

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024506.D
 Acq On : 02 May 2025 12:49
 Operator : RC/JU
 Sample : PB167823BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167823BS

Quant Time: May 02 13:25:50 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	130361	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	522863	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	328379	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	659860	20.000	ng	0.00
76) Chrysene-d12	21.604	240	784971	20.000	ng	# 0.01
86) Perylene-d12	24.951	264	967038	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1083472	137.424	ng	-0.01
7) Phenol-d6	6.899	99	1324486	122.687	ng	-0.01
23) Nitrobenzene-d5	8.857	82	817191	89.119	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	740923	163.080	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1917923	89.426	ng	-0.01
79) Terphenyl-d14	19.880	244	3437692	88.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	114935	34.465	ng	96
3) Pyridine	3.669	79	298988	33.953	ng	92
4) n-Nitrosodimethylamine	3.581	42	140320	48.014	ng	# 75
6) Aniline	7.046	93	323064	33.489	ng	95
8) 2-Chlorophenol	7.281	128	403276	45.813	ng	99
9) Benzaldehyde	6.858	77	166663	31.209	ng	97
10) Phenol	6.928	94	465092	42.946	ng	90
11) bis(2-Chloroethyl)ether	7.140	93	333136	38.180	ng	98
12) 1,3-Dichlorobenzene	7.599	146	415729	43.869	ng	99
13) 1,4-Dichlorobenzene	7.740	146	420851	43.770	ng	99
14) 1,2-Dichlorobenzene	8.057	146	407192	43.857	ng	99
15) Benzyl Alcohol	7.952	79	328903	47.110	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	382294	40.534	ng	99
17) 2-Methylphenol	8.152	107	324642	46.339	ng	96
18) Hexachloroethane	8.775	117	157129	45.219	ng	97
19) n-Nitroso-di-n-propyla...	8.505	70	260667	39.029	ng	94
20) 3+4-Methylphenols	8.475	107	441334	45.401	ng	98
22) Acetophenone	8.522	105	557788	43.102	ng	96
24) Nitrobenzene	8.899	77	397095	43.776	ng	99
25) Isophorone	9.422	82	730123	43.990	ng	97
26) 2-Nitrophenol	9.604	139	213082	48.001	ng	96
27) 2,4-Dimethylphenol	9.669	122	362885	65.104	ng	97
28) bis(2-Chloroethoxy)met...	9.899	93	444752	39.666	ng	99
29) 2,4-Dichlorophenol	10.146	162	361931	47.622	ng	97
30) 1,2,4-Trichlorobenzene	10.346	180	372277	45.718	ng	99
31) Naphthalene	10.534	128	1158412	42.059	ng	99
32) Benzoic acid	9.828	122	267136	41.130	ng	99
33) 4-Chloroaniline	10.651	127	197794	20.393	ng	98
34) Hexachlorobutadiene	10.816	225	237806	49.698	ng	98
35) Caprolactam	11.440	113	125215	44.652	ng	97
36) 4-Chloro-3-methylphenol	11.781	107	414519	46.826	ng	99
37) 2-Methylnaphthalene	12.146	142	737997	38.636	ng	97
38) 1-Methylnaphthalene	12.363	142	775521	41.502	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	412761	45.708	ng	99
41) Hexachlorocyclopentadiene	12.498	237	585115	183.201	ng	100
43) 2,4,6-Trichlorophenol	12.769	196	296709	49.419	ng	98

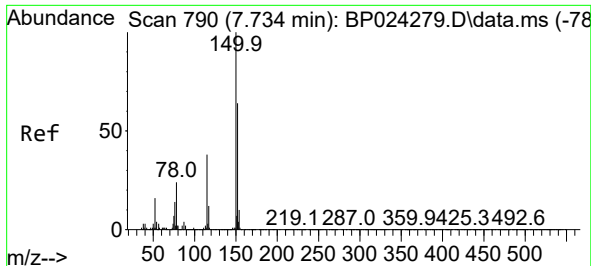
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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	326505	49.109	ng	99
46) 1,1'-Biphenyl	13.163	154	1051750	43.573	ng	98
47) 2-Chloronaphthalene	13.210	162	811415	44.978	ng	98
48) 2-Nitroaniline	13.416	65	252547	49.907	ng	95
49) Acenaphthylene	14.063	152	1358474	47.829	ng	99
50) Dimethylphthalate	13.798	163	1061351	44.445	ng	99
51) 2,6-Dinitrotoluene	13.916	165	240350	47.397	ng	95
52) Acenaphthene	14.410	154	769629	42.742	ng	99
53) 3-Nitroaniline	14.251	138	133416	25.033	ng	99
54) 2,4-Dinitrophenol	14.469	184	326941	109.454	ng	91
55) Dibenzofuran	14.751	168	1241551	42.182	ng	96
56) 4-Nitrophenol	14.587	139	459292	99.782	ng	90
57) 2,4-Dinitrotoluene	14.722	165	354281	51.216	ng	98
58) Fluorene	15.410	166	1024639	44.970	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	299405	48.826	ng	99
60) Diethylphthalate	15.181	149	1109664	45.091	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	506740	45.799	ng	97
62) 4-Nitroaniline	15.439	138	264942	46.959	ng	88
63) Azobenzene	15.704	77	908782	40.178	ng	94
65) 4,6-Dinitro-2-methylph...	15.498	198	203070	48.813	ng	96
66) n-Nitrosodiphenylamine	15.628	169	892246	45.302	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	340334	47.159	ng	97
68) Hexachlorobenzene	16.434	284	416615	48.582	ng	99
69) Atrazine	16.604	200	337322	67.246	ng	99
70) Pentachlorophenol	16.792	266	592273	99.001	ng	100
71) Phenanthrene	17.192	178	1595270	44.317	ng	100
72) Anthracene	17.286	178	1631503	47.026	ng	100
73) Carbazole	17.575	167	1579776	46.603	ng	99
74) Di-n-butylphthalate	18.163	149	1959796	46.404	ng	99
75) Fluoranthene	19.280	202	1978696	46.218	ng	97
77) Benzidine	19.486	184	837928	84.212	ng	99
78) Pyrene	19.657	202	2059263	41.280	ng	99
80) Butylbenzylphthalate	20.616	149	957282	44.801	ng	94
81) Benzo(a)anthracene	21.586	228	2236757	45.844	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	547360	31.963	ng	99
83) Chrysene	21.657	228	2102014	44.969	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	1410845	45.041	ng	99
85) Di-n-octyl phthalate	22.798	149	2505322	49.198	ng	100
87) Indeno(1,2,3-cd)pyrene	28.774	276	3226191m	48.055	ng	
88) Benzo(b)fluoranthene	23.898	252	2482512	42.828	ng	# 98
89) Benzo(k)fluoranthene	23.968	252	2512927m	44.881	ng	
90) Benzo(a)pyrene	24.798	252	2462269	49.245	ng	# 97
91) Dibenzo(a,h)anthracene	28.839	278	2632518	47.241	ng	96
92) Benzo(g,h,i)perylene	29.968	276	2578004	45.451	ng	# 93

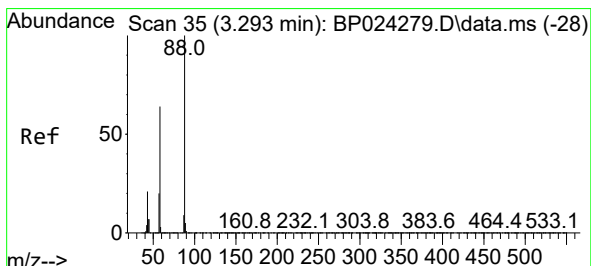
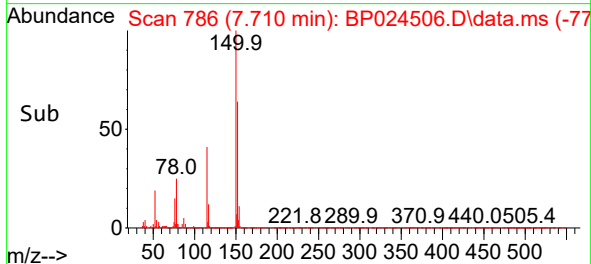
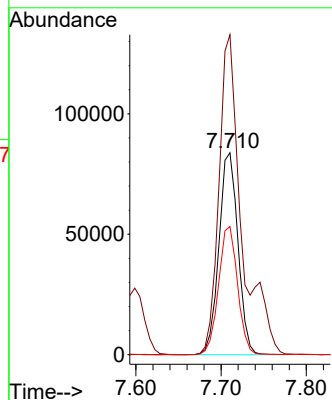
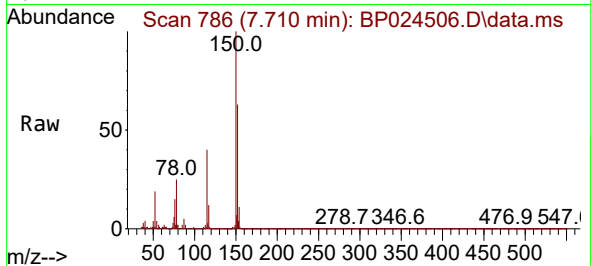
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024506.D
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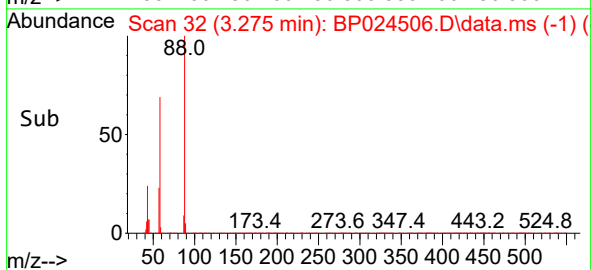
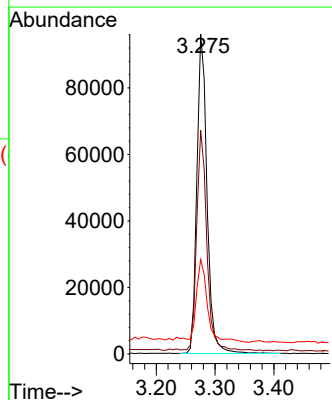
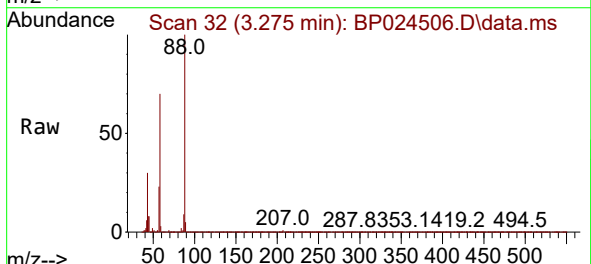
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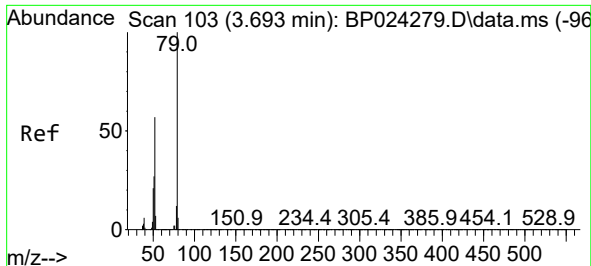
Tgt Ion:152 Resp: 130361
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.9 187.3
 115 63.5 47.7 71.5



#2
 1,4-Dioxane
 Concen: 34.465 ng
 RT: 3.275 min Scan# 32
 Delta R.T. -0.012 min
 Lab File: BP024506.D
 Acq: 02 May 2025 12:49

Tgt Ion: 88 Resp: 114935
 Ion Ratio Lower Upper
 88 100
 58 67.4 51.4 77.2
 43 23.9 17.1 25.7

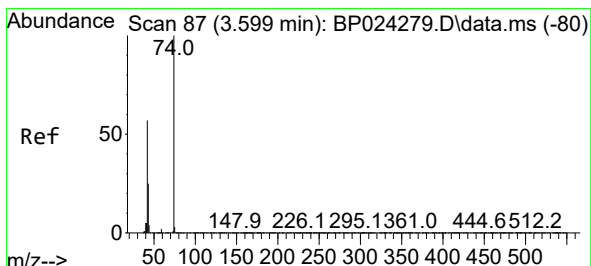
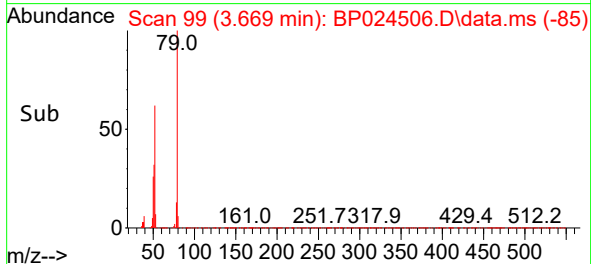
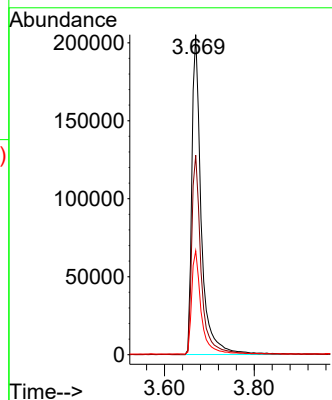
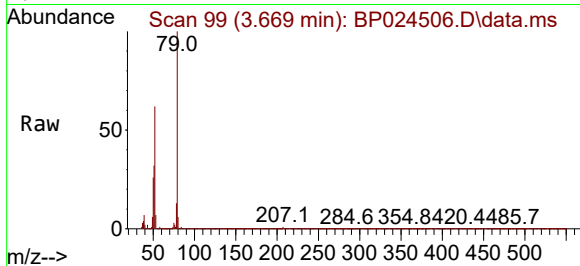




#3
Pyridine
Concen: 33.953 ng
RT: 3.669 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

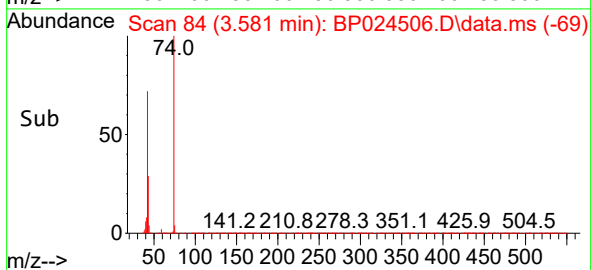
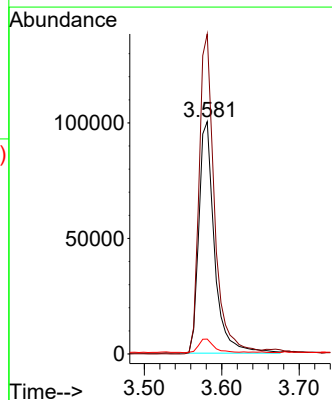
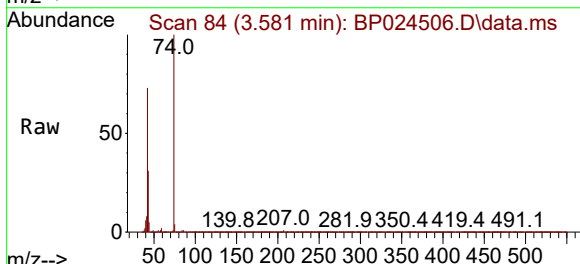
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ClientSampleId :
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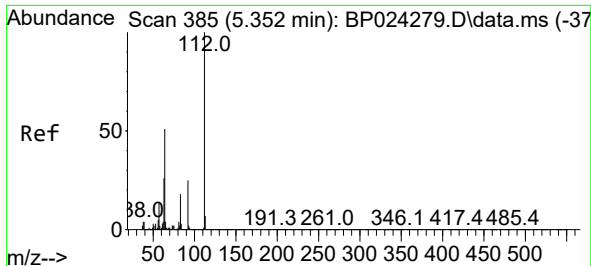
Tgt Ion: 79 Resp: 298988
Ion Ratio Lower Upper
79 100
52 62.3 45.4 68.2
51 32.4 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 48.014 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 42 Resp: 140320
Ion Ratio Lower Upper
42 100
74 137.7 139.5 209.3#
44 6.4 5.8 8.8

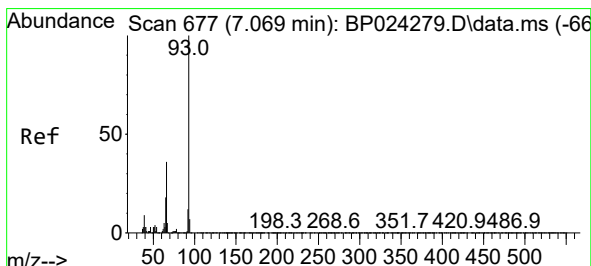
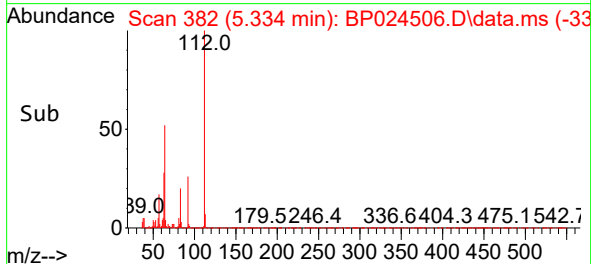
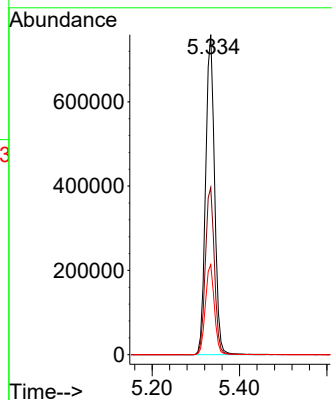
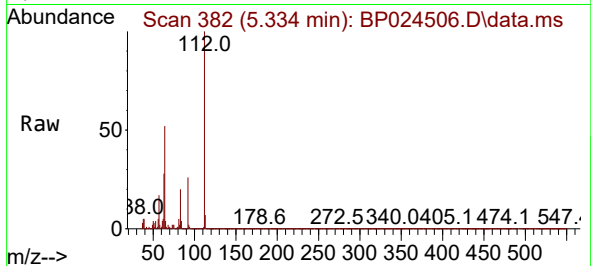




#5
2-Fluorophenol
Concen: 137.424 ng
RT: 5.334 min Scan# 381
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

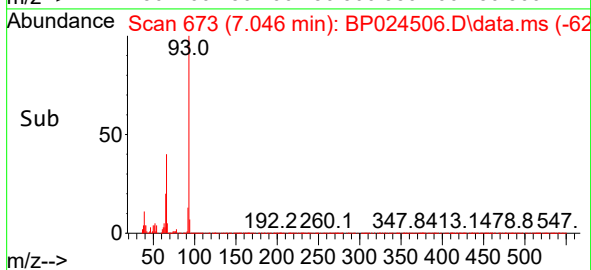
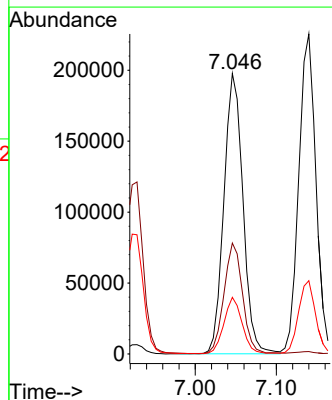
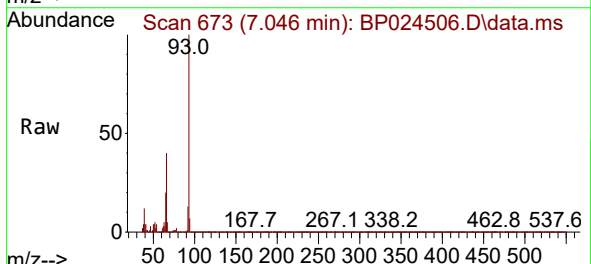
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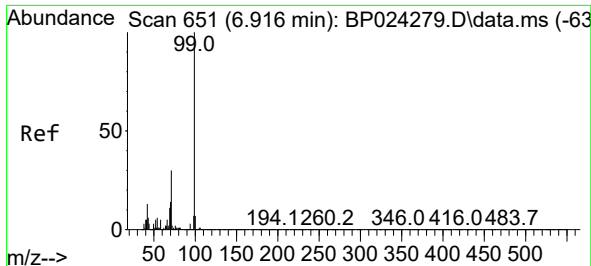
Tgt Ion:112 Resp: 1083472
Ion Ratio Lower Upper
112 100
64 52.2 41.1 61.7
63 28.1 20.6 30.8



#6
Aniline
Concen: 33.489 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 93 Resp: 323064
Ion Ratio Lower Upper
93 100
66 39.6 29.1 43.7
65 20.2 14.7 22.1

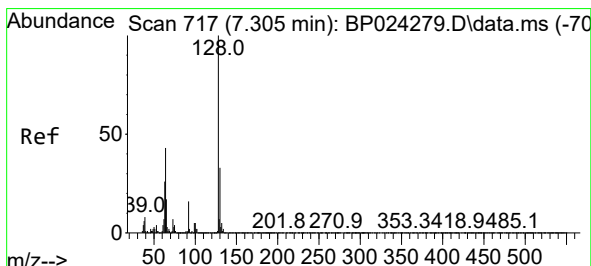
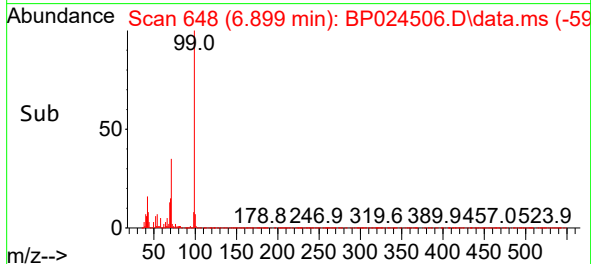
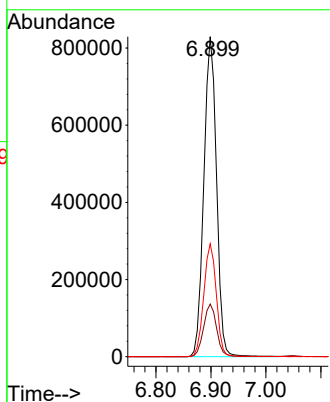
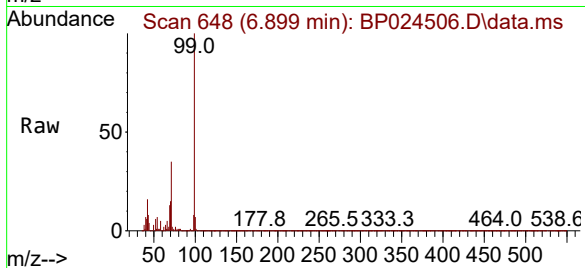




#7
Phenol-d6
Concen: 122.687 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

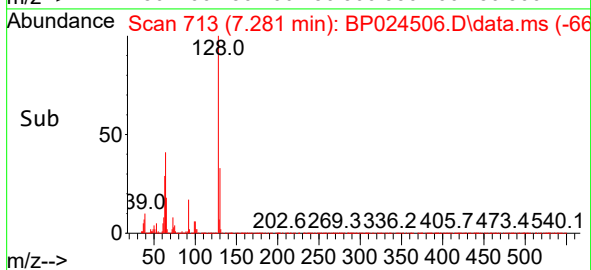
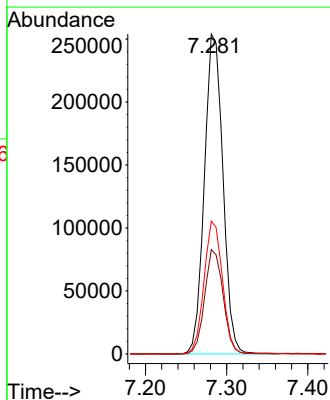
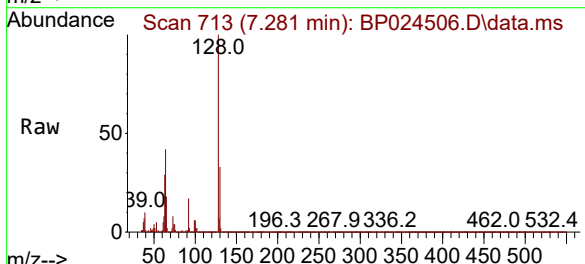
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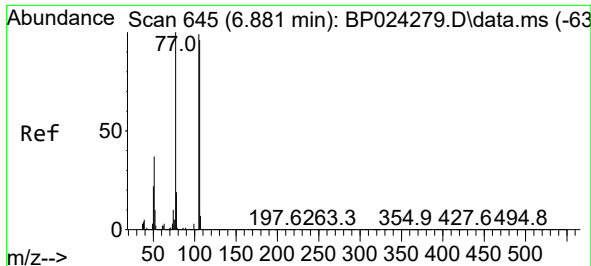
Tgt Ion: 99 Resp: 1324486
Ion Ratio Lower Upper
99 100
42 16.4 10.6 16.0#
71 35.3 23.7 35.5



#8
2-Chlorophenol
Concen: 45.813 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:128 Resp: 403276
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 41.5 22.7 62.7

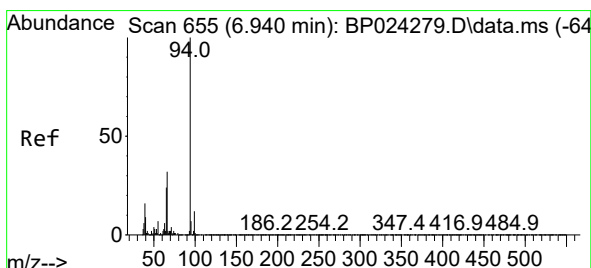
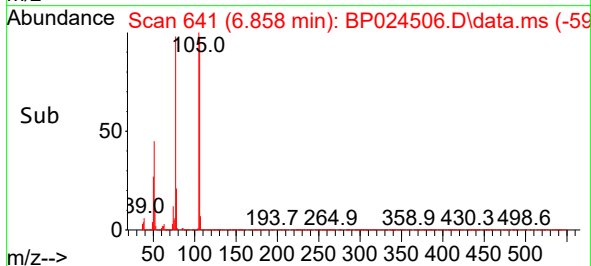
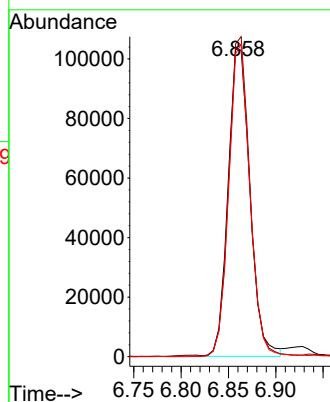
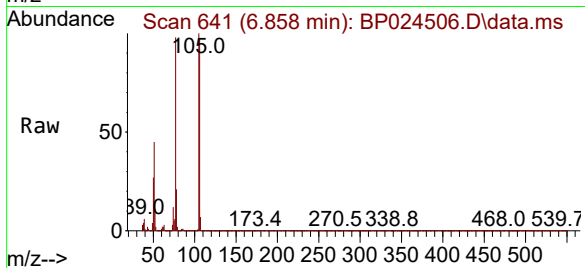




