

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025180.D
 Acq On : 17 Jul 2025 16:20
 Operator : CG/JU
 Sample : Q2622-01MS 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2819MS

Quant Time: Jul 17 16:46:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	656226	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2567214	20.000	ng	0.01
39) Acenaphthene-d10	14.107	164	1344010	20.000	ng	0.02
64) Phenanthrene-d10	16.942	188	1997477	20.000	ng	# 0.04
76) Chrysene-d12	21.366	240	3017832	20.000	ng	0.02
86) Perylene-d12	24.512	264	3743826	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	593037	16.012	ng	0.00
7) Phenol-d6	6.637	99	793971	16.428	ng	0.00
23) Nitrobenzene-d5	8.566	82	510248	13.218	ng	0.00
42) 2,4,6-Tribromophenol	15.654	330	388053	24.441	ng	0.04
45) 2-Fluorobiphenyl	12.701	172	1351858	15.582	ng	0.00
79) Terphenyl-d14	19.707	244	1697795	12.364	ng	0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.125	88	64049	4.447	ng	# 95
3) Pyridine	3.502	79	198843	5.043	ng	98
4) n-Nitrosodimethylamine	3.408	42	88132	5.279	ng	# 93
6) Aniline	6.784	93	255178	5.651	ng	100
8) 2-Chlorophenol	7.019	128	356003	8.591	ng	98
9) Benzaldehyde	6.602	77	183081	7.253	ng	96
10) Phenol	6.666	94	395855	8.061	ng	96
11) bis(2-Chloroethyl)ether	6.884	93	305005	8.070	ng	98
12) 1,3-Dichlorobenzene	7.331	146	388755	8.383	ng	98
13) 1,4-Dichlorobenzene	7.478	146	398104	8.478	ng	99
14) 1,2-Dichlorobenzene	7.790	146	388664	8.605	ng	100
15) Benzyl Alcohol	7.678	79	284988	8.835	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.960	45	395823	8.055	ng	96
17) 2-Methylphenol	7.884	107	282799	8.940	ng	98
18) Hexachloroethane	8.502	117	138266	9.039	ng	94
19) n-Nitroso-di-n-propyla...	8.231	70	231043	8.061	ng	96
20) 3+4-Methylphenols	8.202	107	389752	8.796	ng	99
22) Acetophenone	8.243	105	508574	8.377	ng	# 97
24) Nitrobenzene	8.607	77	350595	8.917	ng	98
25) Isophorone	9.143	82	678723	9.408	ng	# 96
26) 2-Nitrophenol	9.313	139	189123	12.532	ng	99
27) 2,4-Dimethylphenol	9.390	122	347274	12.905	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	437932	8.941	ng	99
29) 2,4-Dichlorophenol	9.854	162	371755	9.963	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	405257	9.807	ng	97
31) Naphthalene	10.243	128	1246259	9.428	ng	100
32) Benzoic acid	9.490	122	266995	14.851	ng	95
33) 4-Chloroaniline	10.348	127	275263	5.580	ng	97
34) Hexachlorobutadiene	10.543	225	246194	10.382	ng	99
35) Caprolactam	11.119	113	114042	8.934	ng	# 53
36) 4-Chloro-3-methylphenol	11.490	107	366983	9.411	ng	93
37) 2-Methylnaphthalene	11.860	142	782605	8.391	ng	99
38) 1-Methylnaphthalene	12.095	142	814985	8.959	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.242	216	446062	11.548	ng	# 95
41) Hexachlorocyclopentadiene	12.231	237	324301	32.143	ng	98
43) 2,4,6-Trichlorophenol	12.495	196	294860	12.607	ng	98

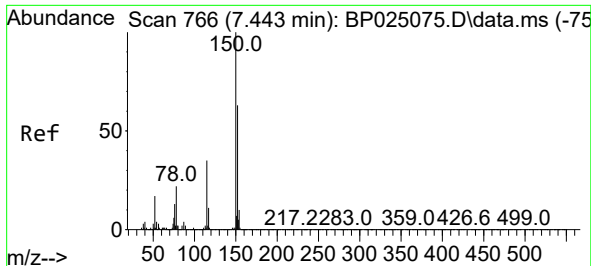
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	309480	11.676	ng	# 65
46) 1,1'-Biphenyl	12.913	154	1066714	10.908	ng	98
47) 2-Chloronaphthalene	12.942	162	804351	10.944	ng	94
48) 2-Nitroaniline	13.154	65	187383	12.573	ng	96
49) Acenaphthylene	13.819	152	1403759	12.479	ng	# 84
50) Dimethylphthalate	13.566	163	957580	10.178	ng	# 83
51) 2,6-Dinitrotoluene	13.660	165	912715	49.743	ng	# 44
52) Acenaphthene	14.178	154	679203	9.368	ng	94
53) 3-Nitroaniline	14.001	138	136155	6.924	ng	# 77
54) 2,4-Dinitrophenol	14.231	184	90438	14.791	ng	# 68
55) Dibenzofuran	14.519	168	1126658	9.416	ng	90
56) 4-Nitrophenol	14.336	139	332196	18.306	ng	# 1
57) 2,4-Dinitrotoluene	14.484	165	289833	12.809	ng	# 71
58) Fluorene	15.184	166	907275	9.803	ng	# 79
59) 2,3,4,6-Tetrachlorophenol	14.754	232	236900	9.869	ng	# 78
60) Diethylphthalate	14.978	149	891014	9.429	ng	# 71
61) 4-Chlorophenyl-phenyle...	15.201	204	552805	12.069	ng	# 55
62) 4-Nitroaniline	15.195	138	212501m	10.306	ng	
63) Azobenzene	15.495	77	640054	7.607	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.284	198	50874	10.525	ng	# 1
66) n-Nitrosodiphenylamine	15.413	169	762633	13.341	ng	95
67) 4-Bromophenyl-phenylether	16.113	248	247818	12.117	ng	# 61
68) Hexachlorobenzene	16.236	284	327106	13.085	ng	# 32
69) Atrazine	16.425	200	566663	33.828	ng	# 9
70) Pentachlorophenol	16.595	266	429412	25.435	ng	94
71) Phenanthrene	16.995	178	1404917	13.163	ng	# 55
72) Anthracene	17.095	178	1141907	11.152	ng	# 67
73) Carbazole	17.360	167	945746	9.446	ng	# 55
74) Di-n-butylphthalate	17.989	149	1252233	11.232	ng	# 73
75) Fluoranthene	19.113	202	2544769	20.397	ng	86
78) Pyrene	19.489	202	2645061	14.151	ng	# 92
80) Butylbenzylphthalate	20.448	149	693817	12.577	ng	89
81) Benzo(a)anthracene	21.354	228	2378903	13.008	ng	96
82) 3,3'-Dichlorobenzidine	21.283	252	394222	7.160	ng	# 91
83) Chrysene	21.418	228	2424504	13.776	ng	98
84) Bis(2-ethylhexyl)phtha...	21.330	149	1398747	14.259	ng	# 93
85) Di-n-octyl phthalate	22.548	149	2155244	16.558	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.065	276	3002213	12.588	ng	# 93
88) Benzo(b)fluoranthene	23.536	252	2948301	13.530	ng	# 94
89) Benzo(k)fluoranthene	23.595	252	2406629	11.100	ng	# 93
90) Benzo(a)pyrene	24.365	252	2458202	13.254	ng	# 96
91) Dibenzo(a,h)anthracene	28.130	278	2156036	10.936	ng	99
92) Benzo(g,h,i)perylene	29.147	276	2488652	12.220	ng	99

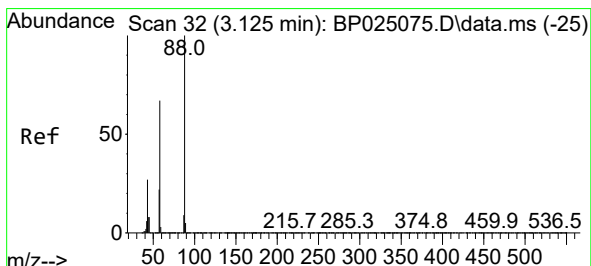
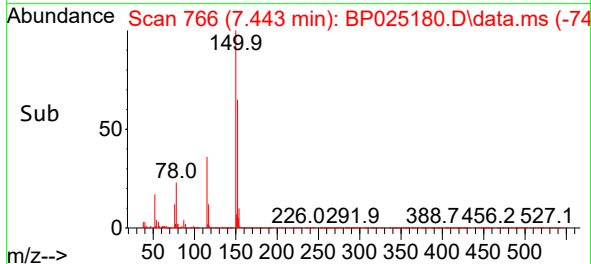
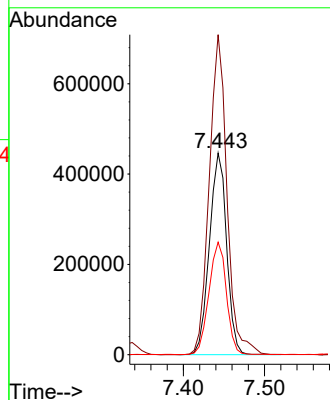
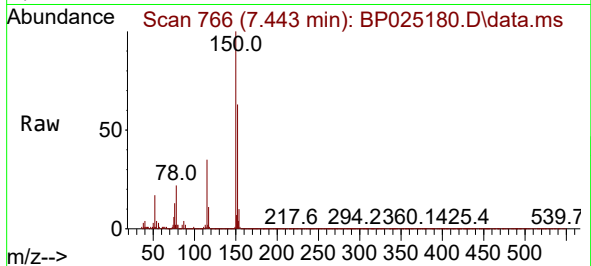
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 766
 Delta R.T. -0.000 min
 Lab File: BP025180.D
 Acq: 17 Jul 2025 16:20

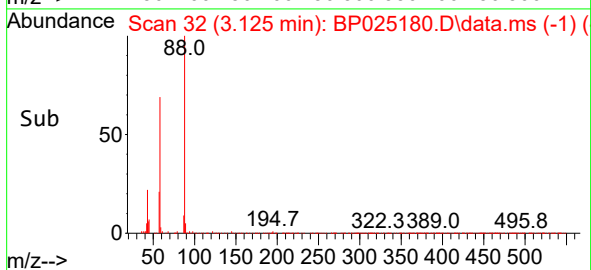
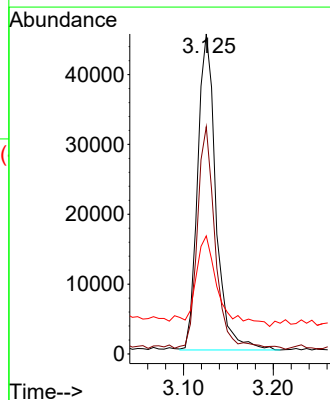
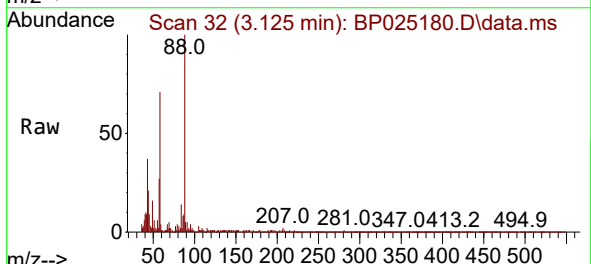
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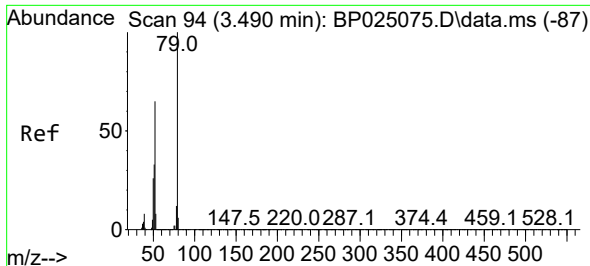
Tgt Ion:152 Resp: 656226
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.1 189.1
 115 55.8 44.3 66.5



#2
 1,4-Dioxane
 Concen: 4.447 ng
 RT: 3.125 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BP025180.D
 Acq: 17 Jul 2025 16:20

Tgt Ion: 88 Resp: 64049
 Ion Ratio Lower Upper
 88 100
 58 69.3 55.0 82.4
 43 35.7 21.9 32.9#

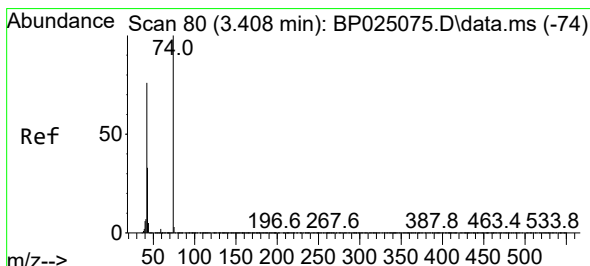
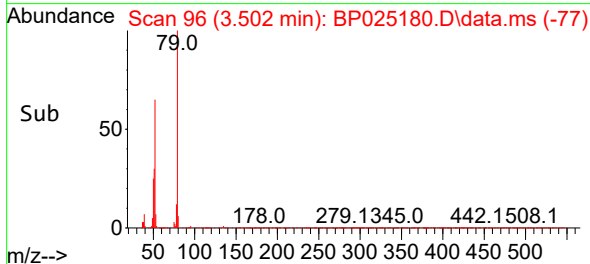
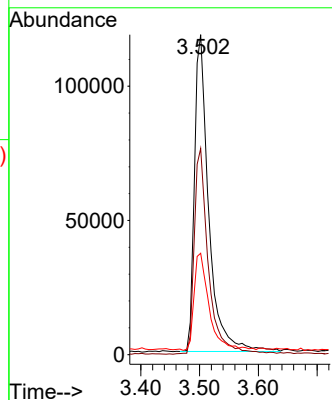
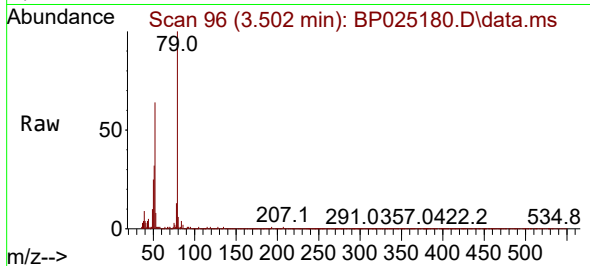




#3
Pyridine
Concen: 5.043 ng
RT: 3.502 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

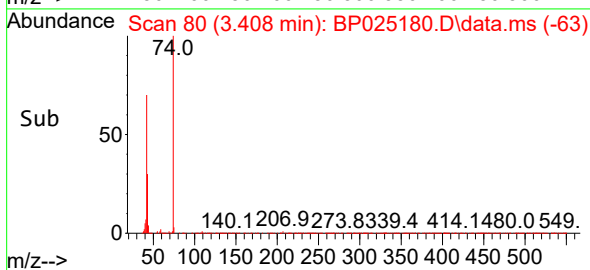
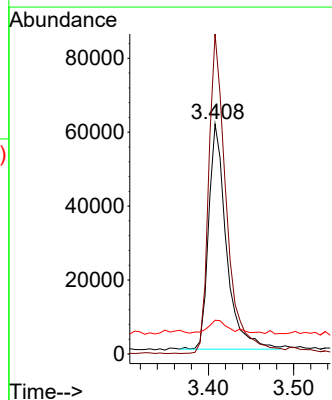
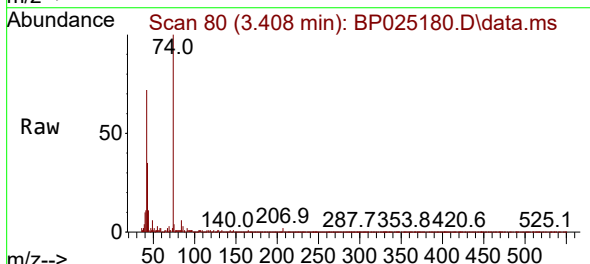
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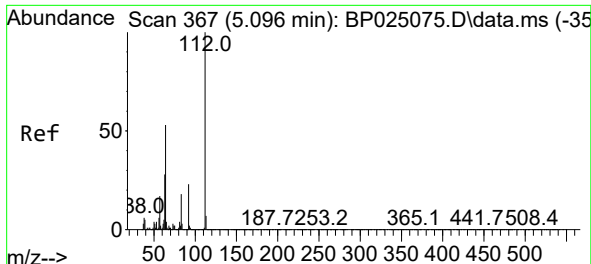
Tgt Ion: 79 Resp: 198843
Ion Ratio Lower Upper
79 100
52 64.5 52.2 78.4
51 31.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 5.279 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 42 Resp: 88132
Ion Ratio Lower Upper
42 100
74 139.1 105.2 157.8
44 14.7 6.6 9.8

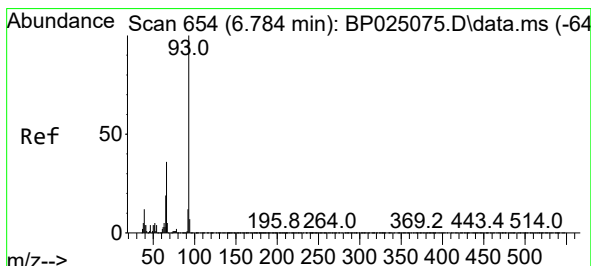
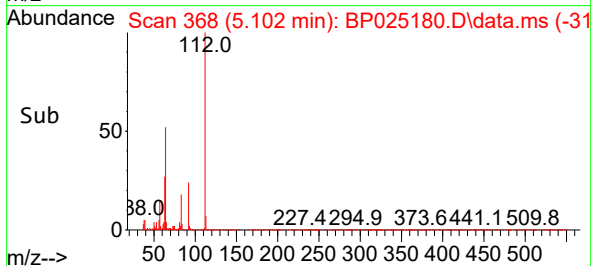
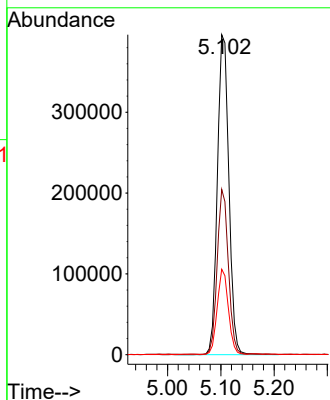
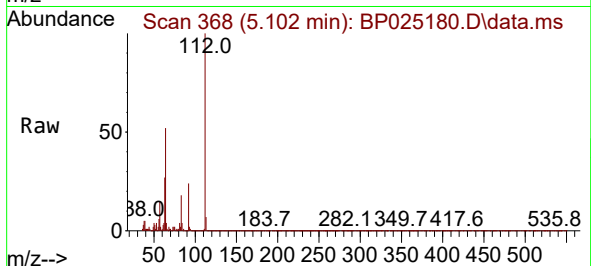




