.3 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 0.002 ng

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

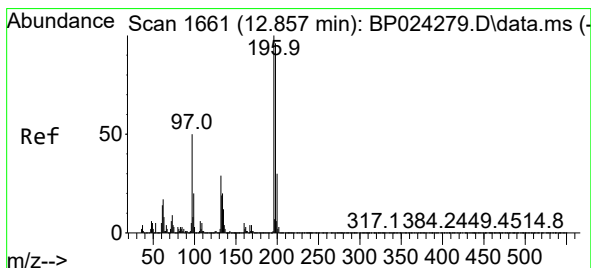
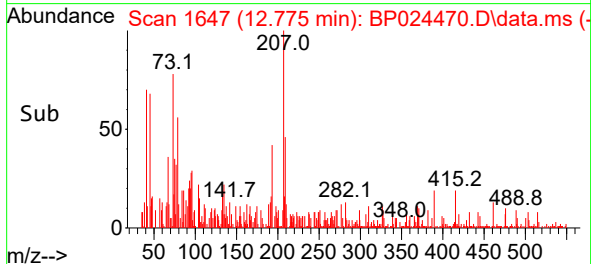
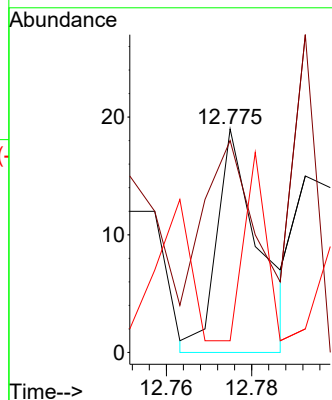
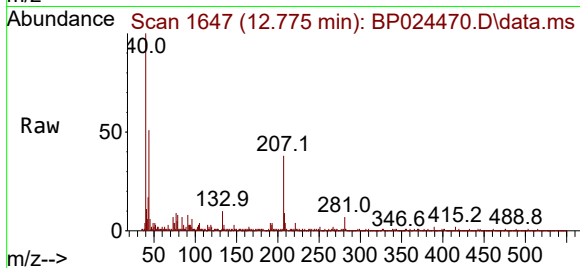
Tgt Ion:196 Resp: 13

Ion Ratio Lower Upper

196 100

198 94.7 74.3 111.5

200 100.0 24.0 36.0#



#44

2,4,5-Trichlorophenol

Concen: 0.001 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Tgt Ion:196 Resp: 9

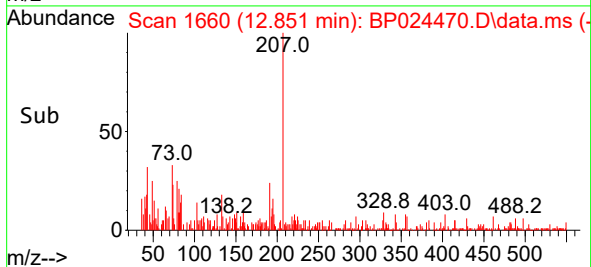
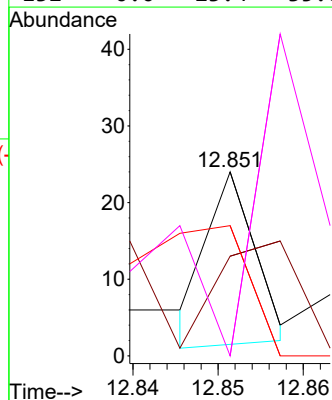
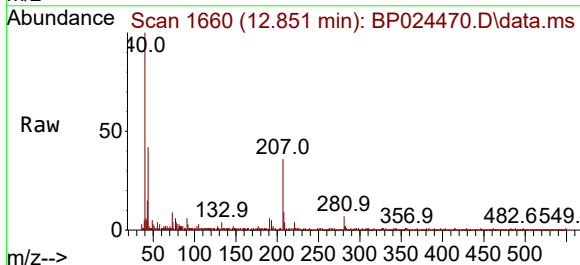
Ion Ratio Lower Upper

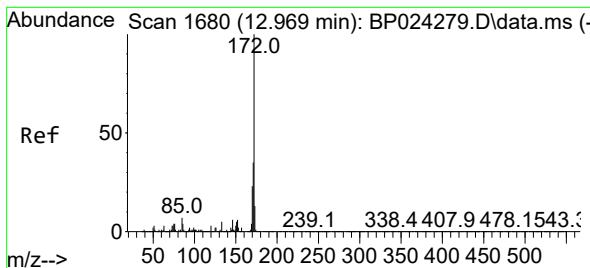
196 100

198 54.2 77.3 115.9#

97 70.8 40.4 60.6#

132 0.0 23.4 35.0#





#45

2-Fluorobiphenyl

Concen: 91.021 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

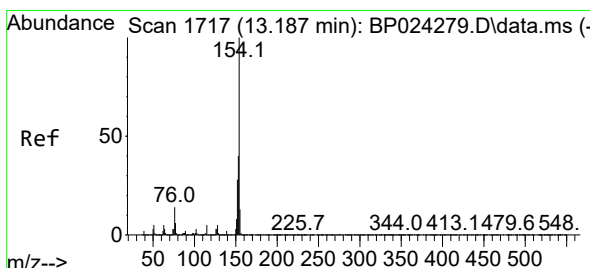
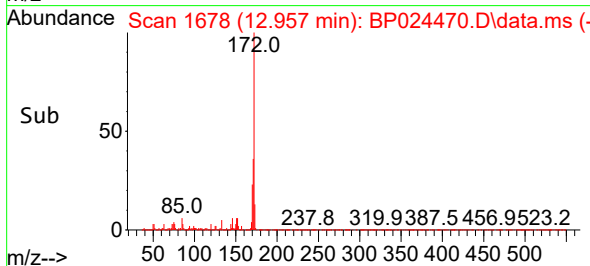
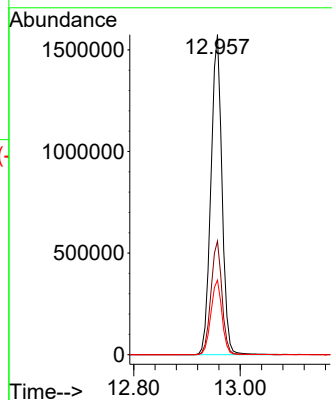
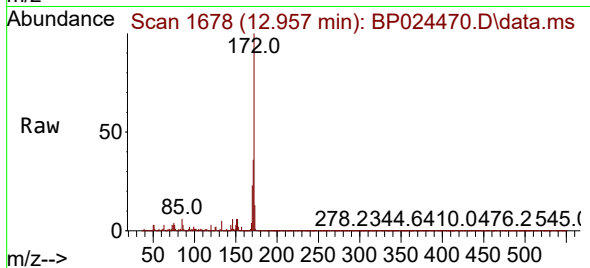
Tgt Ion:172 Resp: 2266257

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 0.012 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

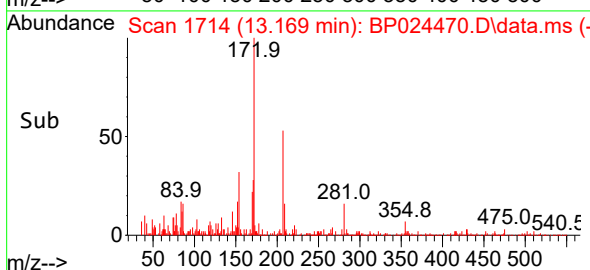
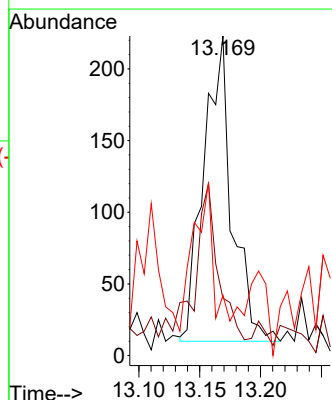
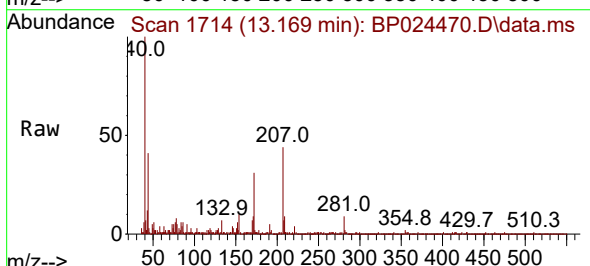
Tgt Ion:154 Resp: 345

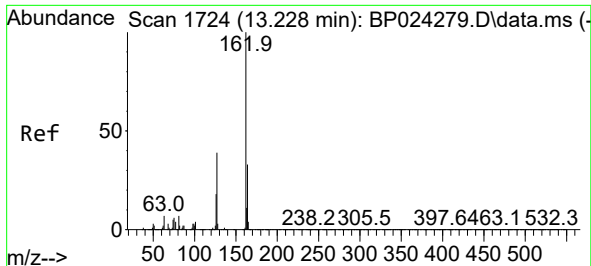
Ion Ratio Lower Upper

154 100

153 17.9 20.3 60.3#

76 18.8 0.0 33.5

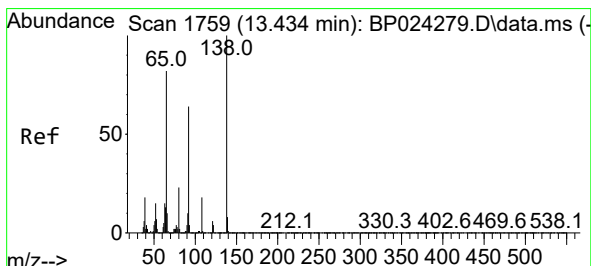
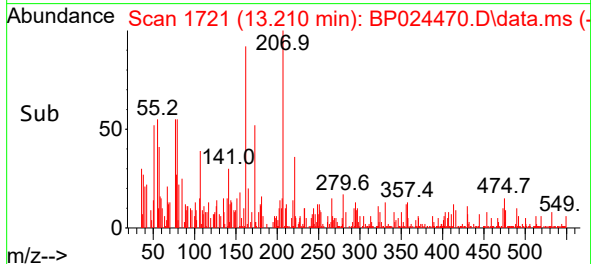
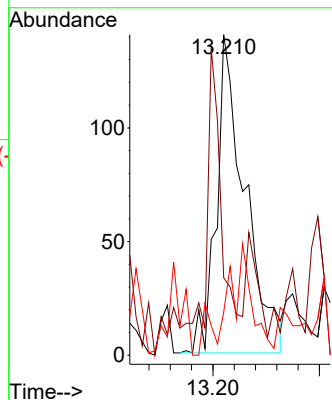
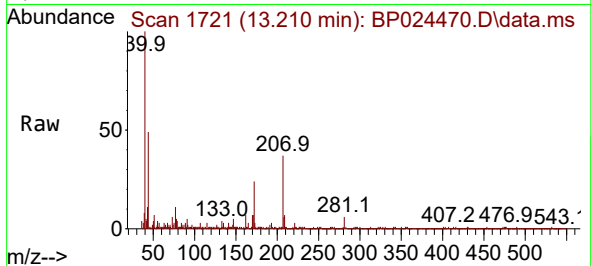




#47
2-Chloronaphthalene
Concen: 0.012 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

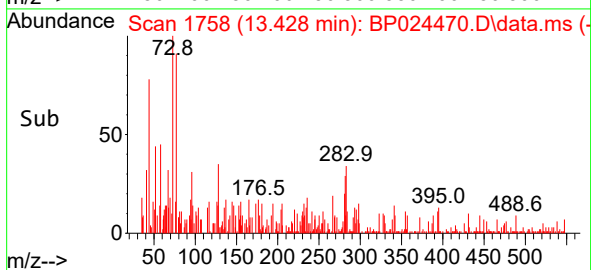
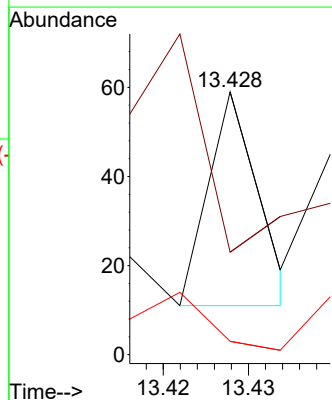
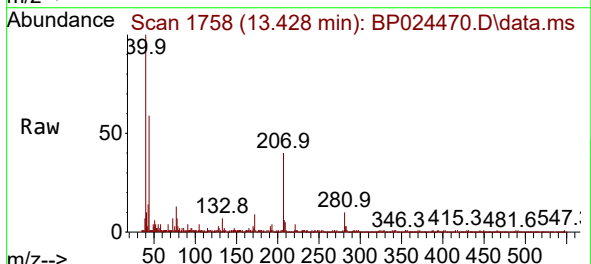
Instrument :
BNA_P
ClientSampleId :
PB167773BL

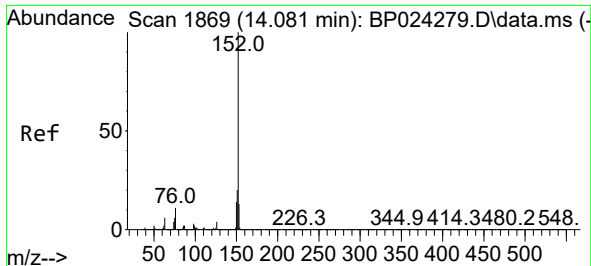
Tgt Ion:162 Resp: 258
Ion Ratio Lower Upper
162 100
127 24.1 31.9 47.9#
164 13.5 26.2 39.4#



#48
2-Nitroaniline
Concen: 0.003 ng
RT: 13.428 min Scan# 1758
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion: 65 Resp: 20
Ion Ratio Lower Upper
65 100
92 66.1 62.3 93.5
138 5.1 97.2 145.8#