#9
Benzaldehyde
Concen: 31.209 ng
RT: 6.858 min Scan# 645
Delta R.T. -0.023 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

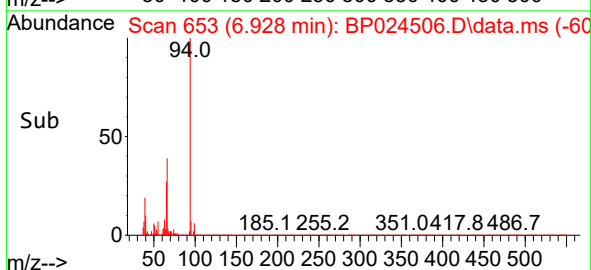
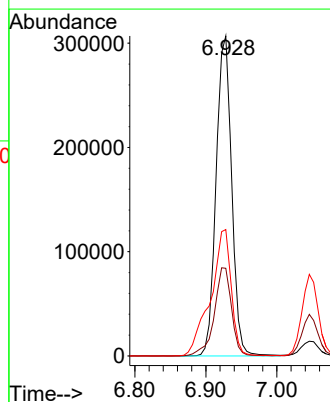
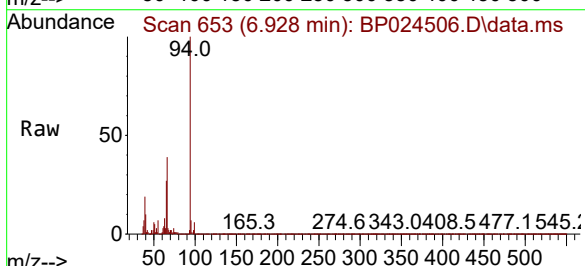
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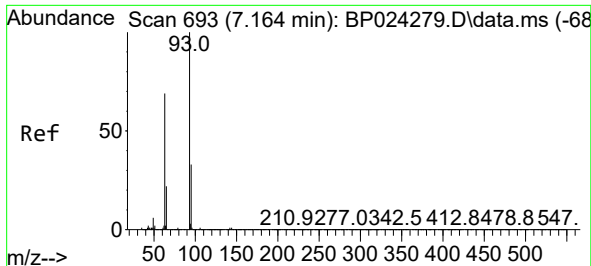
Tgt Ion: 77 Resp: 166663
Ion Ratio Lower Upper
77 100
105 101.9 79.2 119.2
106 98.6 76.2 116.2



#10
Phenol
Concen: 42.946 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 94 Resp: 465092
Ion Ratio Lower Upper
94 100
65 27.4 4.5 44.5
66 39.5 12.4 52.4

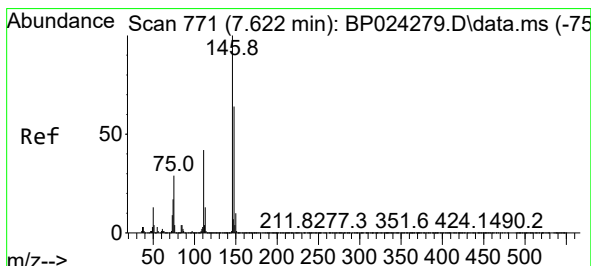
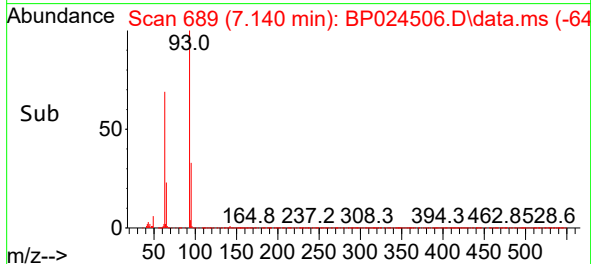
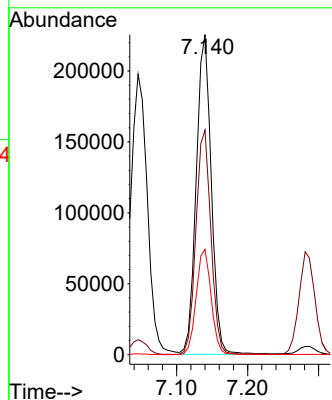
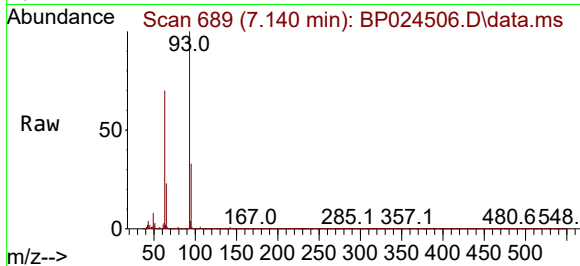




#11
bis(2-Chloroethyl)ether
Concen: 38.180 ng
RT: 7.140 min Scan# 611
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

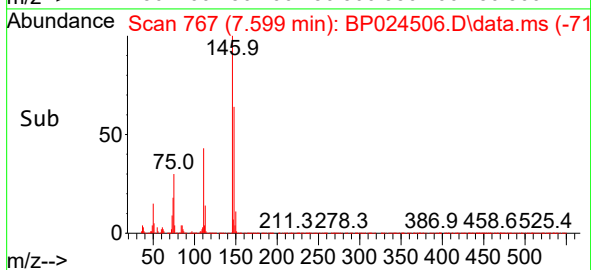
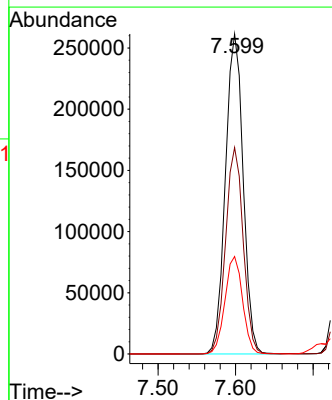
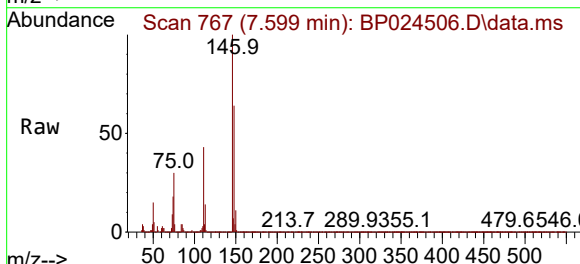
Instrument :
BNA_P
ClientSampleId :
PB167823BS

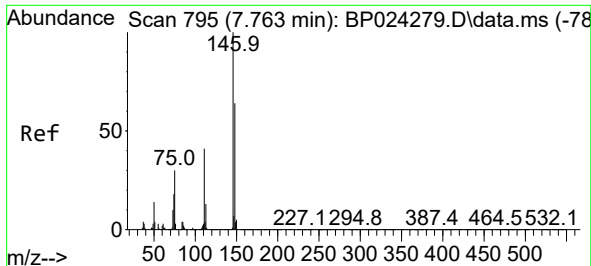
Tgt Ion: 93 Resp: 333136
Ion Ratio Lower Upper
93 100
63 70.2 48.6 88.6
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.869 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 146 Resp: 415729
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 30.5 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.770 ng

RT: 7.740 min Scan# 795

Delta R.T. -0.018 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

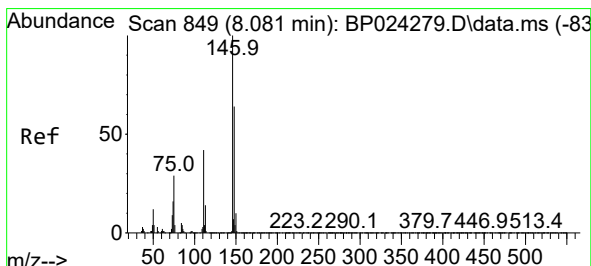
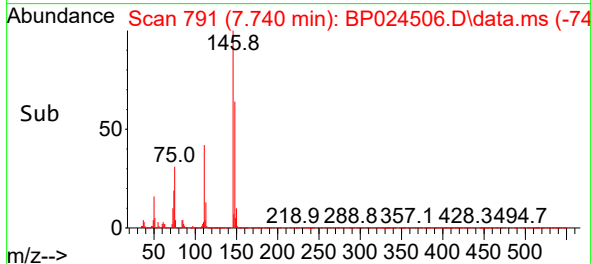
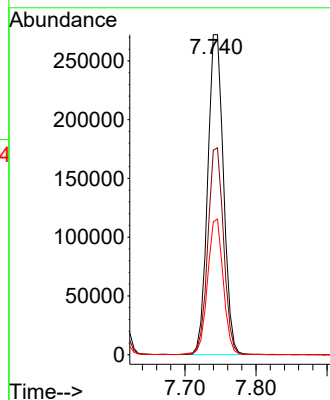
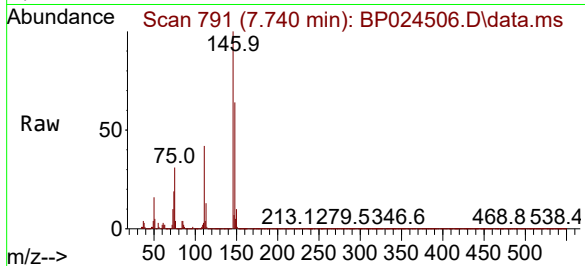
Tgt Ion:146 Resp: 420851

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 41.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 43.857 ng

RT: 8.057 min Scan# 845

Delta R.T. -0.018 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

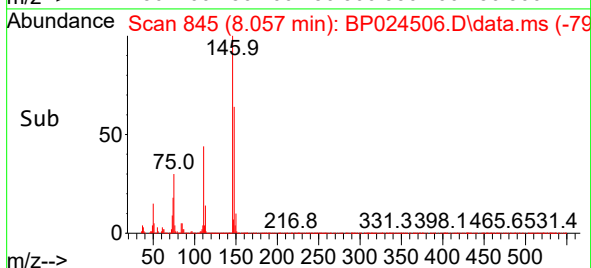
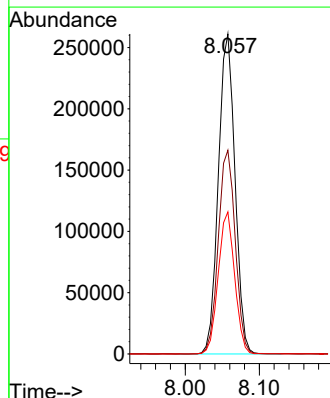
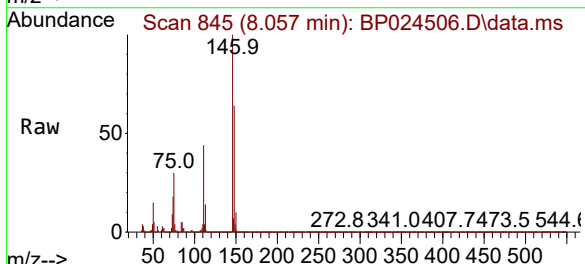
Tgt Ion:146 Resp: 407192

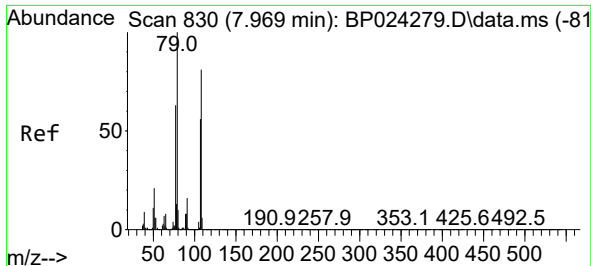
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 44.4 33.8 50.8

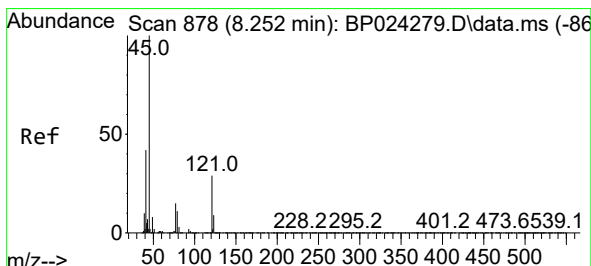
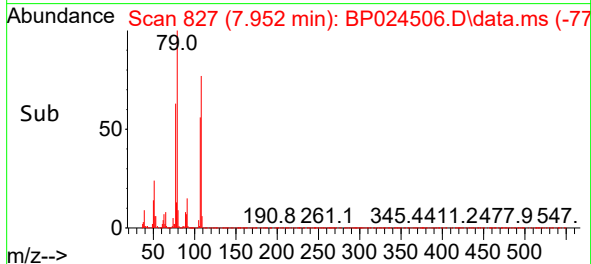
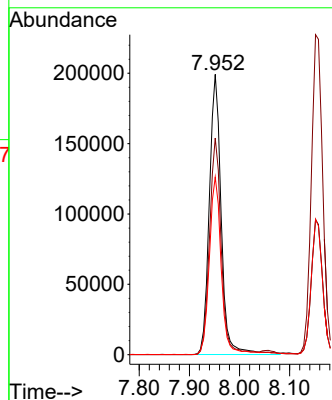
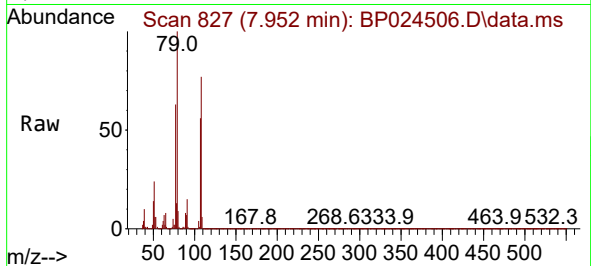




#15
Benzyl Alcohol
Concen: 47.110 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

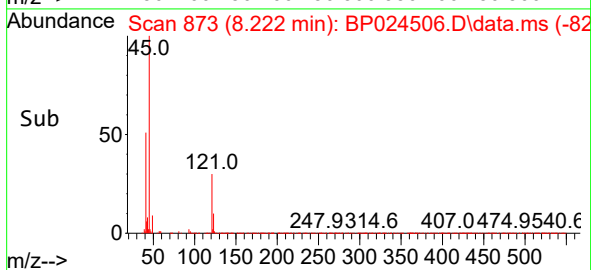
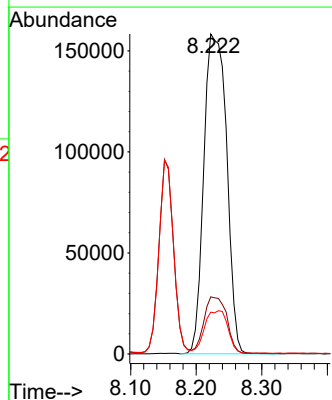
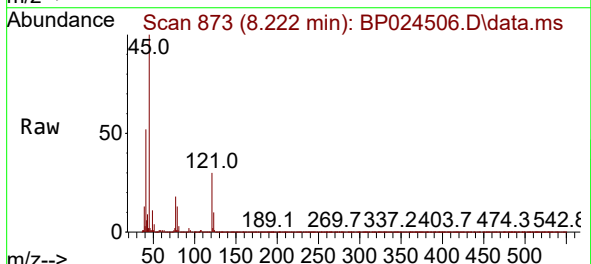
Instrument :
BNA_P
ClientSampleId :
PB167823BS

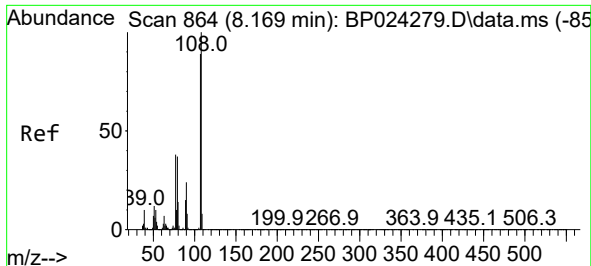
Tgt Ion: 79 Resp: 328903
Ion Ratio Lower Upper
79 100
108 77.3 65.1 97.7
77 63.4 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.534 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 45 Resp: 382294
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 13.0 0.0 33.5

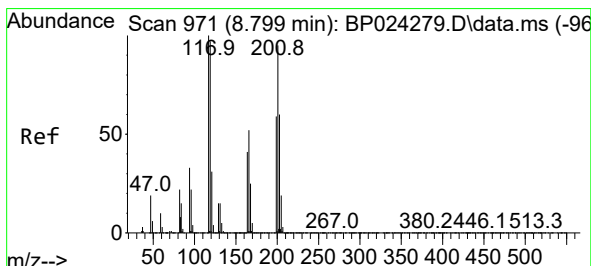
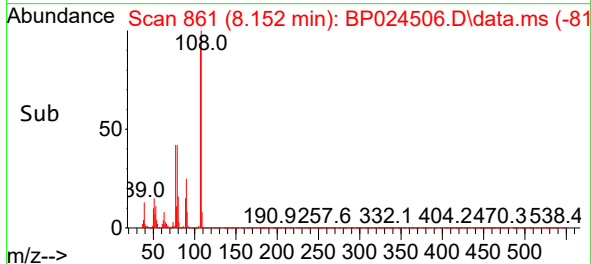
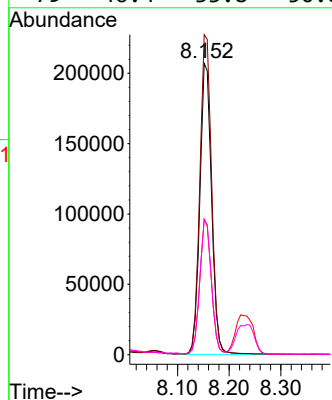
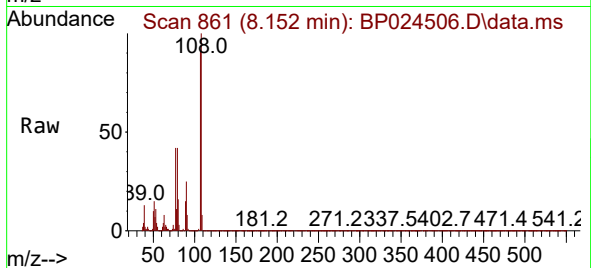




#17
2-Methylphenol
Concen: 46.339 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

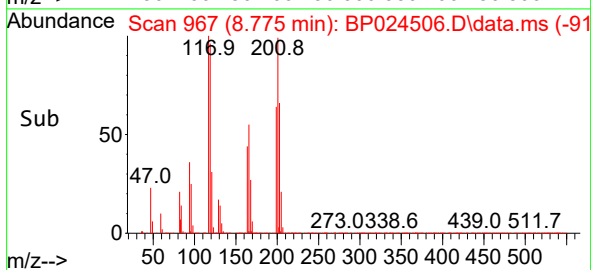
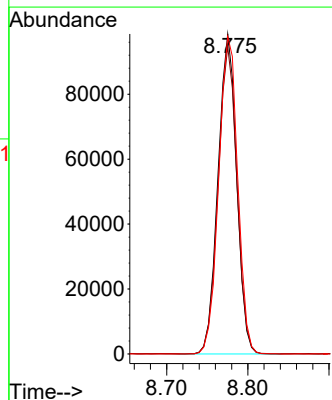
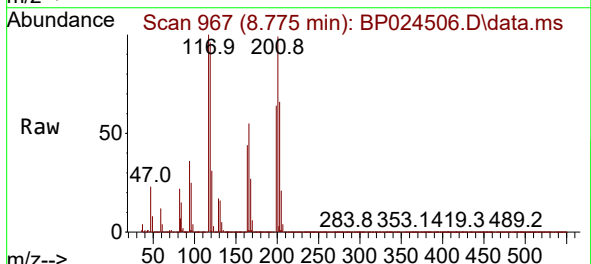
Instrument :
BNA_P
ClientSampleId :
PB167823BS

Tgt Ion:	107	Resp:	324642
Ion	Ratio	Lower	Upper
107	100		
108	109.8	89.8	134.6
77	46.5	34.2	51.4
79	46.4	33.8	50.8



#18
Hexachloroethane
Concen: 45.219 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:	117	Resp:	157129
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.6
201	99.3	75.9	113.9

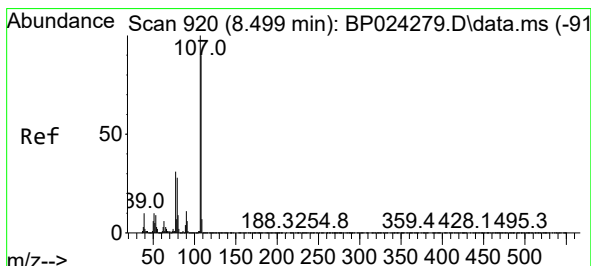
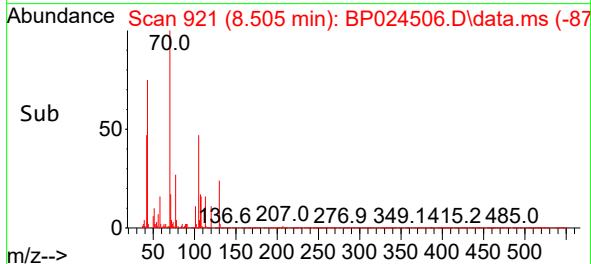
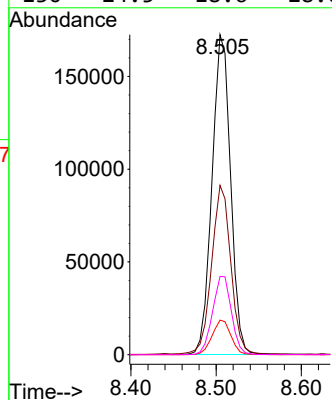
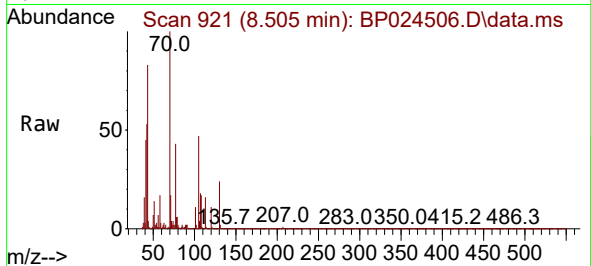




#19
n-Nitroso-di-n-propylamine
Concen: 39.029 ng
RT: 8.505 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

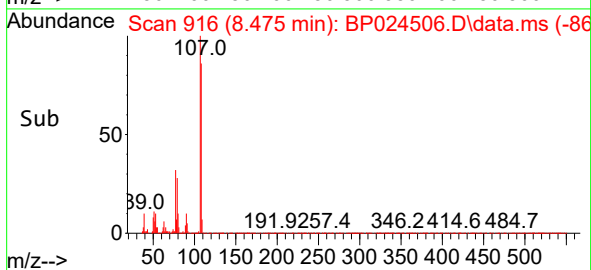
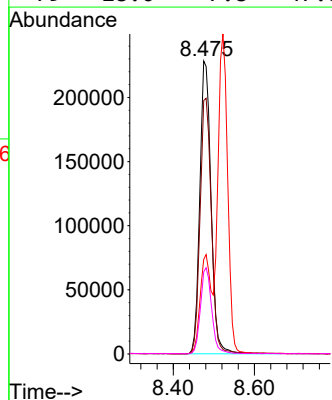
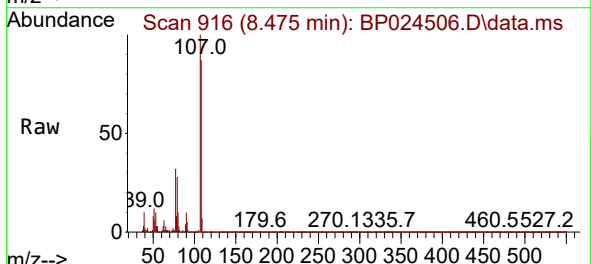
Instrument :
BNA_P
ClientSampleId :
PB167823BS

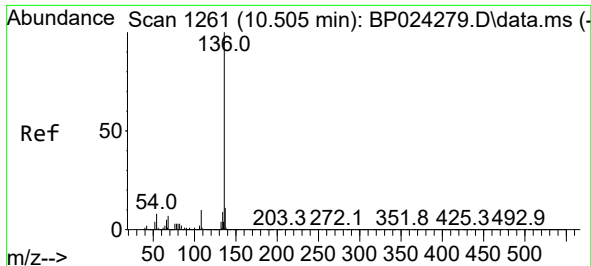
Tgt Ion:	70	Resp:	260667
Ion	Ratio	Lower	Upper
70	100		
42	52.9	37.3	55.9
101	10.8	8.2	12.4
130	24.5	18.6	28.0



#20
3+4-Methylphenols
Concen: 45.401 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:	107	Resp:	441334
Ion	Ratio	Lower	Upper
107	100		
108	86.5	69.8	109.8
77	32.3	11.5	51.5
79	28.0	7.8	47.8