#5
2-Fluorophenol
Concen: 16.012 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

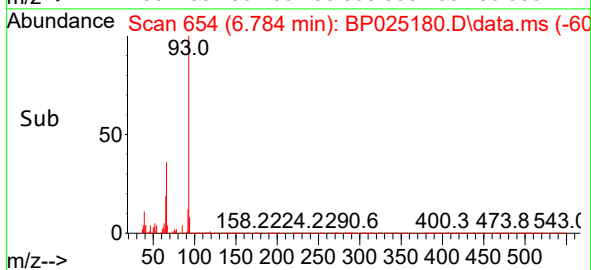
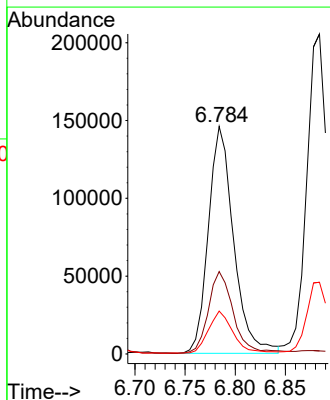
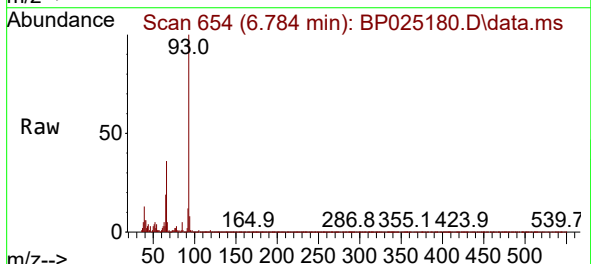
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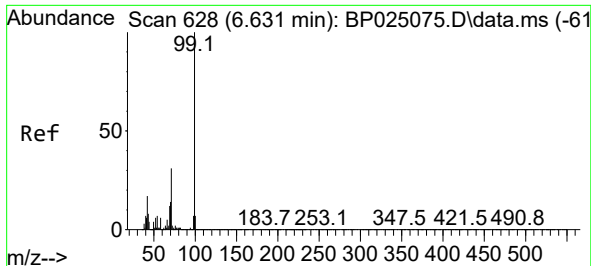
Tgt Ion:112 Resp: 593037
Ion Ratio Lower Upper
112 100
64 51.6 42.0 63.0
63 26.7 22.2 33.2



#6
Aniline
Concen: 5.651 ng
RT: 6.784 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 93 Resp: 255178
Ion Ratio Lower Upper
93 100
66 36.2 28.9 43.3
65 18.8 15.2 22.8

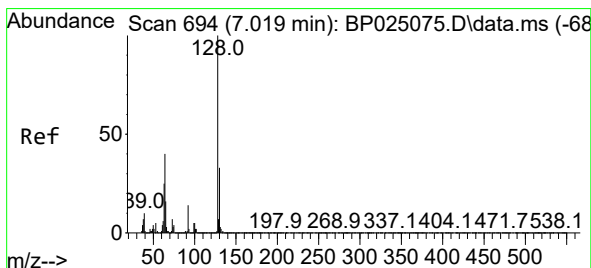
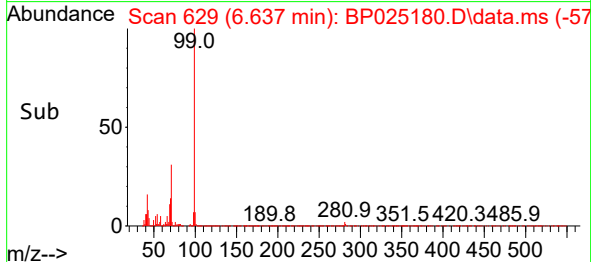
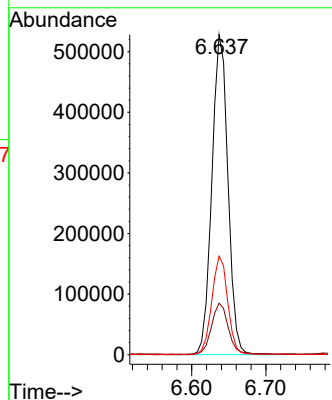
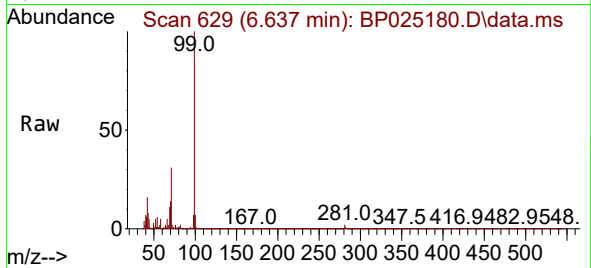




#7
Phenol-d6
Concen: 16.428 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

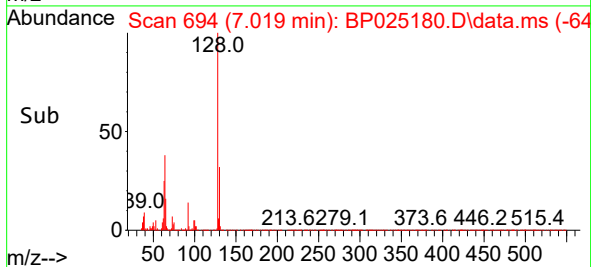
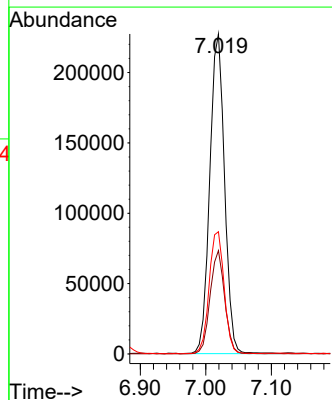
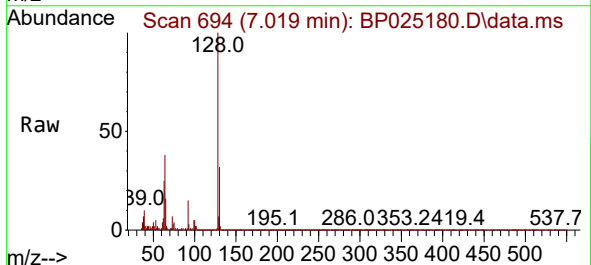
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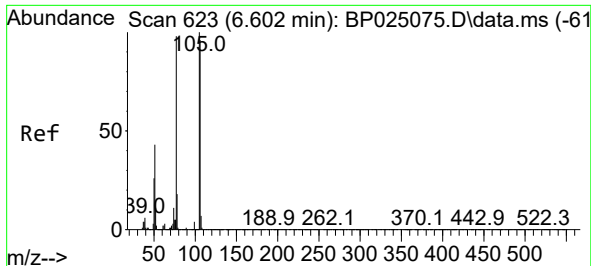
Tgt Ion: 99 Resp: 793971
Ion Ratio Lower Upper
99 100
42 16.1 13.6 20.4
71 30.8 24.4 36.6



#8
2-Chlorophenol
Concen: 8.591 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 128 Resp: 356003
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 38.2 20.3 60.3

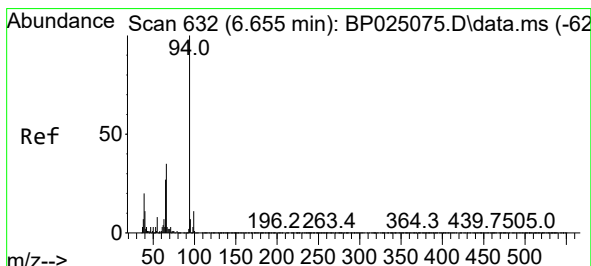
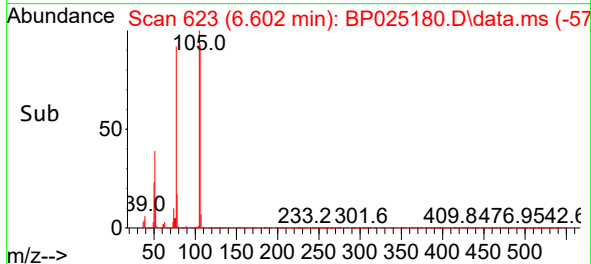
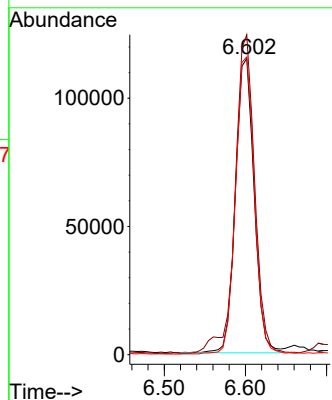
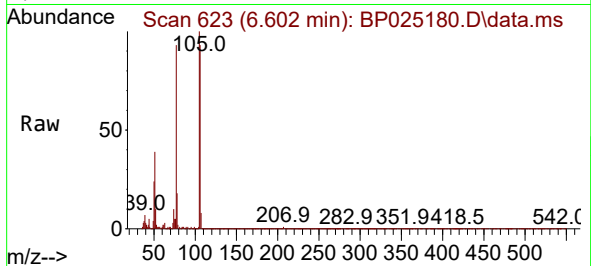




#9
Benzaldehyde
Concen: 7.253 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

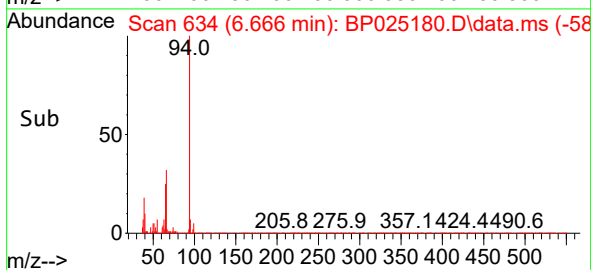
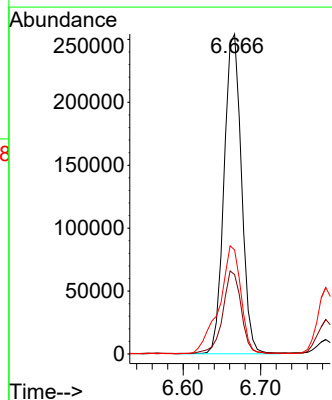
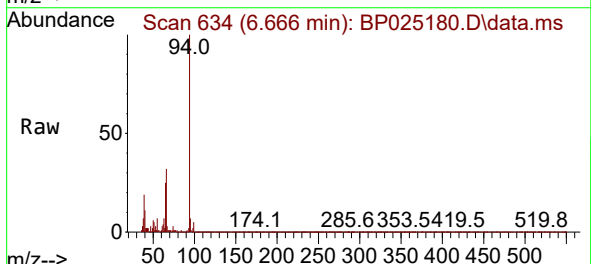
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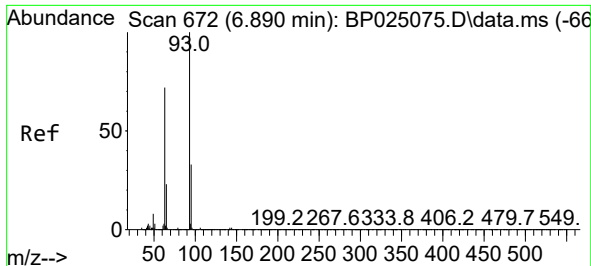
Tgt Ion: 77 Resp: 183081
Ion Ratio Lower Upper
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105 108.0 82.4 122.4
106 100.5 78.3 118.3



#10
Phenol
Concen: 8.061 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 94 Resp: 395855
Ion Ratio Lower Upper
94 100
65 24.8 6.9 46.9
66 32.5 14.6 54.6

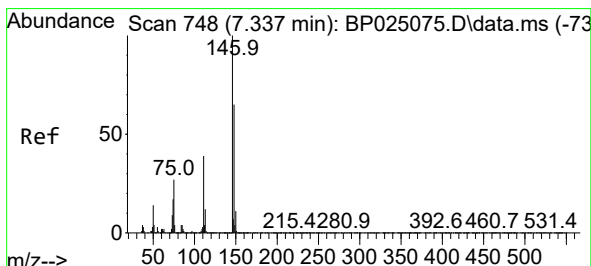
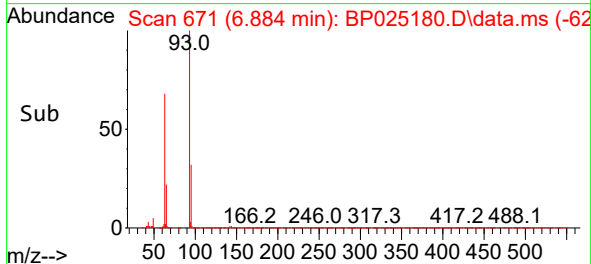
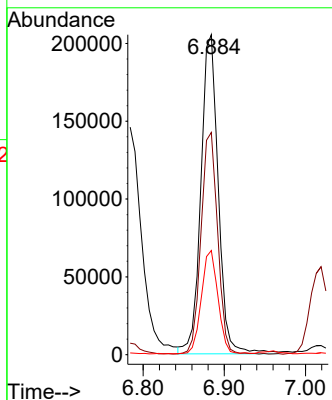
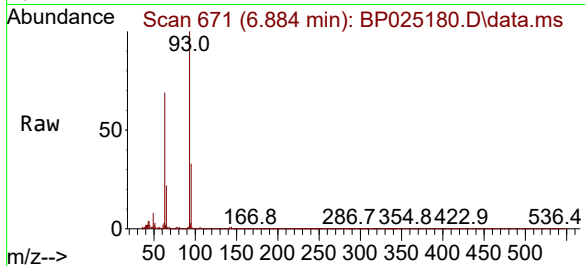




#11
bis(2-Chloroethyl)ether
Concen: 8.070 ng
RT: 6.884 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

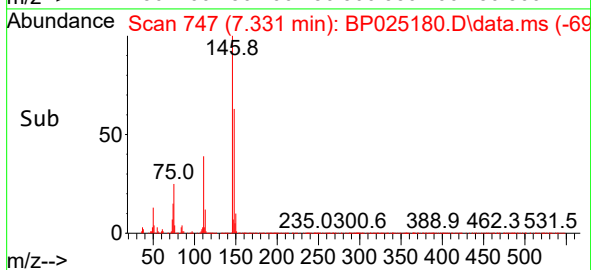
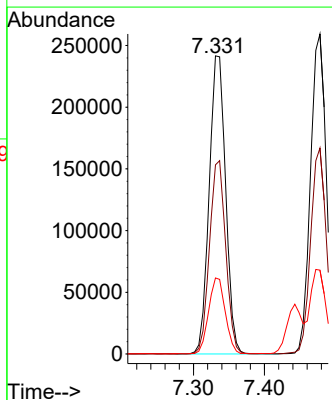
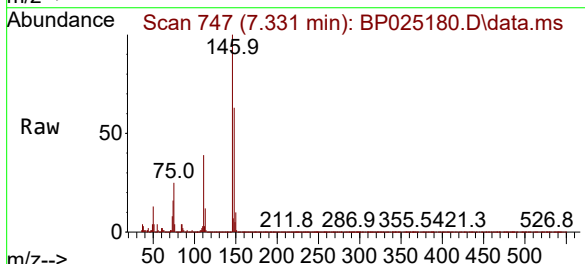
Instrument :
BNA_P
ClientSampleId :
2819MS

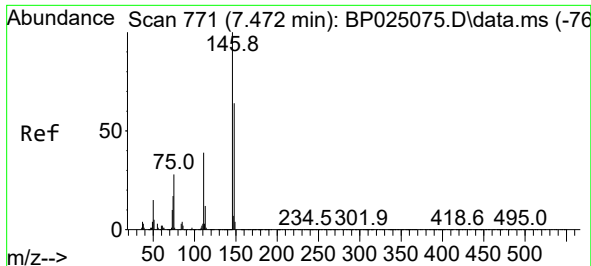
Tgt Ion: 93 Resp: 305005
Ion Ratio Lower Upper
93 100
63 69.5 51.9 91.9
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 8.383 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:146 Resp: 388755
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 25.5 21.8 32.6

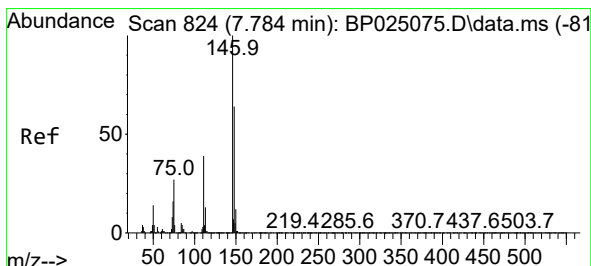
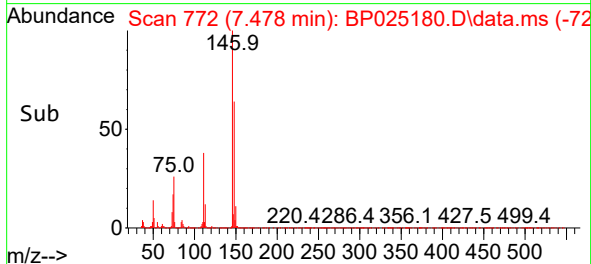
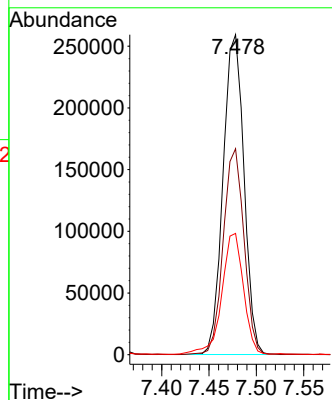
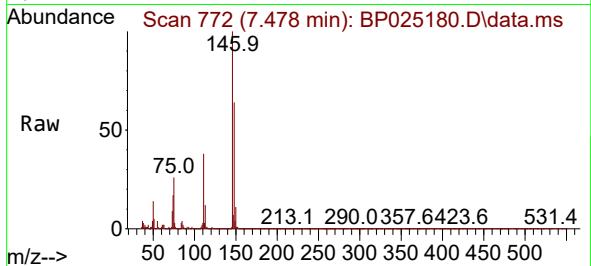




#13
1,4-Dichlorobenzene
Concen: 8.478 ng
RT: 7.478 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