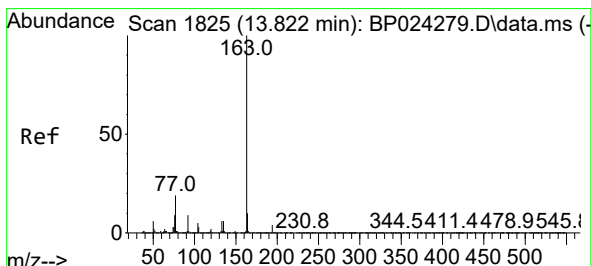
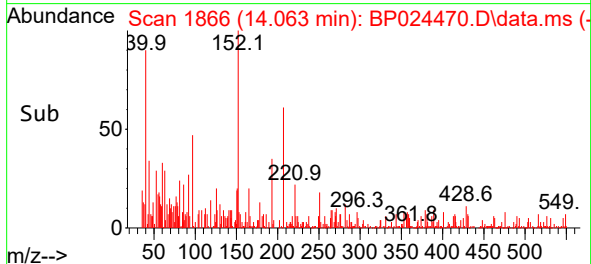
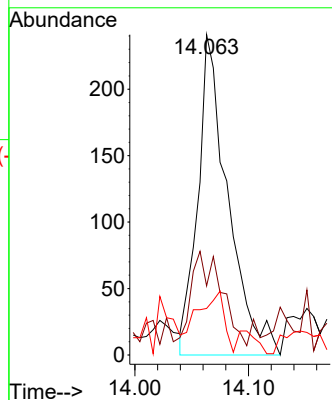
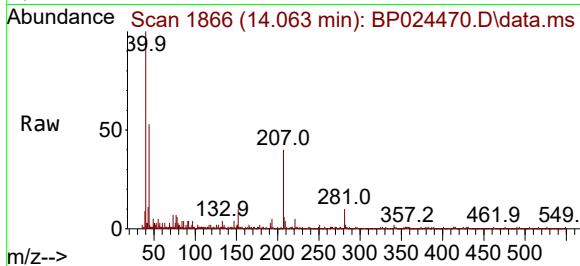




#49
Acenaphthylene
Concen: 0.013 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

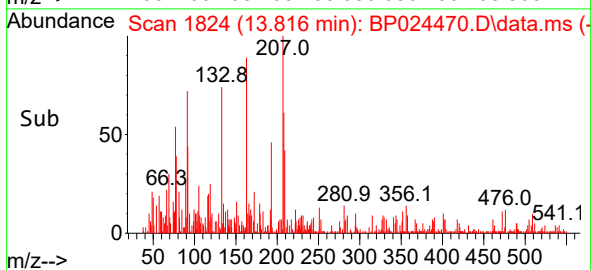
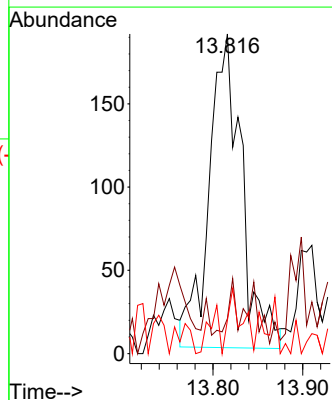
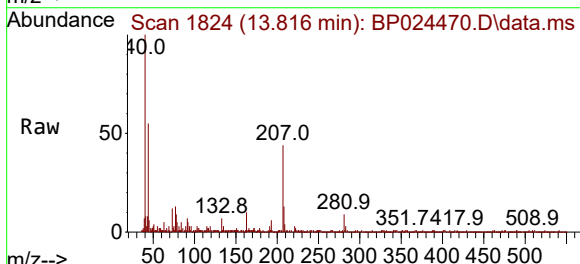
Instrument :
BNA_P
ClientSampleId :
PB167773BL

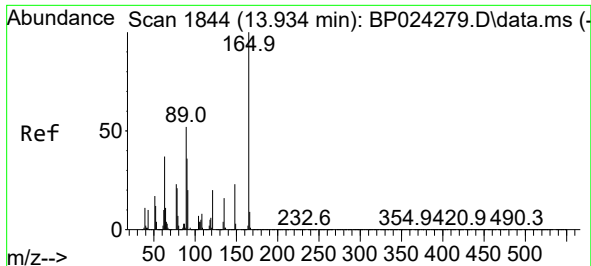
Tgt Ion:	152	Resp:	443
Ion Ratio	Lower	Upper	
152	100		
151	21.6	15.9	23.9
153	14.5	10.6	15.8



#50
Dimethylphthalate
Concen: 0.017 ng
RT: 13.816 min Scan# 1824
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:	163	Resp:	476
Ion Ratio	Lower	Upper	
163	100		
194	10.9	3.5	5.3
164	10.4	8.0	12.0

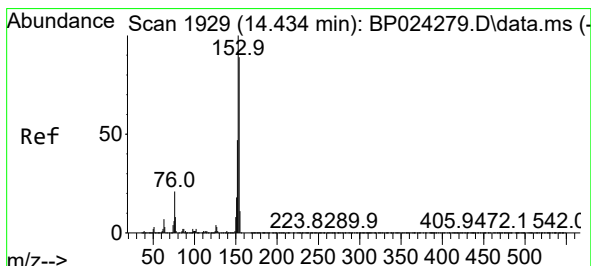
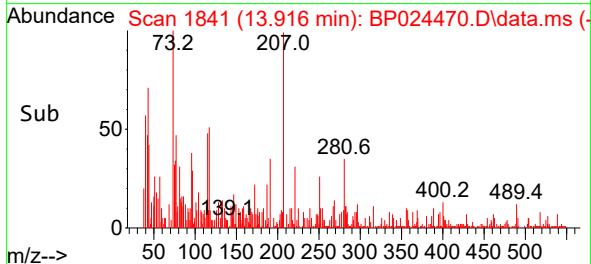
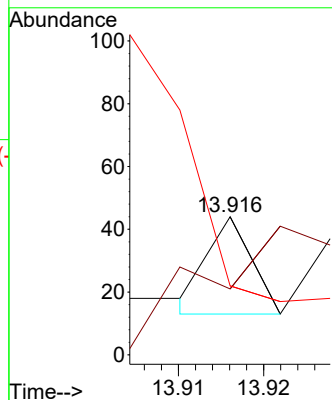
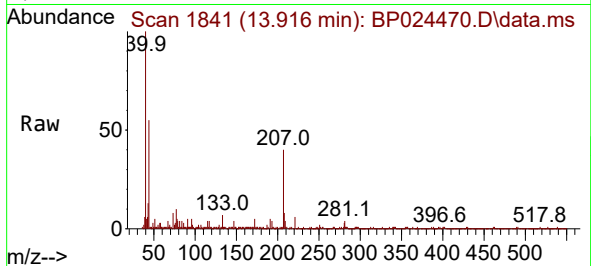




#51
2,6-Dinitrotoluene
Concen: 0.002 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

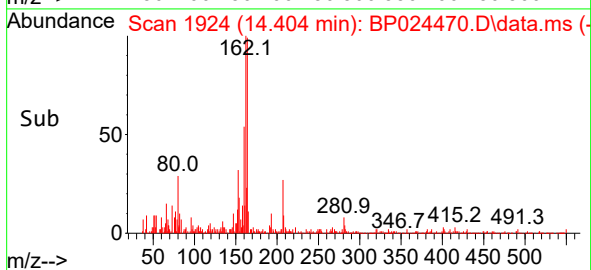
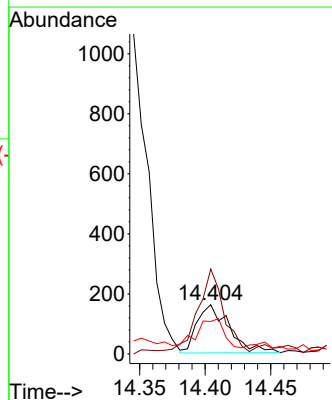
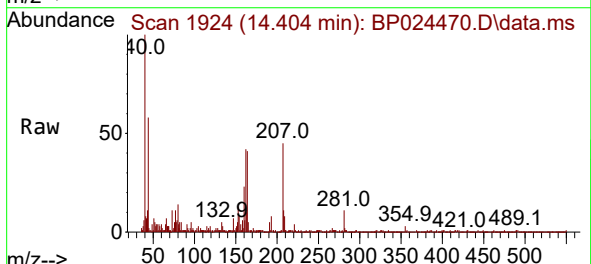
Instrument :
BNA_P
ClientSampleId :
PB167773BL

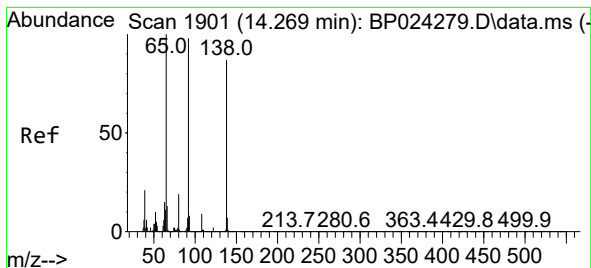
Tgt Ion:165 Resp: 11
Ion Ratio Lower Upper
165 100
63 47.7 38.0 57.0
89 50.0 41.7 62.5



#52
Acenaphthene
Concen: 0.013 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:154 Resp: 278
Ion Ratio Lower Upper
154 100
153 172.6 89.8 134.6#
152 65.9 42.6 63.8#

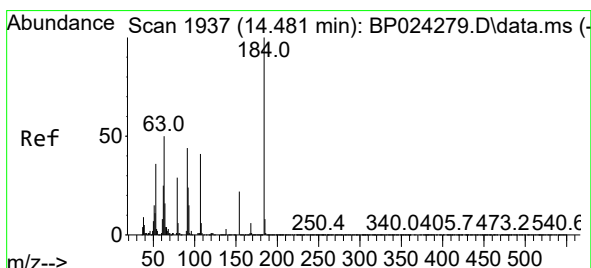
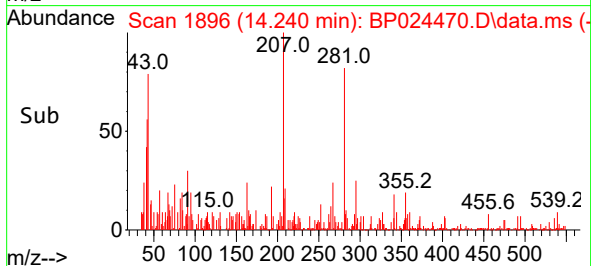
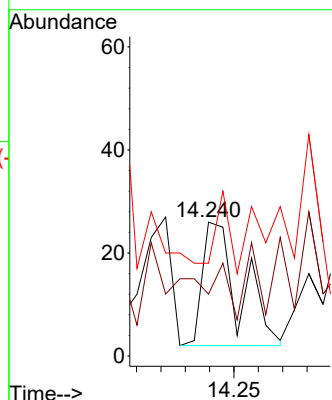
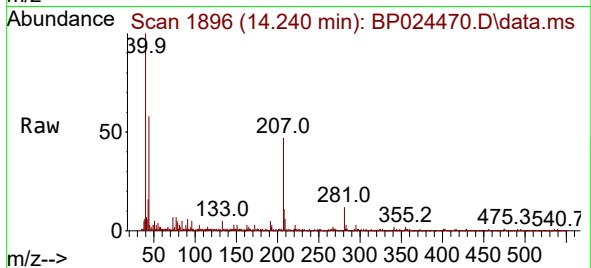




#53
3-Nitroaniline
Concen: 0.004 ng
RT: 14.240 min Scan# 1896
Delta R.T. -0.023 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

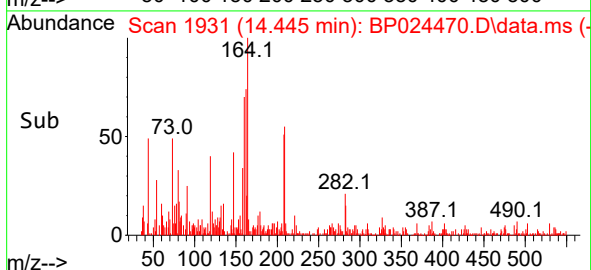
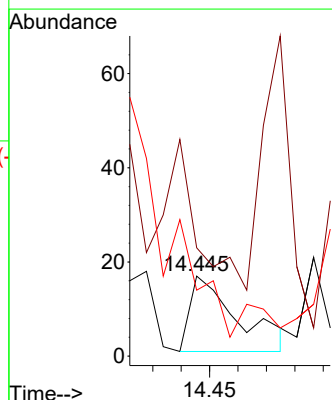
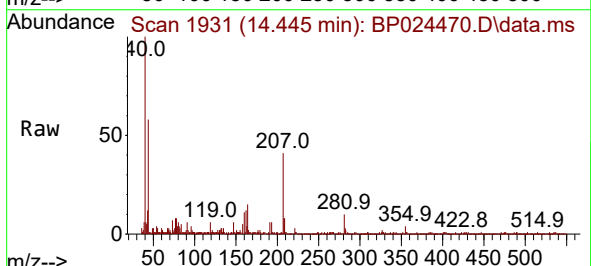
Instrument :
BNA_P
ClientSampleId :
PB167773BL

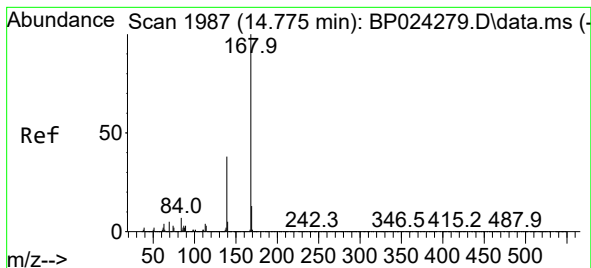
Tgt Ion:138 Resp: 25
Ion Ratio Lower Upper
138 100
108 46.2 8.3 12.5#
92 126.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 0.005 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.023 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 135.3 42.6 64.0#
154 82.4 47.2 70.8#