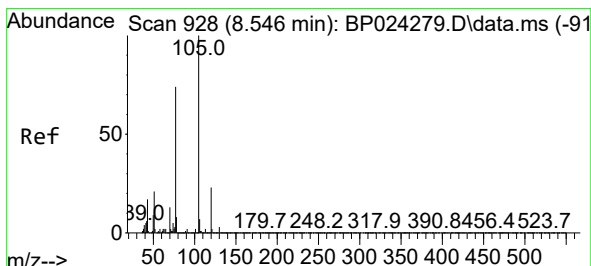
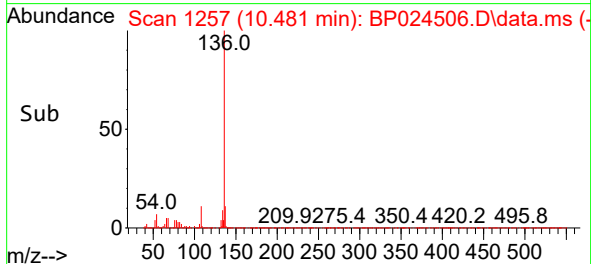
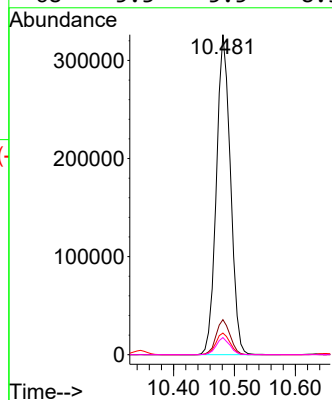
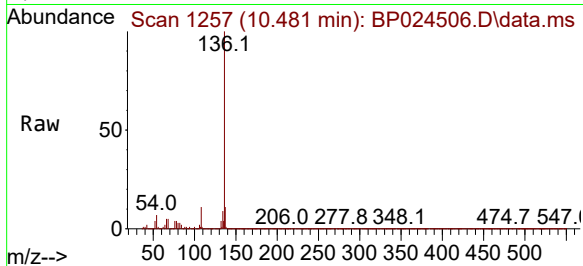




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

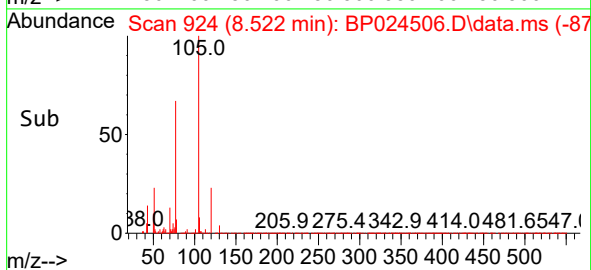
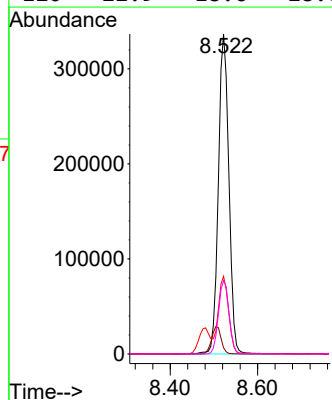
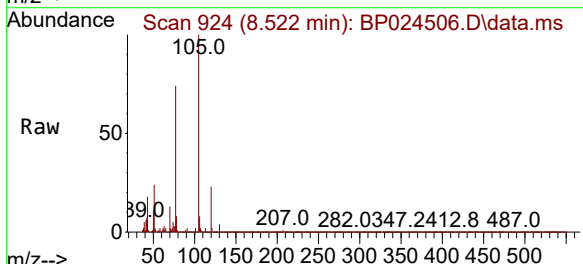
Instrument :
BNA_P
ClientSampleId :
PB167823BS

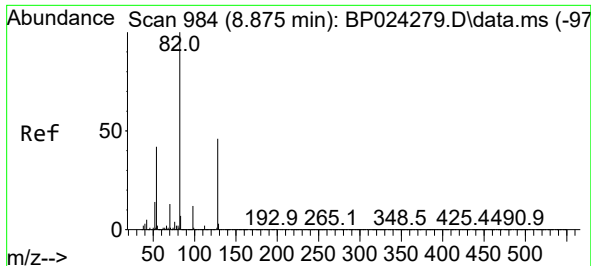
Tgt Ion:	136	Resp:	522863
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.8	6.0	9.0
68	5.3	5.5	8.3



#22
Acetophenone
Concen: 43.102 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:	105	Resp:	557788
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.7	2.5
51	24.3	16.9	25.3
120	22.9	18.6	28.0

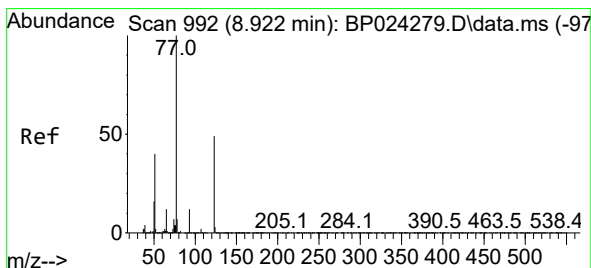
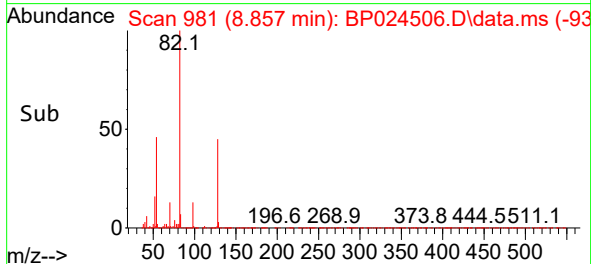
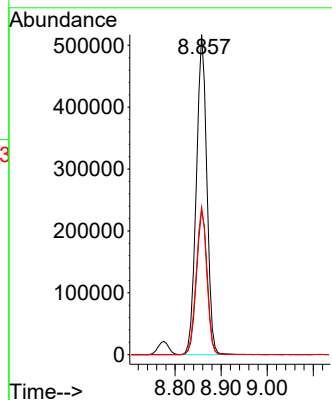
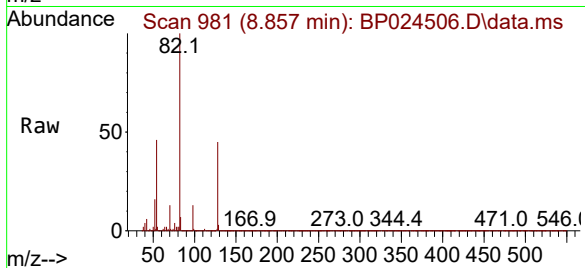




#23
Nitrobenzene-d5
Concen: 89.119 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

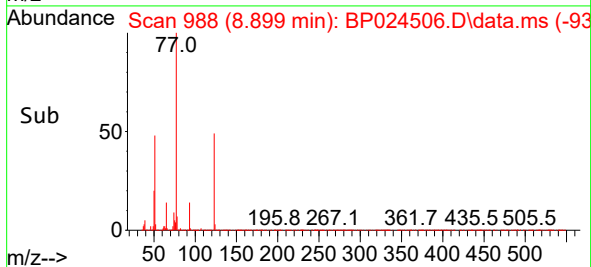
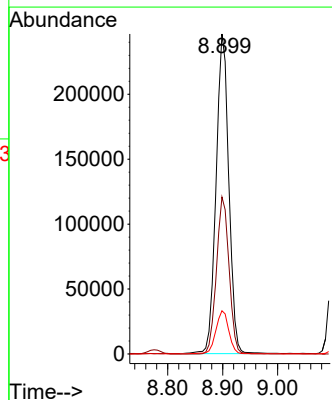
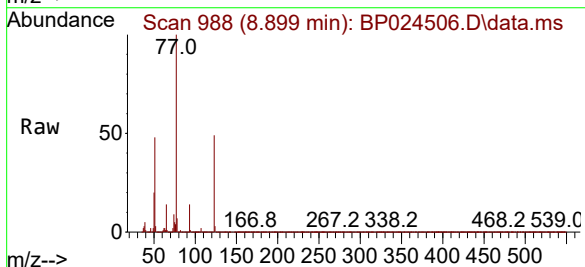
Instrument :
BNA_P
ClientSampleId :
PB167823BS

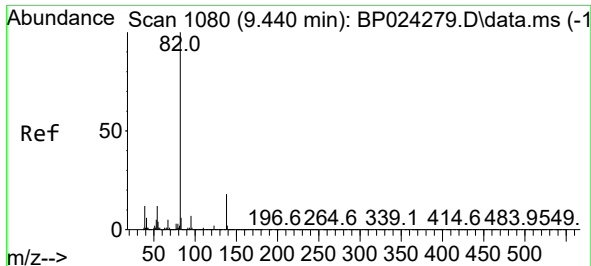
Tgt Ion: 82 Resp: 817191
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 46.2 33.4 50.2



#24
Nitrobenzene
Concen: 43.776 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 77 Resp: 397095
Ion Ratio Lower Upper
77 100
123 49.0 39.2 58.8
65 13.5 9.8 14.6

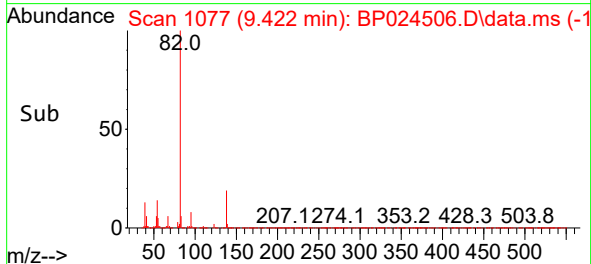
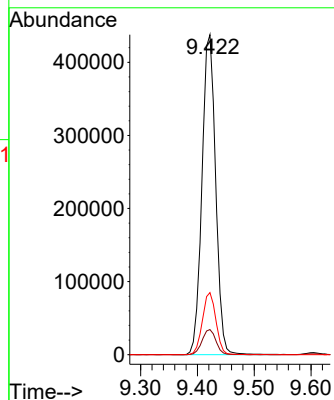
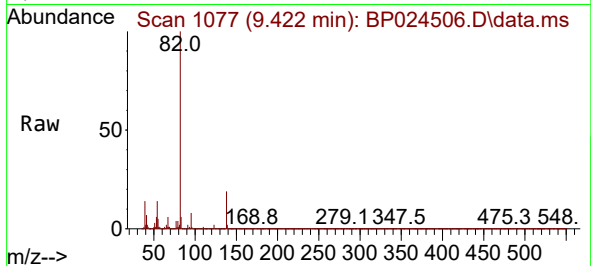




#25
Isophorone
Concen: 43.990 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

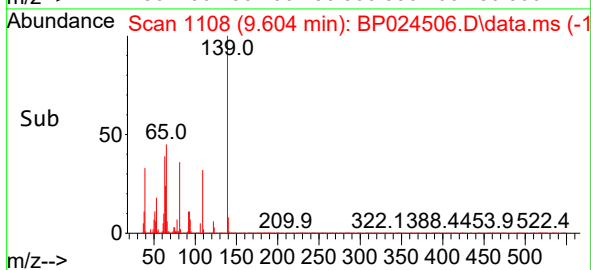
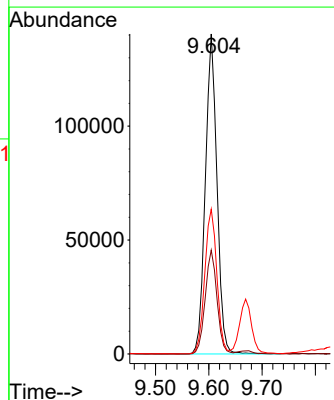
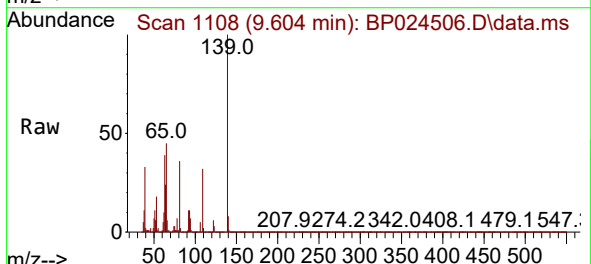
Instrument :
BNA_P
ClientSampleId :
PB167823BS

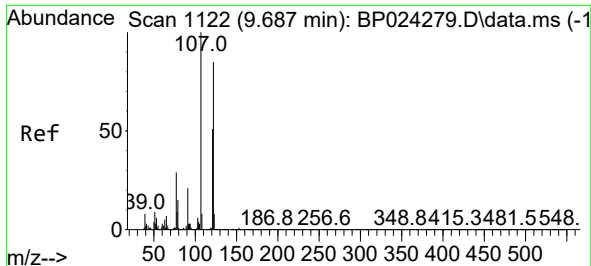
Tgt Ion: 82 Resp: 730123
Ion Ratio Lower Upper
82 100
95 7.9 5.4 8.2
138 19.4 14.4 21.6



#26
2-Nitrophenol
Concen: 48.001 ng
RT: 9.604 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 139 Resp: 213082
Ion Ratio Lower Upper
139 100
109 32.4 21.8 32.6
65 45.3 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 65.104 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

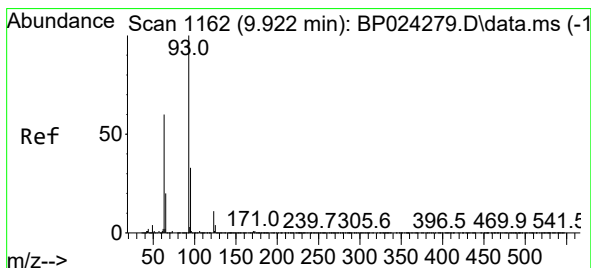
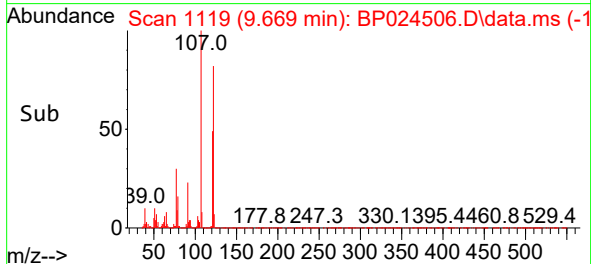
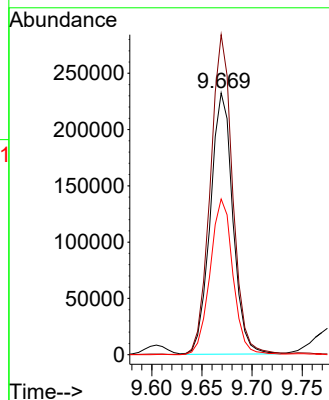
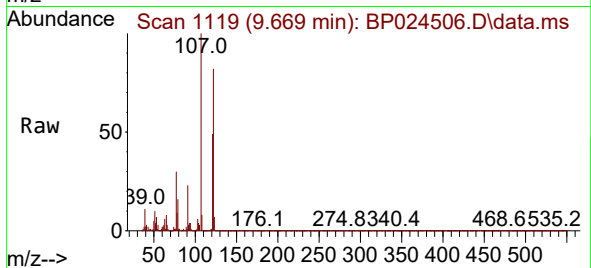
Tgt Ion:122 Resp: 362885

Ion Ratio Lower Upper

122 100

107 122.3 93.7 140.5

121 59.5 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.666 ng

RT: 9.899 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

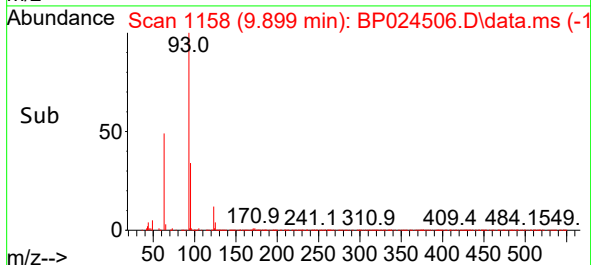
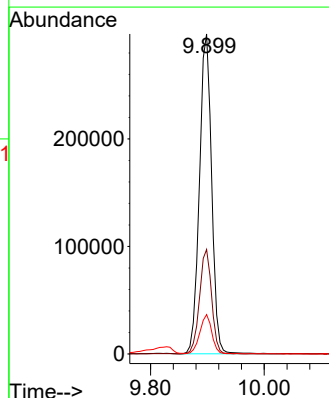
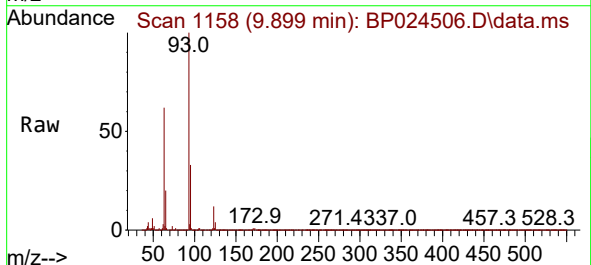
Tgt Ion: 93 Resp: 444752

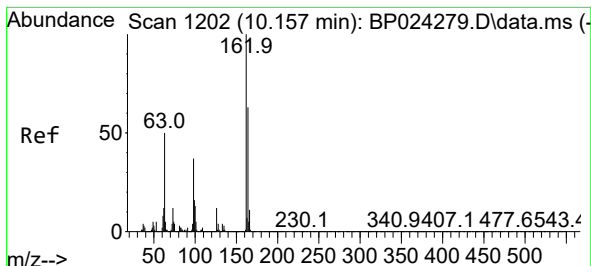
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 12.3 9.1 13.7

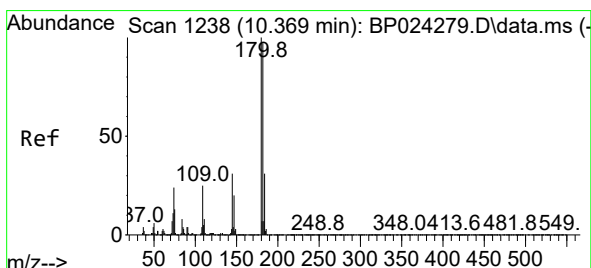
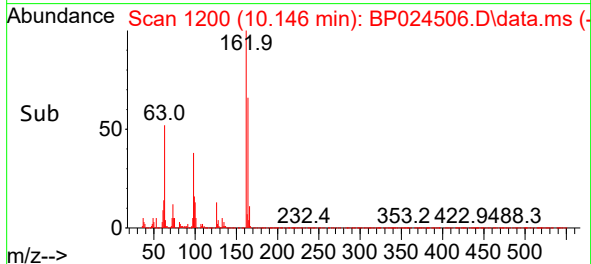
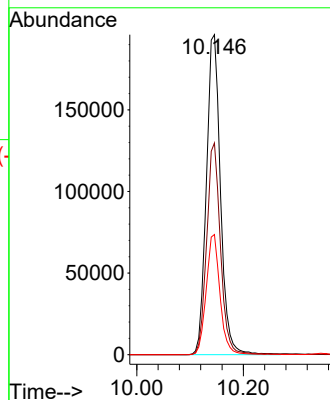
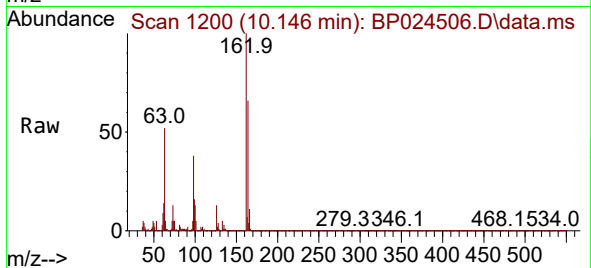




#29
2,4-Dichlorophenol
Concen: 47.622 ng
RT: 10.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

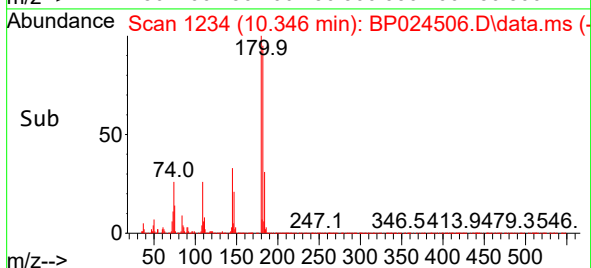
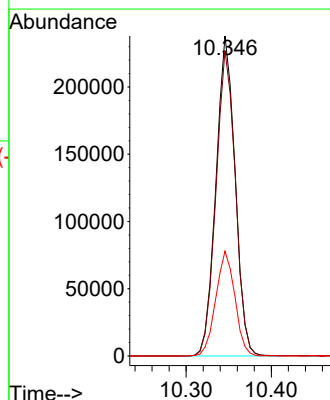
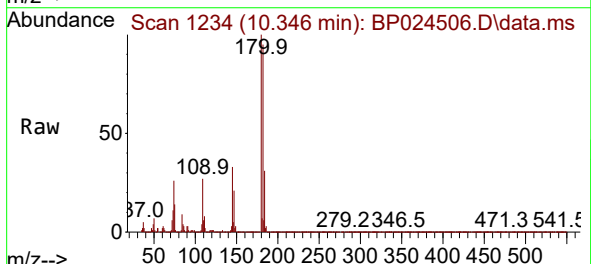
Instrument :
BNA_P
ClientSampleId :
PB167823BS

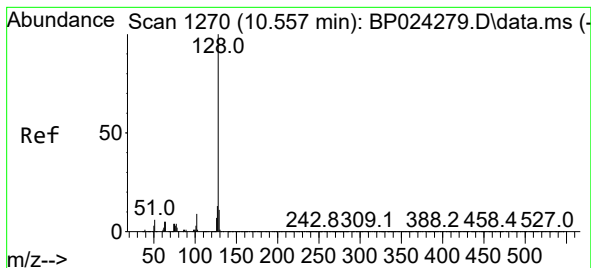
Tgt Ion:162 Resp: 361931
Ion Ratio Lower Upper
162 100
164 66.2 43.3 83.3
98 37.6 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 45.718 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:180 Resp: 372277
Ion Ratio Lower Upper
180 100
182 95.4 77.3 115.9
145 32.7 25.1 37.7

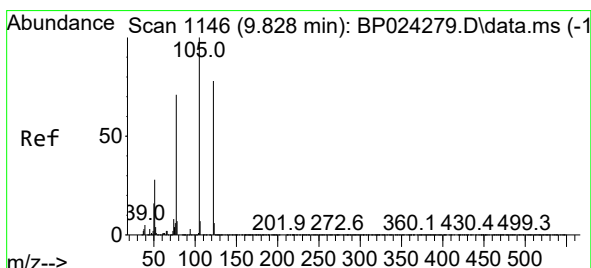
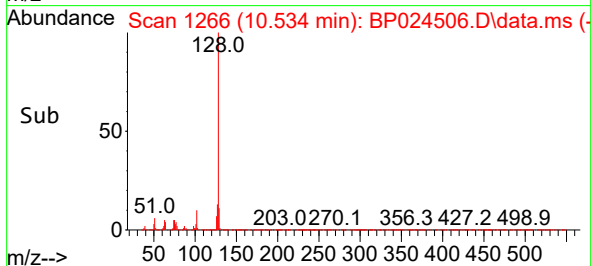
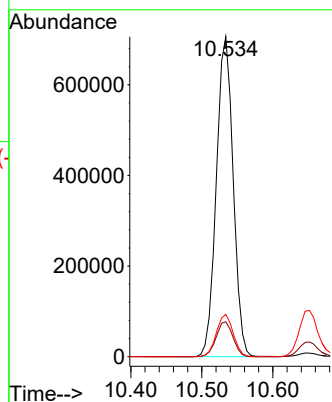
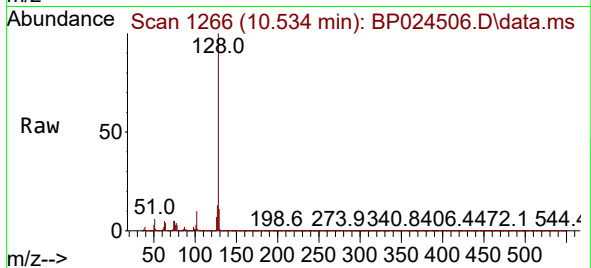




#31
Naphthalene
Concen: 42.059 ng
RT: 10.534 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

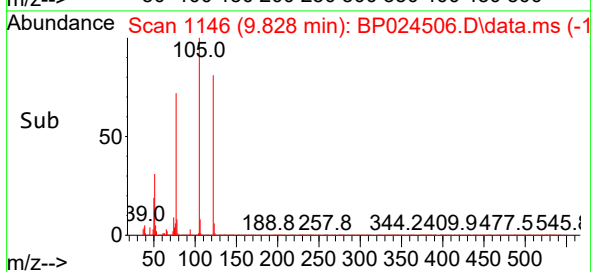
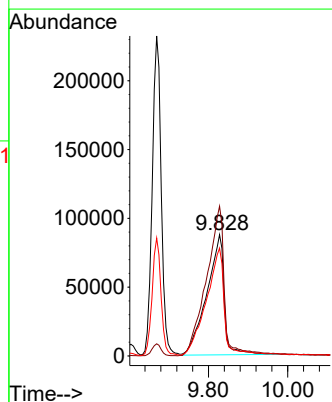
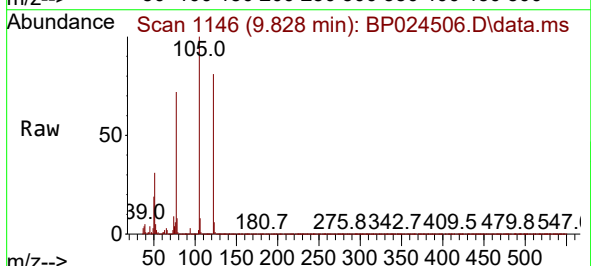
Instrument :
BNA_P
ClientSampleId :
PB167823BS

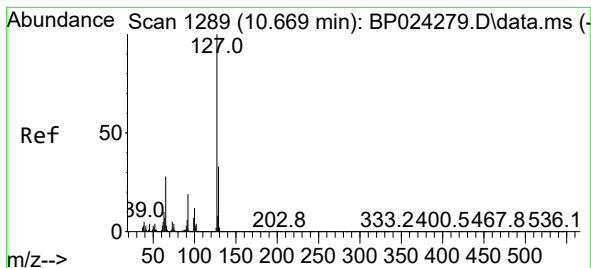
Tgt Ion:128 Resp: 1158412
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 41.130 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:122 Resp: 267136
Ion Ratio Lower Upper
122 100
105 123.5 104.8 144.8
77 88.9 69.2 109.2