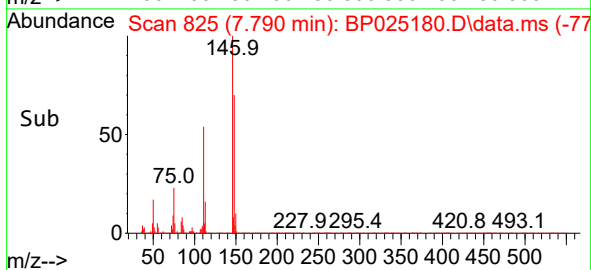
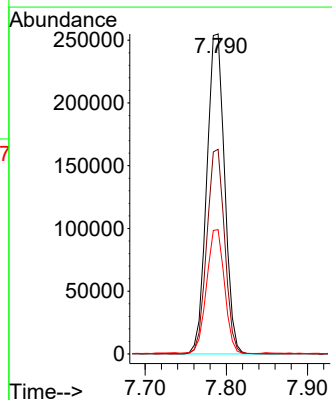
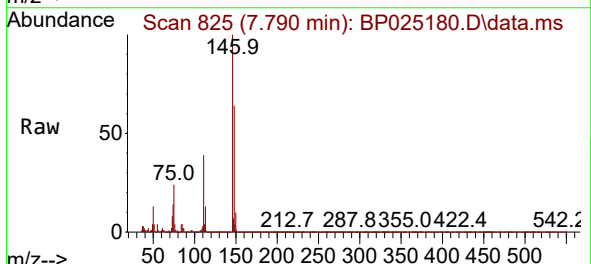
Instrument :
BNA_P
ClientSampleId :
2819MS

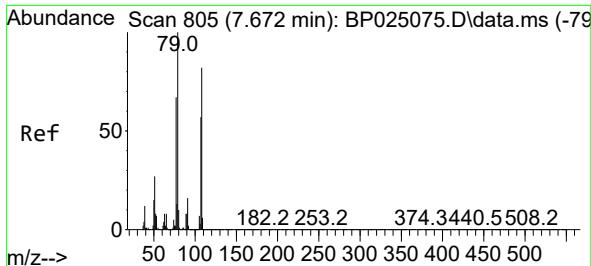
Tgt Ion:146 Resp: 398104
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 37.9 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 8.605 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:146 Resp: 388664
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 38.8 31.2 46.8

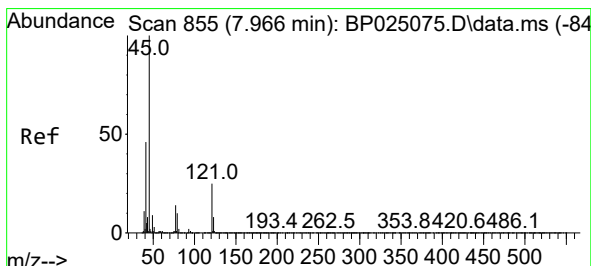
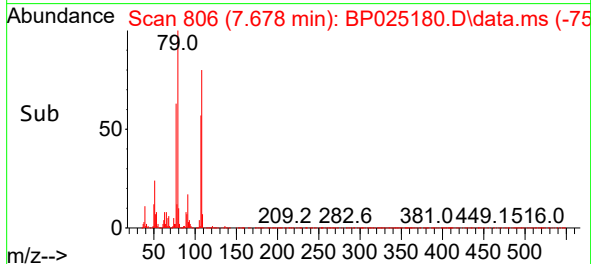
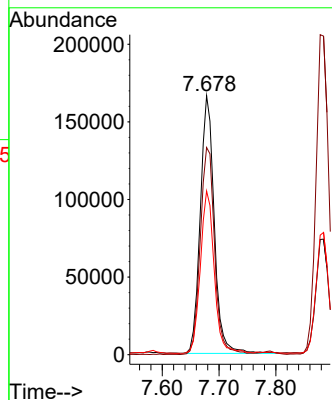
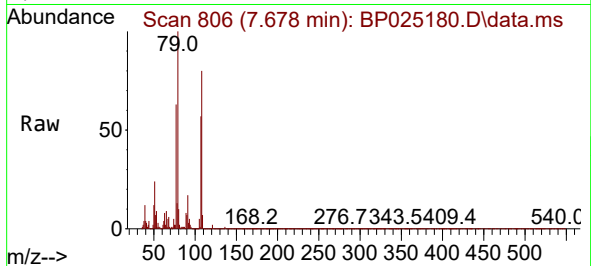




#15
Benzyl Alcohol
Concen: 8.835 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

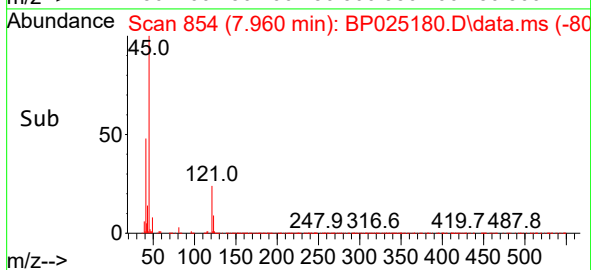
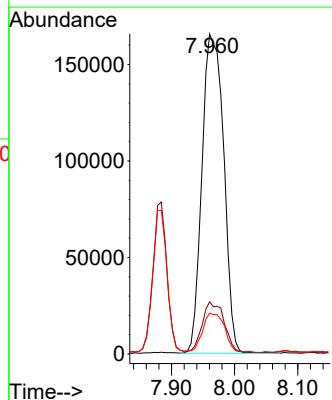
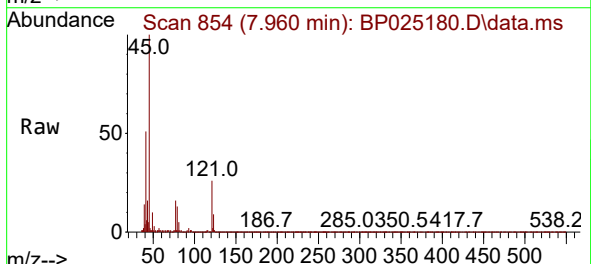
Instrument :
BNA_P
ClientSampleId :
2819MS

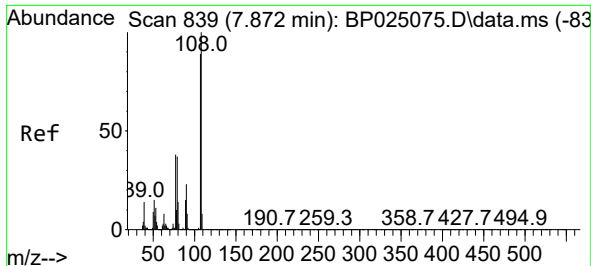
Tgt Ion: 79 Resp: 284988
Ion Ratio Lower Upper
79 100
108 80.0 66.0 99.0
77 63.2 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.055 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 45 Resp: 395823
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.8
79 12.7 0.0 30.7

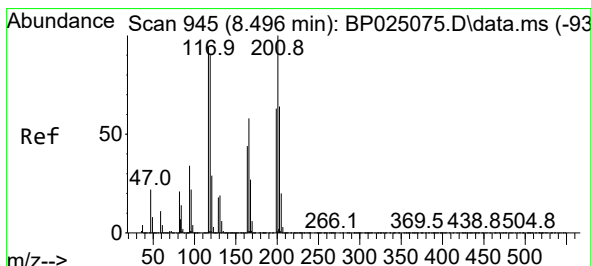
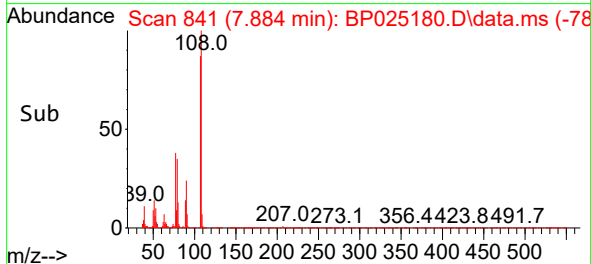
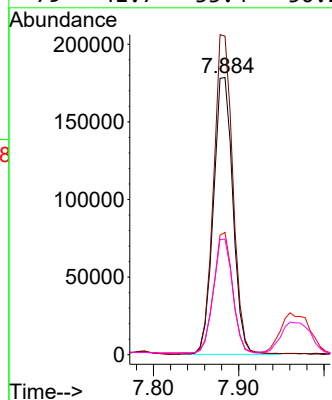
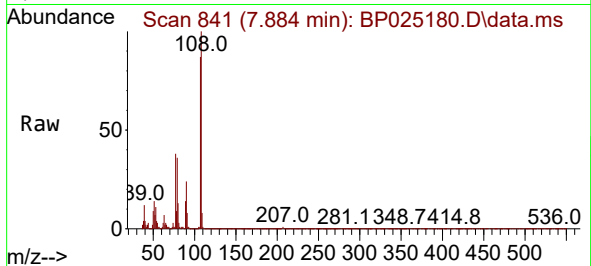




#17
2-Methylphenol
Concen: 8.940 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

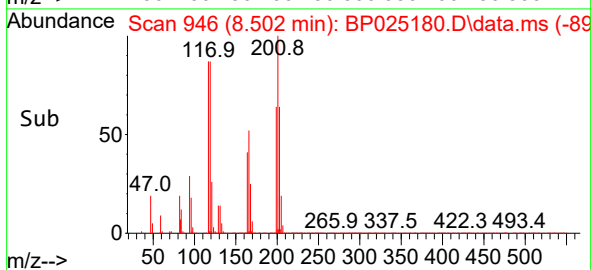
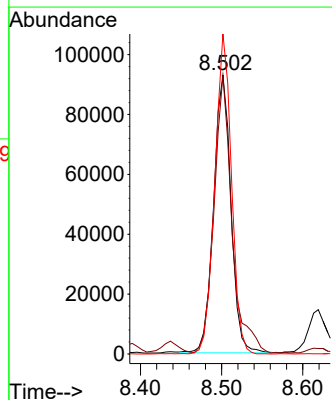
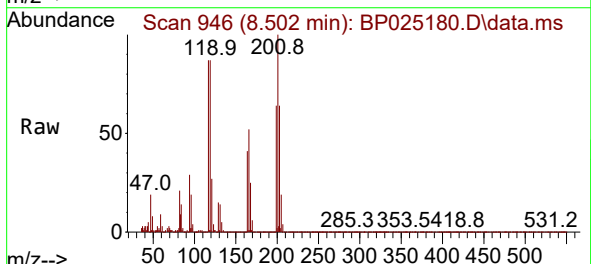
Instrument :
BNA_P
ClientSampleId :
2819MS

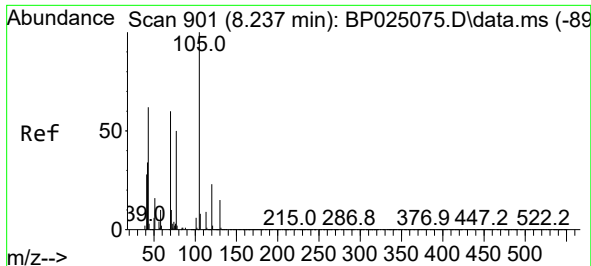
Tgt Ion:	107	Resp:	282799
Ion	Ratio	Lower	Upper
107	100		
108	114.9	89.7	134.5
77	44.1	34.2	51.4
79	41.7	33.4	50.2



#18
Hexachloroethane
Concen: 9.039 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:	117	Resp:	138266
Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.6	115.0
201	114.8	85.4	128.2



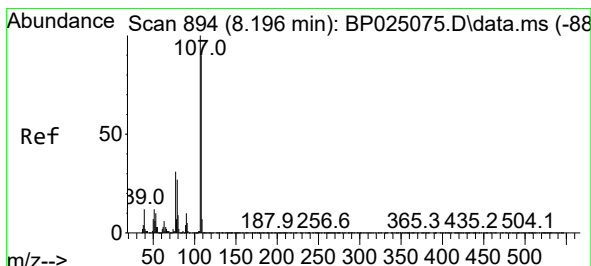
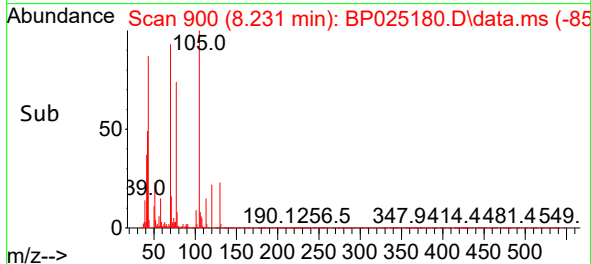
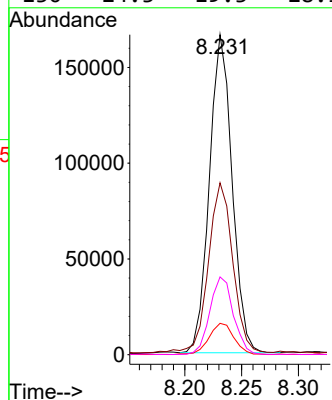
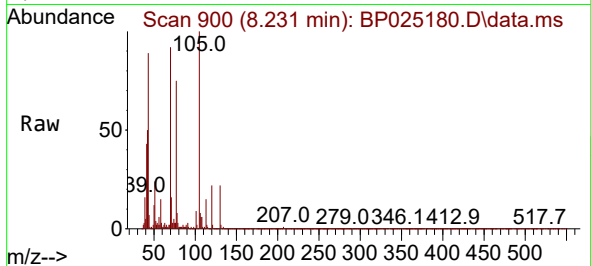


#19
n-Nitroso-di-n-propylamine
Concen: 8.061 ng
RT: 8.231 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Instrument :
BNA_P
ClientSampleId :
2819MS

Tgt Ion: 70 Resp: 231043

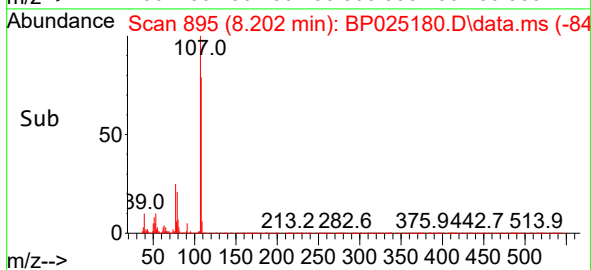
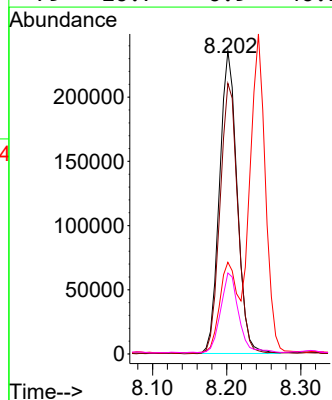
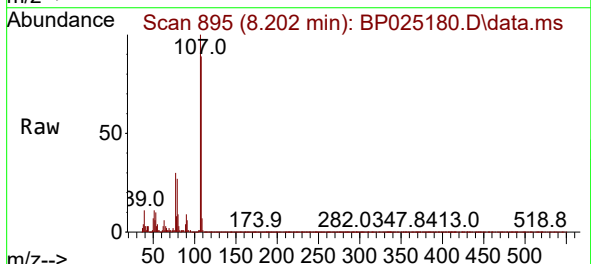
Ion	Ratio	Lower	Upper
70	100		
42	53.7	46.5	69.7
101	9.8	7.9	11.9
130	24.3	19.3	28.9

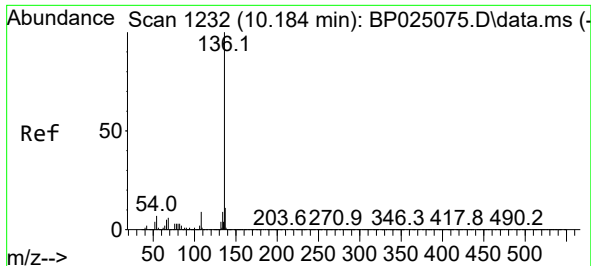


#20
3+4-Methylphenols
Concen: 8.796 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 107 Resp: 389752

Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.5	109.5
77	30.2	11.4	51.4
79	26.7	6.9	46.9

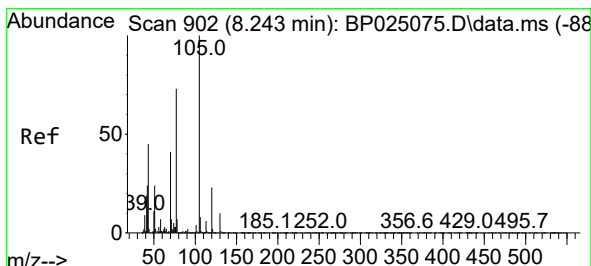
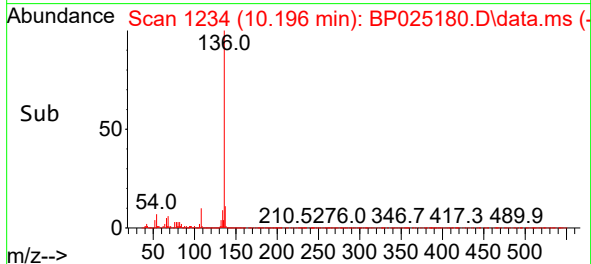
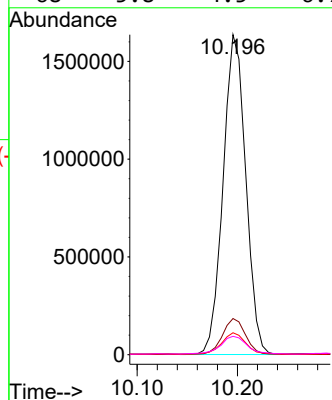
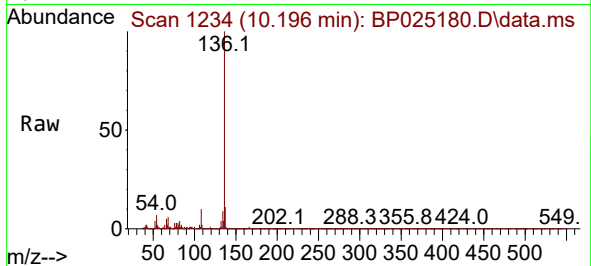