#55

Dibenzenofuran

Concen: 0.013 ng

RT: 14.769 min Scan# 1986

Delta R.T. 0.012 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

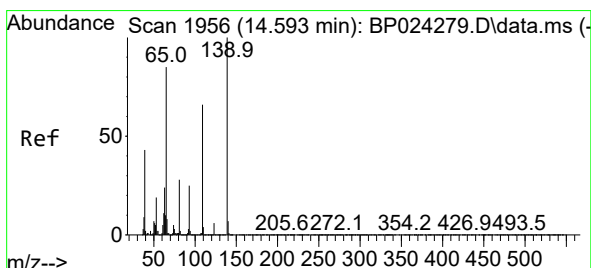
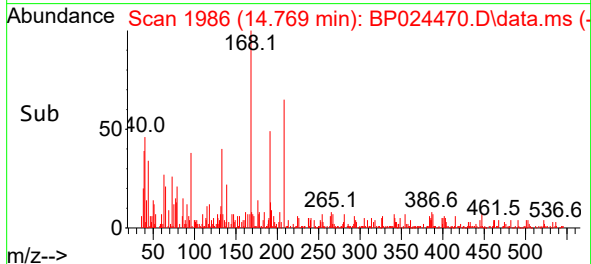
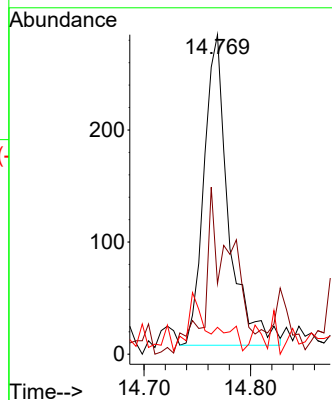
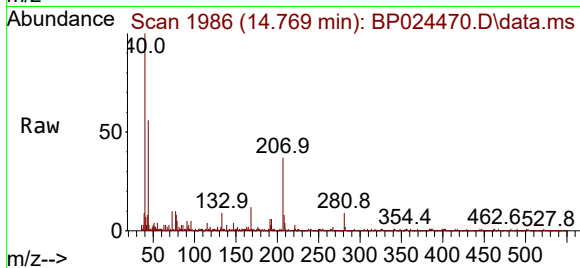
Tgt Ion:168 Resp: 444

Ion Ratio Lower Upper

168 100

139 22.1 30.3 45.5#

169 8.4 10.6 16.0#



#56

4-Nitrophenol

Concen: 0.001 ng

RT: 14.704 min Scan# 1975

Delta R.T. 0.112 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

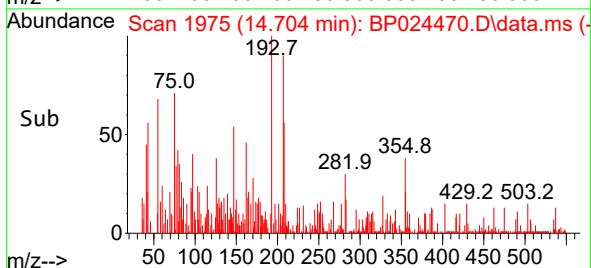
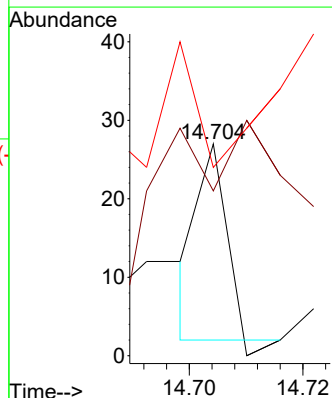
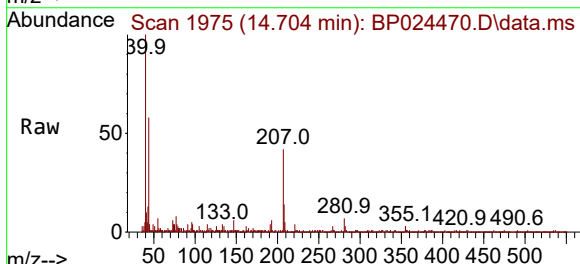
Tgt Ion:139 Resp: 8

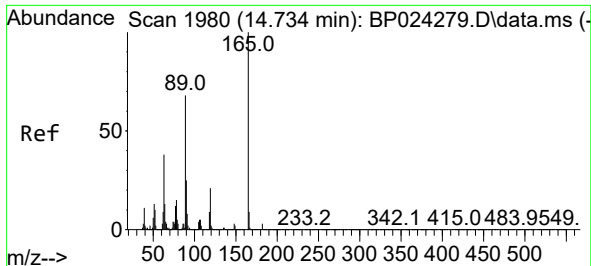
Ion Ratio Lower Upper

139 100

109 77.8 46.1 86.1

65 88.9 65.0 105.0

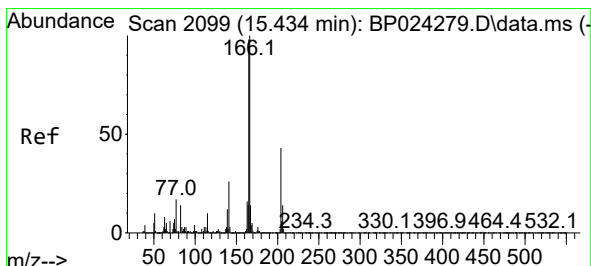
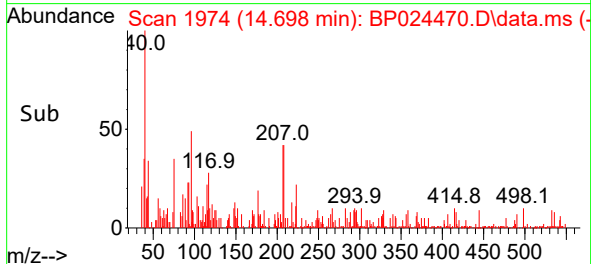
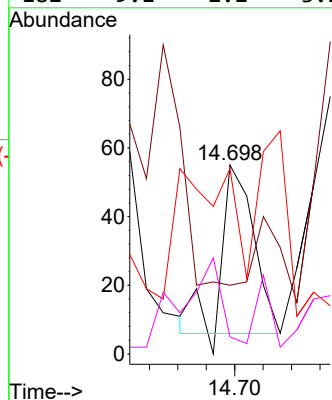
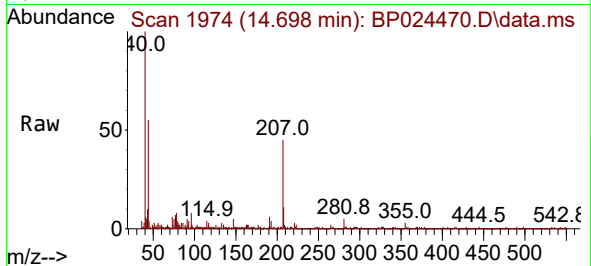




#57
2,4-Dinitrotoluene
Concen: 0.005 ng
RT: 14.698 min Scan# 1980
Delta R.T. -0.023 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

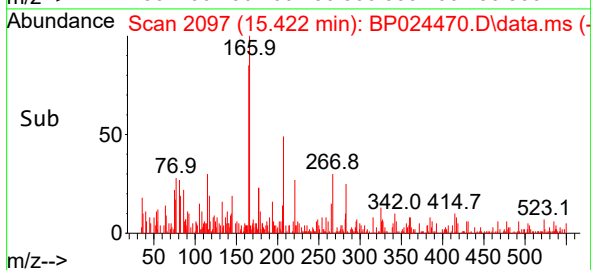
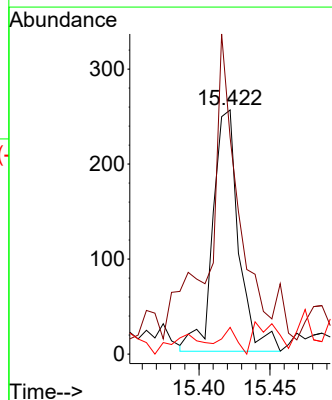
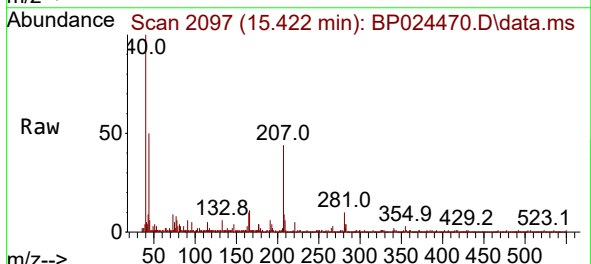
Instrument :
BNA_P
ClientSampleId :
PB167773BL

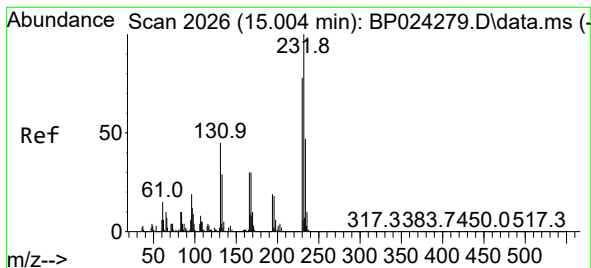
Tgt Ion:165 Resp: 39
Ion Ratio Lower Upper
165 100
63 36.4 30.4 45.6
89 140.0 54.6 82.0#
182 9.1 2.2 3.2#



#58
Fluorene
Concen: 0.012 ng
RT: 15.422 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

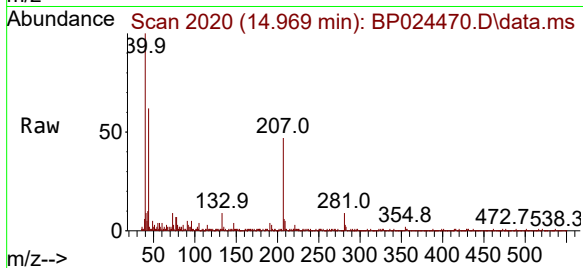
Tgt Ion:166 Resp: 320
Ion Ratio Lower Upper
166 100
165 88.7 78.1 117.1
167 10.9 10.9 16.3



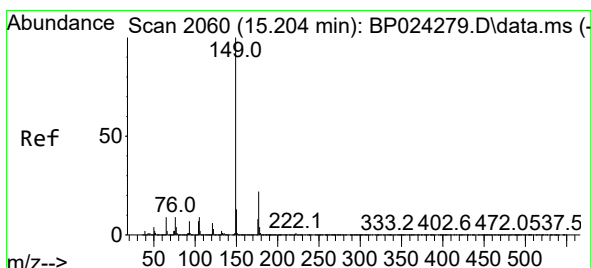
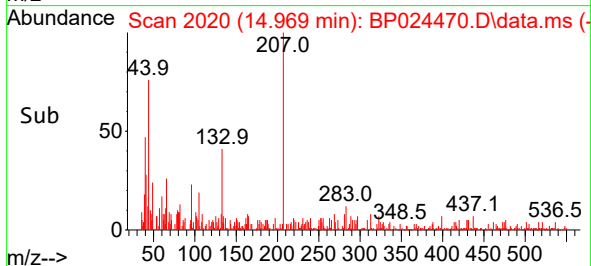
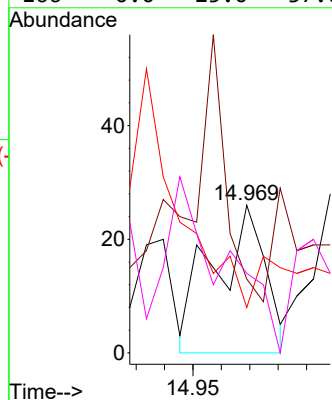


#59
2,3,4,6-Tetrachlorophenol
Concen: 0.005 ng
RT: 14.969 min Scan# 20
Delta R.T. -0.023 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Instrument :
BNA_P
ClientSampleId :
PB167773BL

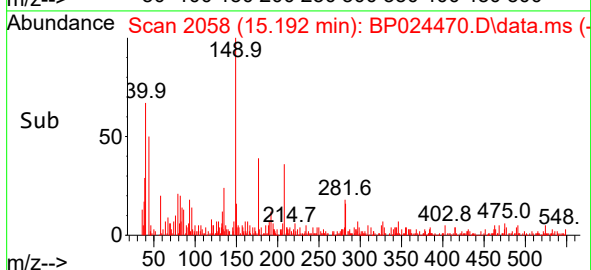
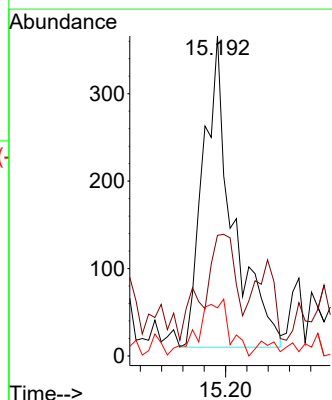
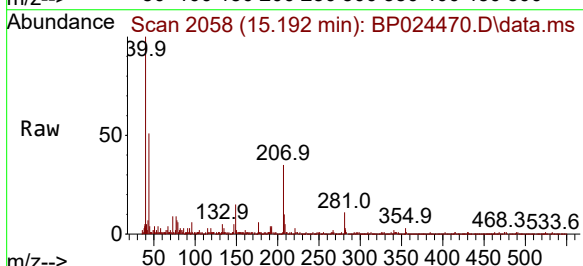


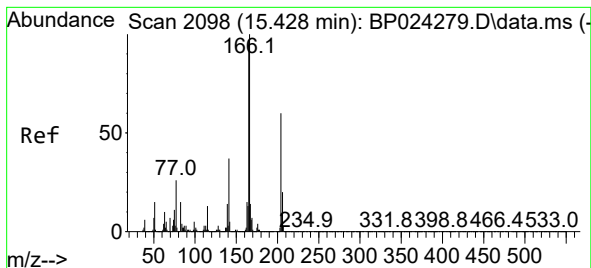
Tgt Ion:232 Resp: 33
Ion Ratio Lower Upper
232 100
131 30.3 36.8 55.2#
130 36.4 1.9 2.9#
166 0.0 25.0 37.6#



#60
Diethylphthalate
Concen: 0.024 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:149 Resp: 678
Ion Ratio Lower Upper
149 100
177 37.7 17.4 26.2#
150 15.0 10.1 15.1