#33

4-Chloroaniline

Concen: 20.393 ng

RT: 10.651 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

Tgt Ion:127 Resp: 197794

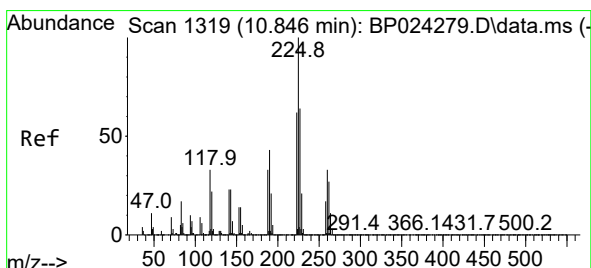
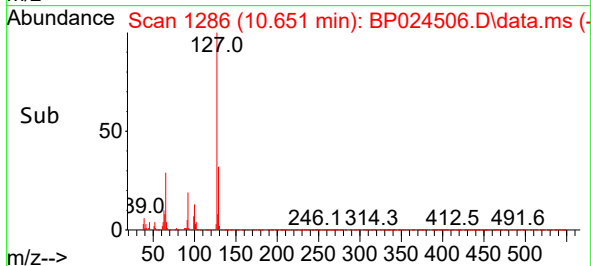
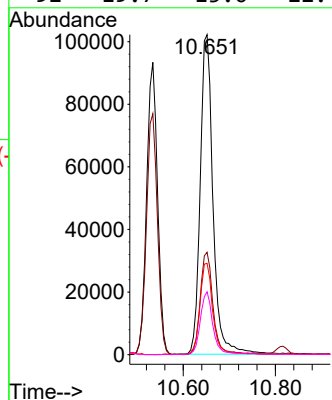
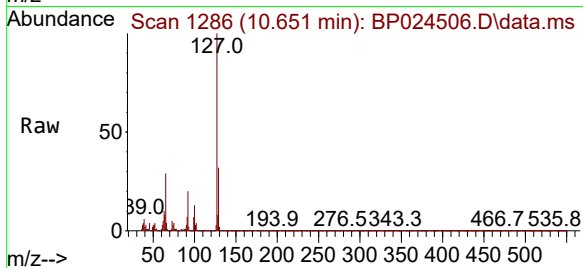
Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 28.6 22.1 33.1

92 19.7 15.0 22.4



#34

Hexachlorobutadiene

Concen: 49.698 ng

RT: 10.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

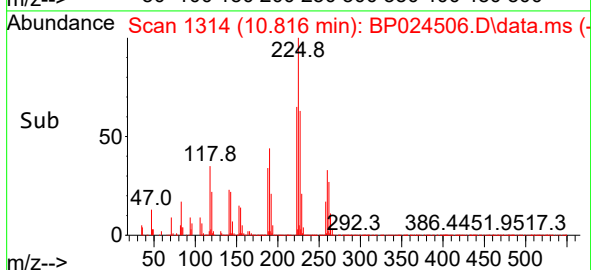
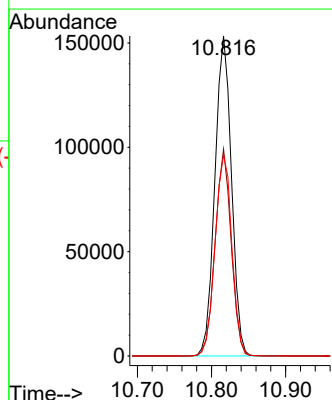
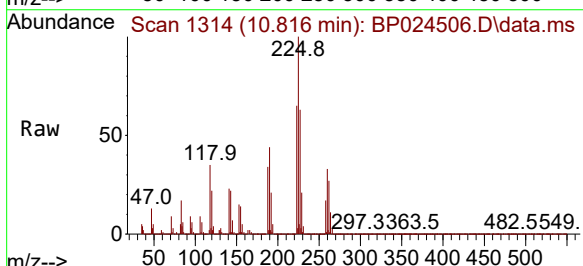
Tgt Ion:225 Resp: 237806

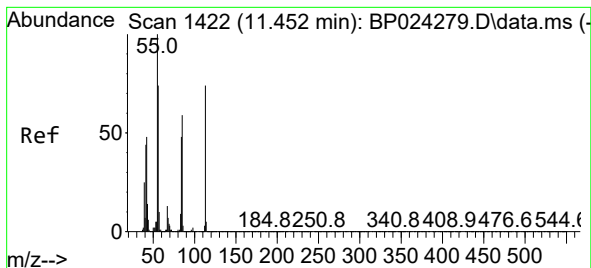
Ion Ratio Lower Upper

225 100

223 64.6 49.5 74.3

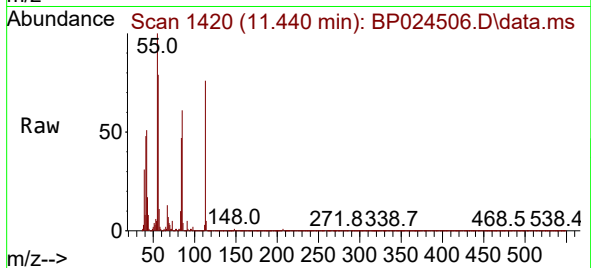
227 62.9 50.9 76.3



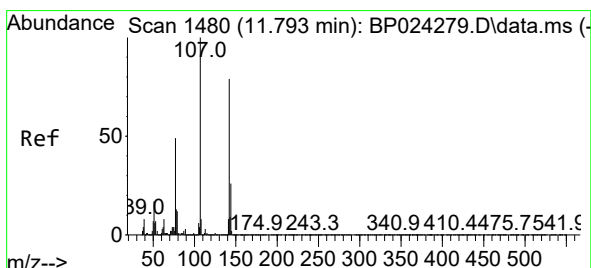
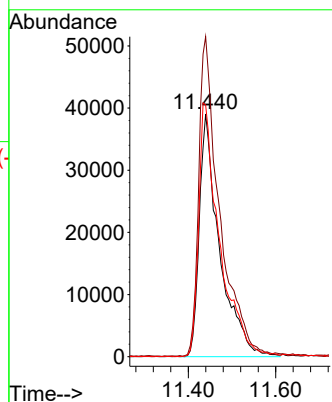
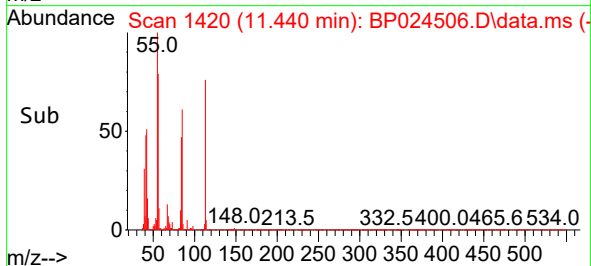


#35
Caprolactam
Concen: 44.652 ng
RT: 11.440 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

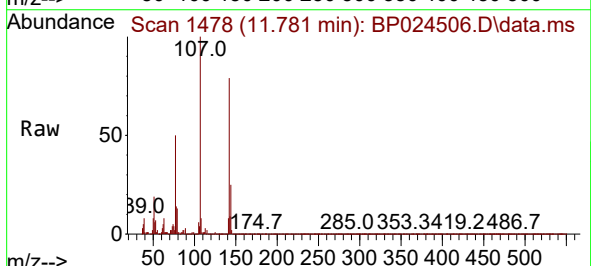
Instrument :
BNA_P
ClientSampleId :
PB167823BS



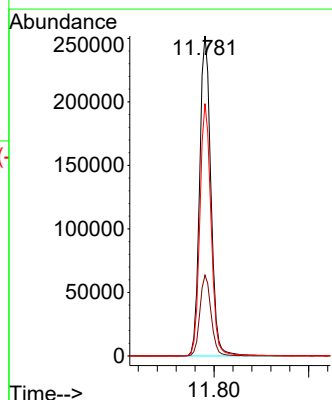
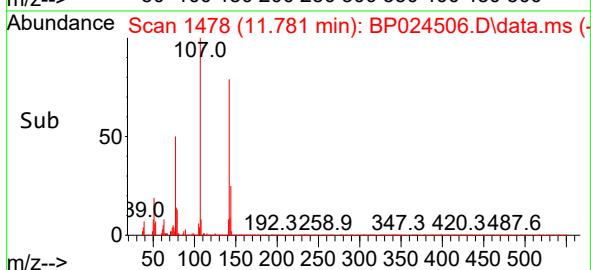
Tgt Ion:113 Resp: 125215
Ion Ratio Lower Upper
113 100
55 131.8 115.9 155.9
56 103.7 81.1 121.1

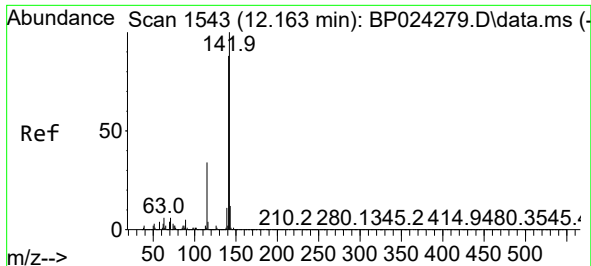


#36
4-Chloro-3-methylphenol
Concen: 46.826 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49



Tgt Ion:107 Resp: 414519
Ion Ratio Lower Upper
107 100
144 25.3 20.5 30.7
142 78.8 63.4 95.2

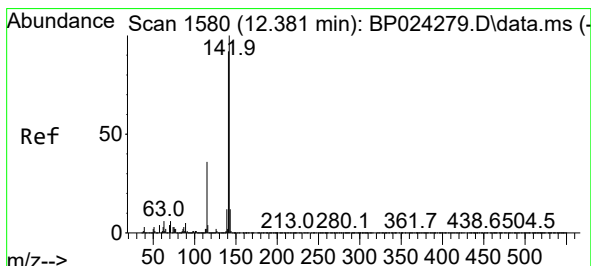
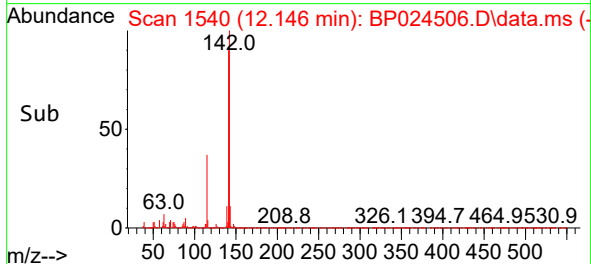
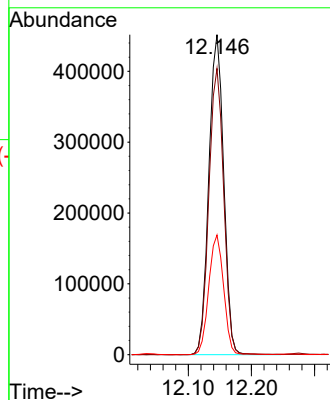
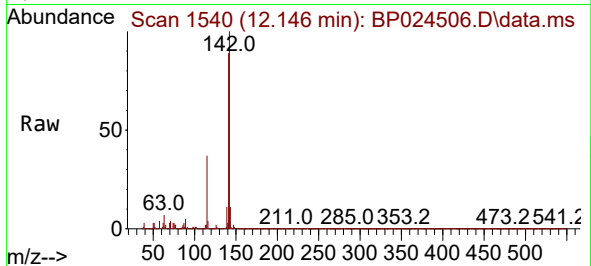




#37
2-Methylnaphthalene
Concen: 38.636 ng
RT: 12.146 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

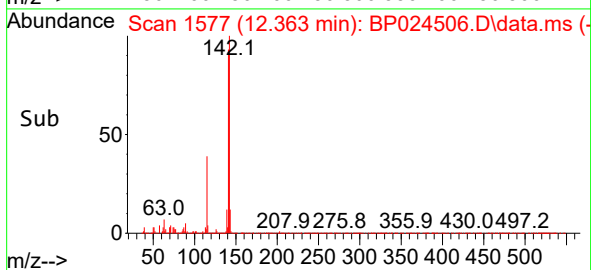
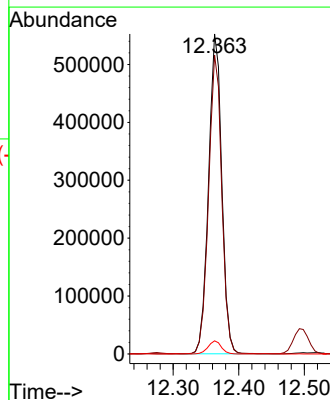
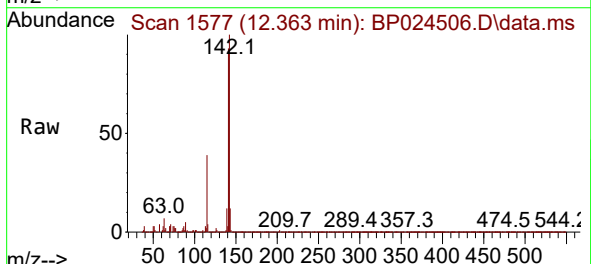
Instrument :
BNA_P
ClientSampleId :
PB167823BS

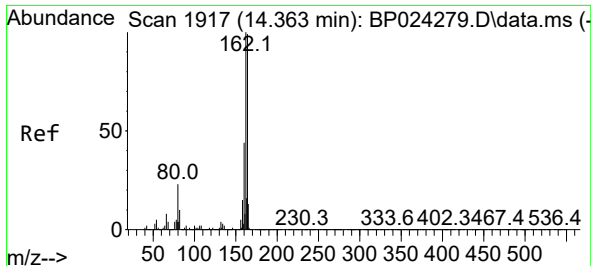
Tgt Ion:142 Resp: 737997
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 37.4 26.9 40.3



#38
1-Methylnaphthalene
Concen: 41.502 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:142 Resp: 775521
Ion Ratio Lower Upper
142 100
141 93.4 73.6 110.4
116 4.1 3.0 4.6

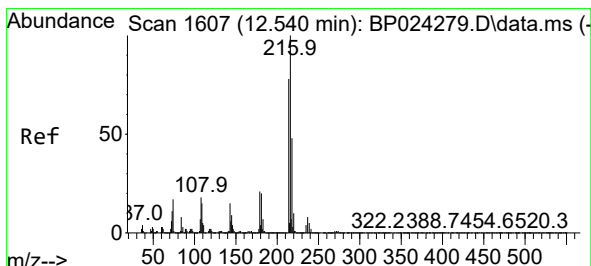
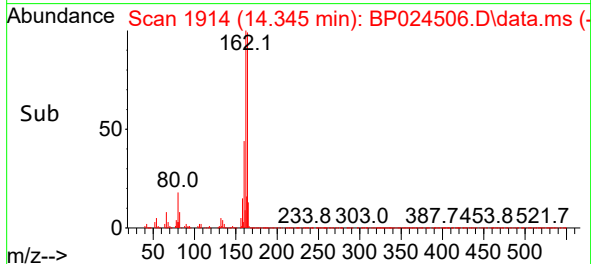
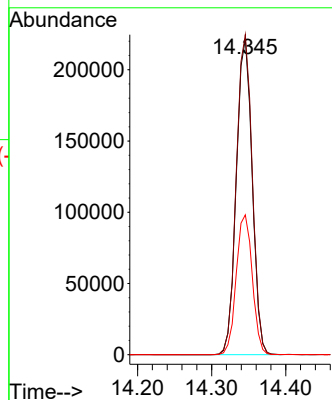
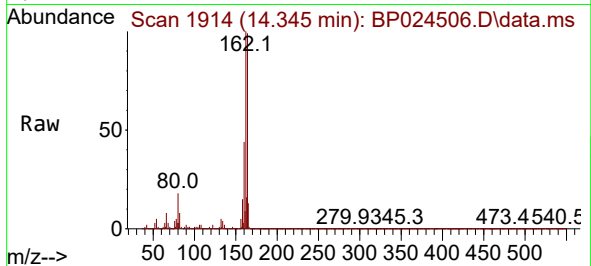




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

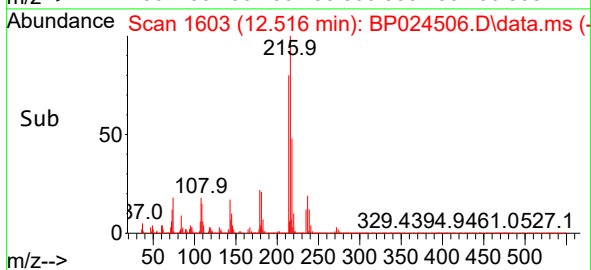
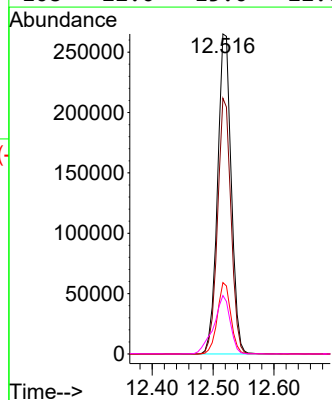
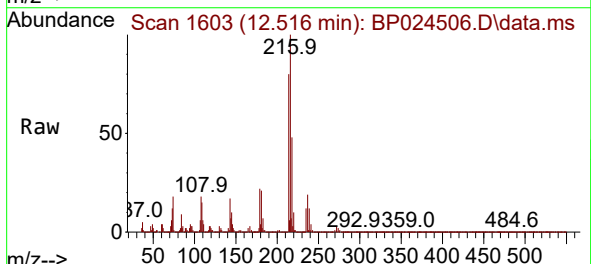
Instrument :
BNA_P
ClientSampleId :
PB167823BS

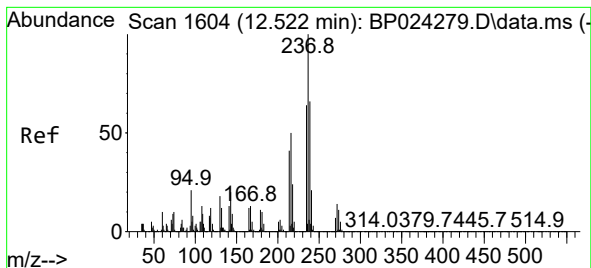
Tgt Ion:164 Resp: 328379
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.3 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.708 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:216 Resp: 412761
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 21.9 17.2 25.8
108 22.0 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 183.201 ng

RT: 12.498 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

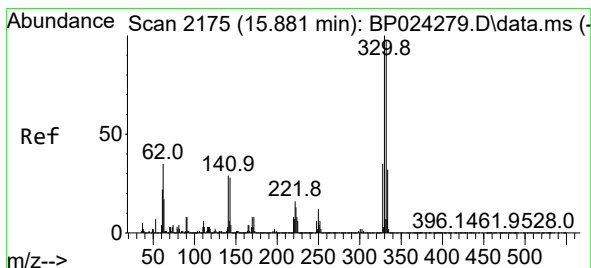
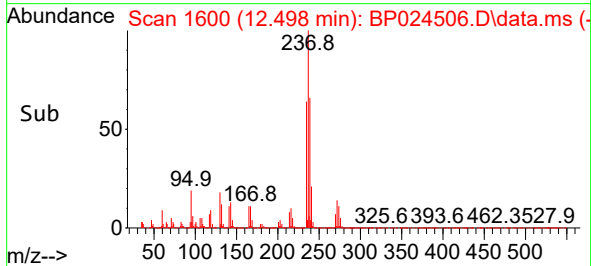
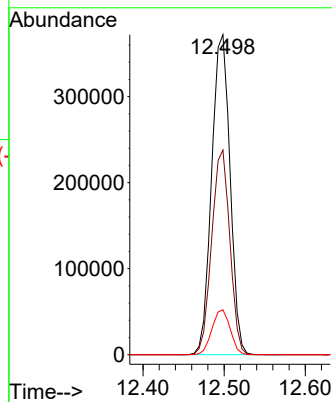
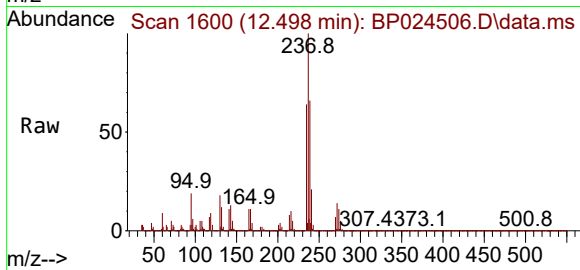
Tgt Ion:237 Resp: 585115

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

272 14.0 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 163.080 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

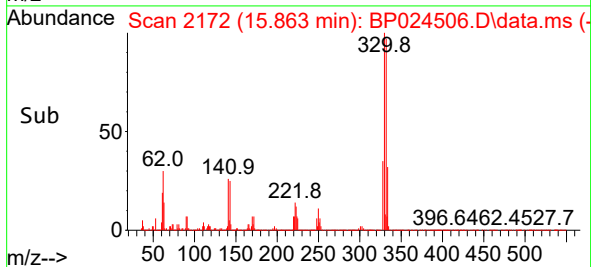
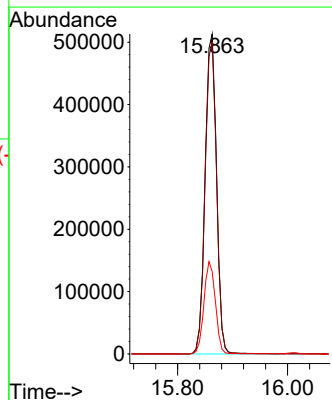
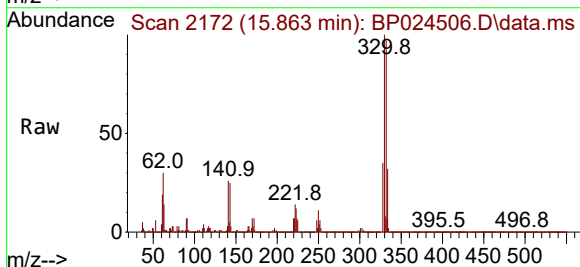
Tgt Ion:330 Resp: 740923

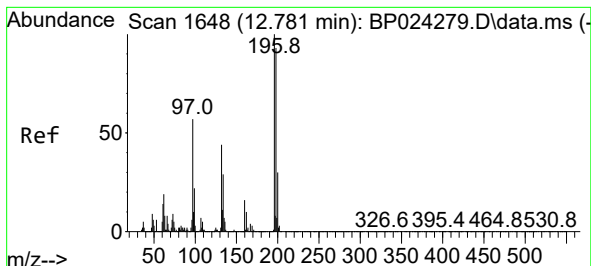
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 29.0 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.419 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

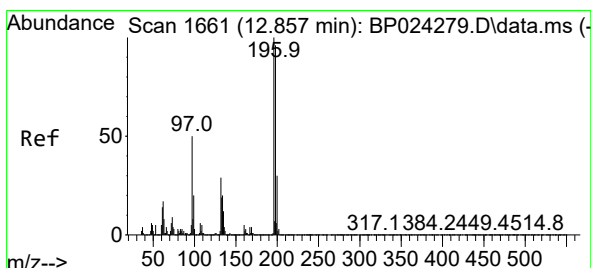
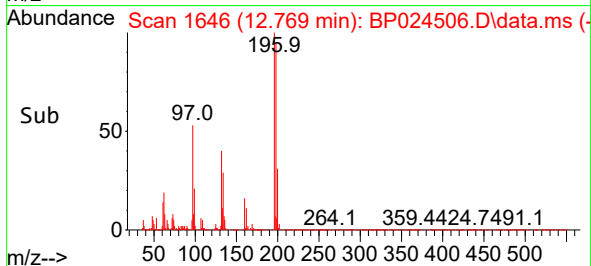
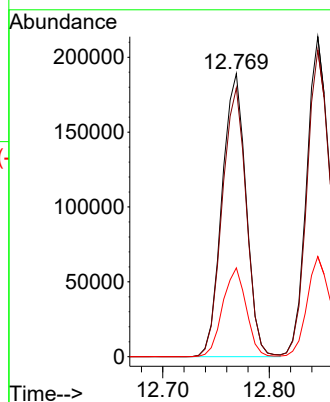
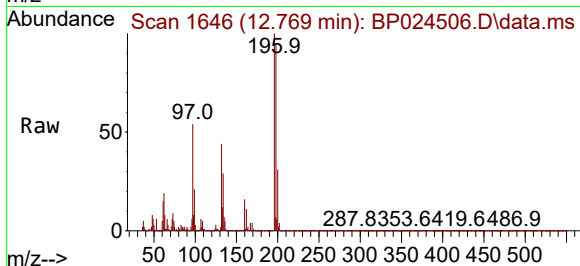
Tgt Ion:196 Resp: 296709

Ion Ratio Lower Upper

196 100

198 95.0 74.3 111.5

200 31.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.109 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Tgt Ion:196 Resp: 326505

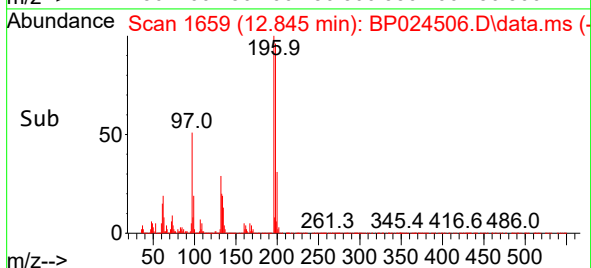
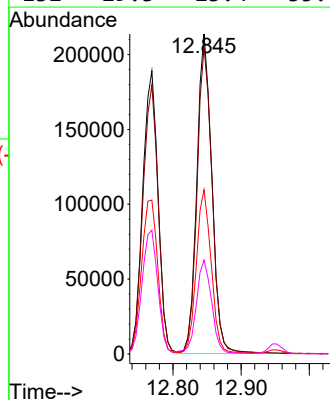
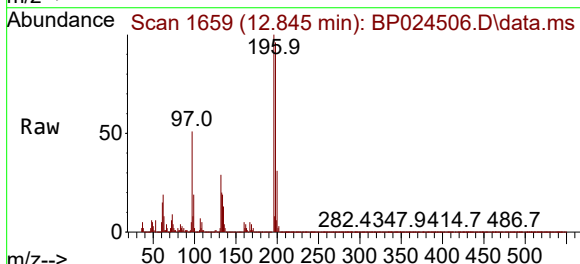
Ion Ratio Lower Upper