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

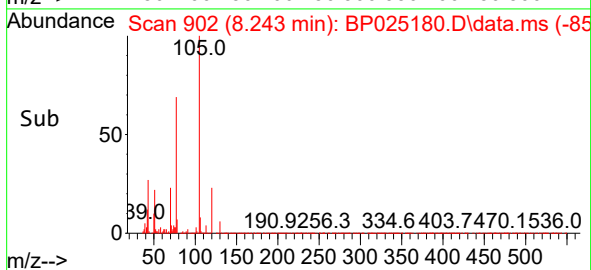
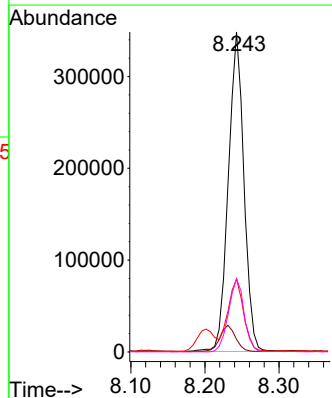
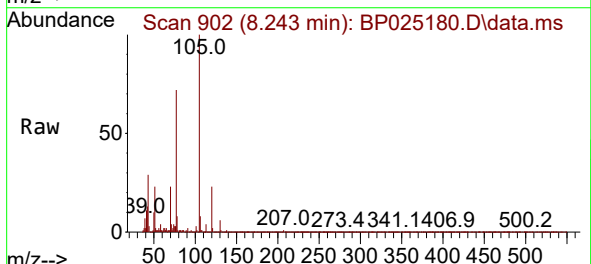
Instrument :
BNA_P
ClientSampleId :
2819MS

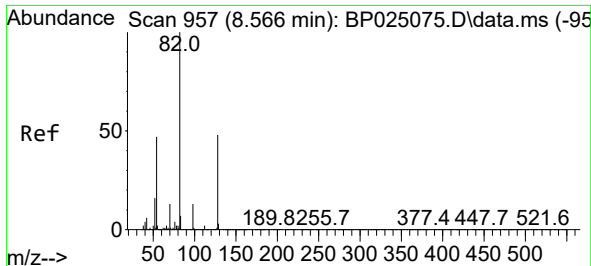
Tgt Ion:136 Resp: 2567214
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.8 5.4 8.2
68 5.8 4.5 6.7



#22
Acetophenone
Concen: 8.377 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:105 Resp: 508574
Ion Ratio Lower Upper
105 100
71 4.0 5.4 8.2#
51 22.8 19.6 29.4
120 23.0 18.8 28.2

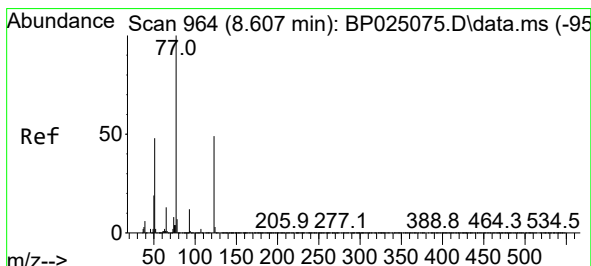
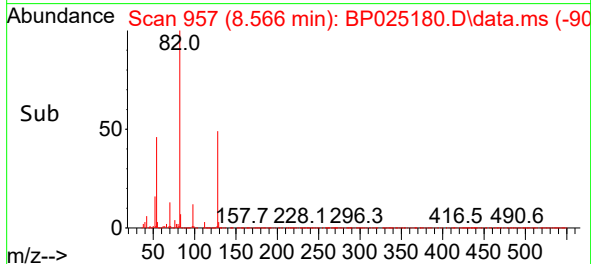
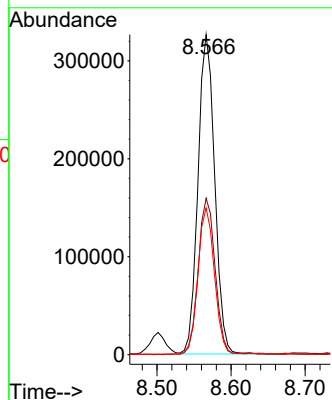
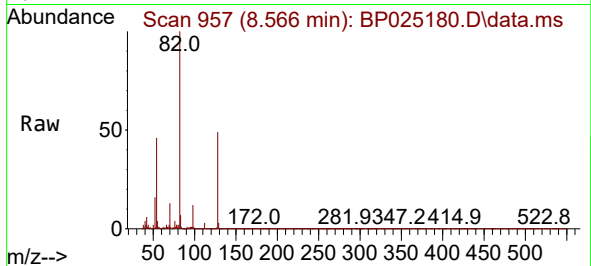




#23
Nitrobenzene-d5
Concen: 13.218 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

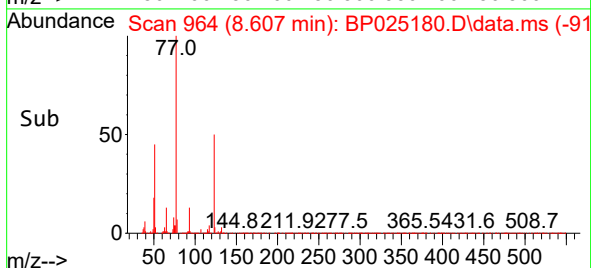
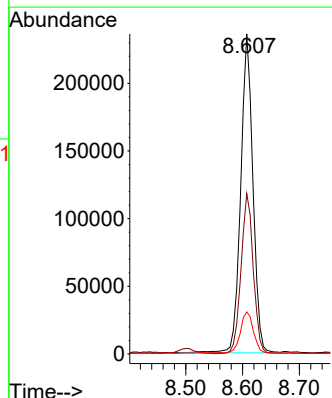
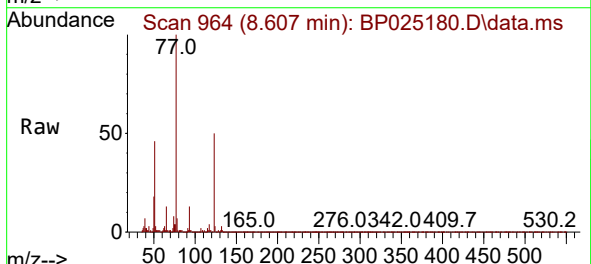
Instrument :
BNA_P
ClientSampleId :
2819MS

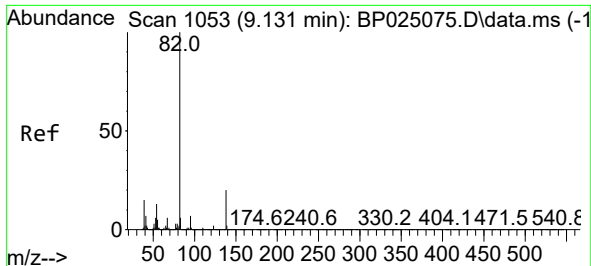
Tgt Ion: 82 Resp: 510248
Ion Ratio Lower Upper
82 100
128 48.8 38.4 57.6
54 45.8 37.8 56.6



#24
Nitrobenzene
Concen: 8.917 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 77 Resp: 350595
Ion Ratio Lower Upper
77 100
123 50.1 39.0 58.6
65 13.1 10.7 16.1

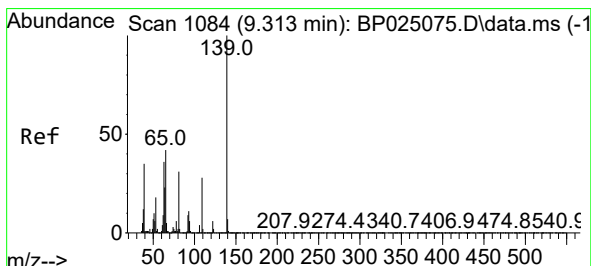
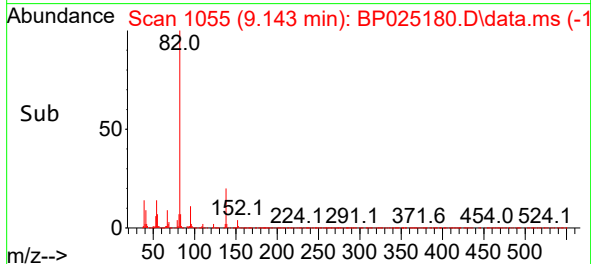
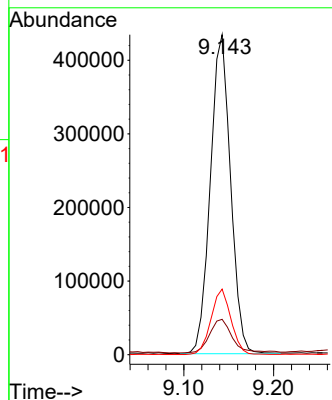
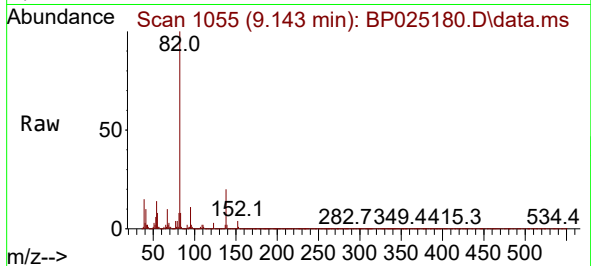




#25
Isophorone
Concen: 9.408 ng
RT: 9.143 min Scan# 1053
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

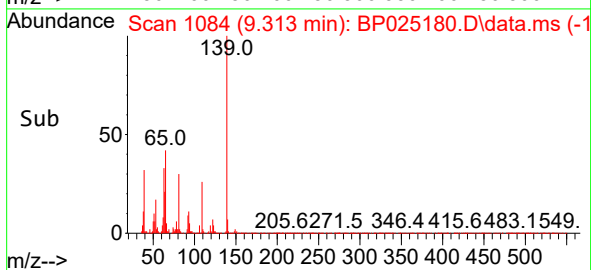
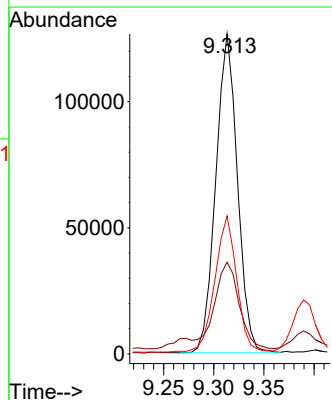
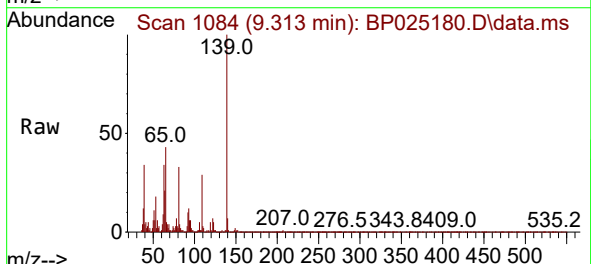
Instrument :
BNA_P
ClientSampleId :
2819MS

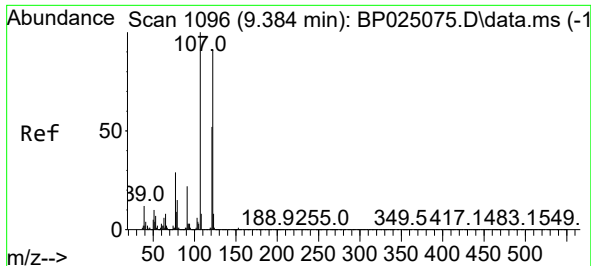
Tgt Ion: 82 Resp: 678723
Ion Ratio Lower Upper
82 100
95 11.0 5.8 8.6#
138 20.5 15.7 23.5



#26
2-Nitrophenol
Concen: 12.532 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:139 Resp: 189123
Ion Ratio Lower Upper
139 100
109 28.7 22.3 33.5
65 43.1 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 12.905 ng

RT: 9.390 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

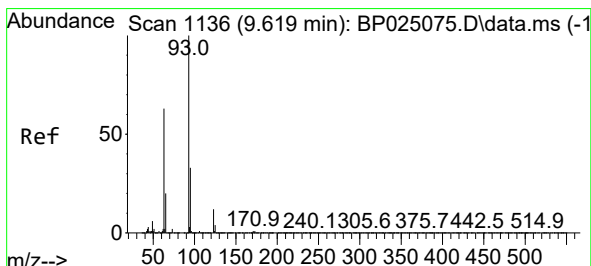
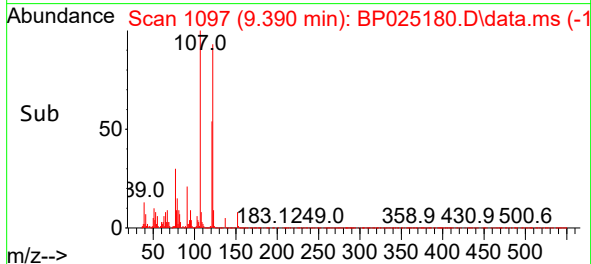
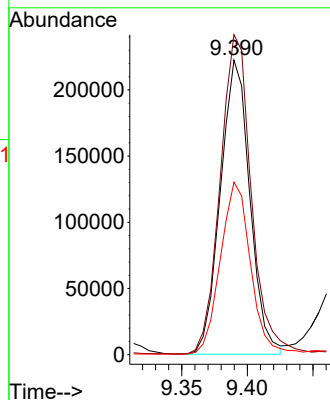
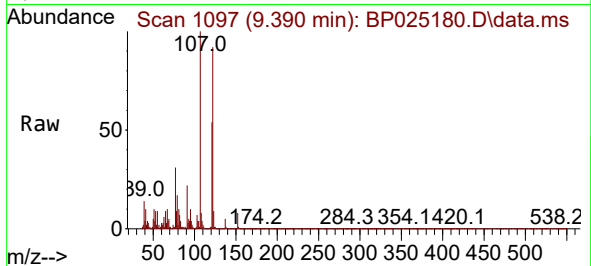
Tgt Ion:122 Resp: 347274

Ion Ratio Lower Upper

122 100

107 108.7 88.2 132.2

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 8.941 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

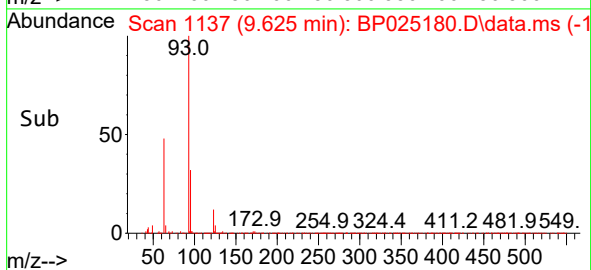
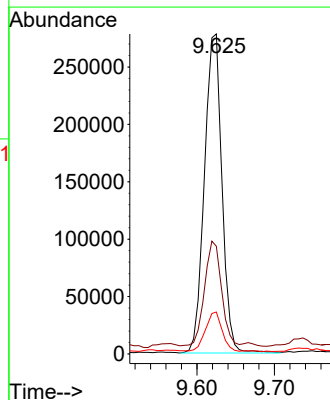
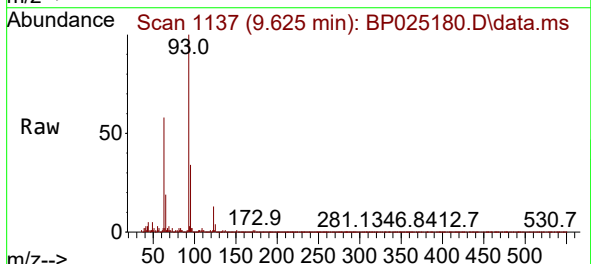
Tgt Ion: 93 Resp: 437932

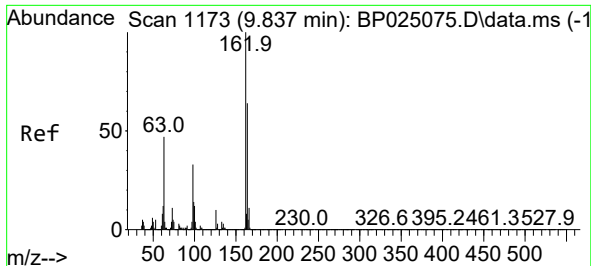
Ion Ratio Lower Upper

93 100

95 33.7 26.4 39.6

123 13.1 10.1 15.1

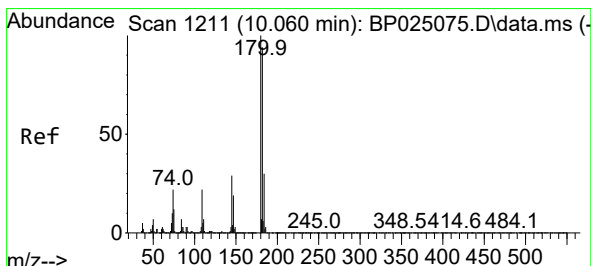
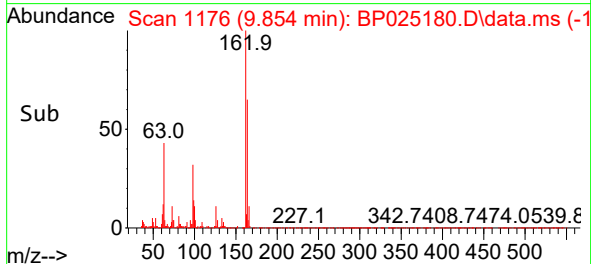
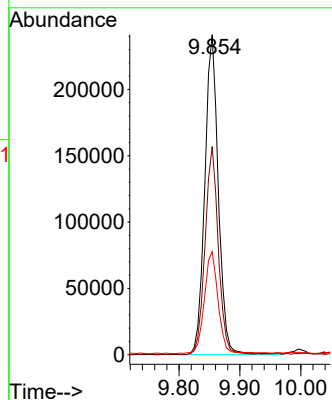
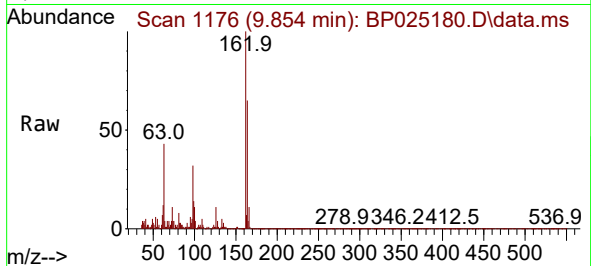




#29
2,4-Dichlorophenol
Concen: 9.963 ng
RT: 9.854 min Scan# 1176
Delta R.T. 0.018 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