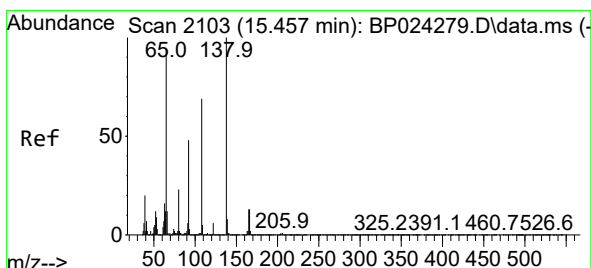
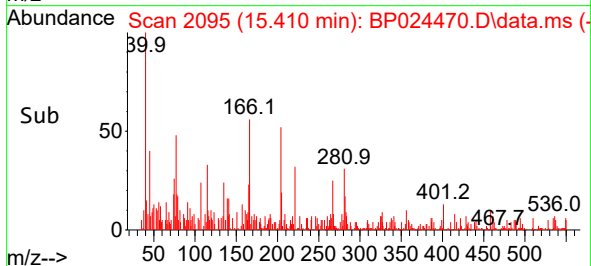
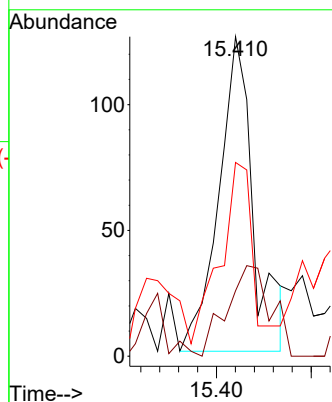
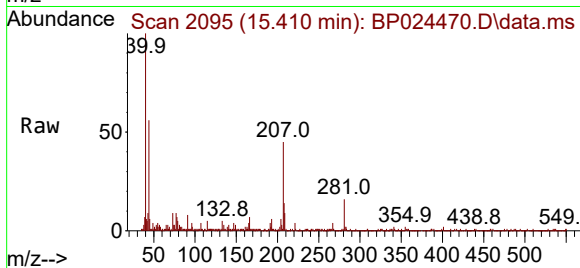




#61
4-Chlorophenyl-phenylether
Concen: 0.012 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

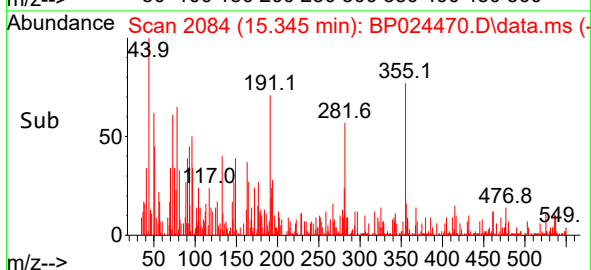
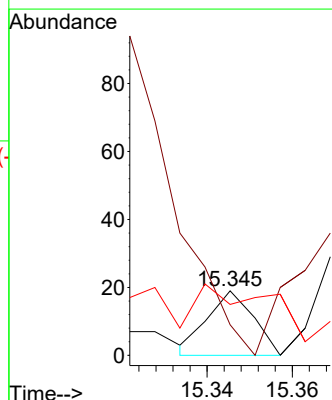
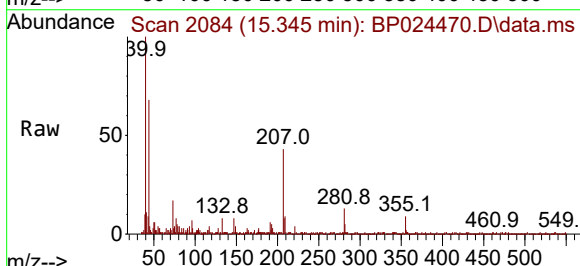
Instrument :
BNA_P
ClientSampleId :
PB167773BL

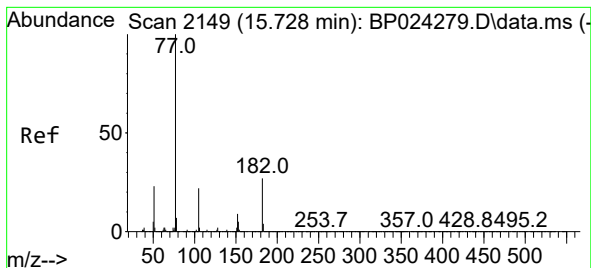
Tgt Ion:204 Resp: 159
Ion Ratio Lower Upper
204 100
206 20.5 26.5 39.7#
141 60.6 49.4 74.0



#62
4-Nitroaniline
Concen: 0.002 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.094 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
92 47.4 27.8 67.8
108 78.9 48.9 88.9





#63

Azobenzene

Concen: 0.010 ng

RT: 15.481 min Scan# 2149

Delta R.T. -0.229 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

Tgt Ion: 77 Resp: 259

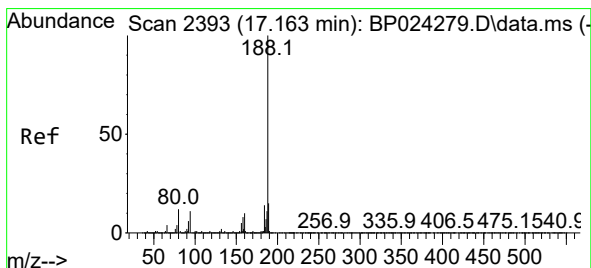
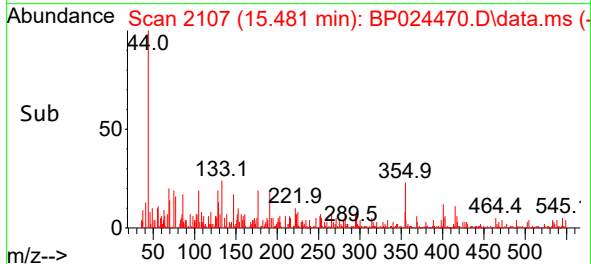
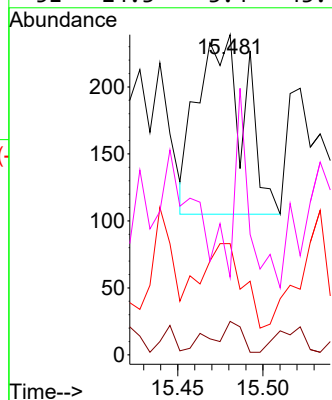
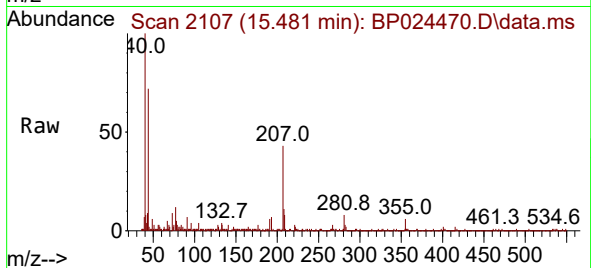
Ion Ratio Lower Upper

77 100

182 10.5 7.3 47.3

105 34.7 2.3 42.3

51 24.3 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2391

Delta R.T. 0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

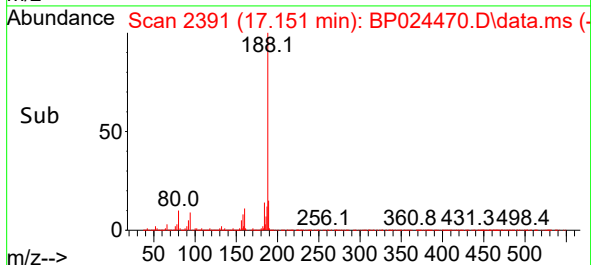
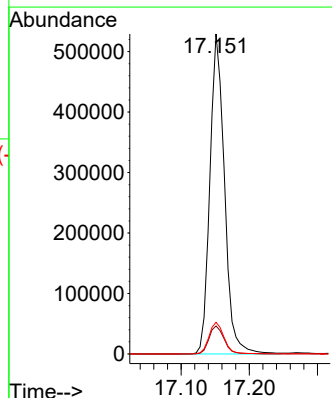
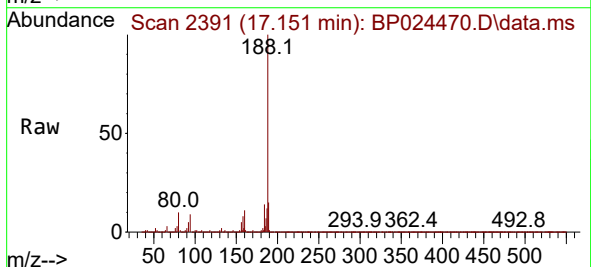
Tgt Ion: 188 Resp: 790885

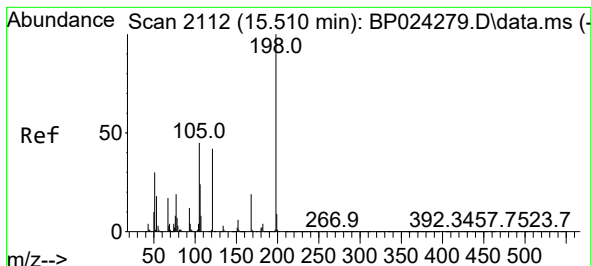
Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 9.9 9.8 14.6

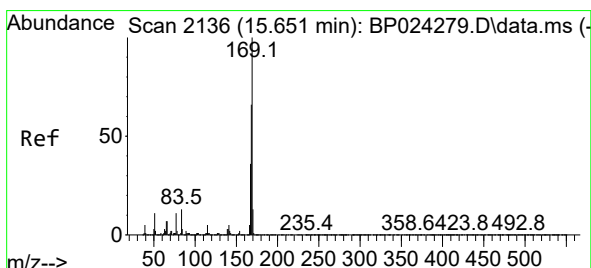
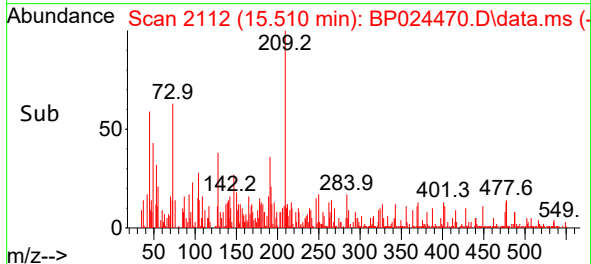
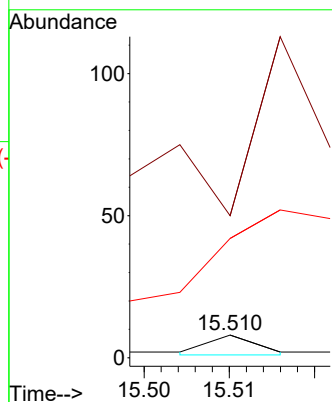
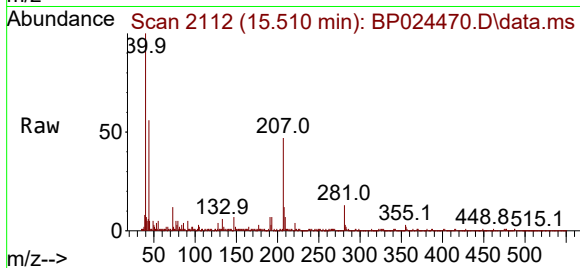




#65
4,6-Dinitro-2-methylphenol
Concen: 0.001 ng
RT: 15.510 min Scan# 2112
Delta R.T. 0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

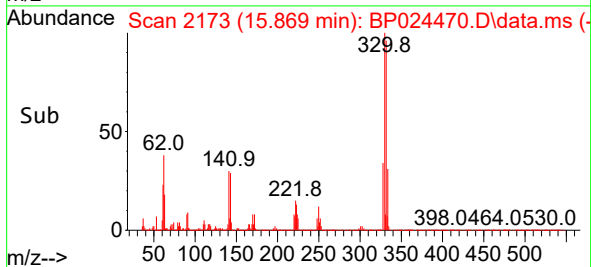
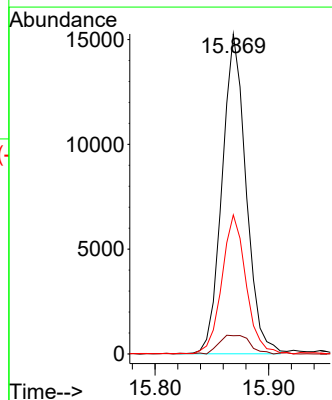
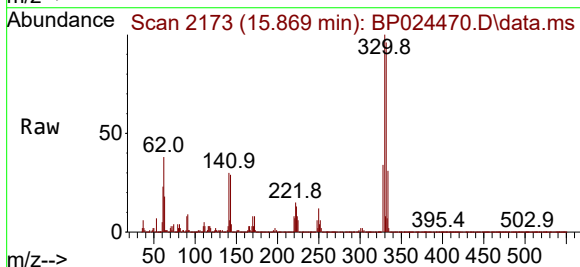
Instrument :
BNA_P
ClientSampleId :
PB167773BL

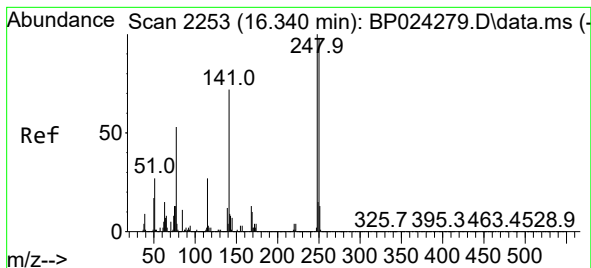
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 625.0 18.4 58.4#
105 525.0 26.5 66.5#



#66
n-Nitrosodiphenylamine
Concen: 0.947 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.241 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:169 Resp: 22345
Ion Ratio Lower Upper
169 100
168 5.7 53.0 79.4#
167 43.4 28.9 43.3#

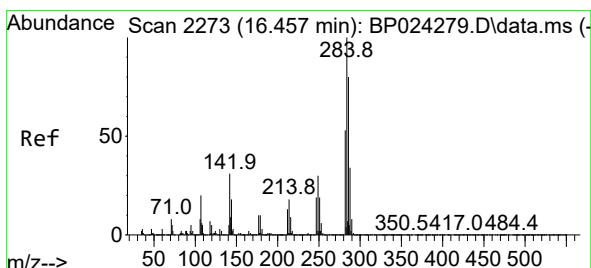
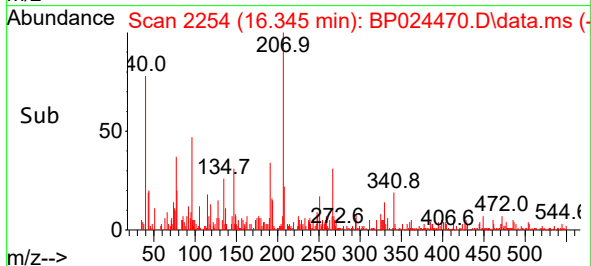
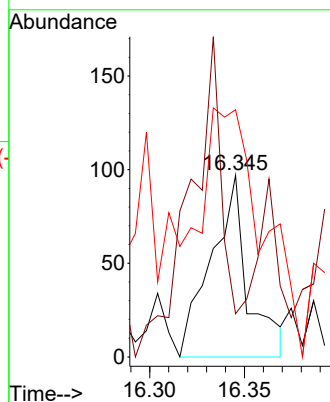
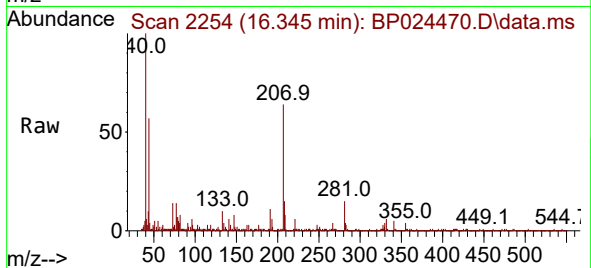