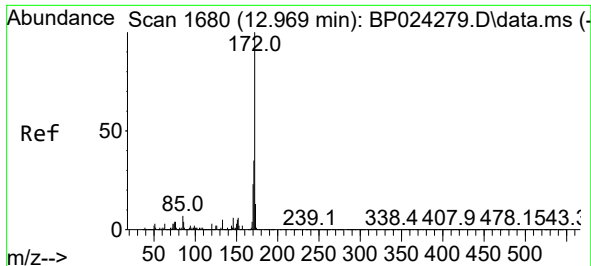
196 100

198 95.9 77.3 115.9

97 51.3 40.4 60.6

132 29.3 23.4 35.0

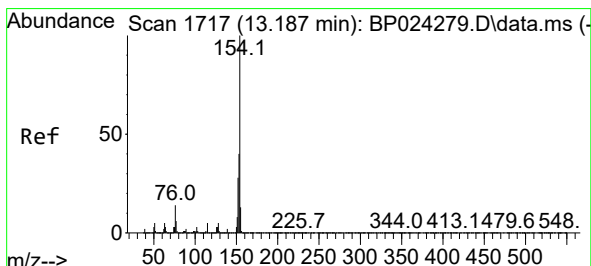
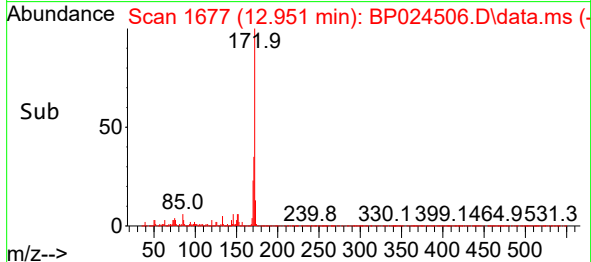
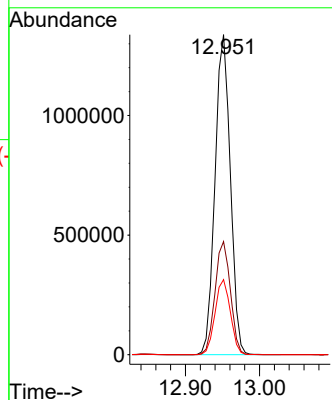
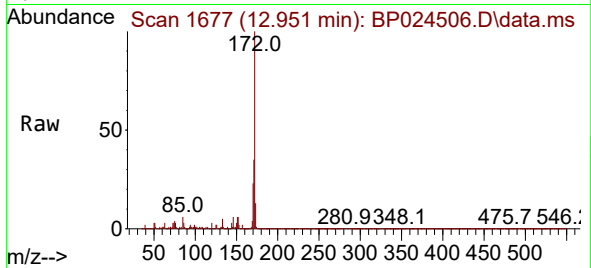




#45
2-Fluorobiphenyl
Concen: 89.426 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

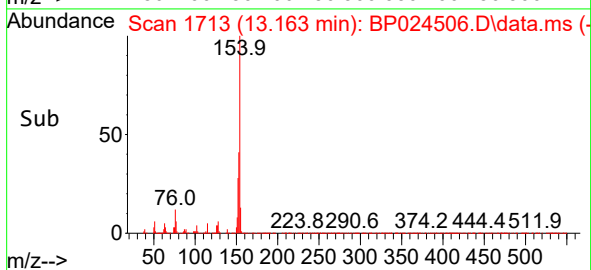
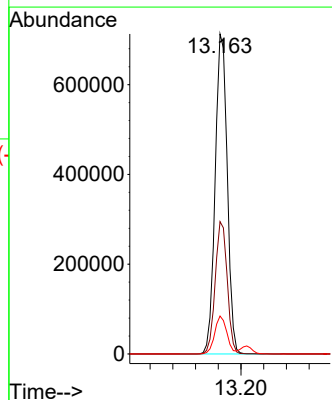
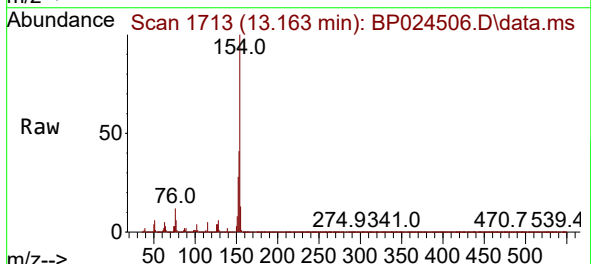
Instrument :
BNA_P
ClientSampleId :
PB167823BS

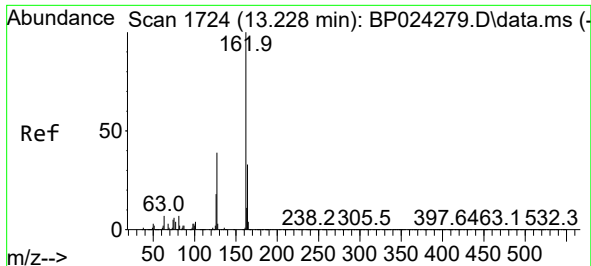
Tgt Ion:172 Resp: 1917923
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.573 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:154 Resp: 1051750
Ion Ratio Lower Upper
154 100
153 41.4 20.3 60.3
76 11.9 0.0 33.5

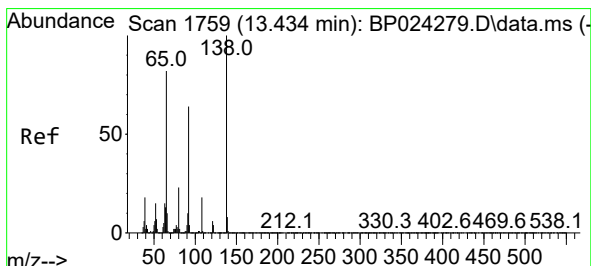
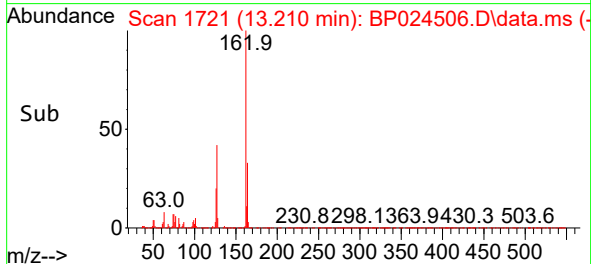
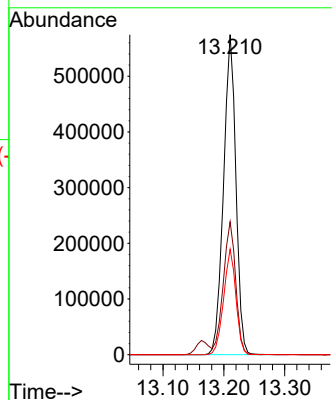
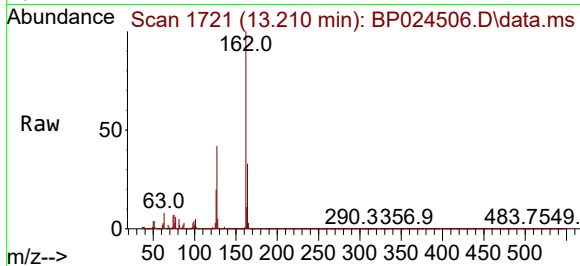




#47
2-Chloronaphthalene
Concen: 44.978 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

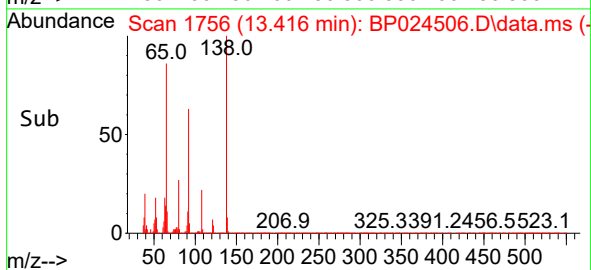
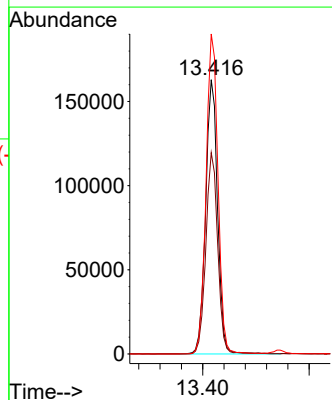
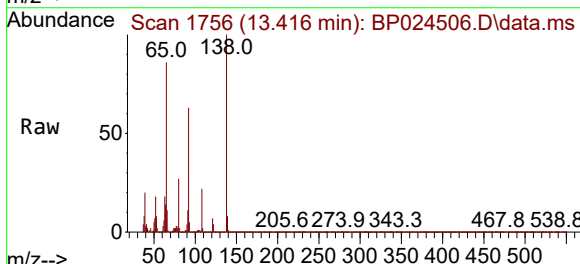
Instrument :
BNA_P
ClientSampleId :
PB167823BS

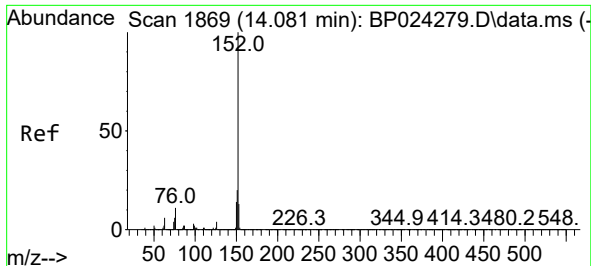
Tgt Ion:162 Resp: 811415
Ion Ratio Lower Upper
162 100
127 41.6 31.9 47.9
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 49.907 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion: 65 Resp: 252547
Ion Ratio Lower Upper
65 100
92 73.4 62.3 93.5
138 116.7 97.2 145.8

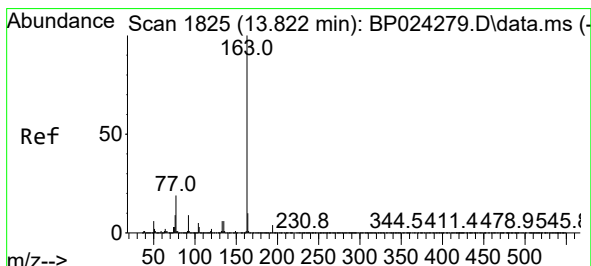
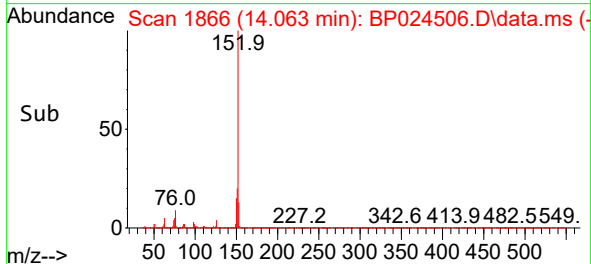
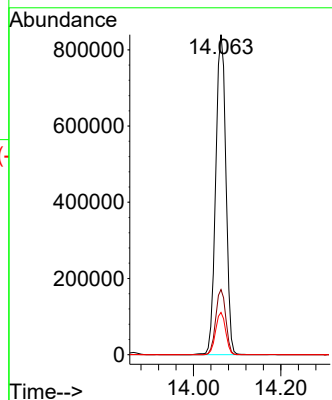
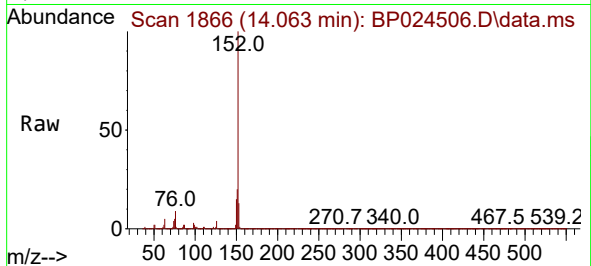




#49
Acenaphthylene
Concen: 47.829 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

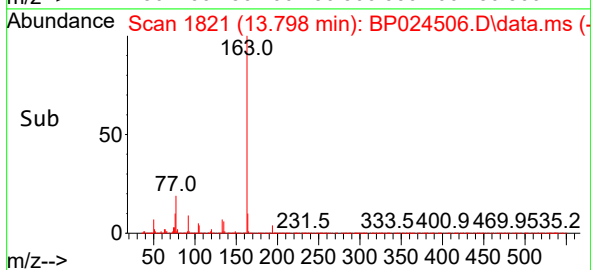
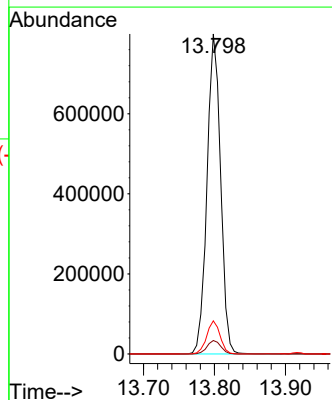
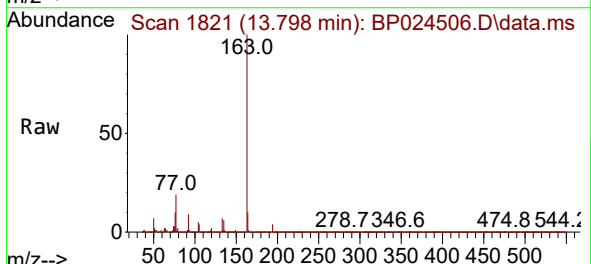
Instrument :
BNA_P
ClientSampleId :
PB167823BS

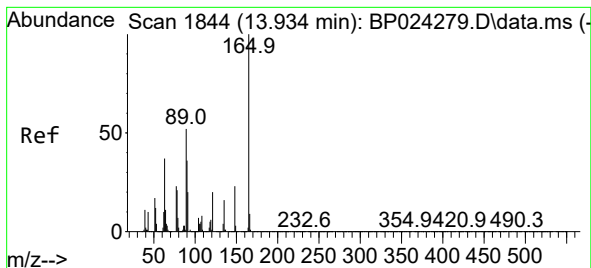
Tgt Ion:152 Resp: 1358474
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 44.445 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:163 Resp: 1061351
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.3 8.0 12.0

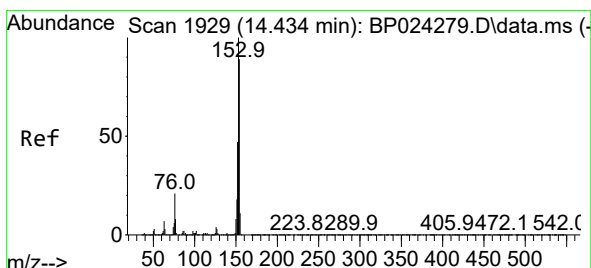
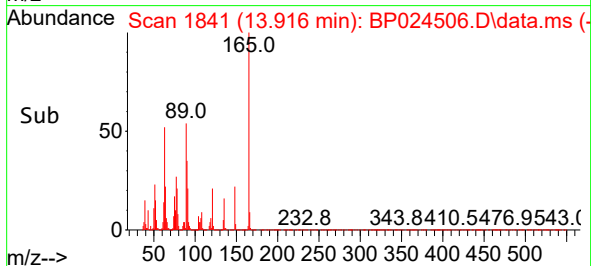
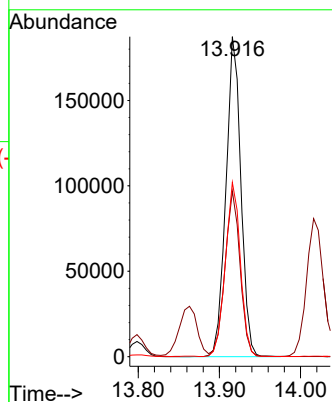
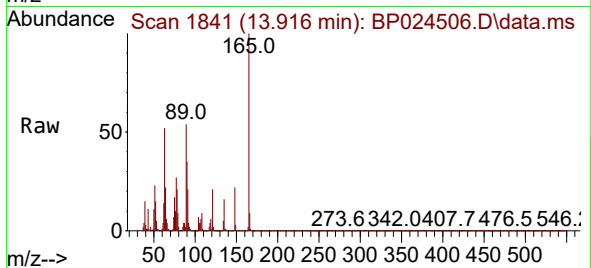




#51
2,6-Dinitrotoluene
Concen: 47.397 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

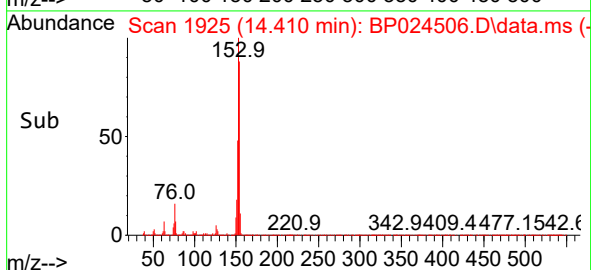
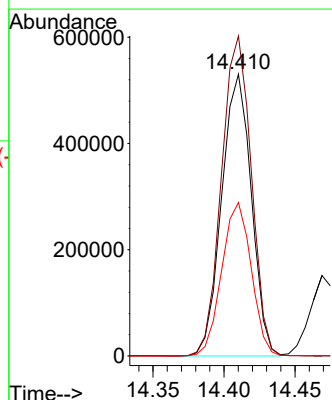
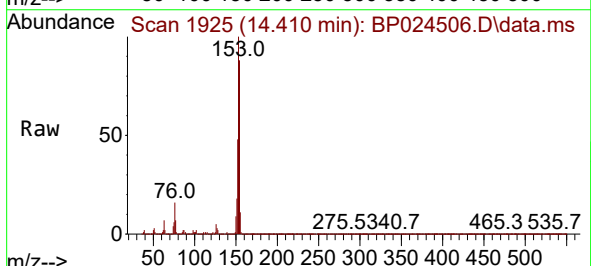
Instrument :
BNA_P
ClientSampleId :
PB167823BS

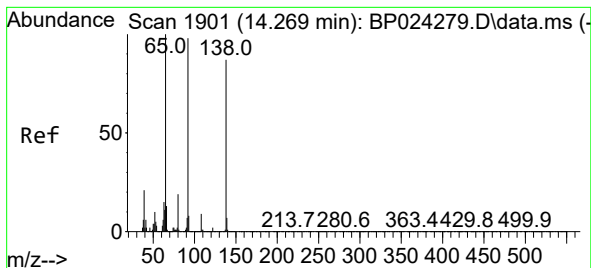
Tgt Ion:165 Resp: 240350
Ion Ratio Lower Upper
165 100
63 51.7 38.0 57.0
89 54.4 41.7 62.5



#52
Acenaphthene
Concen: 42.742 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:154 Resp: 769629
Ion Ratio Lower Upper
154 100
153 113.5 89.8 134.6
152 54.5 42.6 63.8

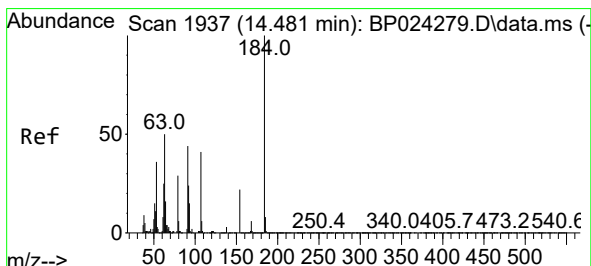
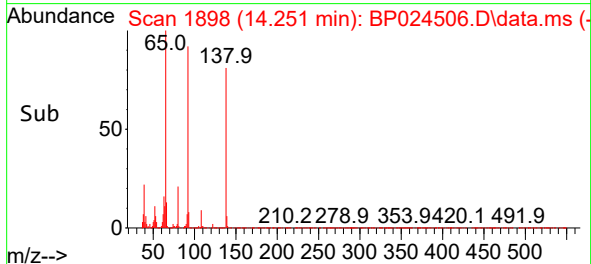
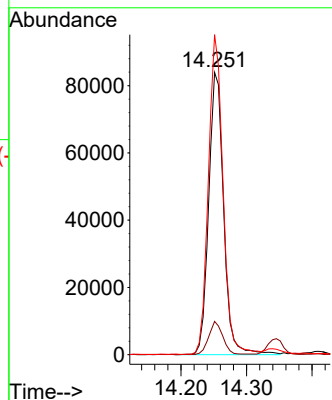
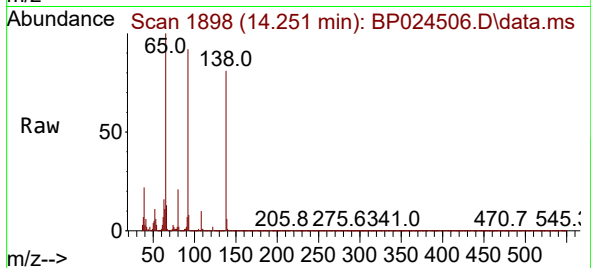




#53
3-Nitroaniline
Concen: 25.033 ng
RT: 14.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

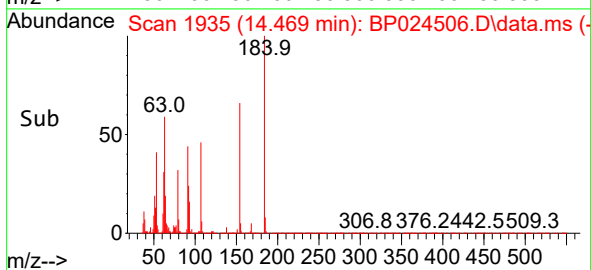
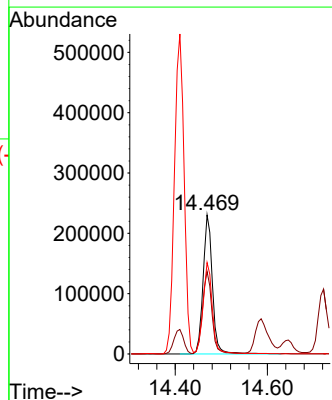
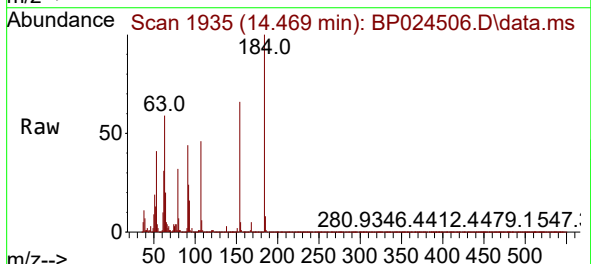
Instrument :
BNA_P
ClientSampleId :
PB167823BS

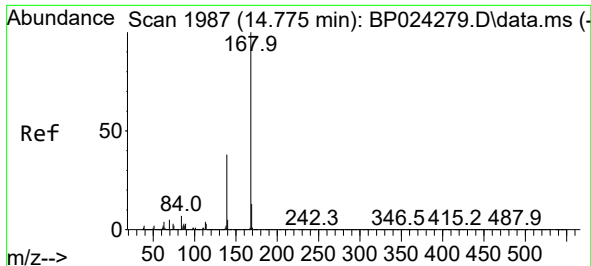
Tgt Ion:138 Resp: 133416
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 113.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 109.454 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:184 Resp: 326941
Ion Ratio Lower Upper
184 100
63 59.3 42.6 64.0
154 65.8 47.2 70.8

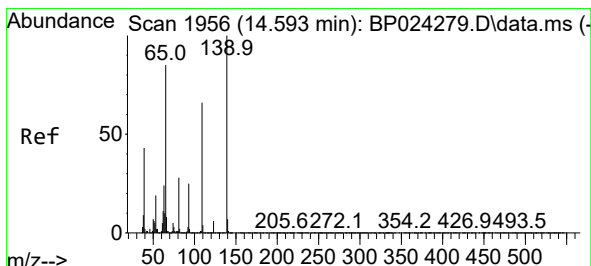
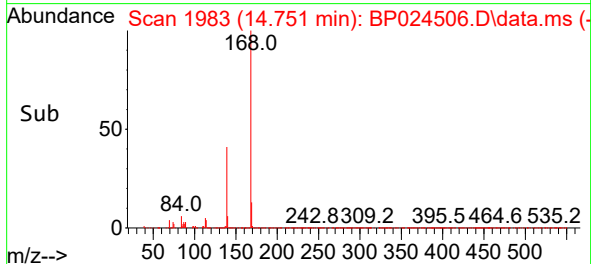
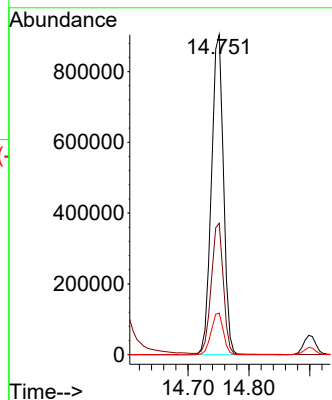
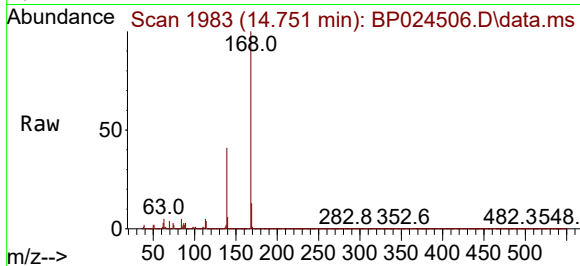




#55
Dibenzenofuran
Concen: 42.182 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

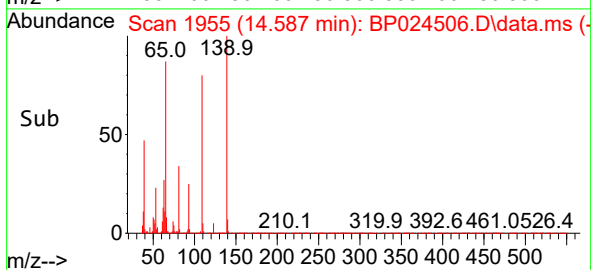
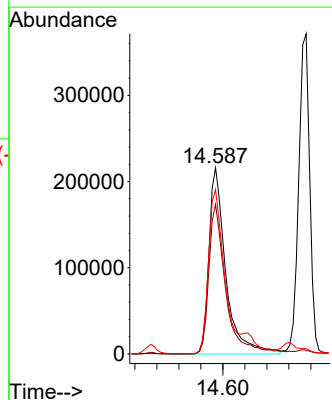
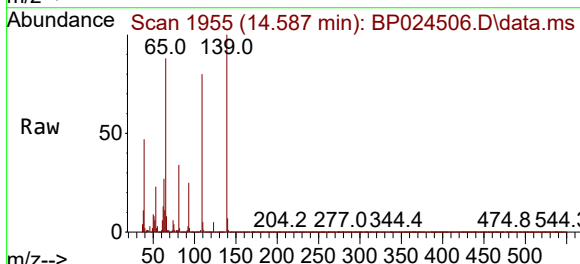
Instrument :
BNA_P
ClientSampleId :
PB167823BS