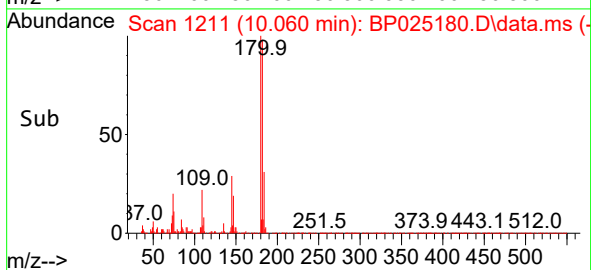
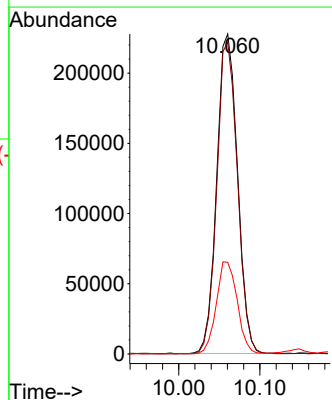
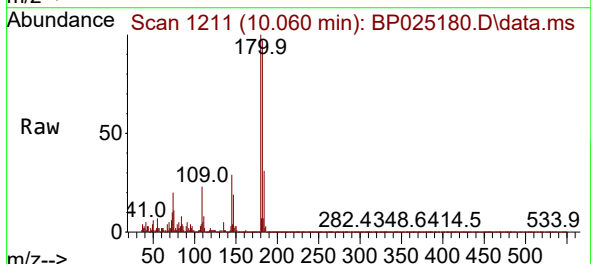
Instrument :
BNA_P
ClientSampleId :
2819MS

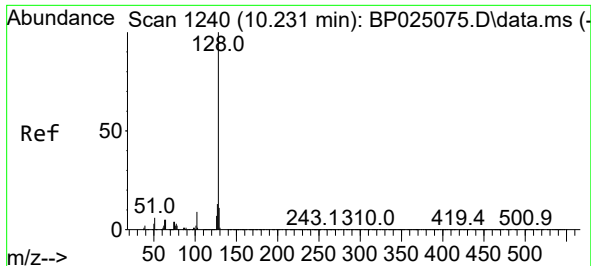
Tgt Ion:162 Resp: 371755
Ion Ratio Lower Upper
162 100
164 65.0 44.1 84.1
98 32.2 13.1 53.1



#30
1,2,4-Trichlorobenzene
Concen: 9.807 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:180 Resp: 405257
Ion Ratio Lower Upper
180 100
182 97.5 75.1 112.7
145 28.7 23.3 34.9

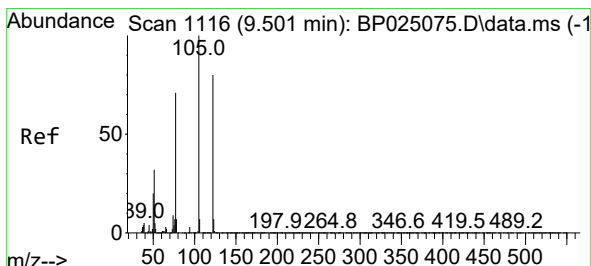
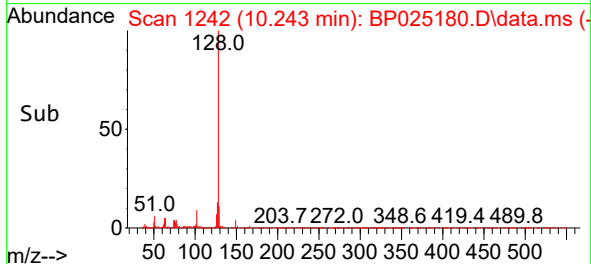
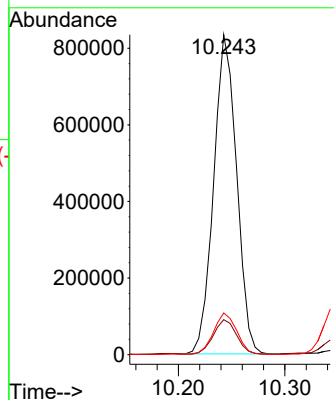
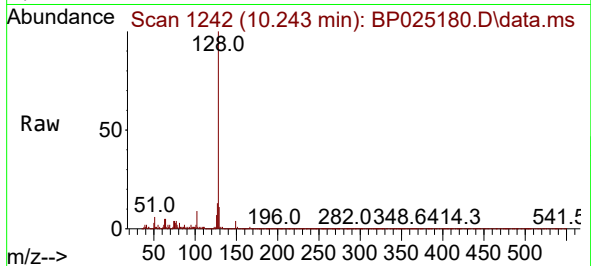




#31
Naphthalene
Concen: 9.428 ng
RT: 10.243 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

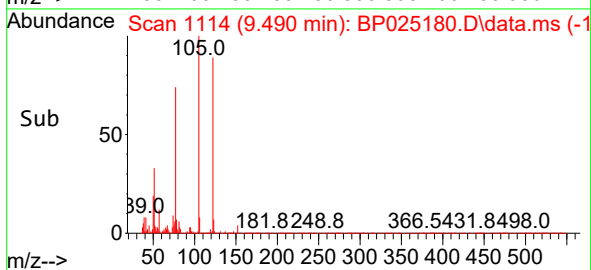
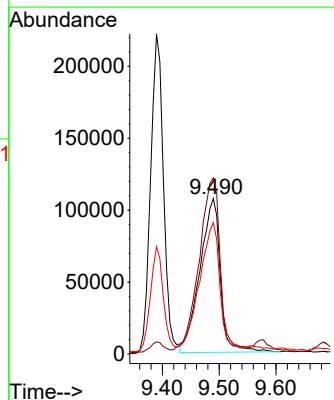
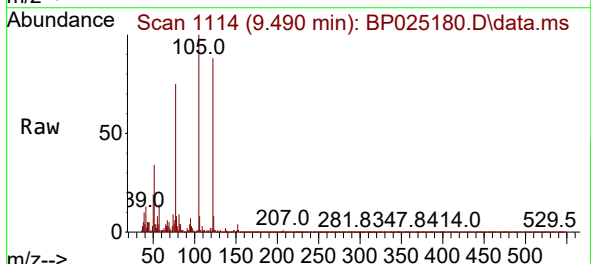
Instrument :
BNA_P
ClientSampleId :
2819MS

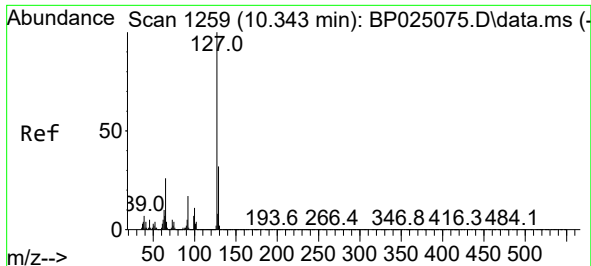
Tgt Ion:128 Resp: 1246259
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 14.851 ng
RT: 9.490 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:122 Resp: 266995
Ion Ratio Lower Upper
122 100
105 113.3 101.0 141.0
77 84.6 67.6 107.6

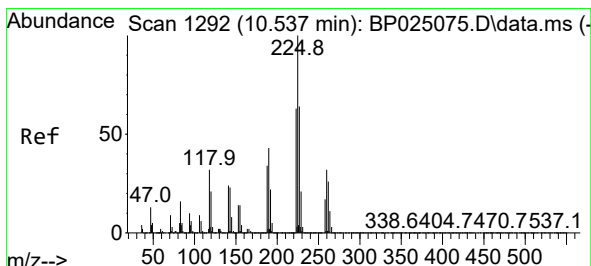
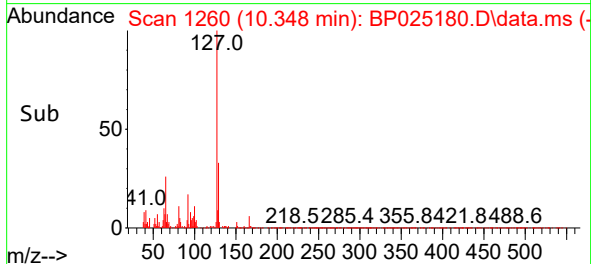
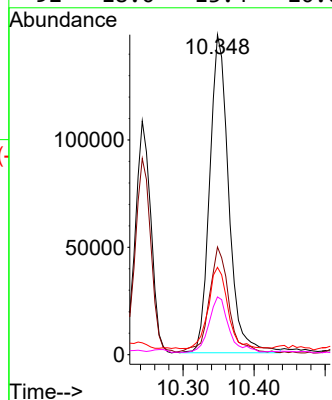
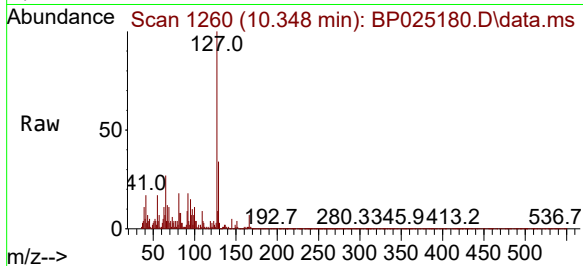




#33
4-Chloroaniline
Concen: 5.580 ng
RT: 10.348 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

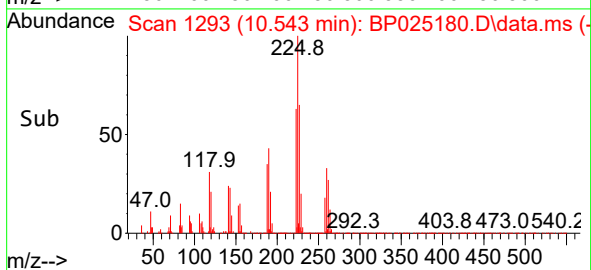
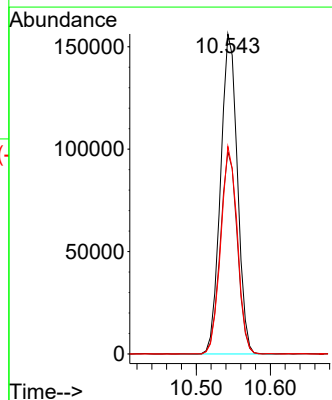
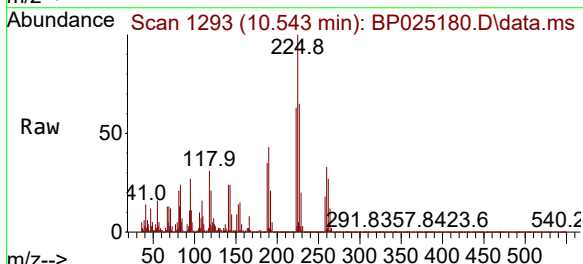
Instrument :
BNA_P
ClientSampleId :
2819MS

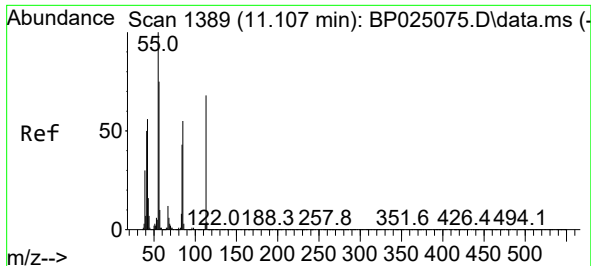
Tgt Ion:	127	Resp:	275263
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.4	38.2
65	27.3	21.0	31.6
92	18.0	13.4	20.0



#34
Hexachlorobutadiene
Concen: 10.382 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:	225	Resp:	246194
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	64.9	51.3	76.9

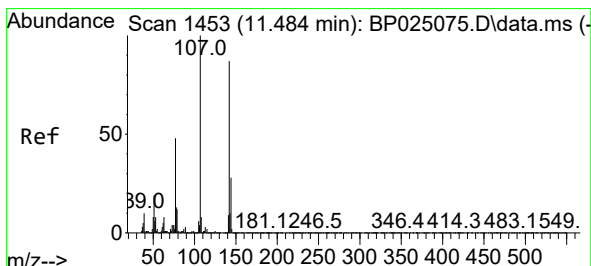
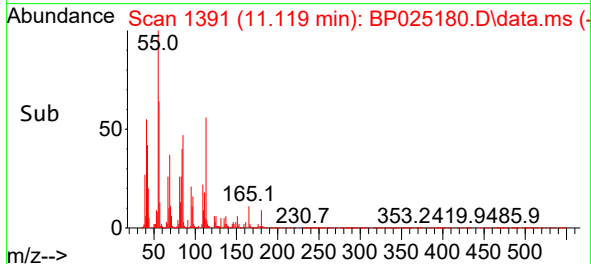
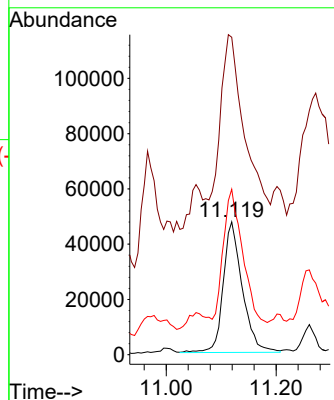
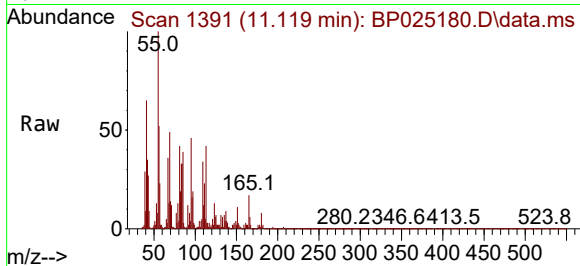




#35
Caprolactam
Concen: 8.934 ng
RT: 11.119 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

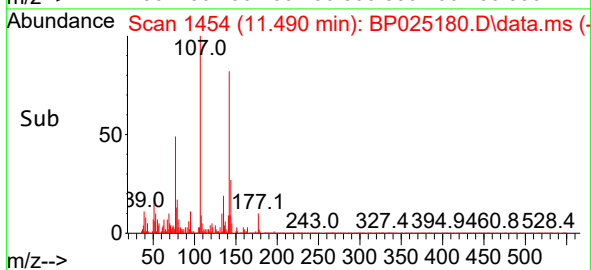
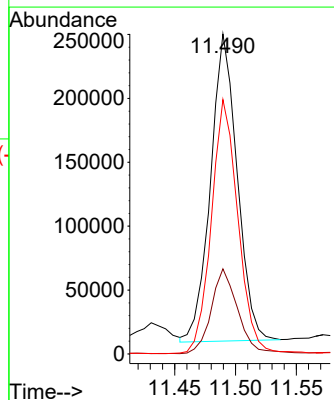
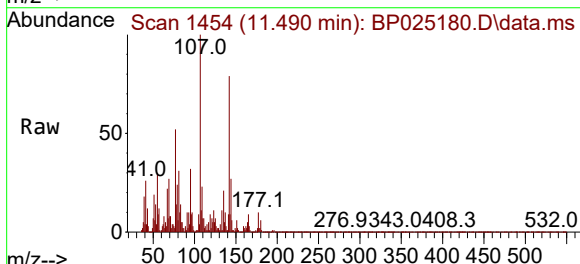
Instrument :
BNA_P
ClientSampleId :
2819MS

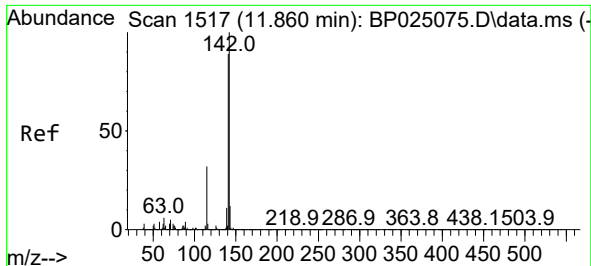
Tgt Ion:113 Resp: 114042
Ion Ratio Lower Upper
113 100
55 238.9 128.1 168.1#
56 124.6 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 9.411 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:107 Resp: 366983
Ion Ratio Lower Upper
107 100
144 26.6 22.4 33.6
142 79.5 69.6 104.4

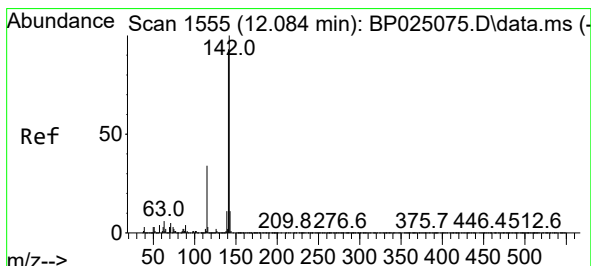
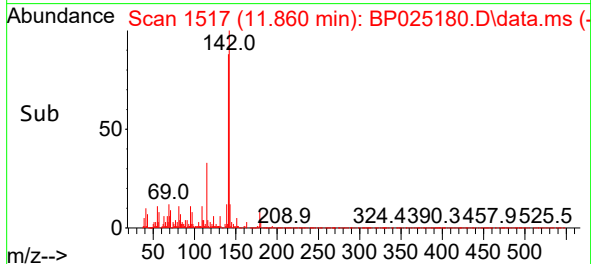
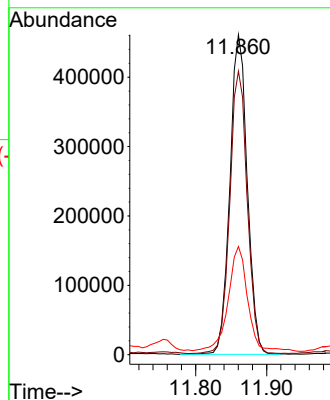
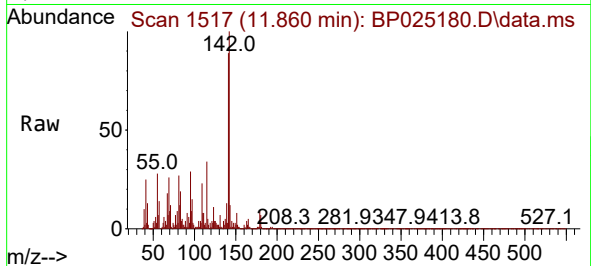




#37
2-Methylnaphthalene
Concen: 8.391 ng
RT: 11.860 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