#67
4-Bromophenyl-phenylether
Concen: 0.015 ng
RT: 16.345 min Scan# 211
Delta R.T. 0.024 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

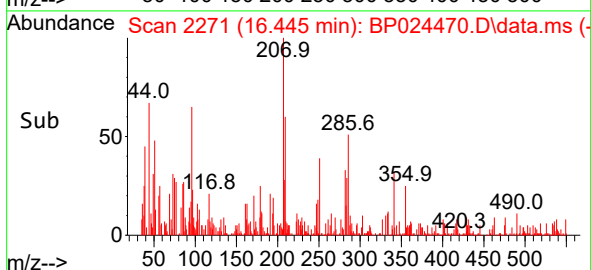
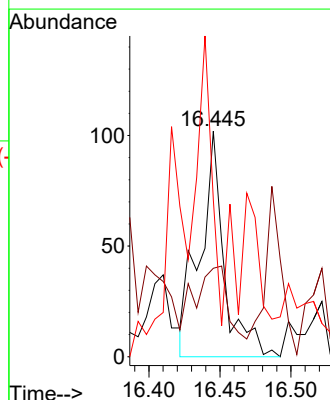
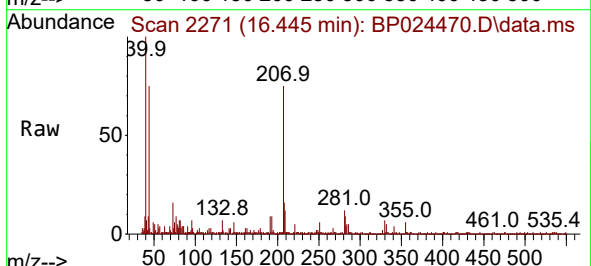
Instrument :
BNA_P
ClientSampleId :
PB167773BL

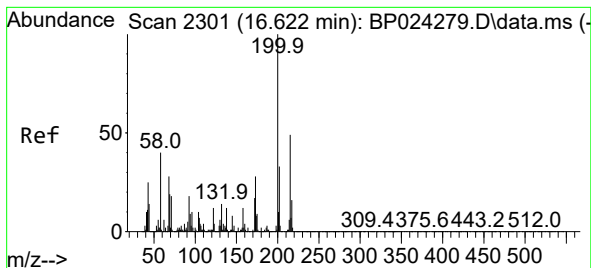
Tgt Ion:248 Resp: 130
Ion Ratio Lower Upper
248 100
250 23.7 78.2 117.4#
141 136.1 57.7 86.5#



#68
Hexachlorobenzene
Concen: 0.012 ng
RT: 16.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:284 Resp: 122
Ion Ratio Lower Upper
284 100
142 39.2 24.6 37.0#
249 69.6 23.8 35.6#





#69

Atrazine

Concen: 0.018 ng

RT: 16.639 min Scan# 21

Delta R.T. 0.030 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

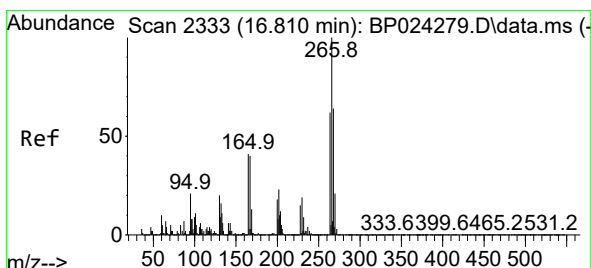
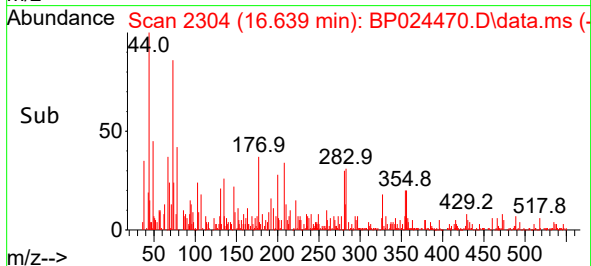
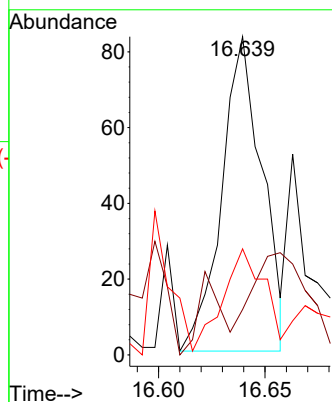
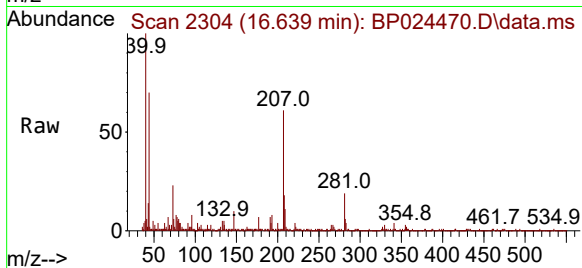
Tgt Ion:200 Resp: 110

Ion Ratio Lower Upper

200 100

173 14.3 7.5 47.5

215 33.3 28.8 68.8



#70

Pentachlorophenol

Concen: 0.112 ng

RT: 16.828 min Scan# 2336

Delta R.T. 0.029 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

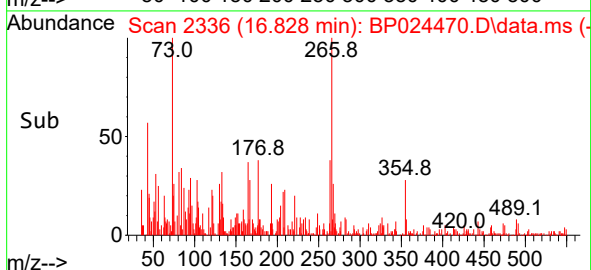
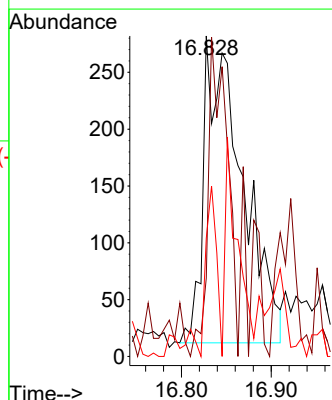
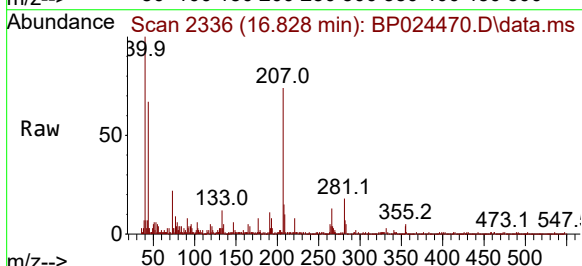
Tgt Ion:266 Resp: 801

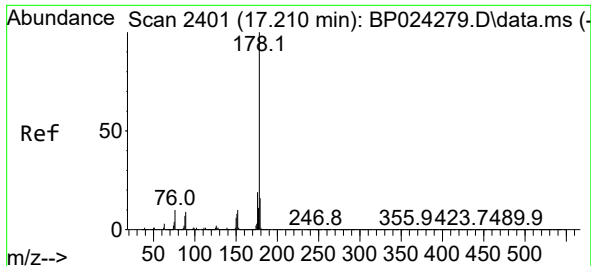
Ion Ratio Lower Upper

266 100

268 24.5 51.0 76.6#

264 36.9 49.8 74.6#

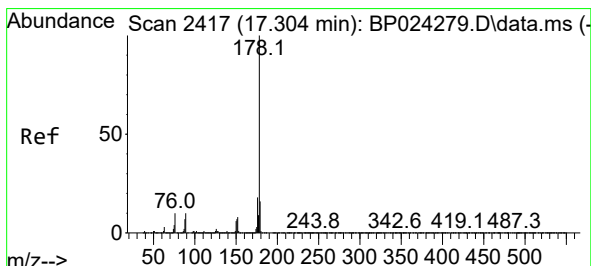
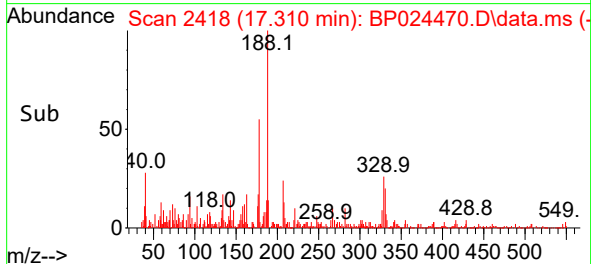
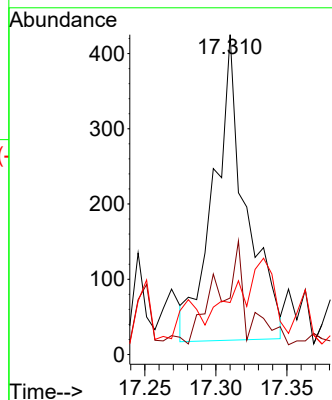
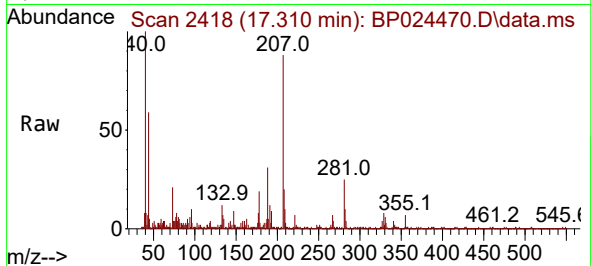




#71
Phenanthrene
Concen: 0.015 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.118 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

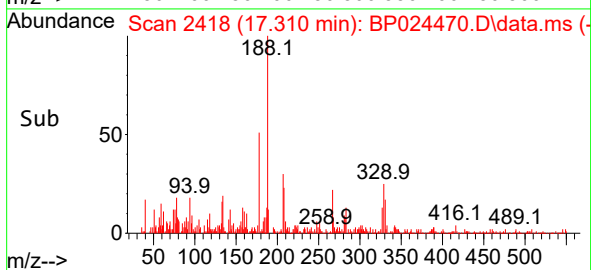
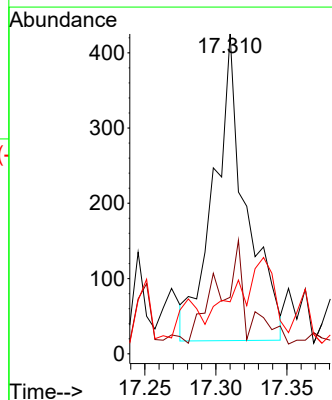
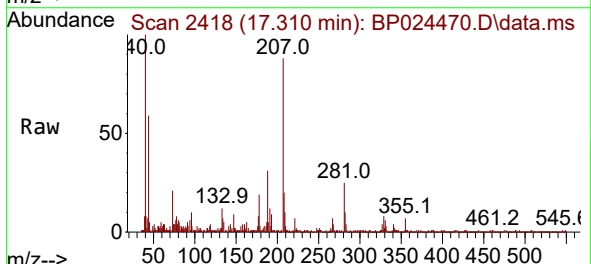
Instrument :
BNA_P
ClientSampleId :
PB167773BL

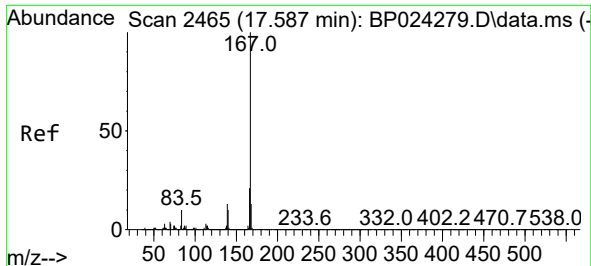
Tgt Ion:178 Resp: 631
Ion Ratio Lower Upper
178 100
176 17.6 15.4 23.0
179 16.2 12.5 18.7



#72
Anthracene
Concen: 0.015 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.024 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:178 Resp: 637
Ion Ratio Lower Upper
178 100
176 17.6 14.7 22.1
179 16.2 12.4 18.6

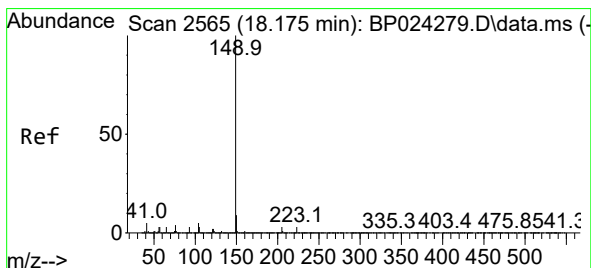
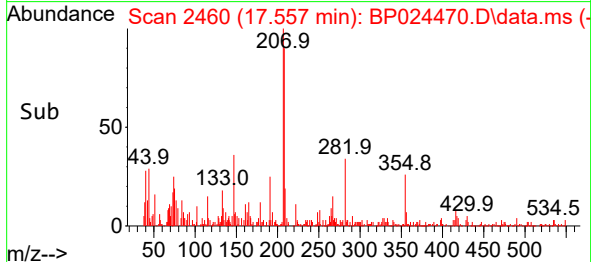
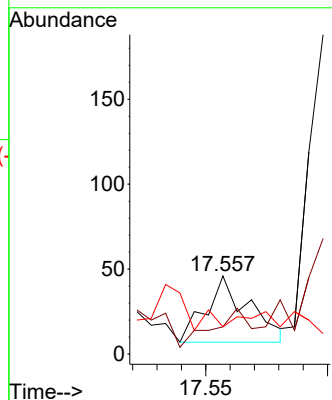
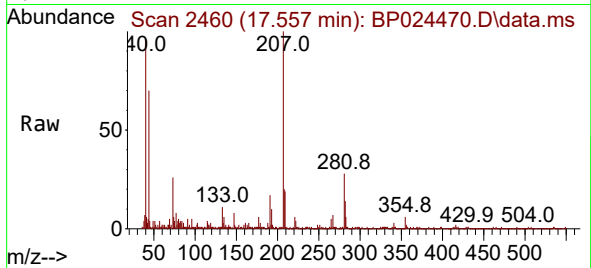