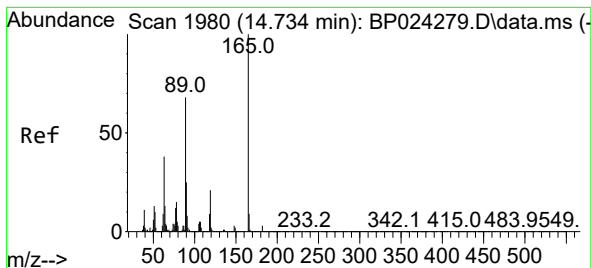
Tgt Ion:168 Resp: 1241551
Ion Ratio Lower Upper
168 100
139 41.1 30.3 45.5
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 99.782 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:139 Resp: 459292
Ion Ratio Lower Upper
139 100
109 80.3 46.1 86.1
65 88.4 65.0 105.0

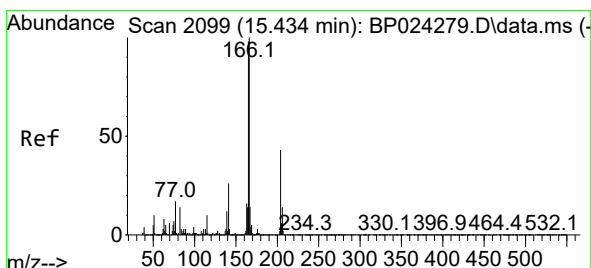
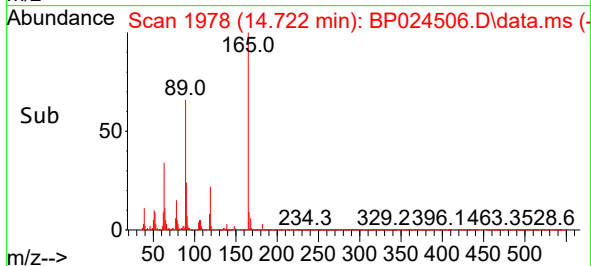
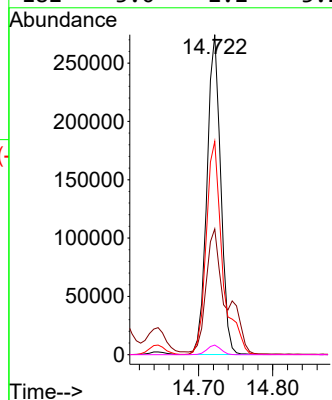
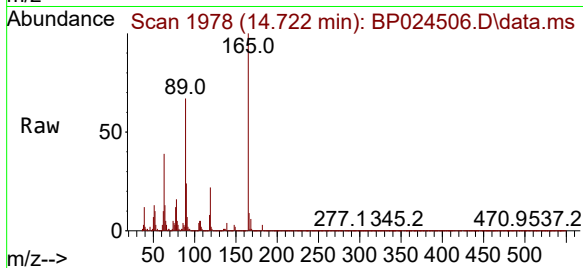




#57
2,4-Dinitrotoluene
Concen: 51.216 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

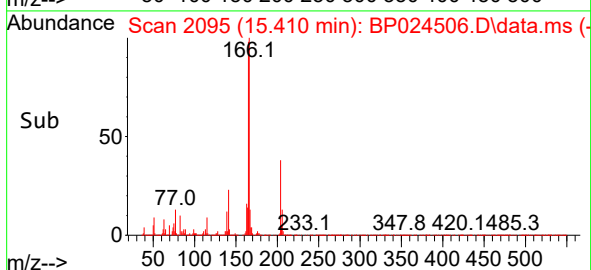
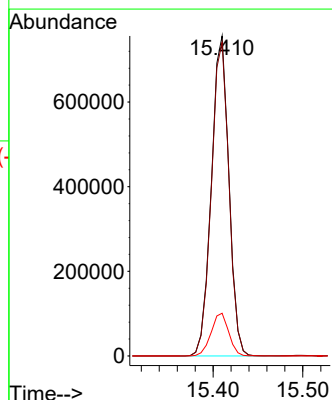
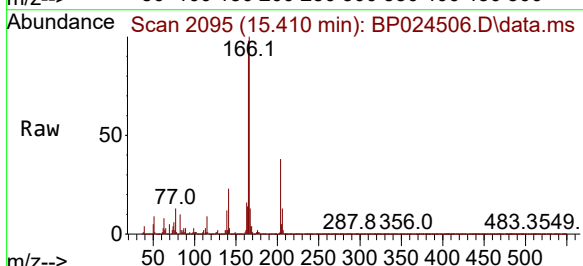
Instrument :
BNA_P
ClientSampleId :
PB167823BS

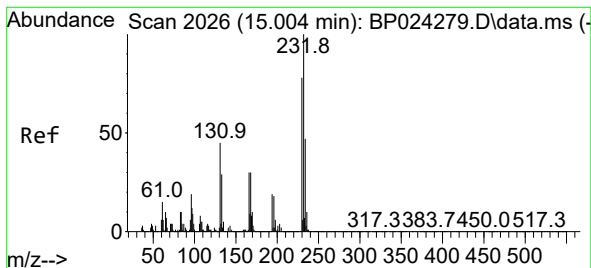
Tgt Ion:165 Resp: 354281
Ion Ratio Lower Upper
165 100
63 39.3 30.4 45.6
89 66.6 54.6 82.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 44.970 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:166 Resp: 1024639
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.3 10.9 16.3



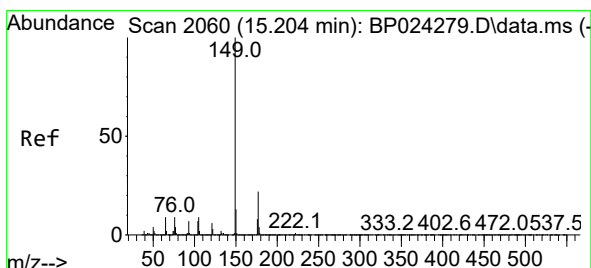
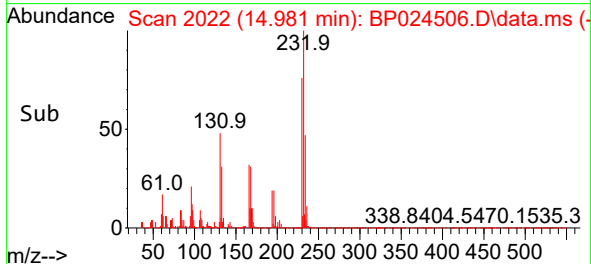
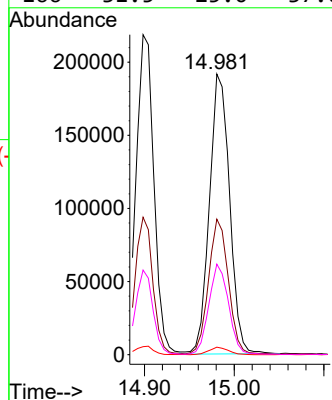
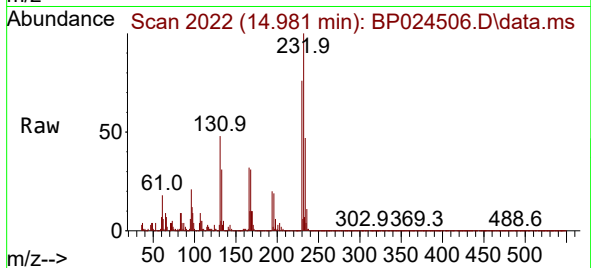


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.826 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Instrument :
BNA_P
ClientSampleId :
PB167823BS

Tgt Ion:232 Resp: 299405

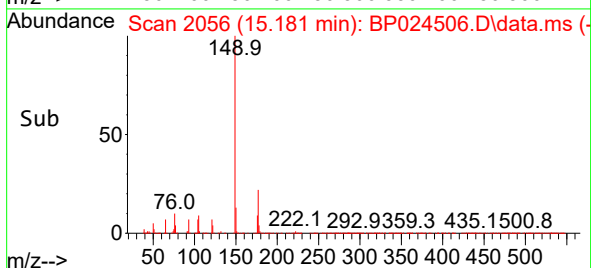
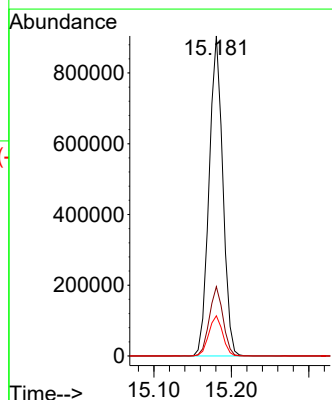
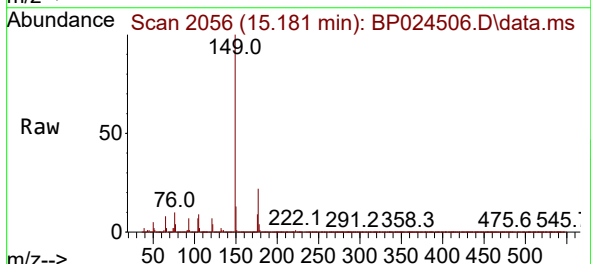
Ion	Ratio	Lower	Upper
232	100		
131	47.5	36.8	55.2
130	2.6	1.9	2.9
166	31.5	25.0	37.6

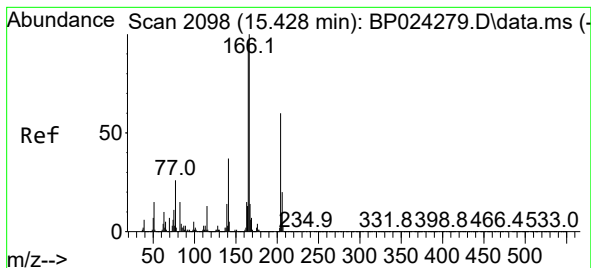


#60
Diethylphthalate
Concen: 45.091 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:149 Resp: 1109664

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.6	10.1	15.1

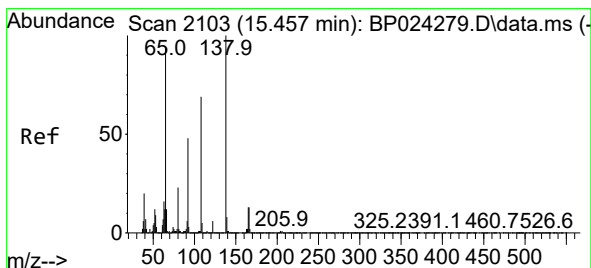
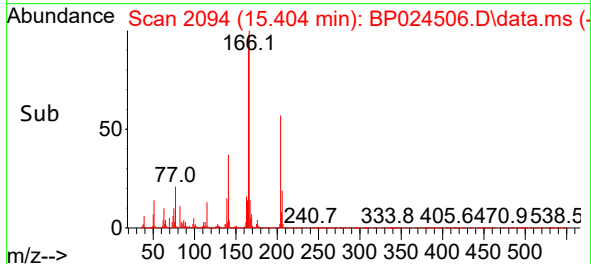
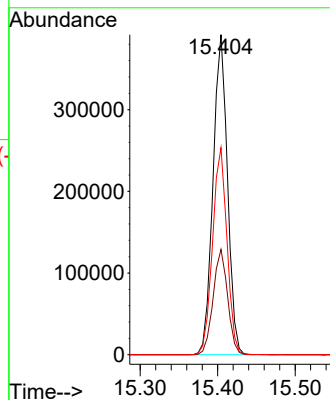
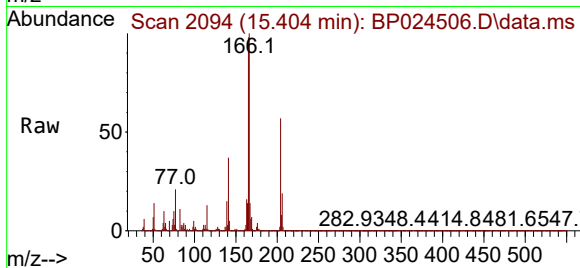




#61
4-Chlorophenyl-phenylether
Concen: 45.799 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

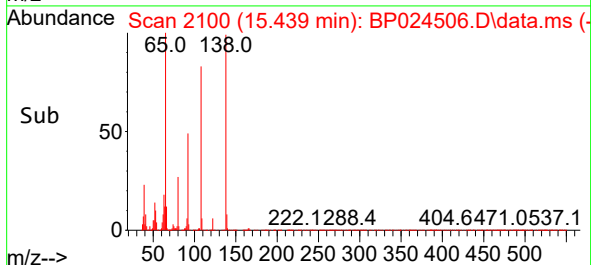
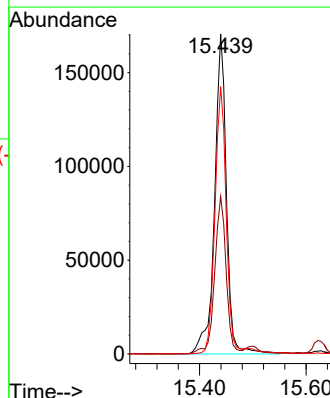
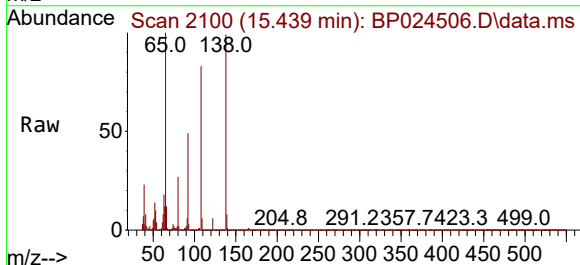
Instrument :
BNA_P
ClientSampleId :
PB167823BS

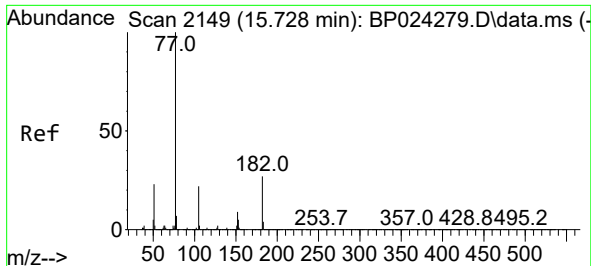
Tgt Ion:204 Resp: 506740
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.7 49.4 74.0



#62
4-Nitroaniline
Concen: 46.959 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:138 Resp: 264942
Ion Ratio Lower Upper
138 100
92 49.2 27.8 67.8
108 83.6 48.9 88.9

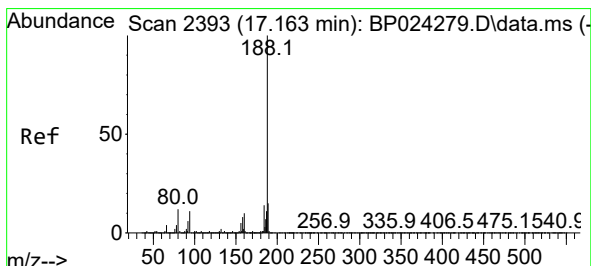
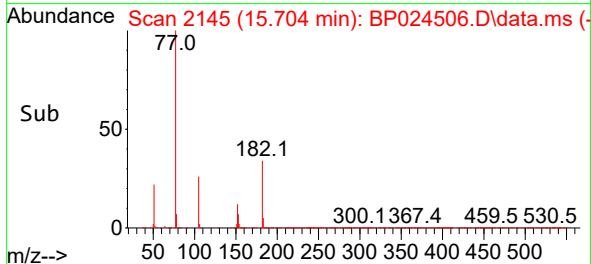
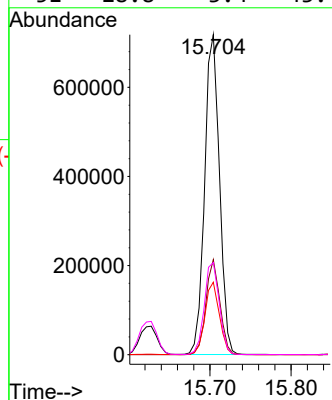
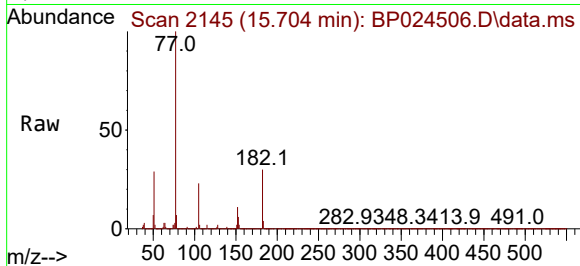




#63
Azobenzene
Concen: 40.178 ng
RT: 15.704 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

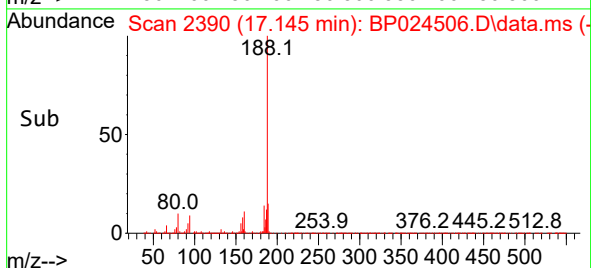
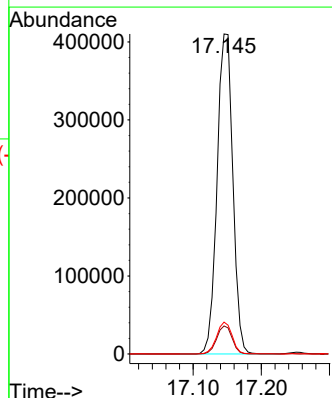
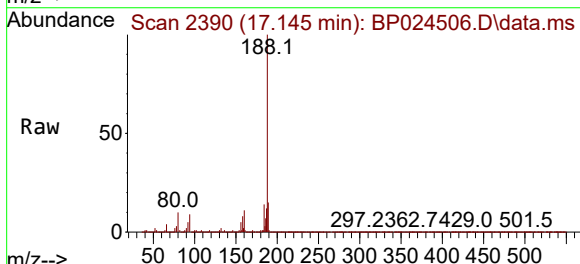
Instrument :
BNA_P
ClientSampleId :
PB167823BS

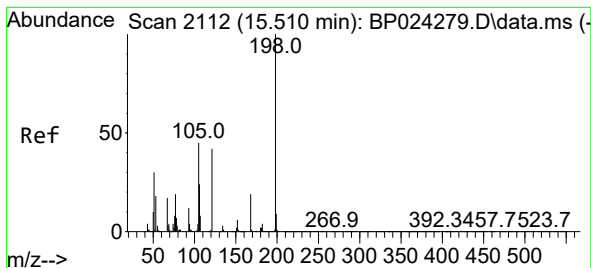
Tgt Ion: 77	Resp: 908782
Ion Ratio	Lower Upper
77 100	
182 29.7	7.3 47.3
105 22.7	2.3 42.3
51 28.8	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:188	Resp: 659860
Ion Ratio	Lower Upper
188 100	
94 8.8	8.6 13.0
80 9.9	9.8 14.6

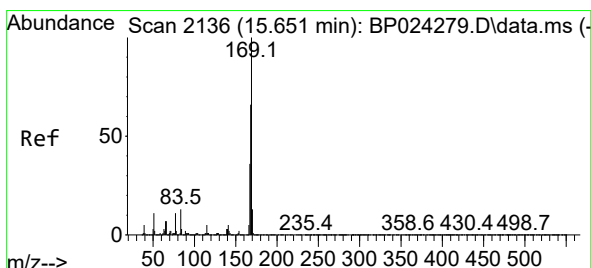
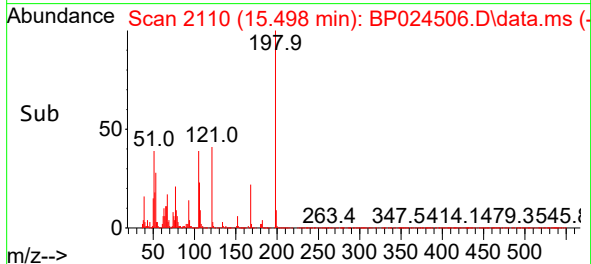
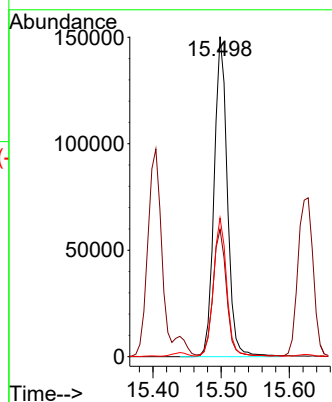
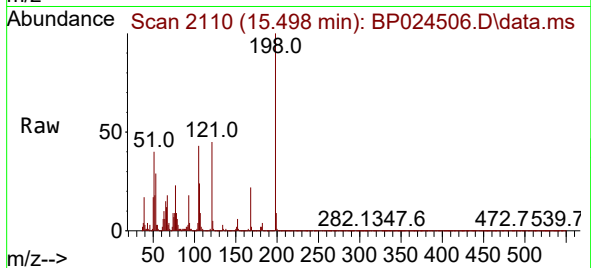




#65
4,6-Dinitro-2-methylphenol
Concen: 48.813 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

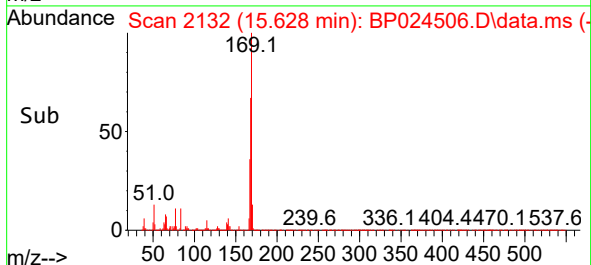
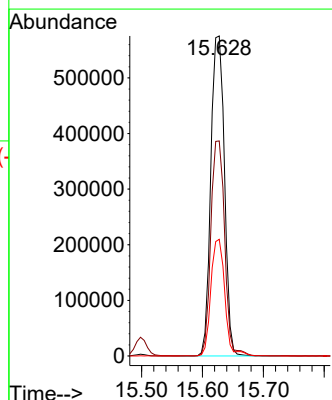
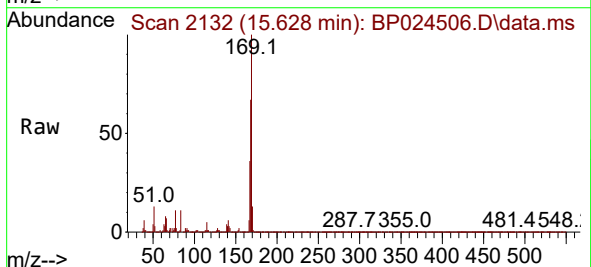
Instrument :
BNA_P
ClientSampleId :
PB167823BS

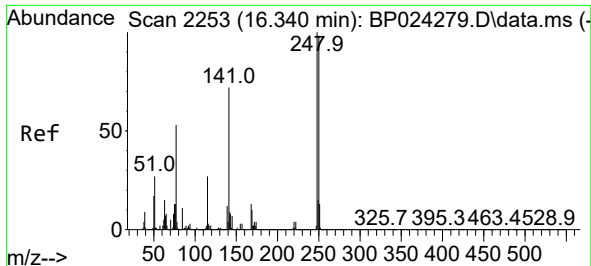
Tgt Ion:198 Resp: 203070
Ion Ratio Lower Upper
198 100
51 39.8 18.4 58.4
105 43.3 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 45.302 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:169 Resp: 892246
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.4
167 36.5 28.9 43.3

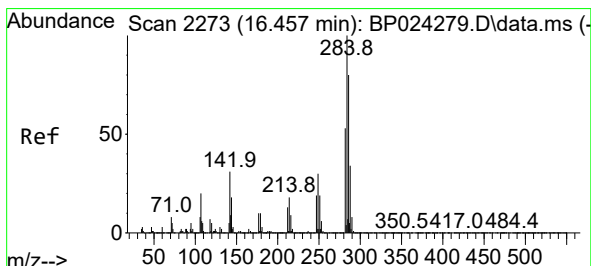
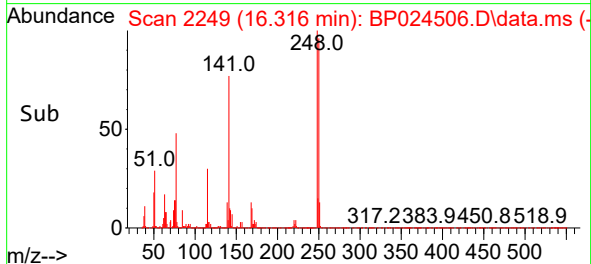
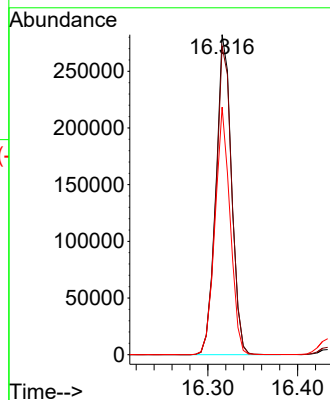
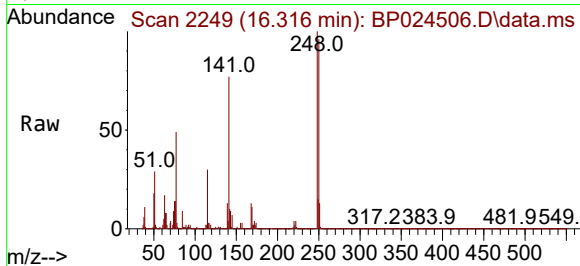




#67
4-Bromophenyl-phenylether
Concen: 47.159 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