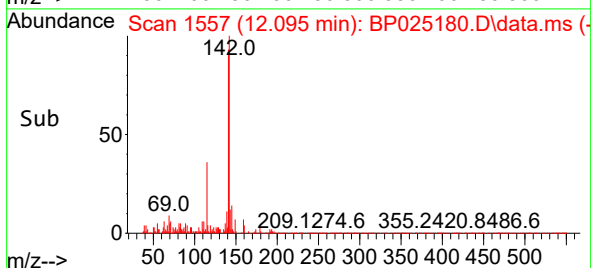
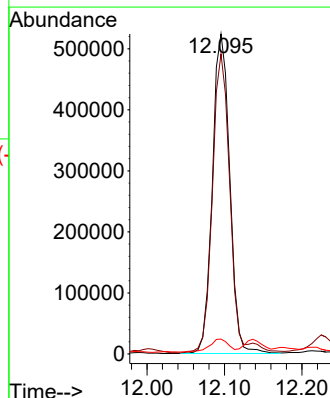
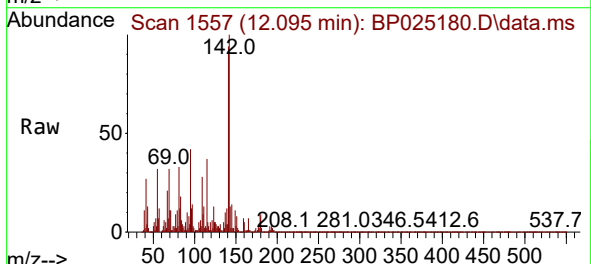
Instrument :
BNA_P
ClientSampleId :
2819MS

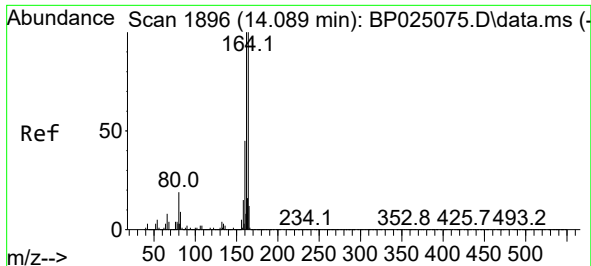
Tgt Ion:142 Resp: 782605
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 33.8 25.9 38.9



#38
1-Methylnaphthalene
Concen: 8.959 ng
RT: 12.095 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:142 Resp: 814985
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1
116 4.7 2.7 4.1#

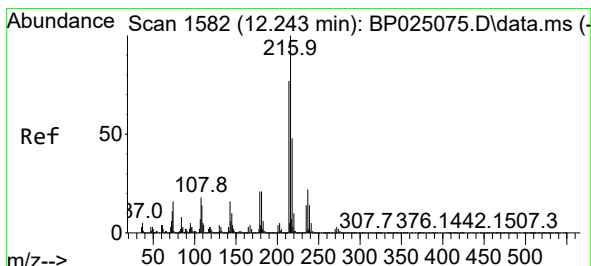
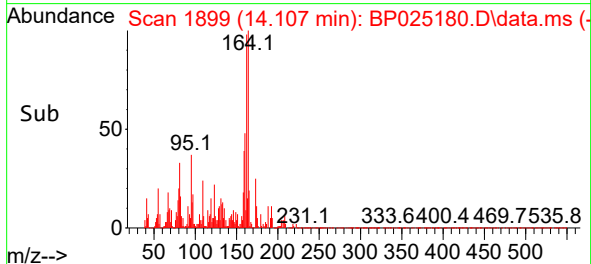
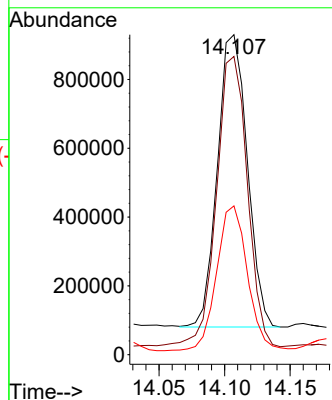
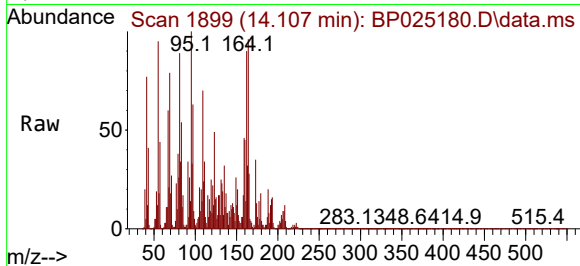




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.107 min Scan# 1899
Delta R.T. 0.018 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

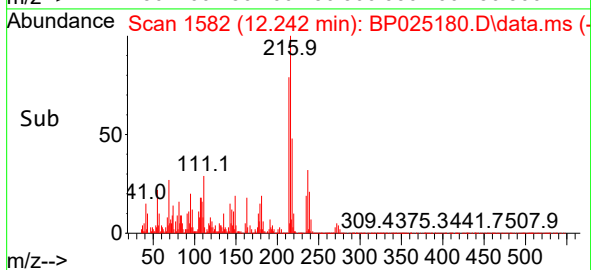
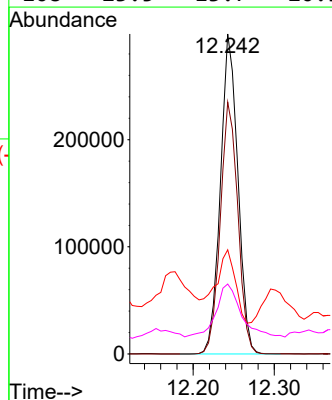
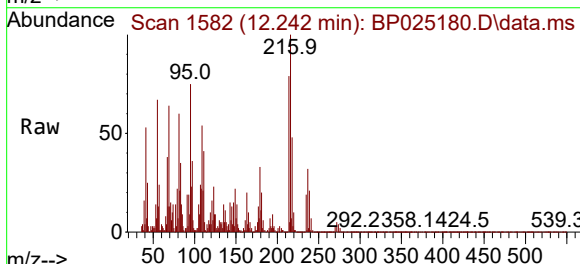
Instrument :
BNA_P
ClientSampleId :
2819MS

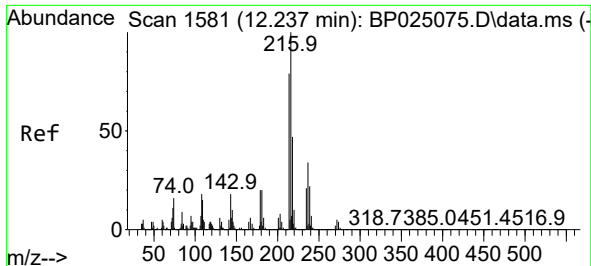
Tgt Ion:164 Resp: 1344010
Ion Ratio Lower Upper
164 100
162 93.2 80.3 120.5
160 46.5 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.548 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:216 Resp: 446062
Ion Ratio Lower Upper
216 100
214 79.3 62.4 93.6
179 25.6 16.5 24.7#
108 23.5 13.7 20.5#

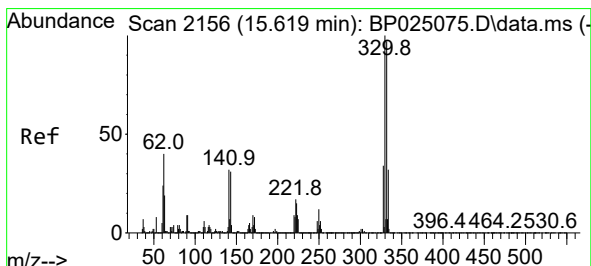
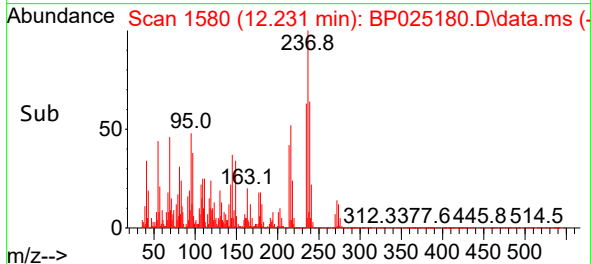
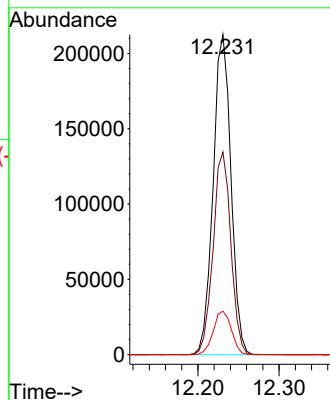
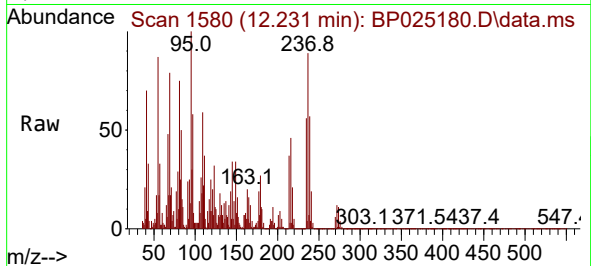




#41
Hexachlorocyclopentadiene
Concen: 32.143 ng
RT: 12.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

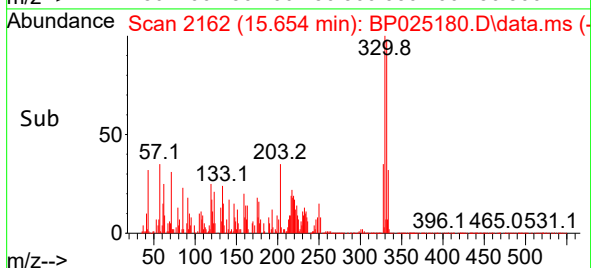
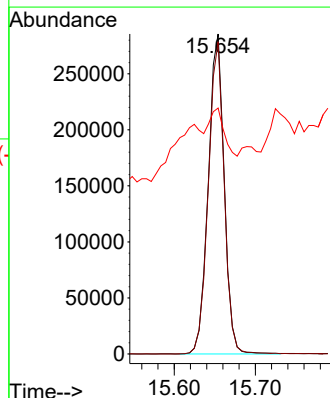
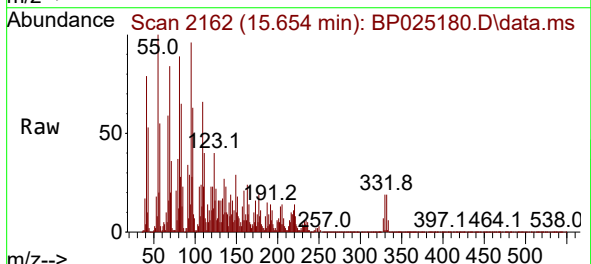
Instrument :
BNA_P
ClientSampleId :
2819MS

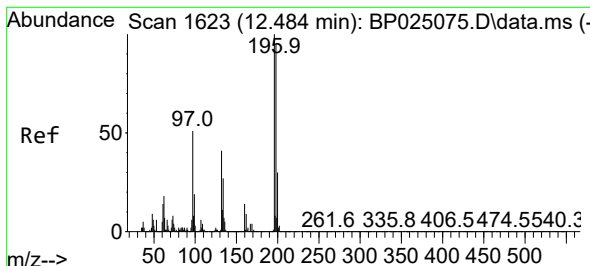
Tgt Ion:237 Resp: 324301
Ion Ratio Lower Upper
237 100
235 63.4 41.6 81.6
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 24.441 ng
RT: 15.654 min Scan# 2162
Delta R.T. 0.035 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:330 Resp: 388053
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 13.7 26.0 39.0#





#43

2,4,6-Trichlorophenol

Concen: 12.607 ng

RT: 12.495 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

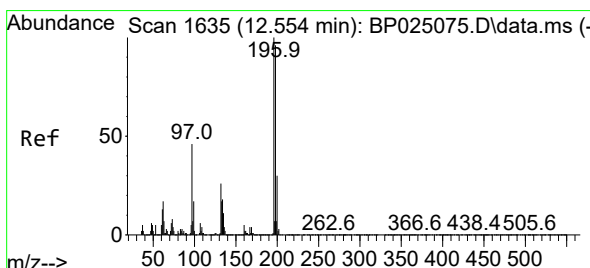
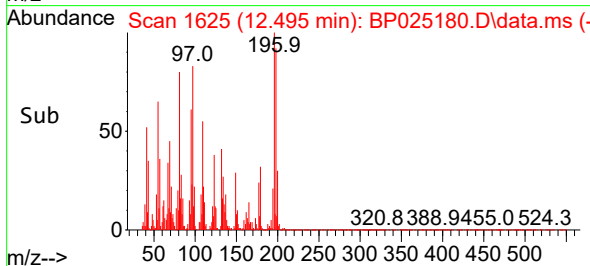
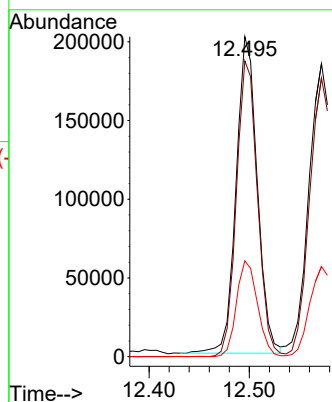
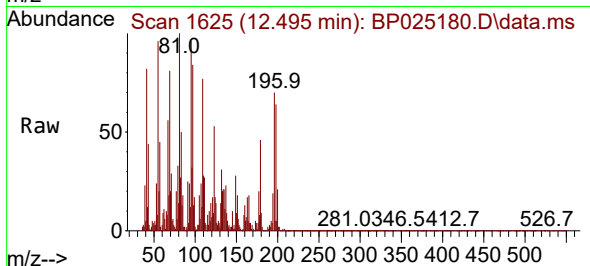
Tgt Ion:196 Resp: 294860

Ion Ratio Lower Upper

196 100

198 92.4 76.2 114.2

200 29.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 11.676 ng

RT: 12.572 min Scan# 1638

Delta R.T. 0.018 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Tgt Ion:196 Resp: 309480

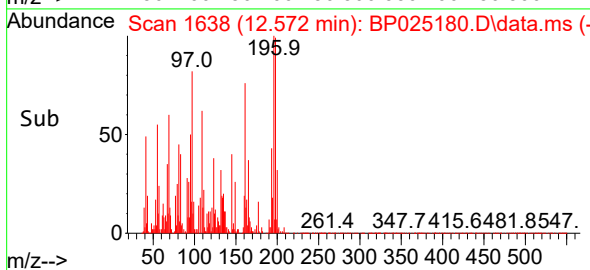
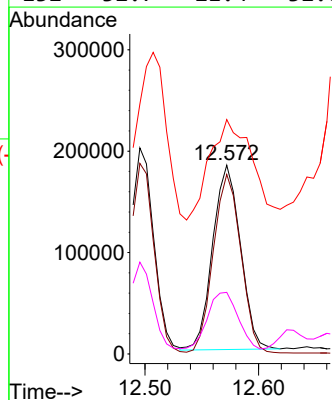
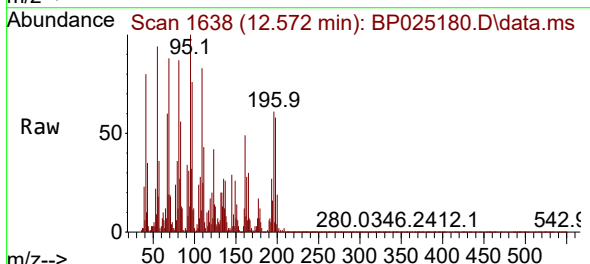
Ion Ratio Lower Upper

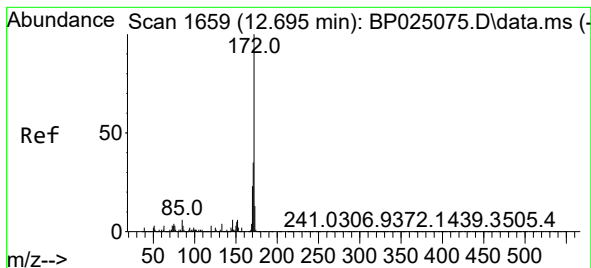
196 100

198 95.1 76.6 115.0

97 124.2 36.6 55.0#

132 32.7 21.4 32.0#





#45

2-Fluorobiphenyl

Concen: 15.582 ng

RT: 12.701 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

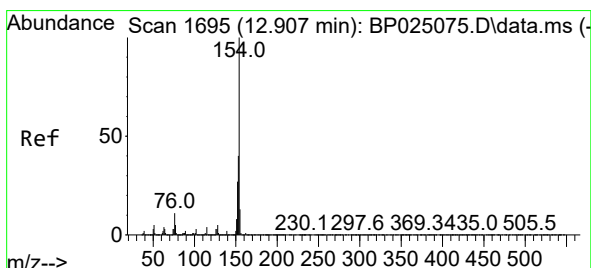
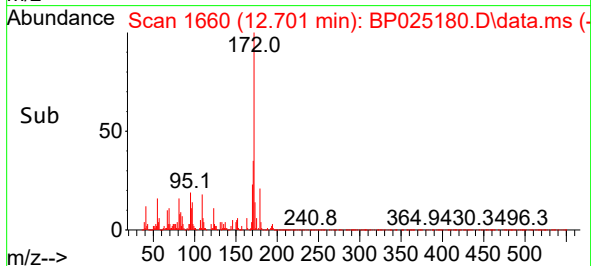
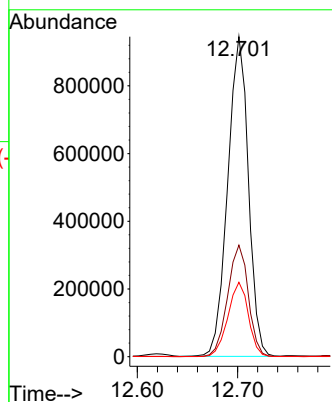
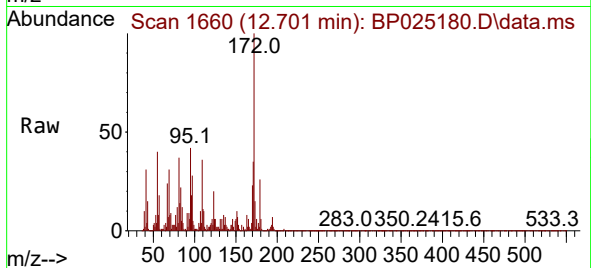
Tgt Ion:172 Resp: 1351858

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 10.908 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