#73
 Carbazole
 Concen: 0.001 ng
 RT: 17.557 min Scan# 2460
 Delta R.T. -0.012 min
 Lab File: BP024470.D
 Acq: 30 Apr 2025 12:40

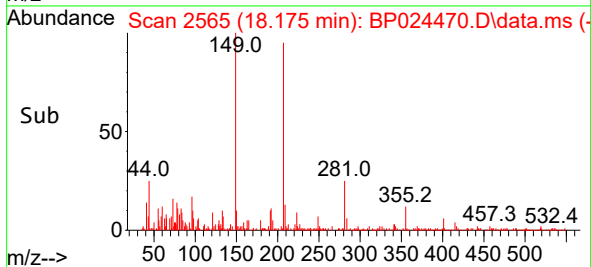
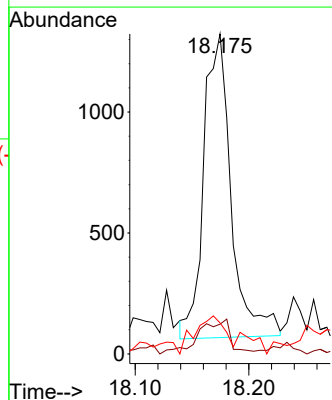
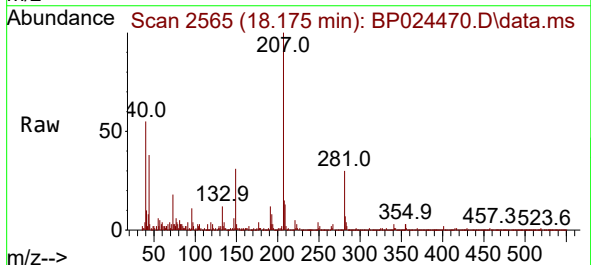
Instrument :
 BNA_P
 ClientSampleId :
 PB167773BL

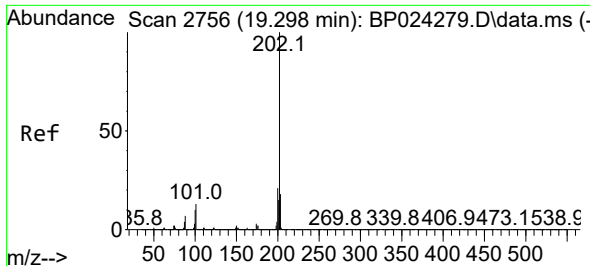
Tgt Ion:167 Resp: 48
 Ion Ratio Lower Upper
 167 100
 166 87.0 17.1 25.7#
 139 41.3 10.6 16.0#



#74
 Di-n-butylphthalate
 Concen: 0.042 ng
 RT: 18.175 min Scan# 2565
 Delta R.T. 0.018 min
 Lab File: BP024470.D
 Acq: 30 Apr 2025 12:40

Tgt Ion:149 Resp: 2106
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 9.7 3.9 5.9#

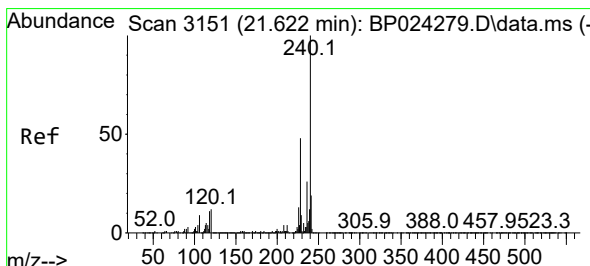
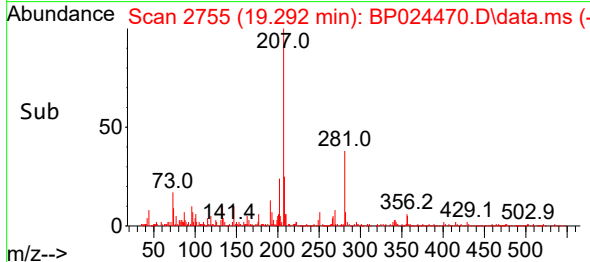
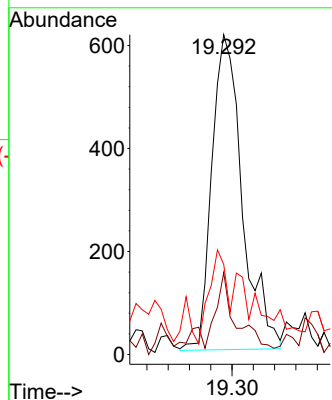
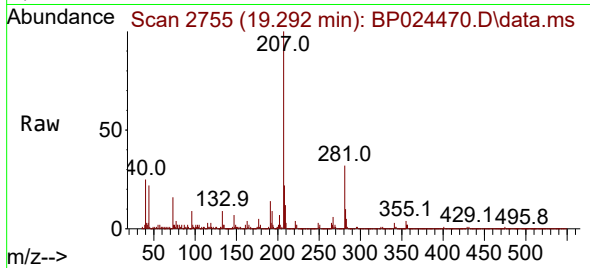




#75
Fluoranthene
Concen: 0.024 ng
RT: 19.292 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

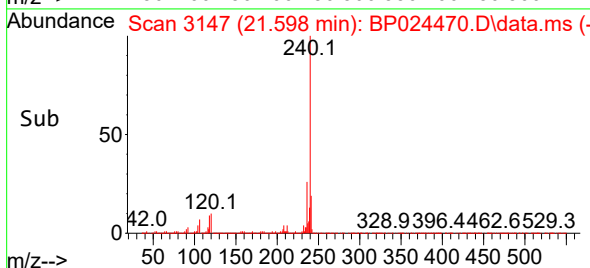
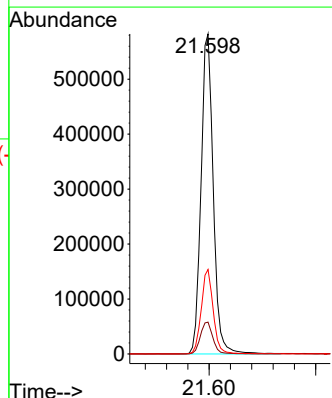
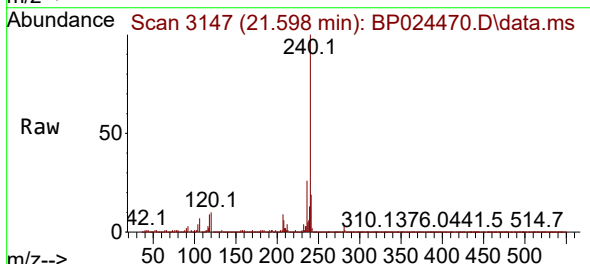
Instrument :
BNA_P
ClientSampleId :
PB167773BL

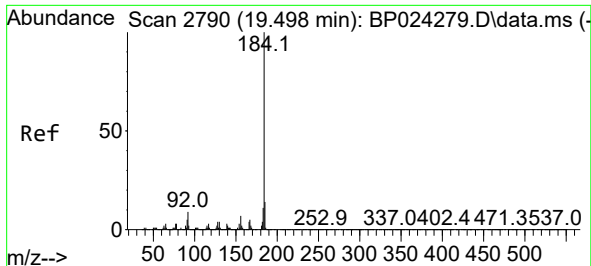
Tgt Ion:	202	Resp:	1214
Ion Ratio	Lower	Upper	
202	100		
101	25.6	0.0	33.2
203	28.2	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:	240	Resp:	925561
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.8	14.8
236	26.4	20.9	31.3

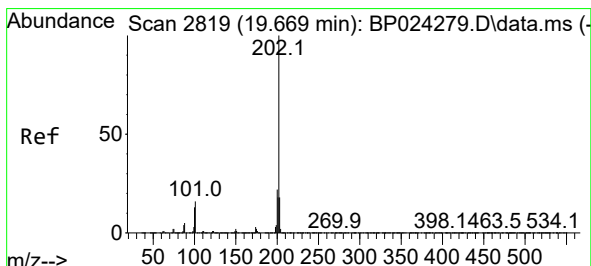
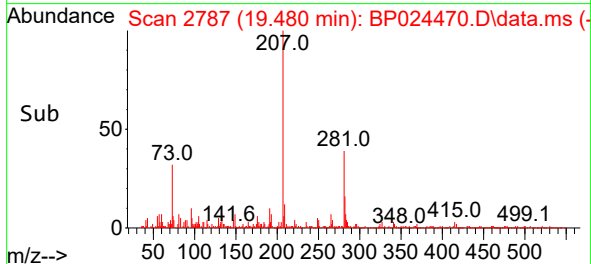
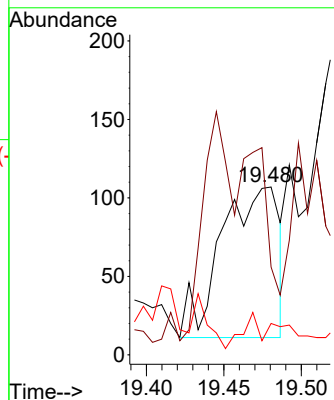
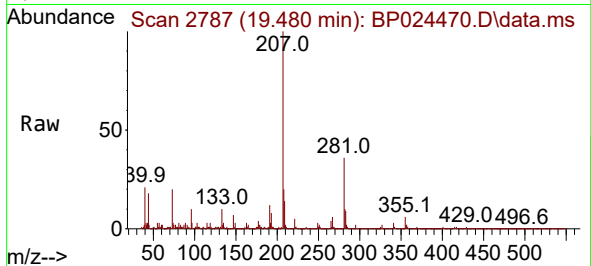




#77
Benzidine
Concen: 0.021 ng
RT: 19.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

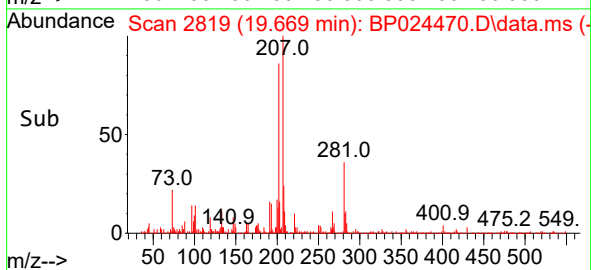
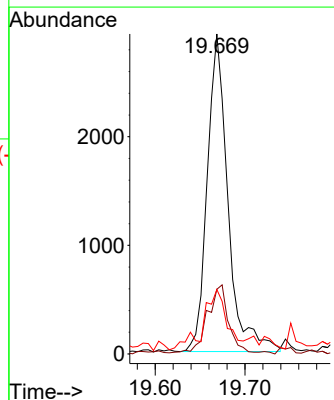
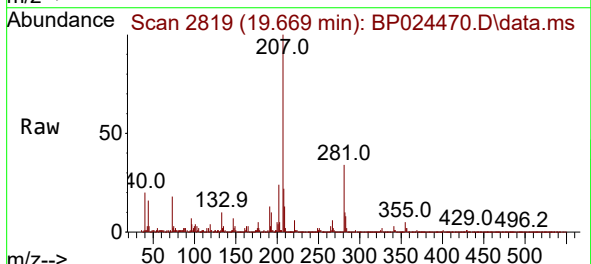
Instrument :
BNA_P
ClientSampleId :
PB167773BL

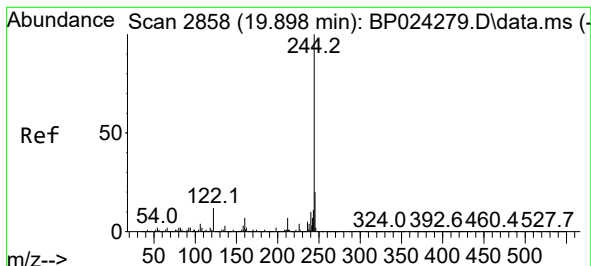
Tgt Ion:184 Resp: 248
Ion Ratio Lower Upper
184 100
185 52.3 11.6 17.4#
183 18.7 9.2 13.8#



#78
Pyrene
Concen: 0.080 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.018 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:202 Resp: 4683
Ion Ratio Lower Upper
202 100
200 20.2 17.2 25.8
203 20.2 14.4 21.6





#79

Terphenyl-d14

Concen: 89.617 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

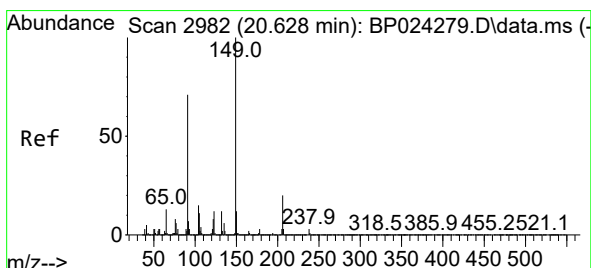
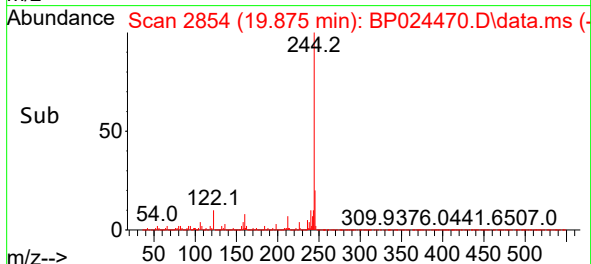
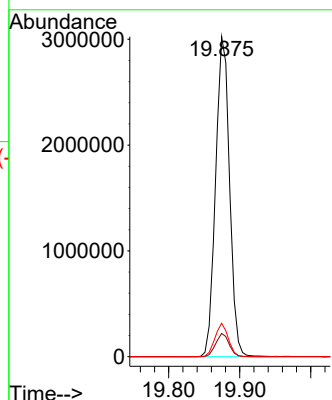
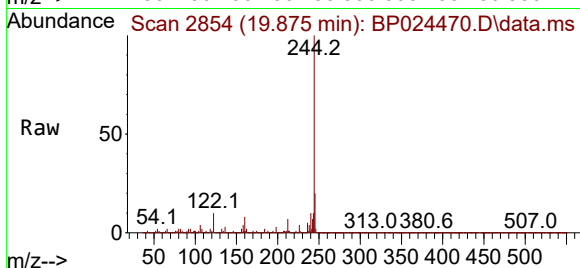
Tgt Ion:244 Resp: 4115112