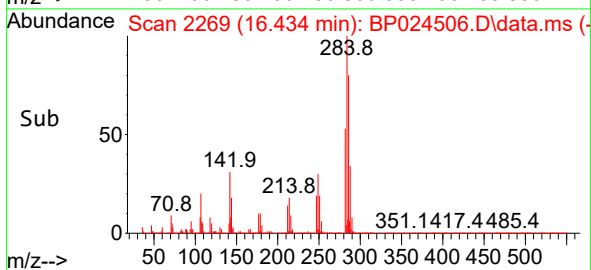
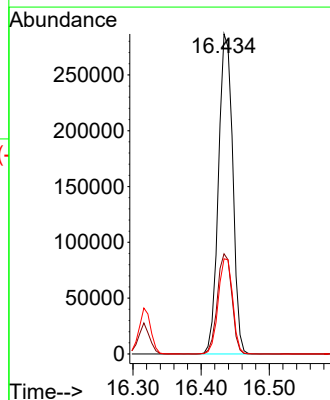
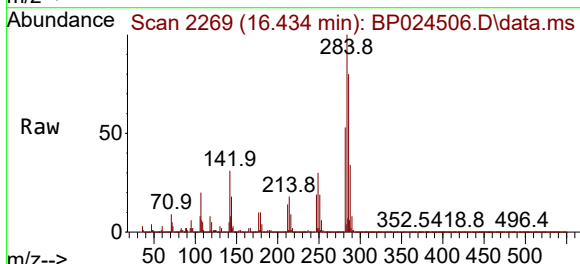
Instrument :
BNA_P
ClientSampleId :
PB167823BS

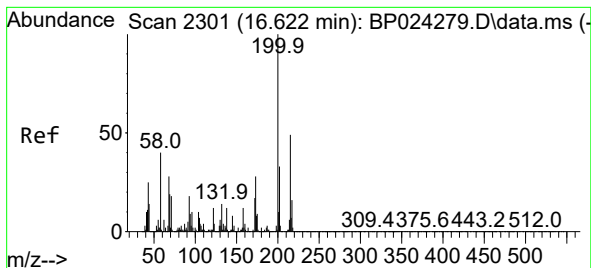
Tgt Ion:248 Resp: 340334
Ion Ratio Lower Upper
248 100
250 96.4 78.2 117.4
141 77.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.582 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:284 Resp: 416615
Ion Ratio Lower Upper
284 100
142 31.3 24.6 37.0
249 29.8 23.8 35.6





#69

Atrazine

Concen: 67.246 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

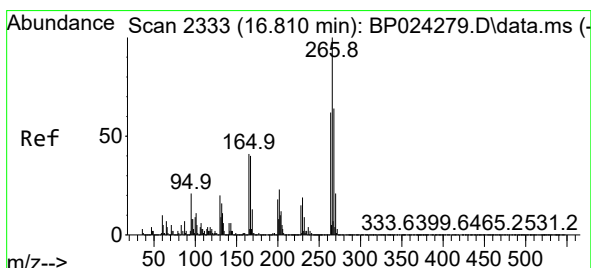
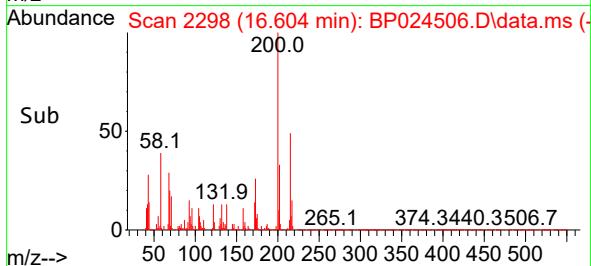
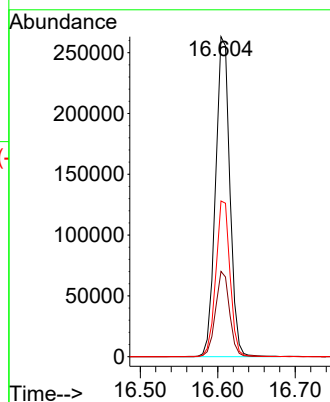
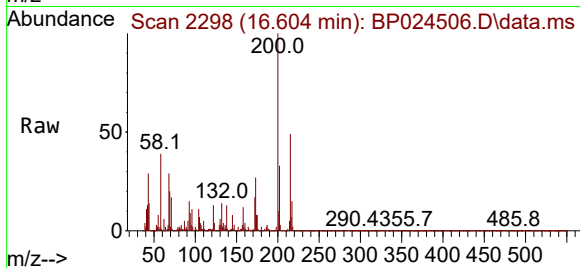
Tgt Ion:200 Resp: 337322

Ion Ratio Lower Upper

200 100

173 26.6 7.5 47.5

215 48.6 28.8 68.8



#70

Pentachlorophenol

Concen: 99.001 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

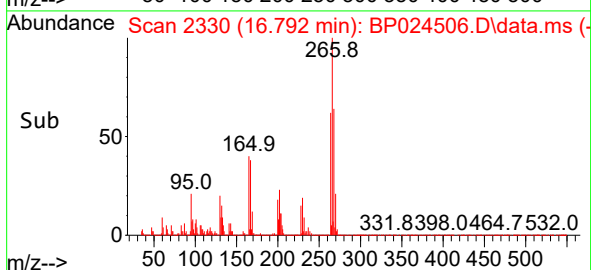
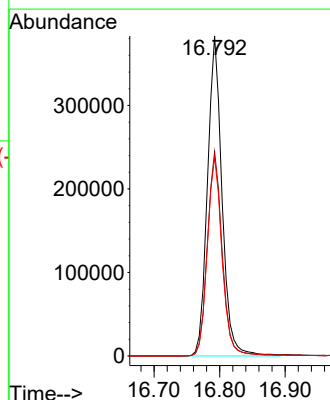
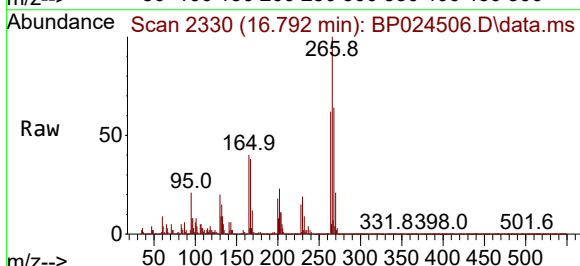
Tgt Ion:266 Resp: 592273

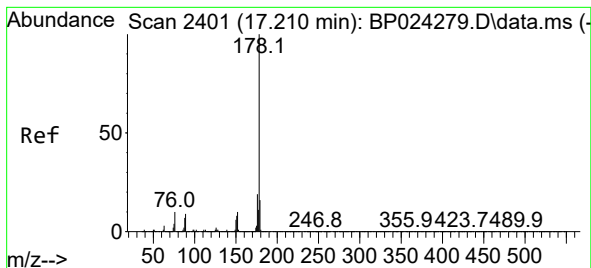
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.1 49.8 74.6





#71

Phenanthrene

Concen: 44.317 ng

RT: 17.192 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

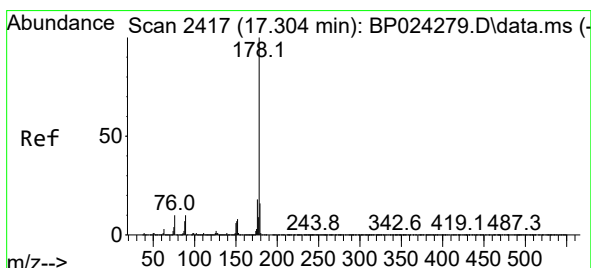
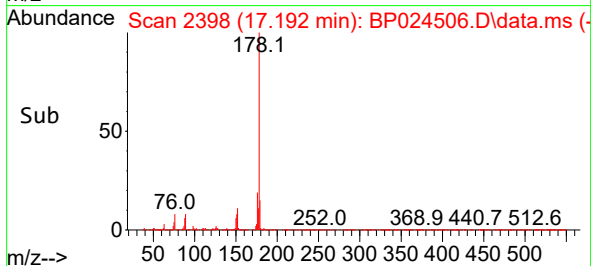
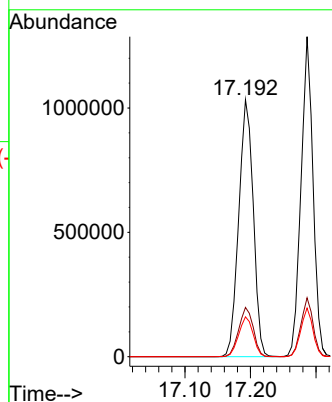
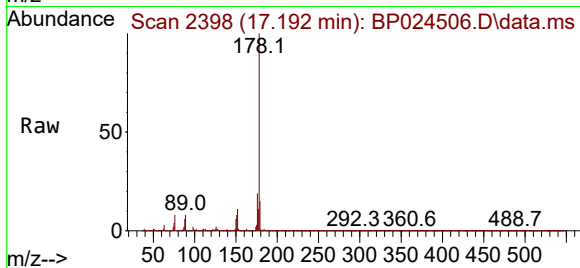
Tgt Ion:178 Resp: 1595270

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 47.026 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

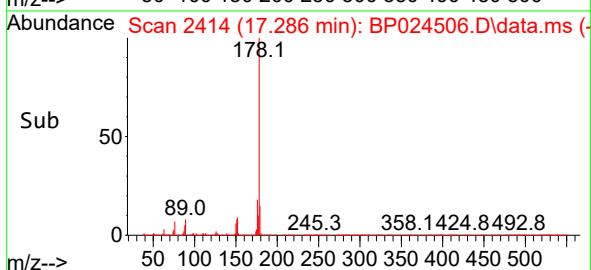
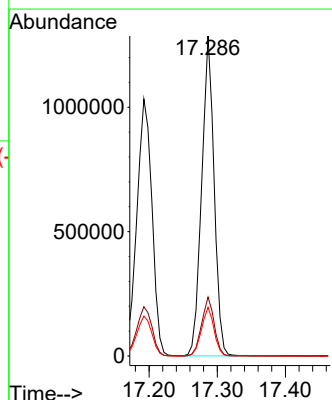
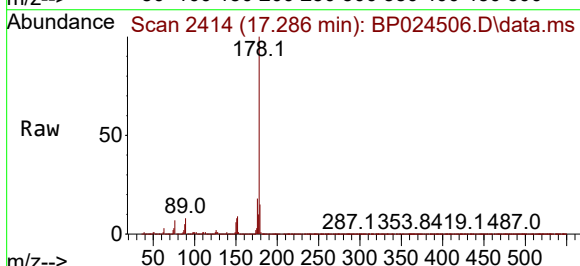
Tgt Ion:178 Resp: 1631503

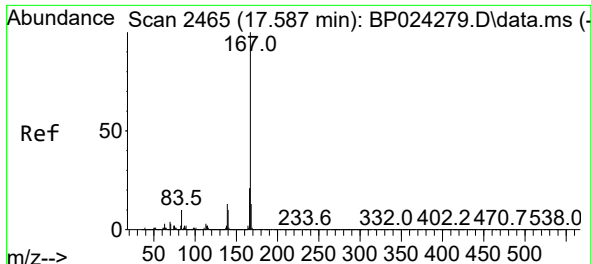
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.2 12.4 18.6

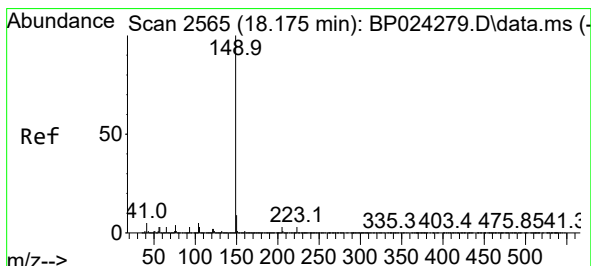
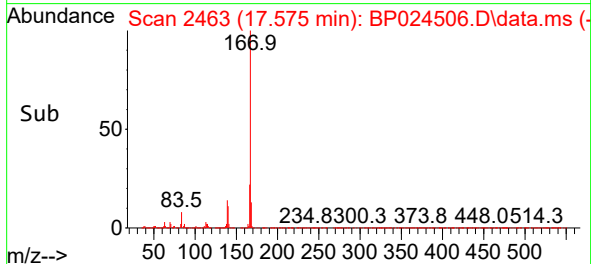
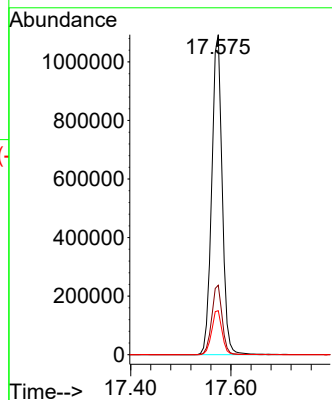
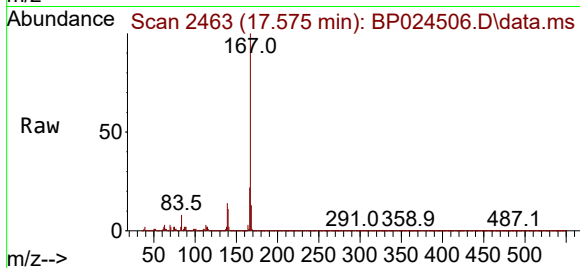




#73
 Carbazole
 Concen: 46.603 ng
 RT: 17.575 min Scan# 2463
 Delta R.T. 0.006 min
 Lab File: BP024506.D
 Acq: 02 May 2025 12:49

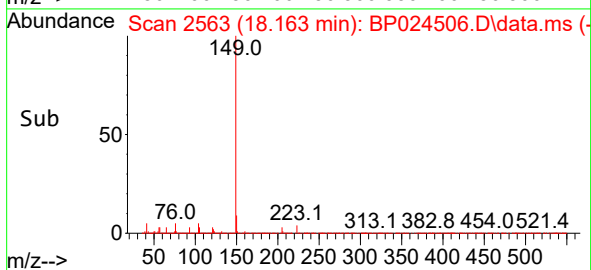
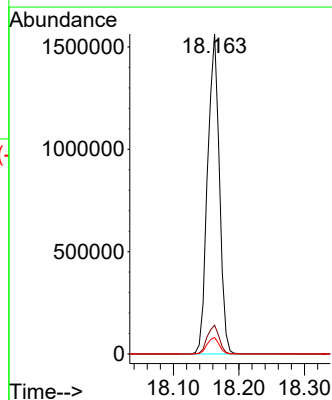
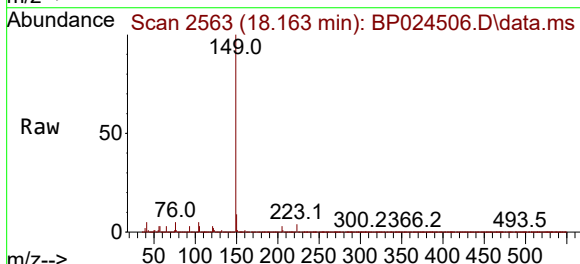
Instrument :
 BNA_P
 ClientSampleId :
 PB167823BS

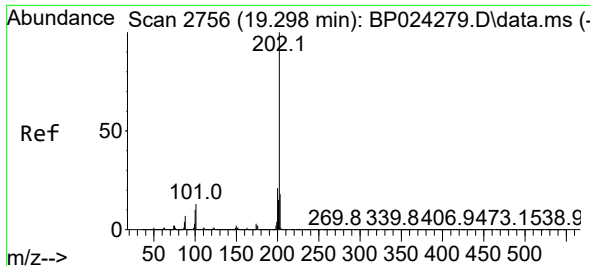
Tgt Ion:167 Resp: 1579776
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.404 ng
 RT: 18.163 min Scan# 2563
 Delta R.T. 0.006 min
 Lab File: BP024506.D
 Acq: 02 May 2025 12:49

Tgt Ion:149 Resp: 1959796
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 3.9 5.9

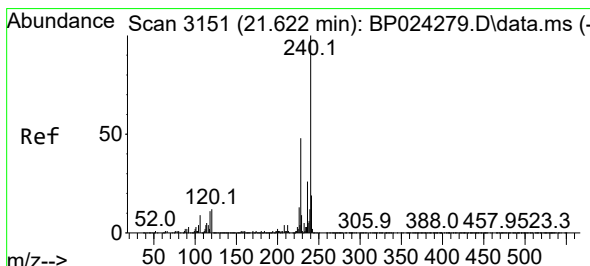
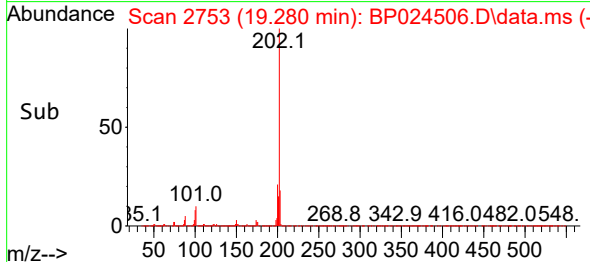
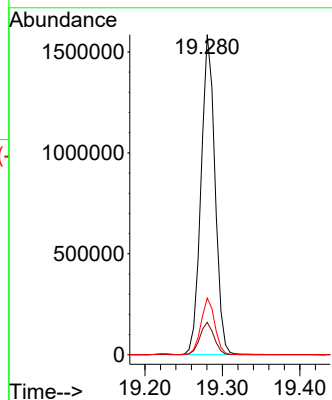
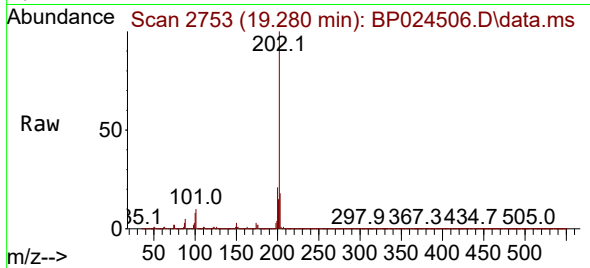




#75
Fluoranthene
Concen: 46.218 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

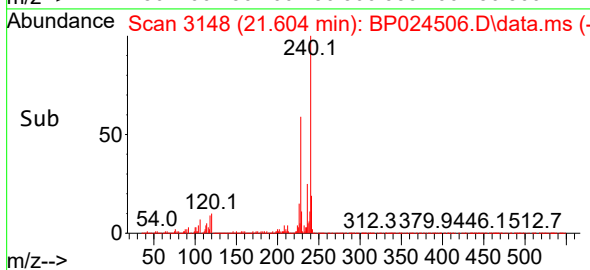
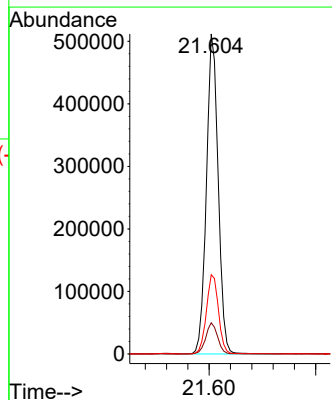
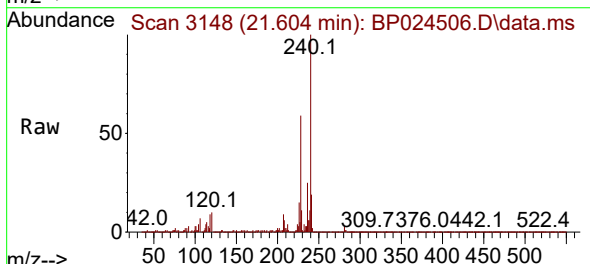
Instrument :
BNA_P
ClientSampleId :
PB167823BS

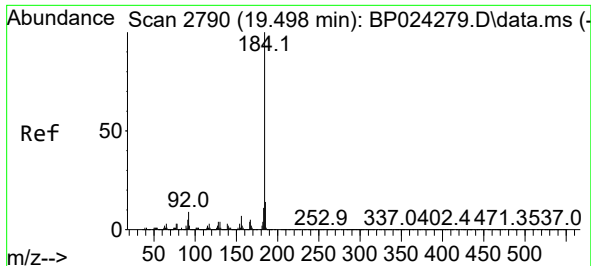
Tgt Ion:202 Resp: 1978696
Ion Ratio Lower Upper
202 100
101 10.1 0.0 33.2
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:240 Resp: 784971
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 24.7 20.9 31.3

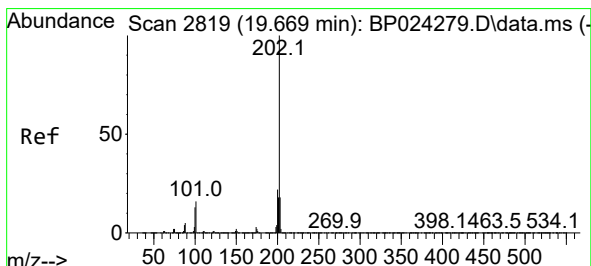
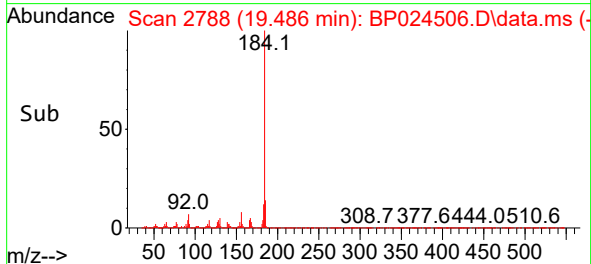
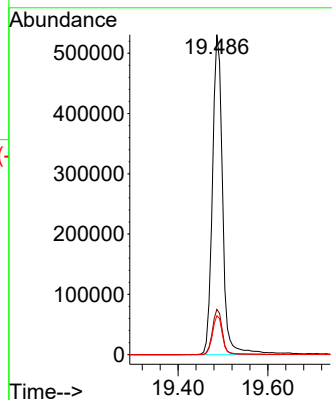
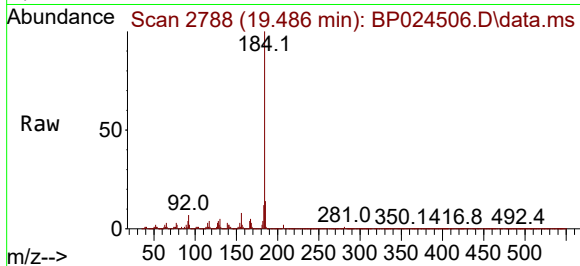




#77
Benzidine
Concen: 84.212 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

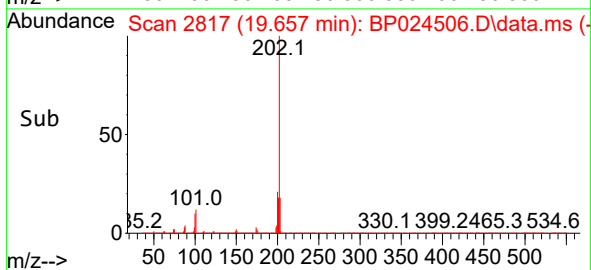
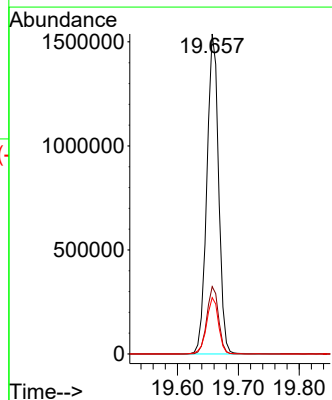
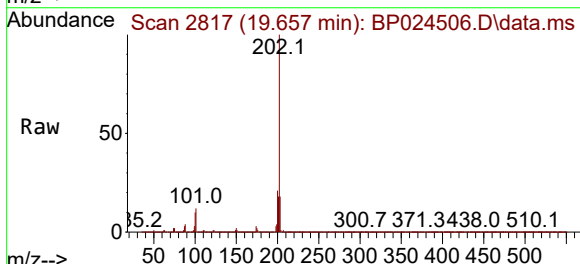
Instrument :
BNA_P
ClientSampleId :
PB167823BS

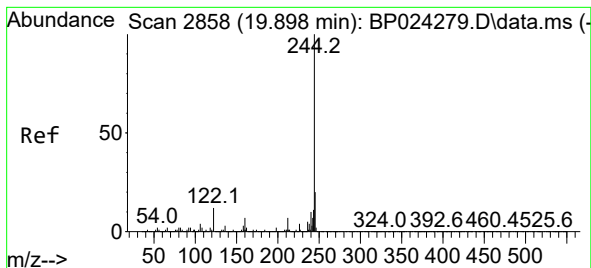
Tgt Ion:184 Resp: 837928
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 12.2 9.2 13.8



#78
Pyrene
Concen: 41.280 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:202 Resp: 2059263
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 88.273 ng

RT: 19.880 min Scan# 2855

Delta R.T. 0.006 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

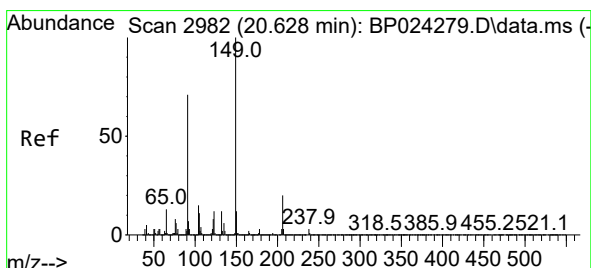
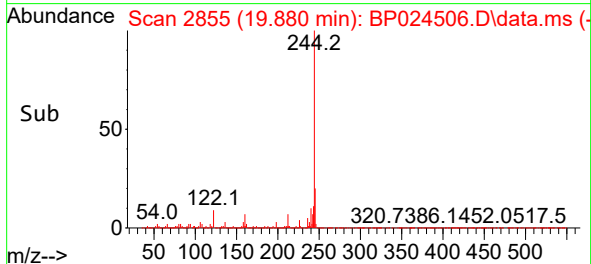
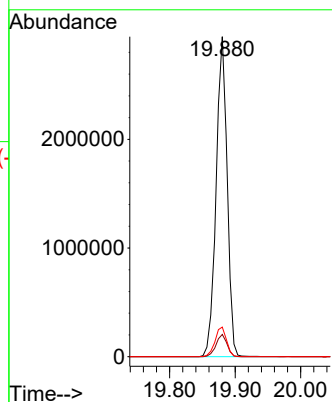
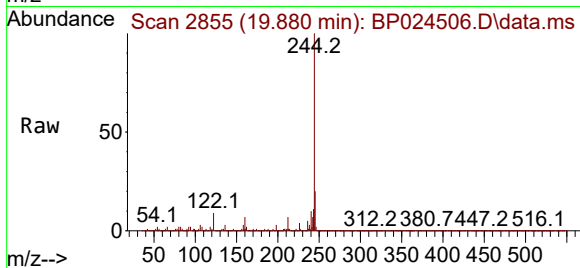
BNA_P

ClientSampleId :