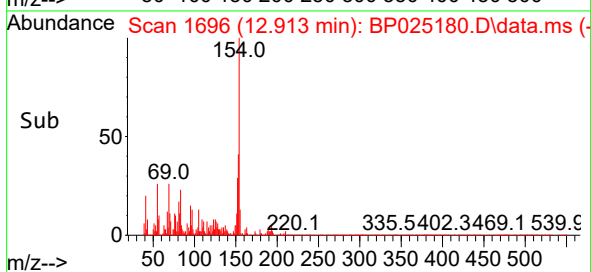
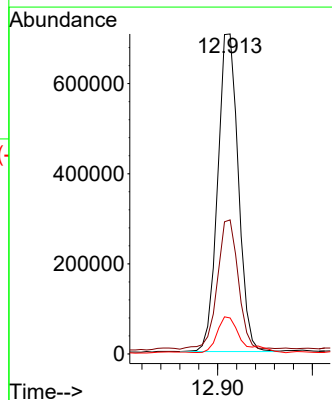
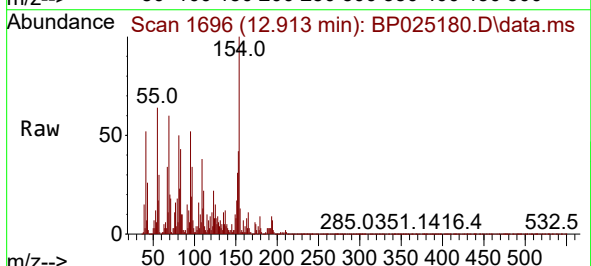
Tgt Ion:154 Resp: 1066714

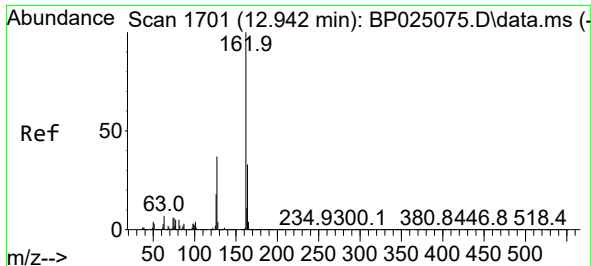
Ion Ratio Lower Upper

154 100

153 41.9 20.2 60.2

76 11.3 0.0 31.5

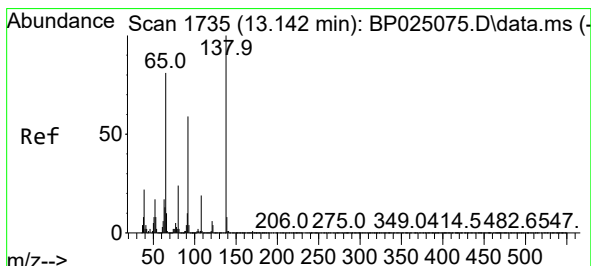
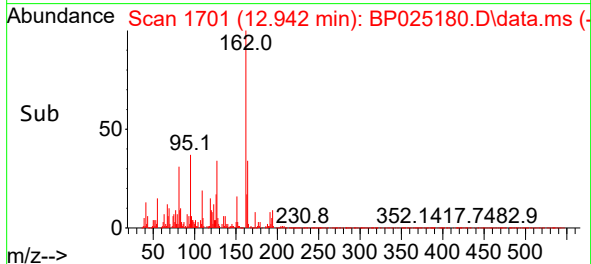
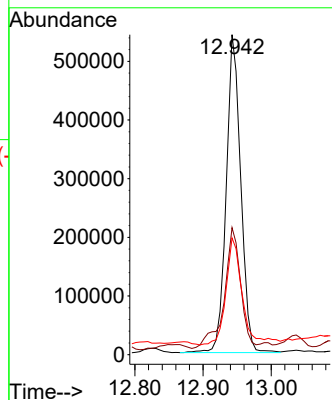
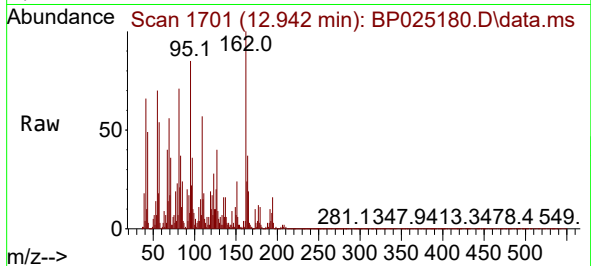




#47
2-Chloronaphthalene
Concen: 10.944 ng
RT: 12.942 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

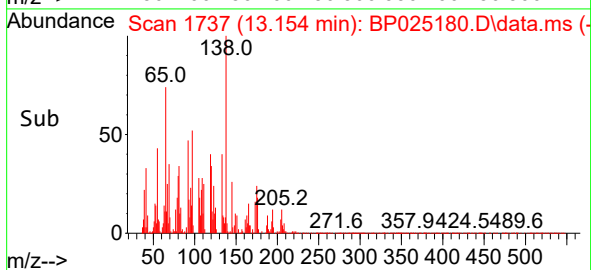
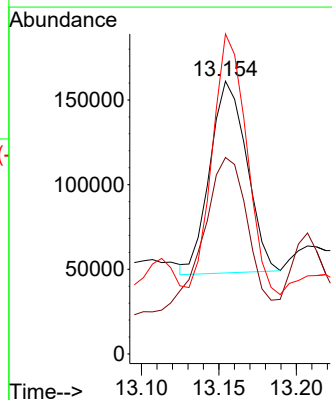
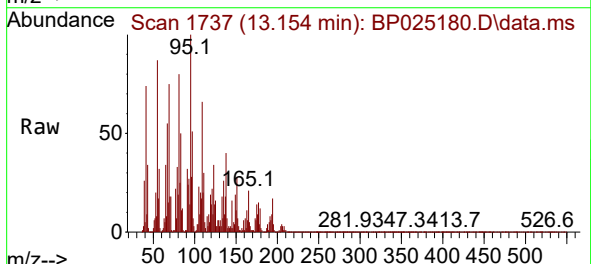
Instrument :
BNA_P
ClientSampleId :
2819MS

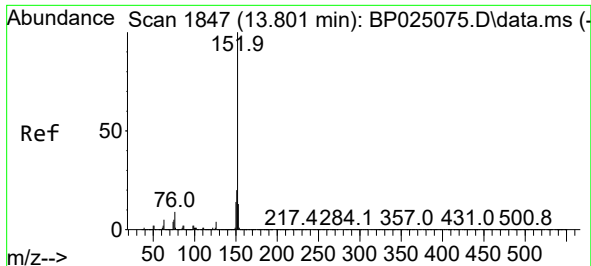
Tgt Ion:162 Resp: 804351
Ion Ratio Lower Upper
162 100
127 39.7 29.4 44.2
164 36.5 26.4 39.6



#48
2-Nitroaniline
Concen: 12.573 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion: 65 Resp: 187383
Ion Ratio Lower Upper
65 100
92 72.0 58.7 88.1
138 117.3 99.0 148.4

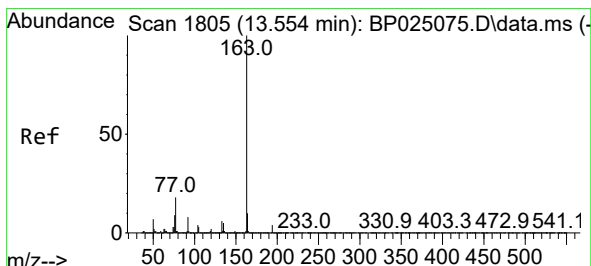
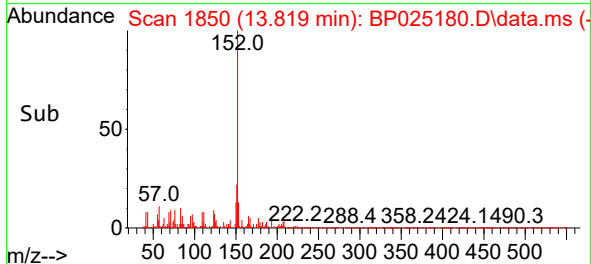
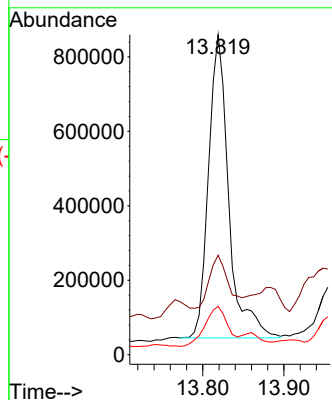
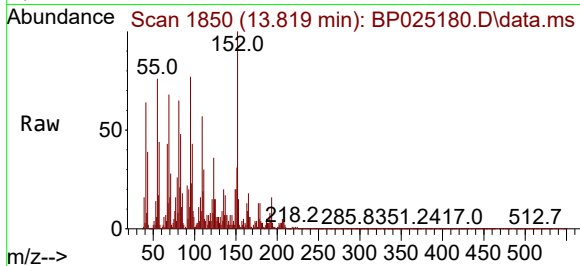




#49
Acenaphthylene
Concen: 12.479 ng
RT: 13.819 min Scan# 1850
Delta R.T. 0.018 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

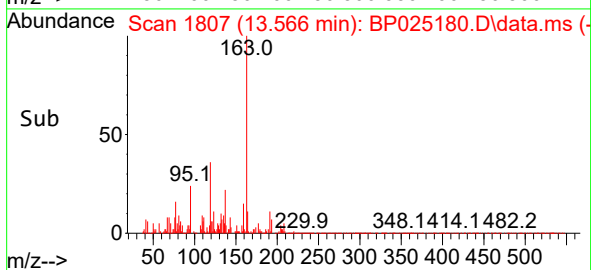
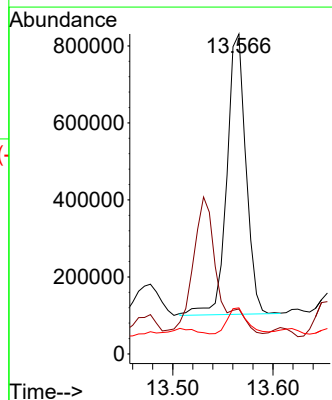
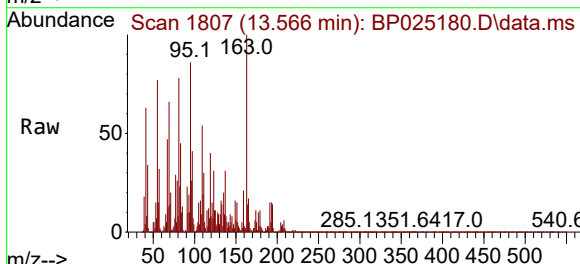
Instrument :
BNA_P
ClientSampleId :
2819MS

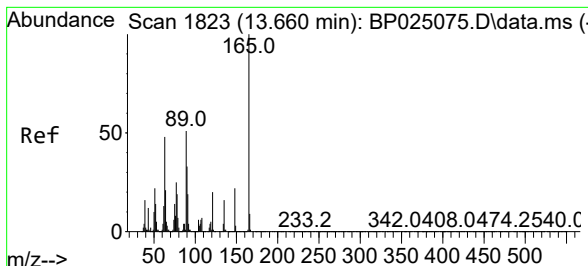
Tgt Ion:152 Resp: 1403759
Ion Ratio Lower Upper
152 100
151 31.1 16.1 24.1#
153 15.1 10.7 16.1



#50
Dimethylphthalate
Concen: 10.178 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:163 Resp: 957580
Ion Ratio Lower Upper
163 100
194 14.0 3.4 5.0#
164 14.4 8.0 12.0#

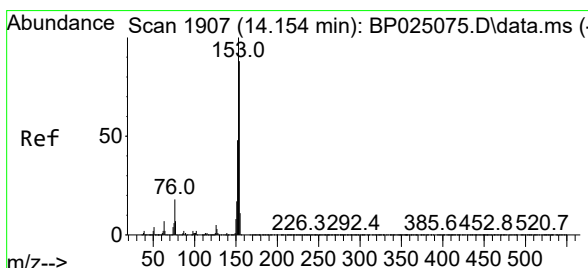
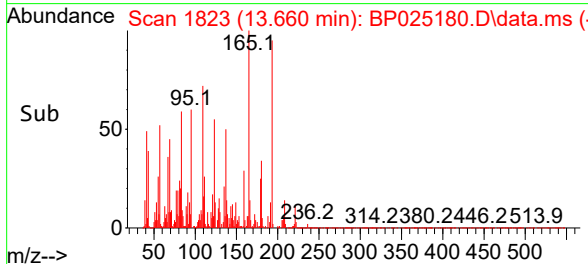
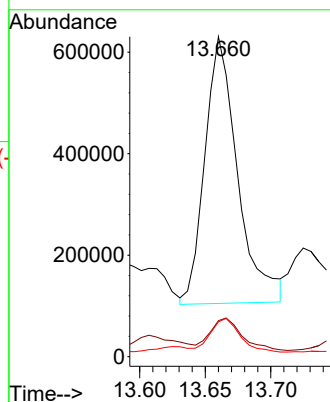
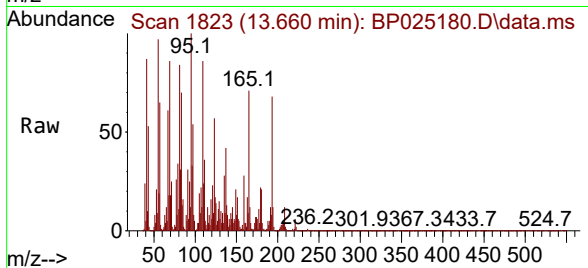




#51
2,6-Dinitrotoluene
Concen: 49.743 ng
RT: 13.660 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

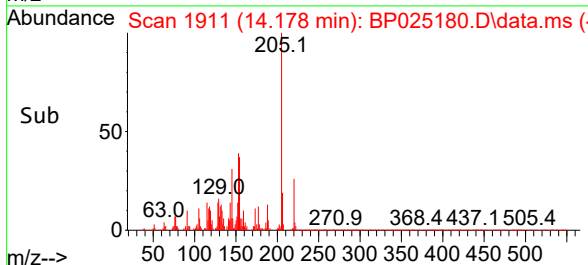
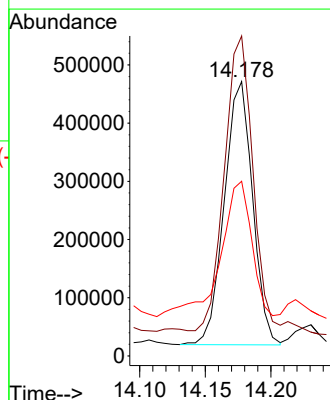
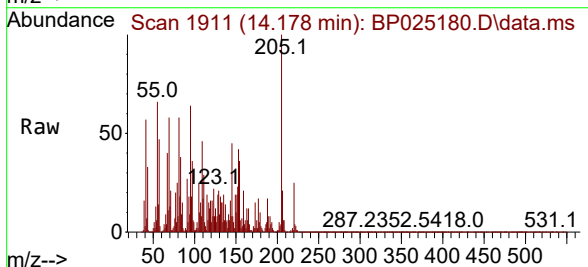
Instrument :
BNA_P
ClientSampleId :
2819MS

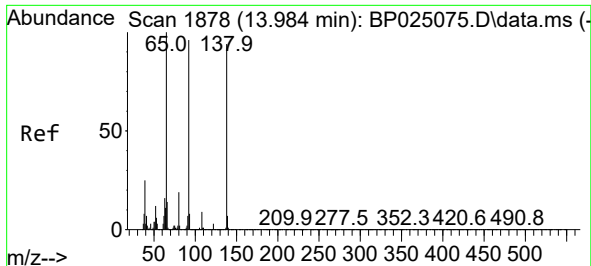
Tgt Ion:165 Resp: 912715
Ion Ratio Lower Upper
165 100
63 11.3 38.5 57.7#
89 10.9 40.6 61.0#



#52
Acenaphthene
Concen: 9.368 ng
RT: 14.178 min Scan# 1911
Delta R.T. 0.024 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:154 Resp: 679203
Ion Ratio Lower Upper
154 100
153 116.6 90.6 136.0
152 63.7 43.8 65.8

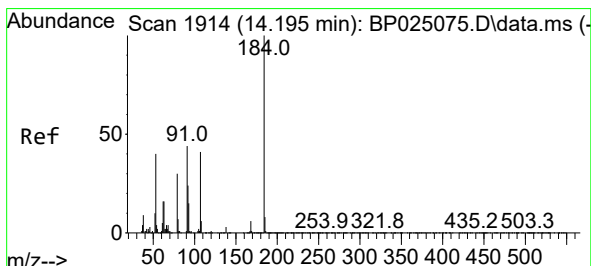
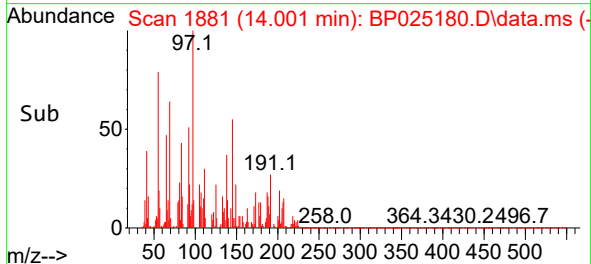
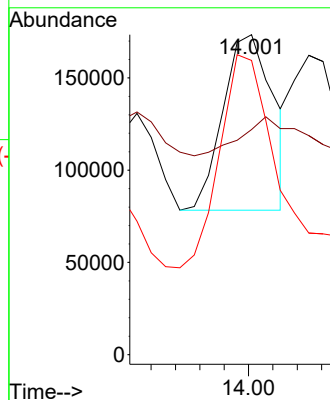
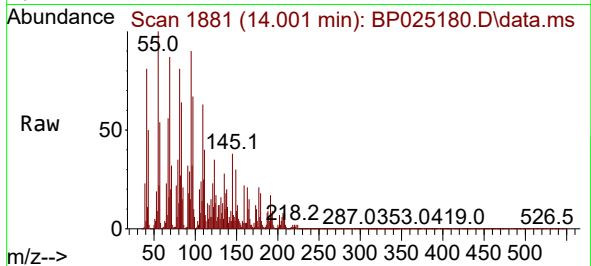




#53
3-Nitroaniline
Concen: 6.924 ng
RT: 14.001 min Scan# 1878
Delta R.T. 0.018 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

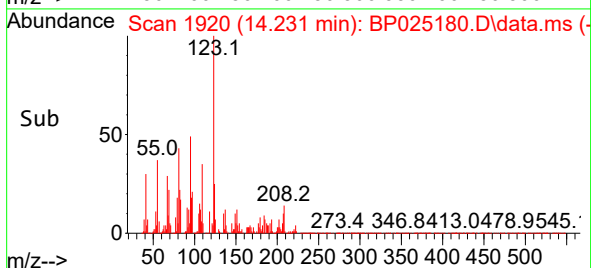
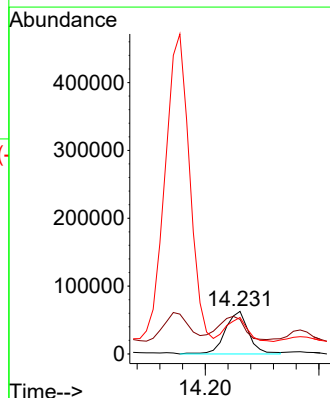
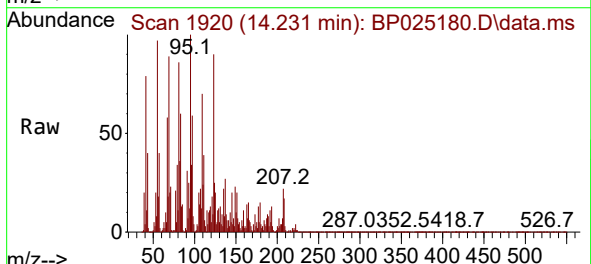
Instrument :
BNA_P
ClientSampleId :
2819MS