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.5 9.4 14.0



#80

Butylbenzylphthalate

Concen: 0.016 ng

RT: 20.604 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

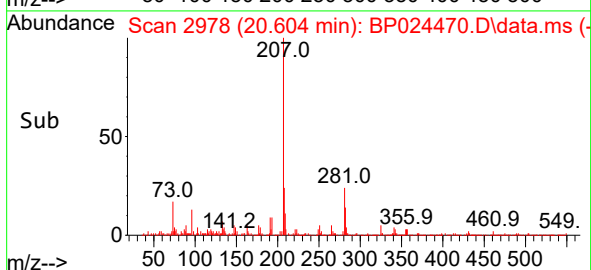
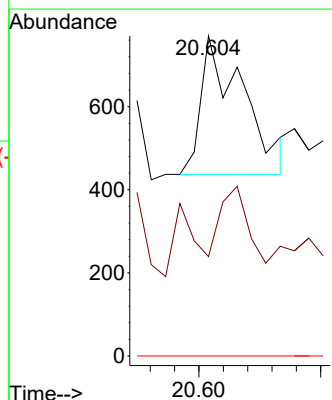
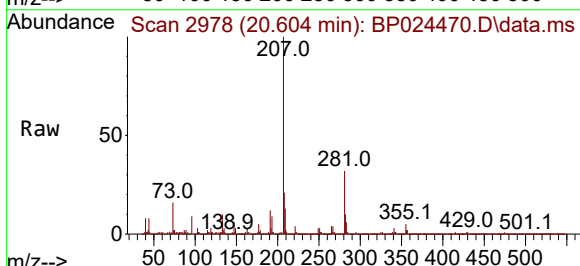
Tgt Ion:149 Resp: 401

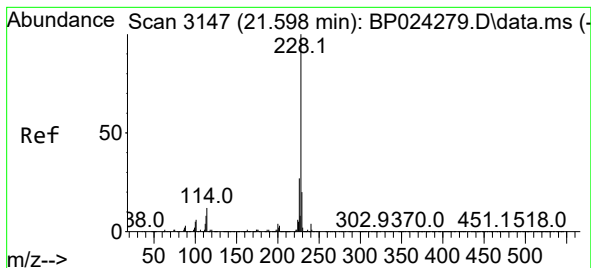
Ion Ratio Lower Upper

149 100

91 31.0 56.4 84.6#

206 0.0 16.3 24.5#





#81

Benzo(a)anthracene

Concen: 0.074 ng

RT: 21.598 min Scan# 3147

Delta R.T. 0.029 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

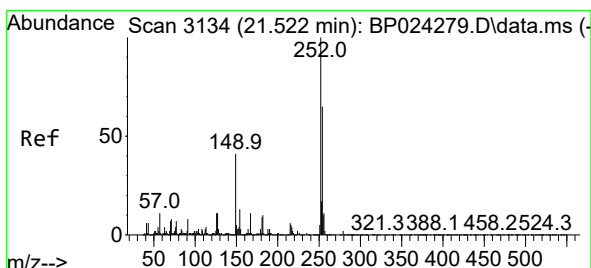
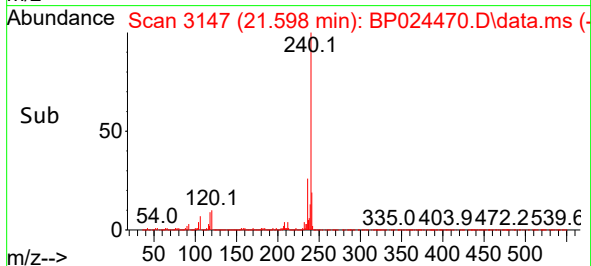
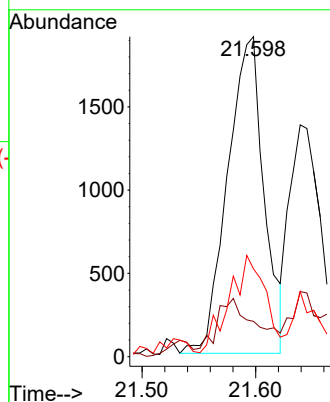
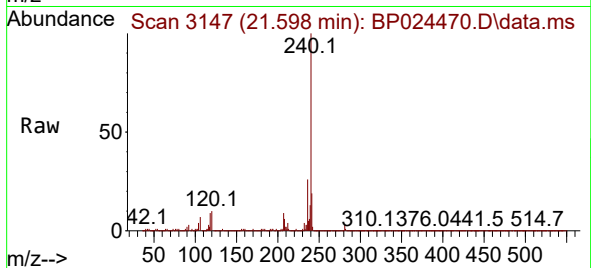
Tgt Ion:228 Resp: 4236

Ion Ratio Lower Upper

228 100

226 11.0 21.8 32.8#

229 27.4 15.9 23.9#



#82

3,3'-Dichlorobenzidine

Concen: 0.023 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.029 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

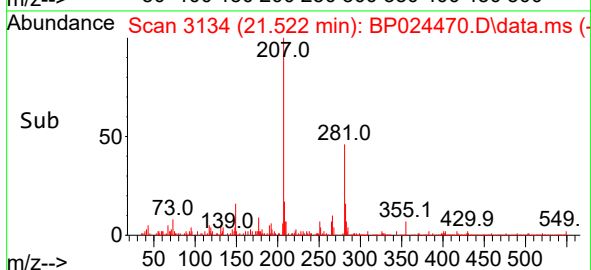
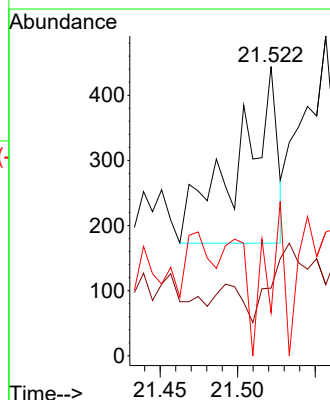
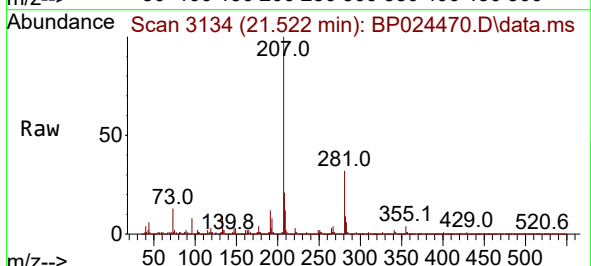
Tgt Ion:252 Resp: 474

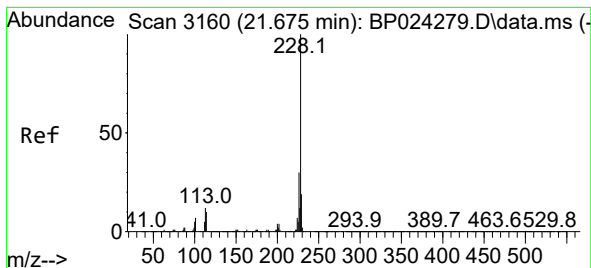
Ion Ratio Lower Upper

252 100

254 23.4 51.7 77.5#

126 14.9 8.8 13.2#





#83

Chrysene

Concen: 0.048 ng

RT: 21.639 min Scan# 3160

Delta R.T. 0.000 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

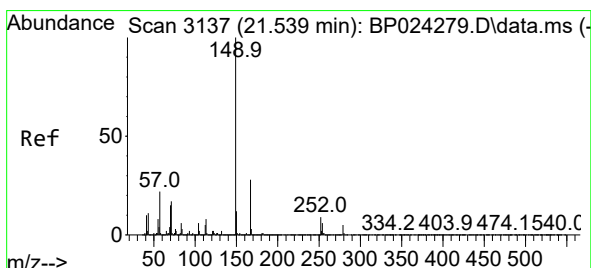
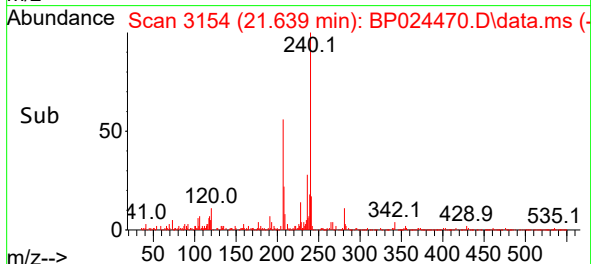
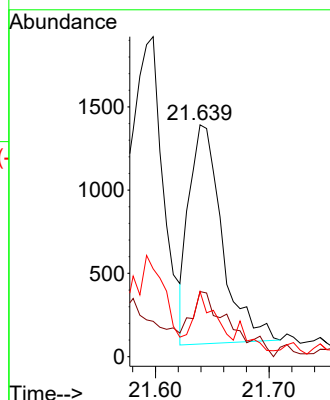
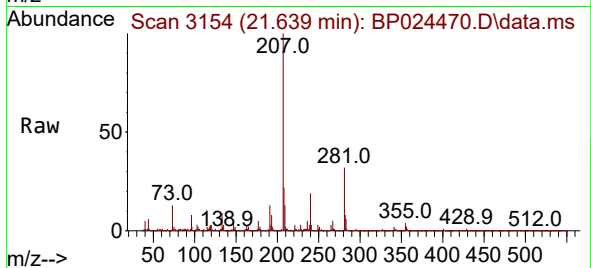
Tgt Ion:228 Resp: 2666

Ion Ratio Lower Upper

228 100

226 28.1 24.2 36.2

229 28.1 15.6 23.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

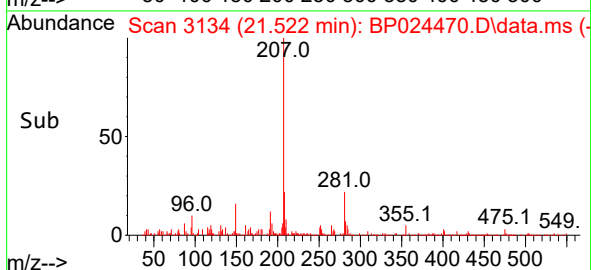
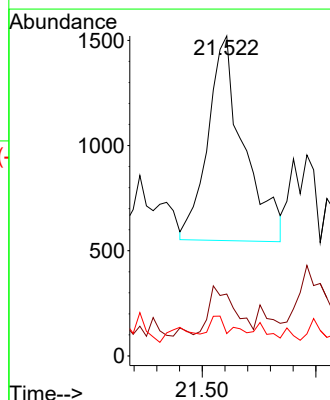
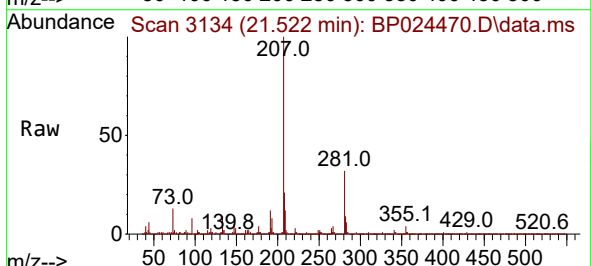
Tgt Ion:149 Resp: 2126

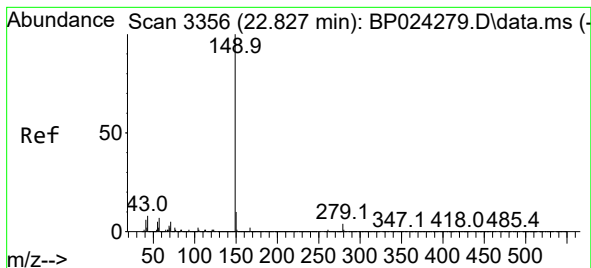
Ion Ratio Lower Upper

149 100

167 19.3 22.4 33.6#

279 7.0 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 0.026 ng

RT: 22.780 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

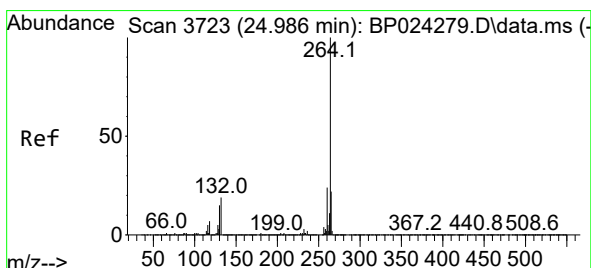
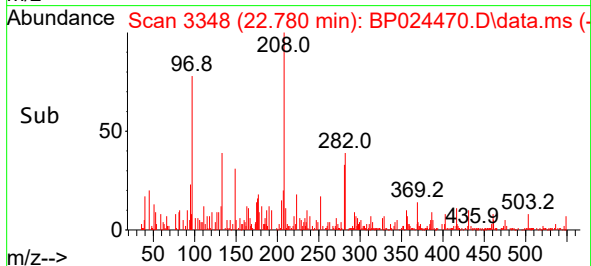
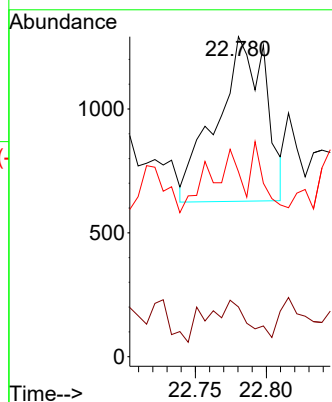
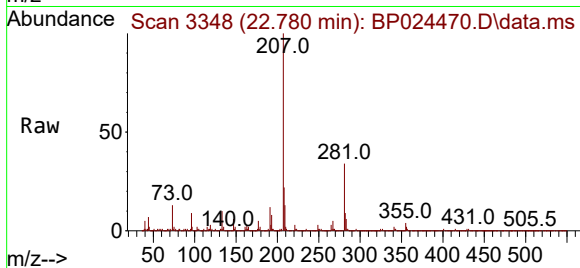
Tgt Ion:149 Resp: 1591