PB167823BS

Tgt Ion:244 Resp: 3437692

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.3	9.4	14.0



#80

Butylbenzylphthalate

Concen: 44.801 ng

RT: 20.616 min Scan# 2980

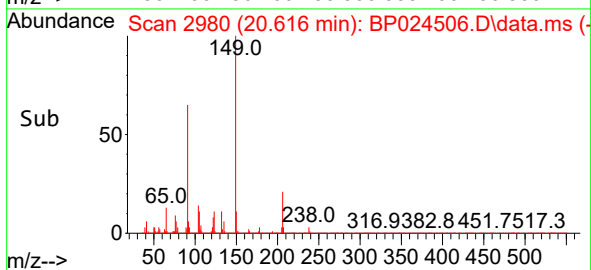
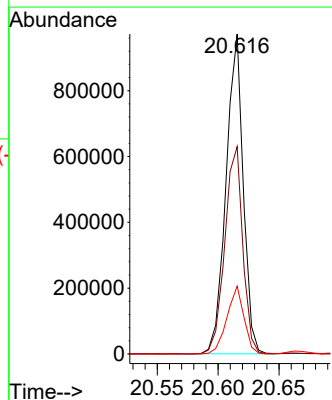
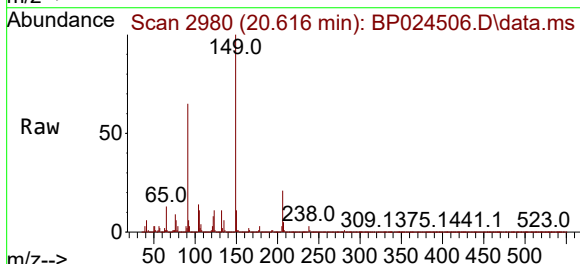
Delta R.T. 0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Tgt Ion:149 Resp: 957282

Ion	Ratio	Lower	Upper
149	100		
91	64.8	56.4	84.6
206	21.2	16.3	24.5





#81

Benzo(a)anthracene

Concen: 45.844 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

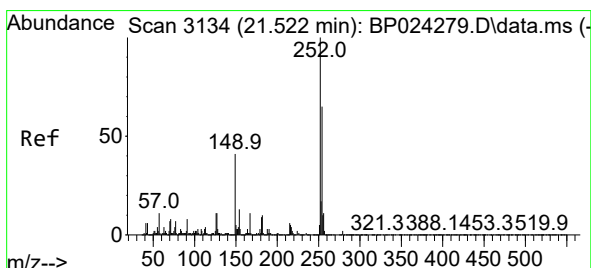
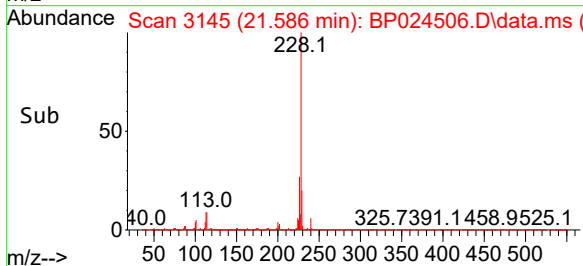
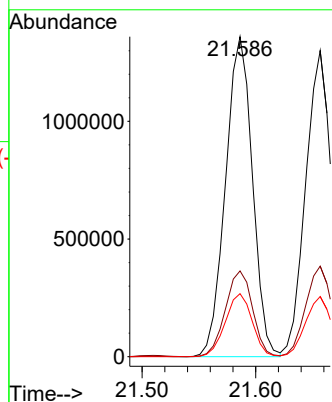
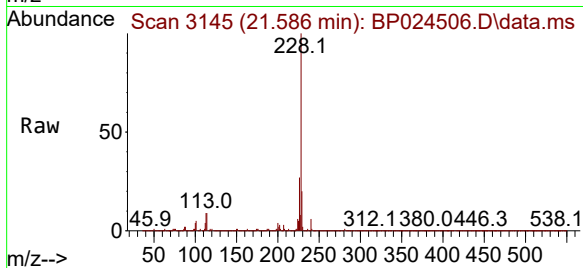
Tgt Ion:228 Resp: 2236757

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 31.963 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.018 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

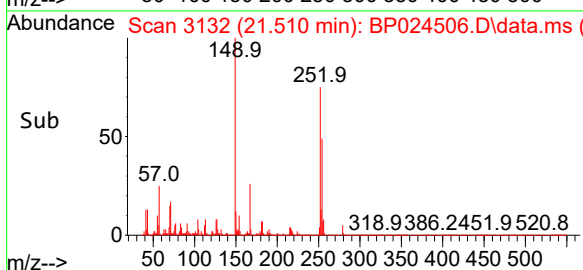
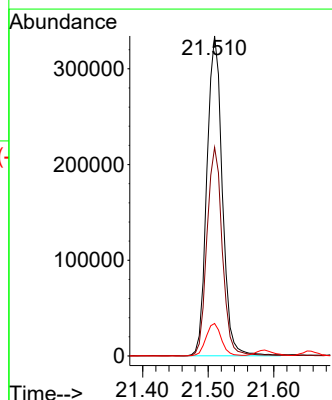
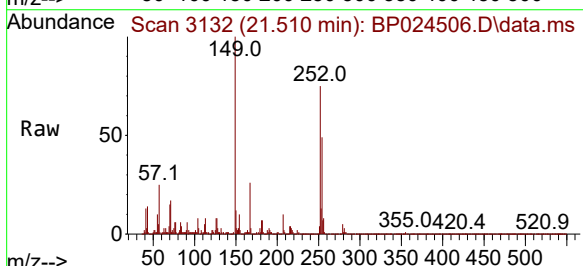
Tgt Ion:252 Resp: 547360

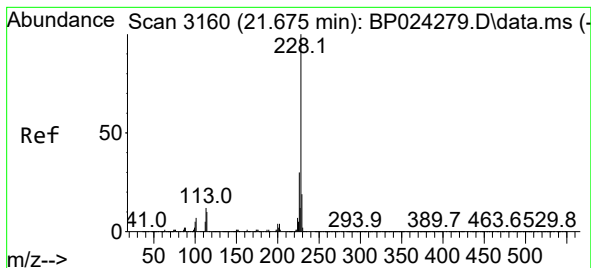
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 10.1 8.8 13.2





#83

Chrysene

Concen: 44.969 ng

RT: 21.657 min Scan# 3160

Delta R.T. 0.018 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

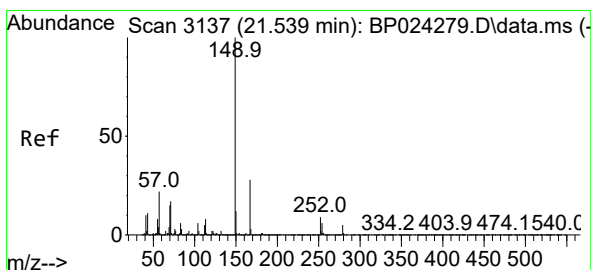
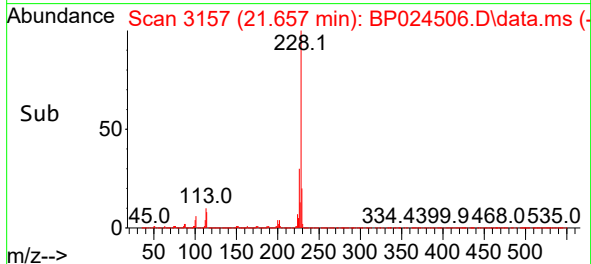
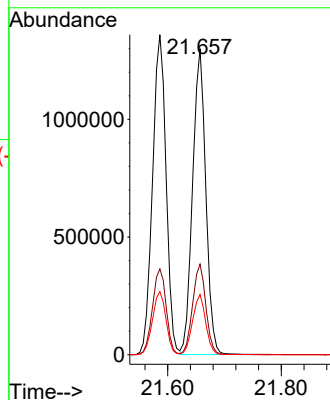
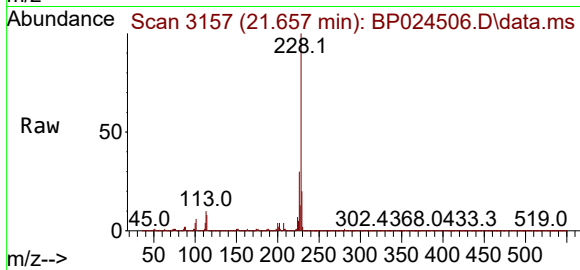
Tgt Ion:228 Resp: 2102014

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.041 ng

RT: 21.521 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

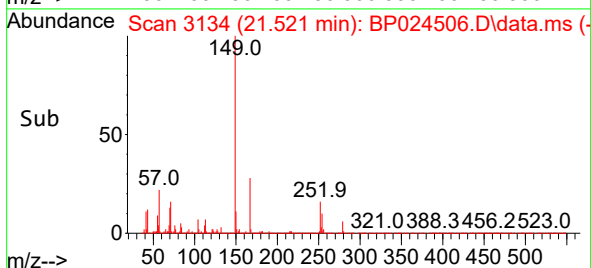
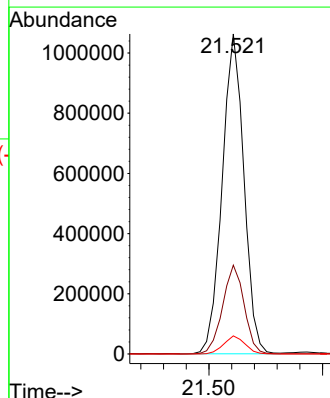
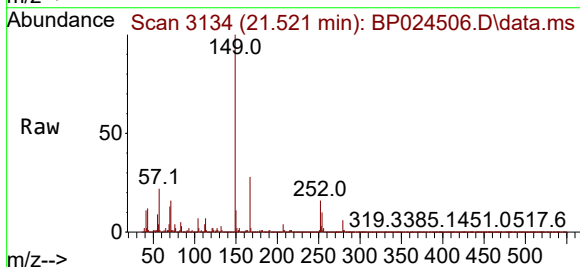
Tgt Ion:149 Resp: 1410845

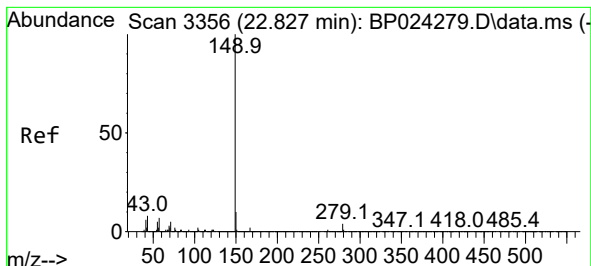
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 5.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.198 ng

RT: 22.798 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

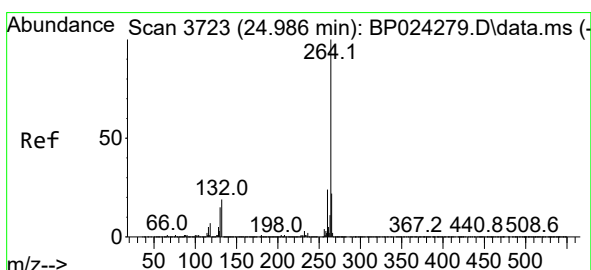
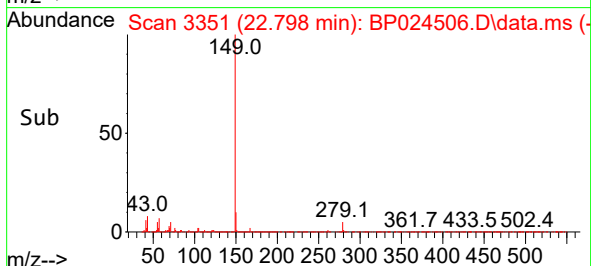
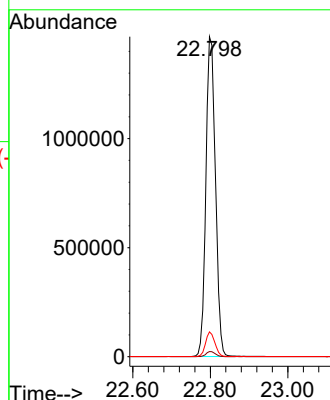
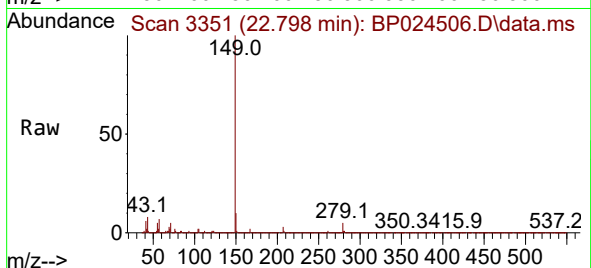
Tgt Ion:149 Resp: 2505322

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.5 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

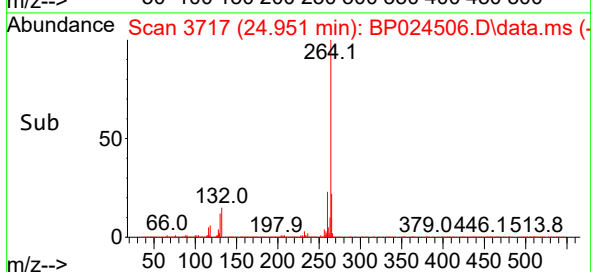
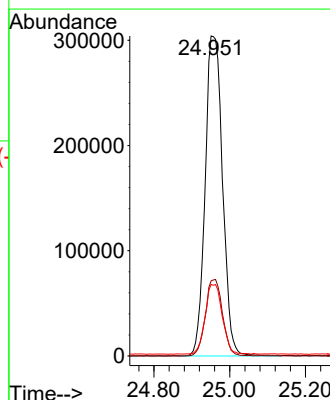
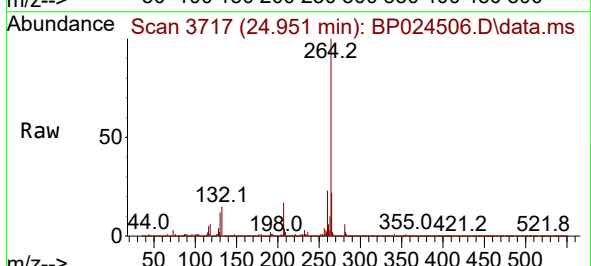
Tgt Ion:264 Resp: 967038

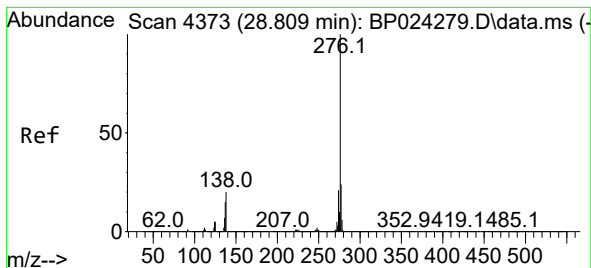
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.055 ng m

RT: 28.774 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

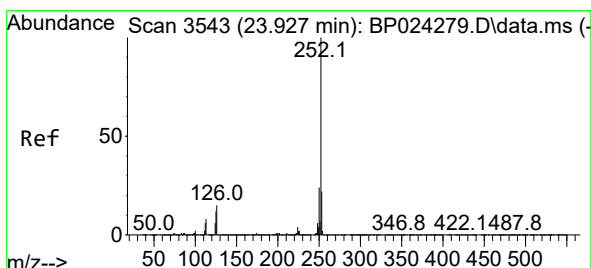
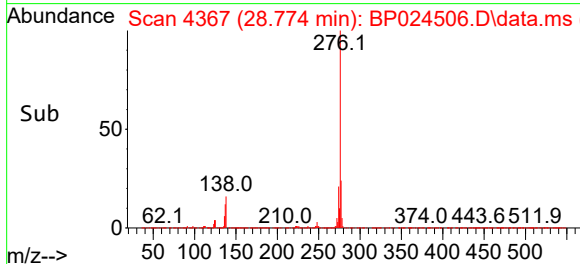
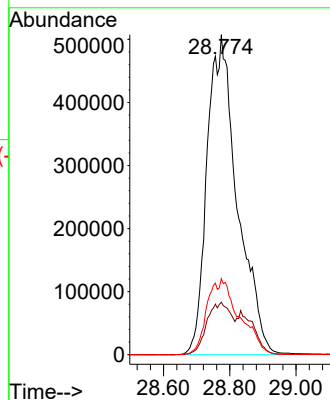
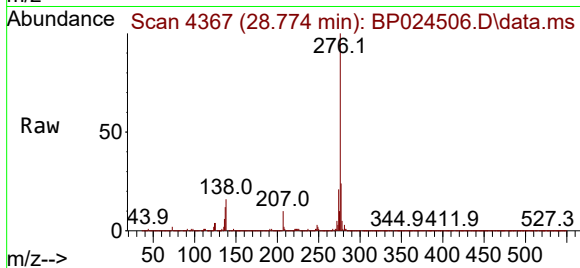
Tgt Ion:276 Resp: 3226191

Ion Ratio Lower Upper

276 100

138 13.2 14.5 21.7#

277 9.0 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 42.828 ng

RT: 23.898 min Scan# 3538

Delta R.T. 0.012 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

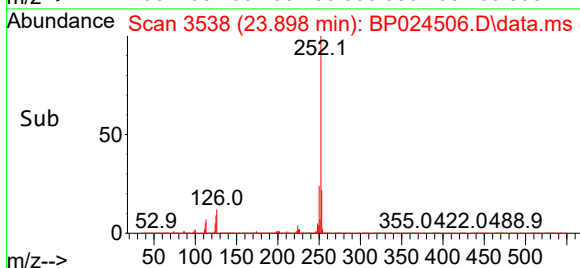
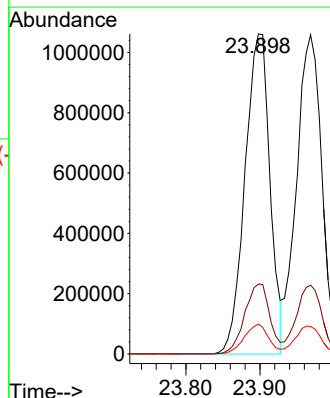
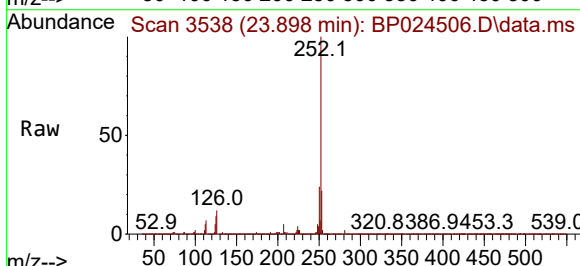
Tgt Ion:252 Resp: 2482512

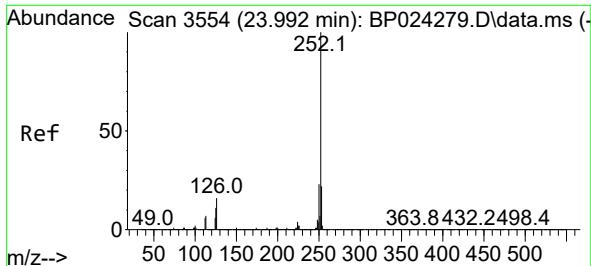
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.3 9.4 14.0#

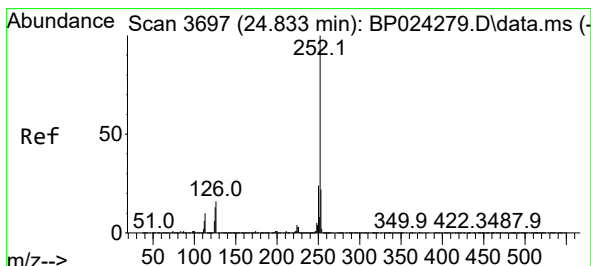
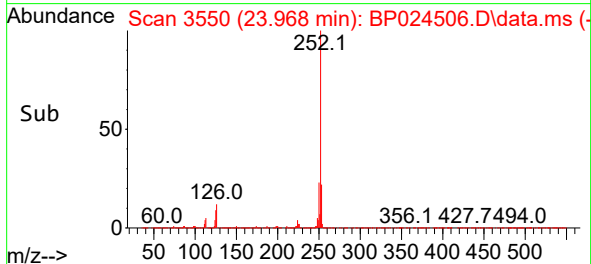
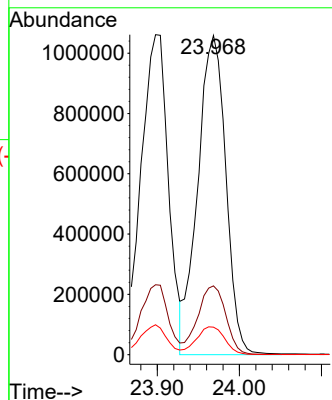
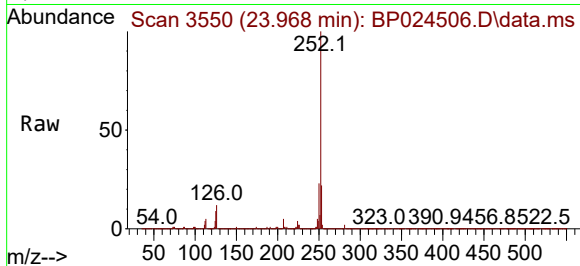




#89
Benzo(k)fluoranthene
Concen: 44.881 ng m
RT: 23.968 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

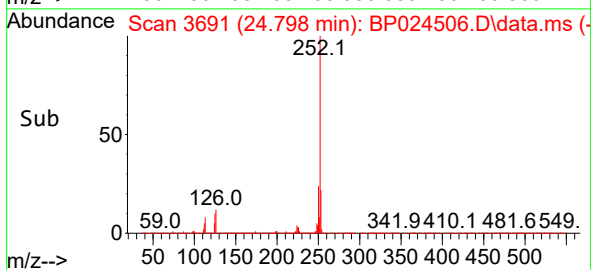
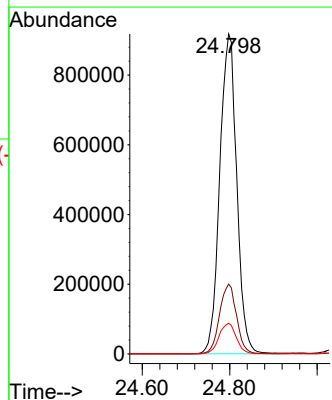
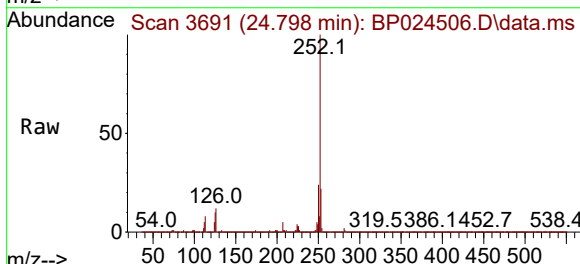
Instrument :
BNA_P
ClientSampleId :
PB167823BS

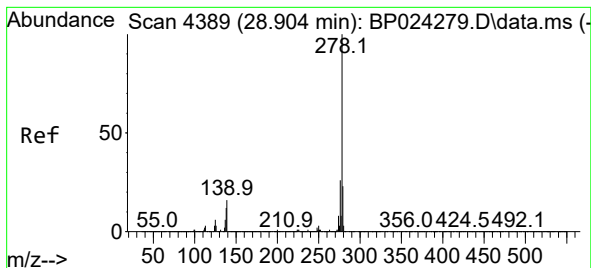
Tgt Ion:252 Resp: 2512927
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 8.6 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 49.245 ng
RT: 24.798 min Scan# 3691
Delta R.T. 0.018 min
Lab File: BP024506.D
Acq: 02 May 2025 12:49

Tgt Ion:252 Resp: 2462269
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.6 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 47.241 ng

RT: 28.839 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB167823BS

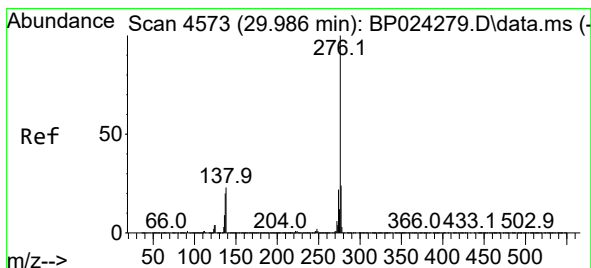
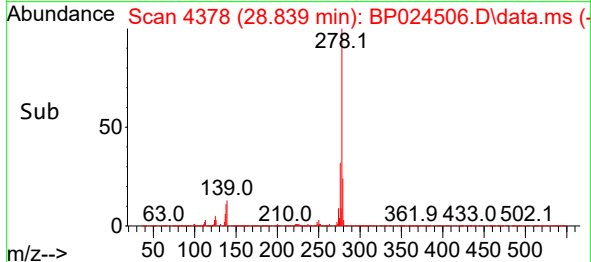
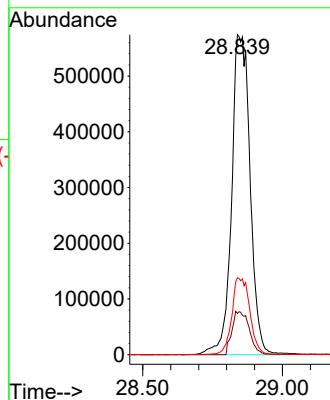
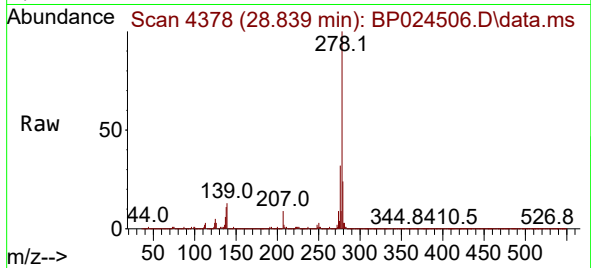
Tgt Ion:278 Resp: 2632518

Ion Ratio Lower Upper

278 100

139 12.9 12.6 19.0

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.451 ng

RT: 29.968 min Scan# 4570

Delta R.T. 0.071 min

Lab File: BP024506.D

Acq: 02 May 2025 12:49

Tgt Ion:276 Resp: 2578004

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 17.0 18.7 28.1#