Ion Ratio Lower Upper

149 100

167 21.8 1.2 1.8#

43 23.8 6.0 9.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

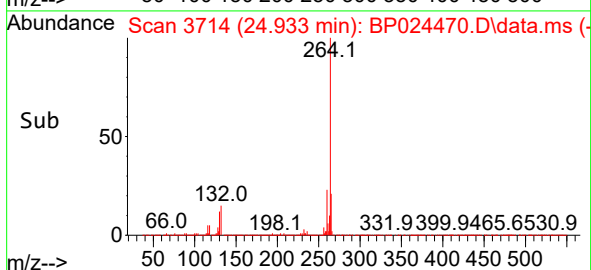
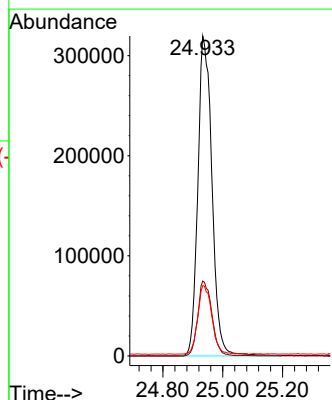
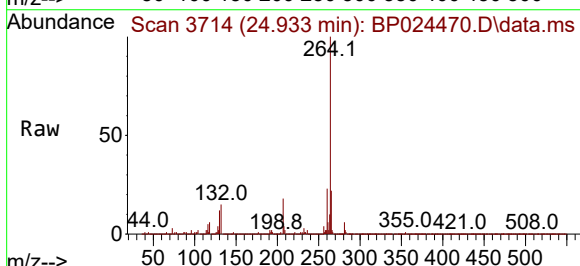
Tgt Ion:264 Resp: 1045749

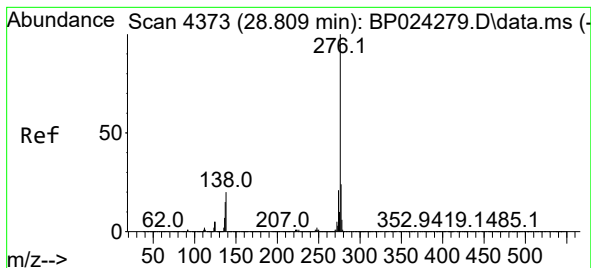
Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 28.709 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

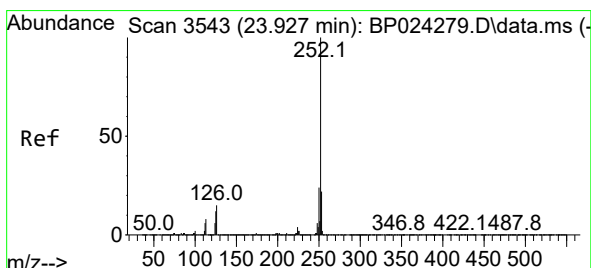
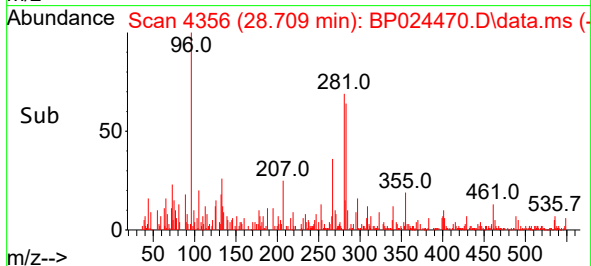
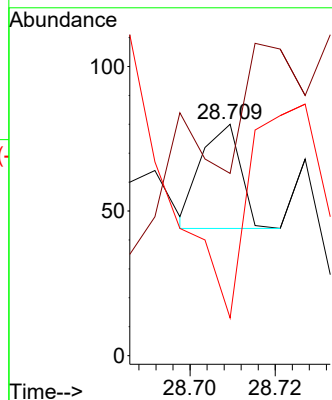
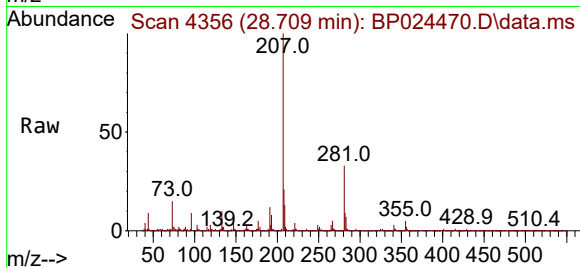
Tgt Ion:276 Resp: 23

Ion Ratio Lower Upper

276 100

138 826.1 14.5 21.7#

277 504.3 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 0.029 ng

RT: 23.886 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

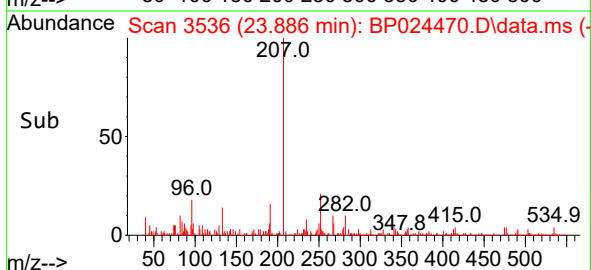
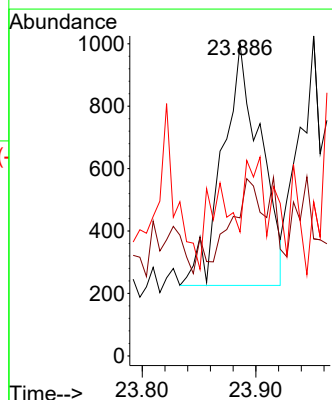
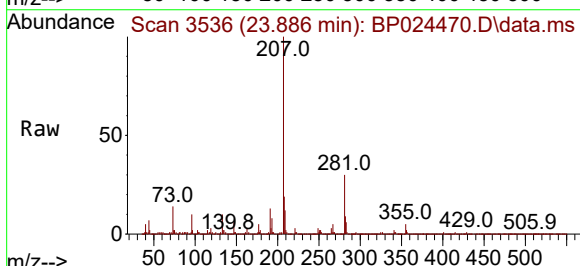
Tgt Ion:252 Resp: 1793

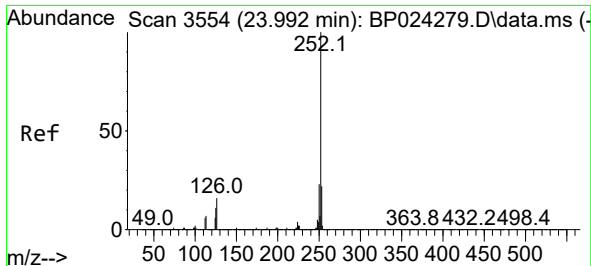
Ion Ratio Lower Upper

252 100

253 44.2 17.7 26.5#

125 39.7 9.4 14.0#





#89

Benzo(k)fluoranthene

Concen: 0.016 ng

RT: 23.951 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

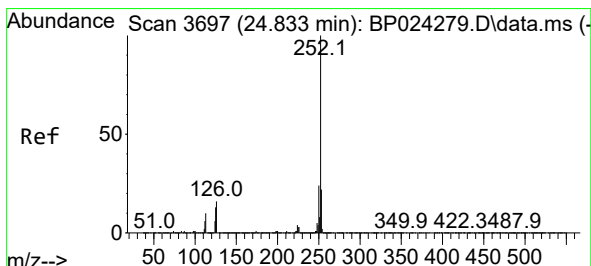
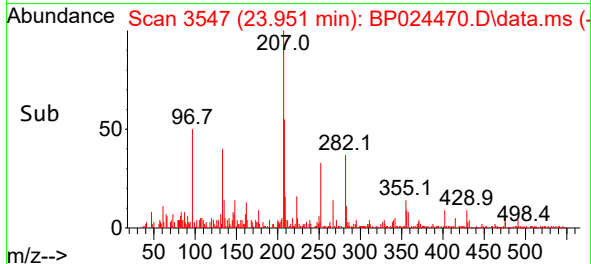
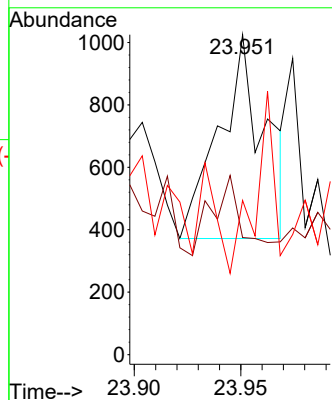
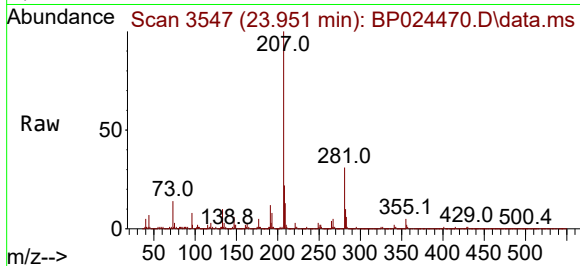
Instrument :

BNA_P

ClientSampleId :

PB167773BL

Tgt Ion:	252	Resp:	964
Ion Ratio	Lower	Upper	
252	100		
253	36.6	17.7	26.5#
125	48.2	9.1	13.7#



#90

Benzo(a)pyrene

Concen: 0.029 ng

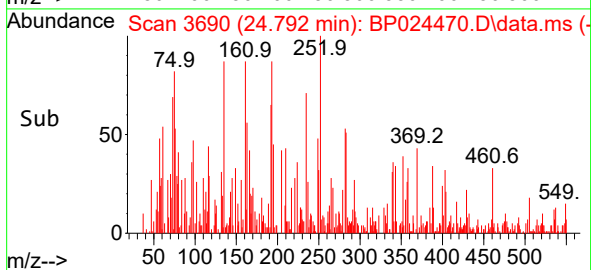
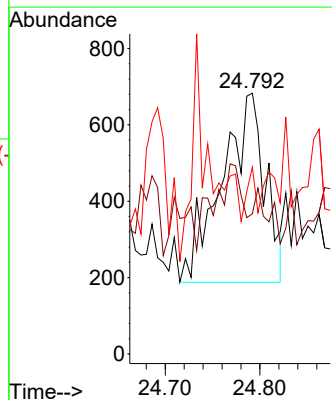
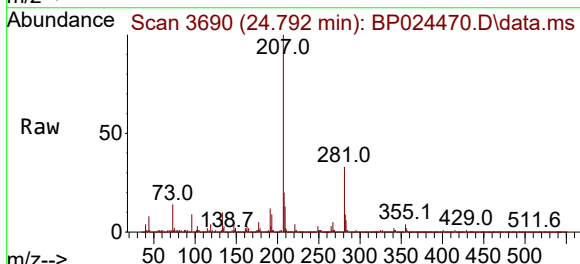
RT: 24.792 min Scan# 3690

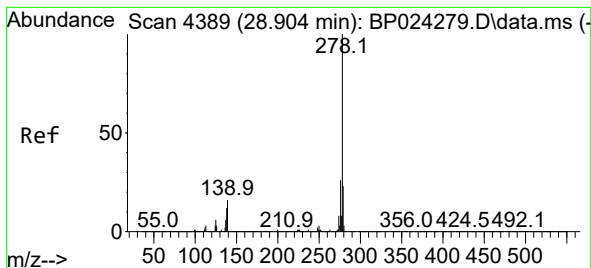
Delta R.T. 0.012 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Tgt Ion:	252	Resp:	1580
Ion Ratio	Lower	Upper	
252	100		
253	53.7	17.6	26.4#
125	104.2	10.1	15.1#





#91

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 28.786 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

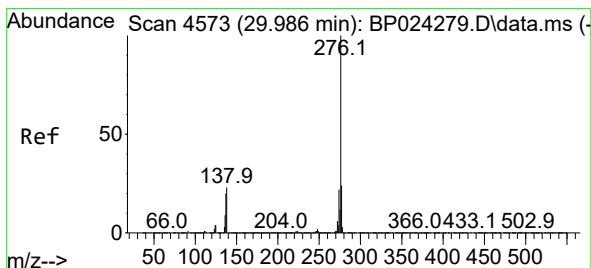
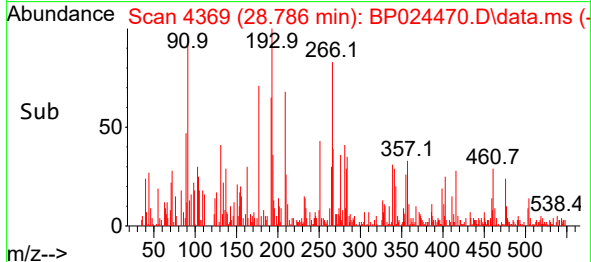
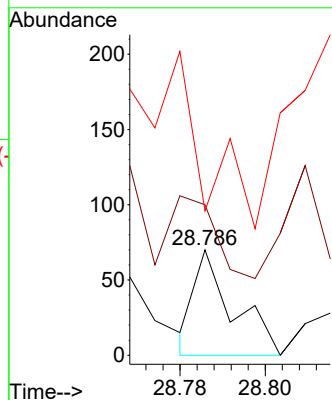
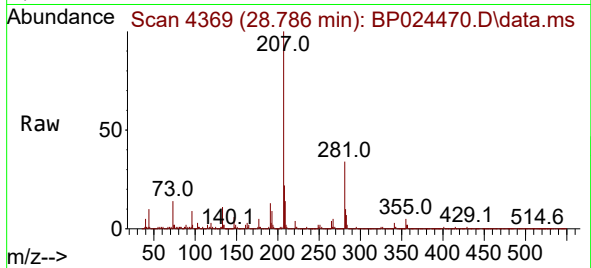
Instrument :

BNA_P

ClientSampleId :

PB167773BL

Tgt Ion:	278	Resp:	44
Ion	Ratio	Lower	Upper
278	100		
139	142.9	12.6	19.0#
279	137.1	18.5	27.7#



#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 29.921 min Scan# 4562

Delta R.T. 0.024 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Tgt Ion:	276	Resp:	168
Ion	Ratio	Lower	Upper
276	100		
277	56.5	18.9	28.3#
138	106.1	18.7	28.1#