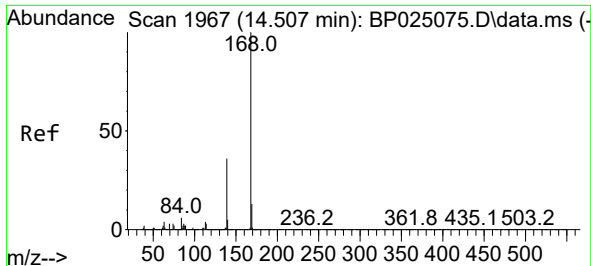
Tgt Ion:138 Resp: 136155
Ion Ratio Lower Upper
138 100
108 70.4 7.8 11.8#
92 92.0 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 14.791 ng
RT: 14.231 min Scan# 1920
Delta R.T. 0.036 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:184 Resp: 90438
Ion Ratio Lower Upper
184 100
63 81.1 47.4 71.0#
154 85.5 47.8 71.8#

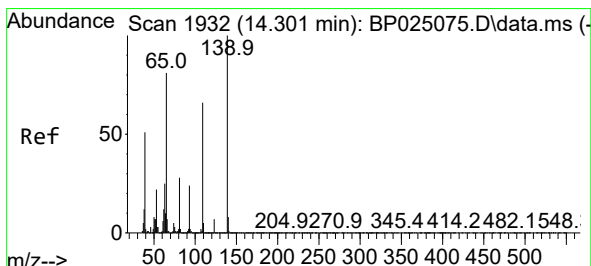
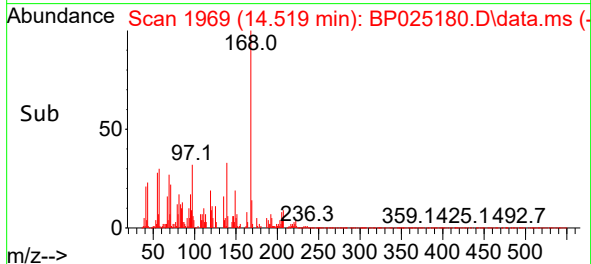
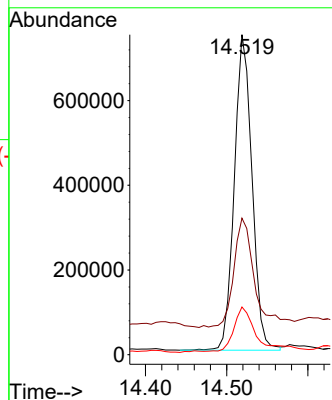
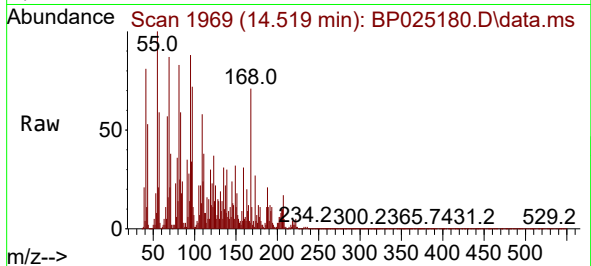




#55
Dibenzenofuran
Concen: 9.416 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

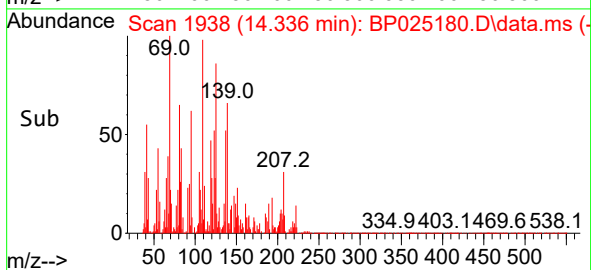
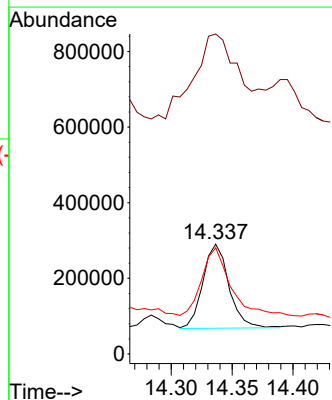
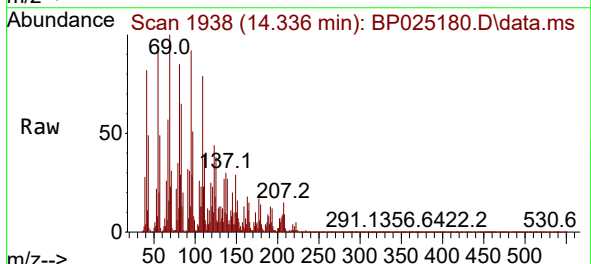
Instrument :
BNA_P
ClientSampleId :
2819MS

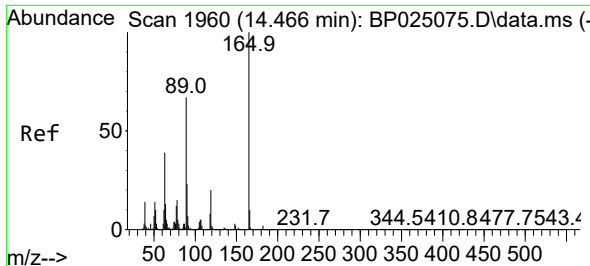
Tgt Ion:168 Resp: 1126658
Ion Ratio Lower Upper
168 100
139 42.7 28.6 43.0
169 14.9 10.7 16.1



#56
4-Nitrophenol
Concen: 18.306 ng
RT: 14.336 min Scan# 1938
Delta R.T. 0.035 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:139 Resp: 332196
Ion Ratio Lower Upper
139 100
109 291.7 45.9 85.9#
65 96.8 61.4 101.4

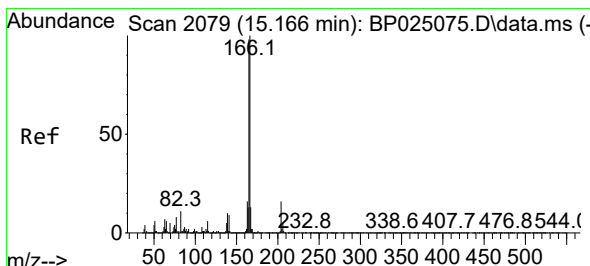
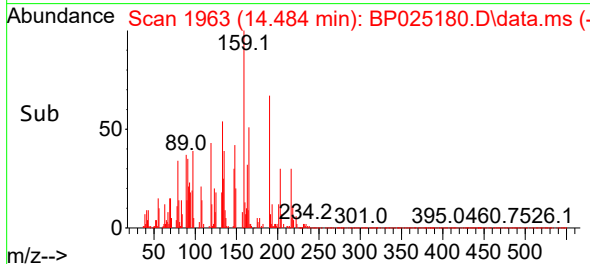
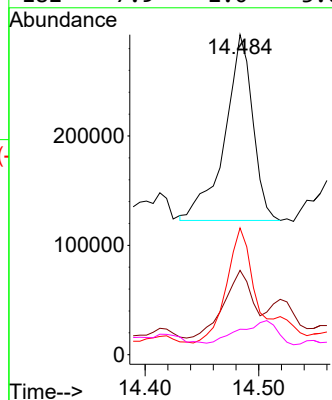
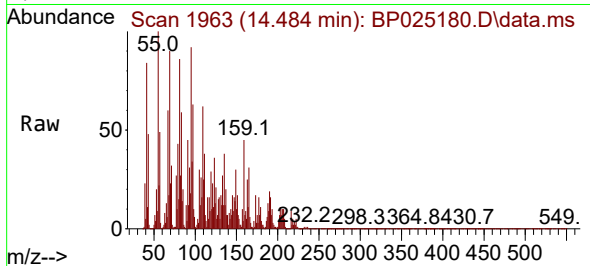




#57
2,4-Dinitrotoluene
Concen: 12.809 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

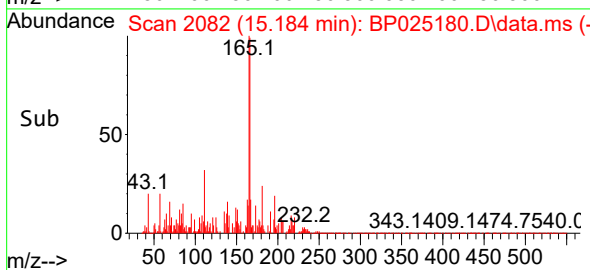
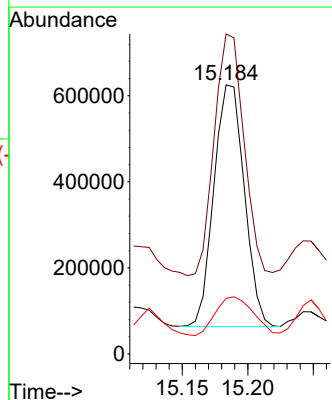
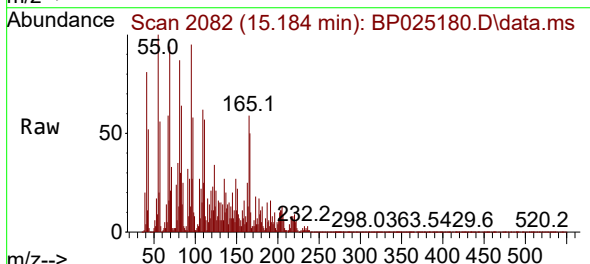
Instrument :
BNA_P
ClientSampleId :
2819MS

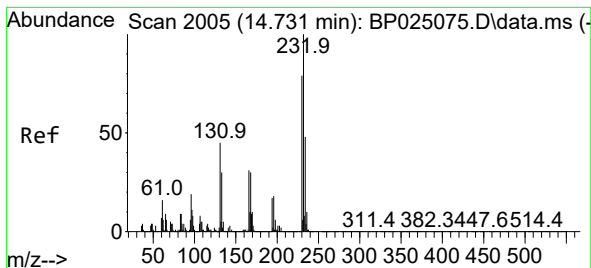
Tgt Ion:165 Resp: 289833
Ion Ratio Lower Upper
165 100
63 26.4 31.0 46.4#
89 39.6 53.4 80.0#
182 7.9 2.0 3.0#



#58
Fluorene
Concen: 9.803 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.018 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:166 Resp: 907275
Ion Ratio Lower Upper
166 100
165 118.9 78.6 117.8#
167 20.7 10.7 16.1#





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.869 ng

RT: 14.754 min Scan# 2009

Delta R.T. 0.024 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

Tgt Ion:232 Resp: 236900

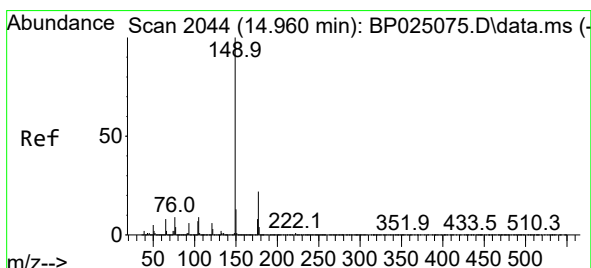
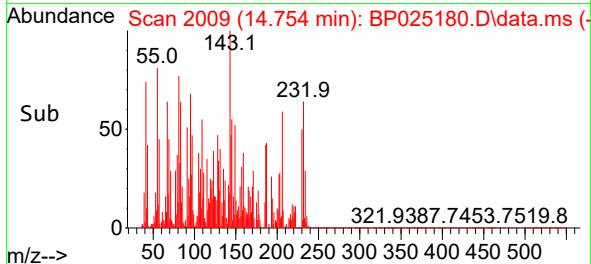
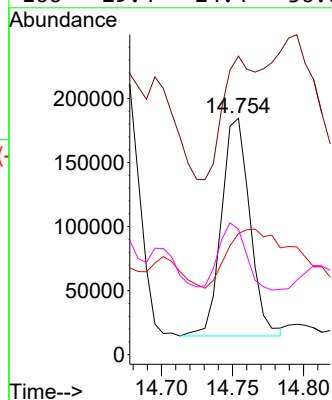
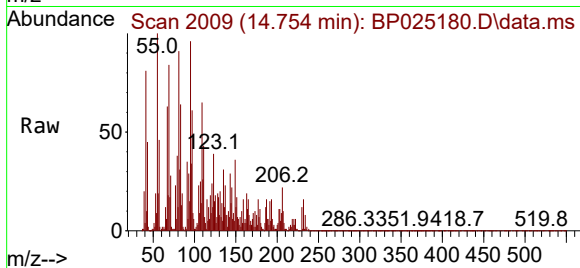
Ion Ratio Lower Upper

232 100

131 62.5 35.7 53.5#

130 66.6 1.8 2.6#

166 29.4 24.4 36.6



#60

Diethylphthalate

Concen: 9.429 ng

RT: 14.978 min Scan# 2047

Delta R.T. 0.018 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

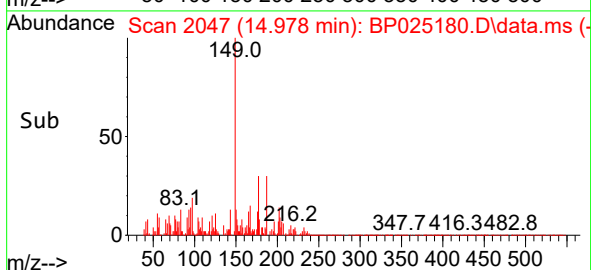
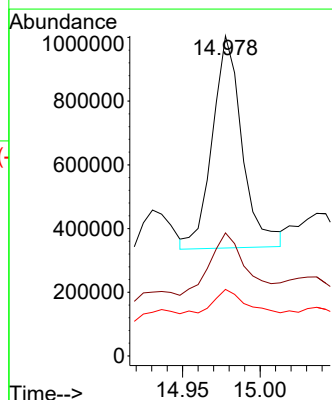
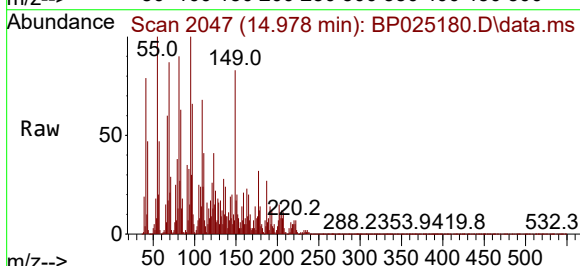
Tgt Ion:149 Resp: 891014

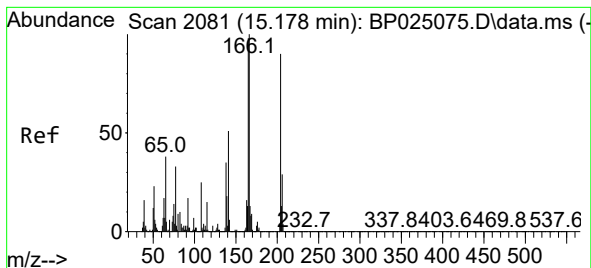
Ion Ratio Lower Upper

149 100

177 38.5 17.8 26.8#

150 20.8 10.2 15.2#

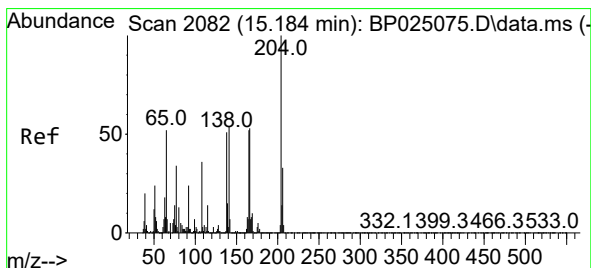
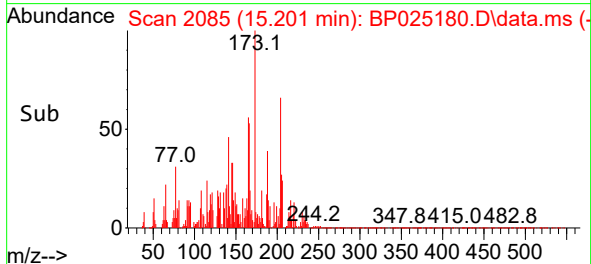
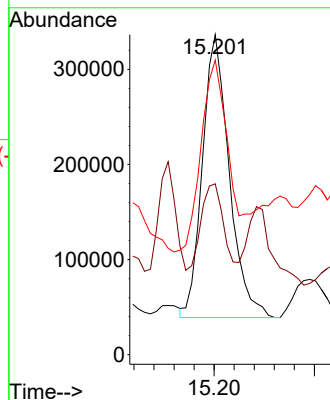
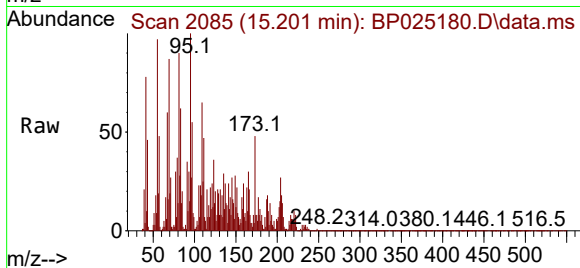




#61
4-Chlorophenyl-phenylether
Concen: 12.069 ng
RT: 15.201 min Scan# 2085
Delta R.T. 0.024 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

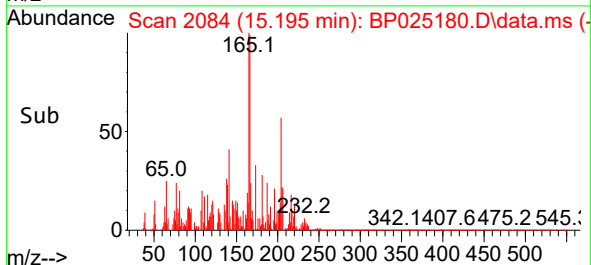
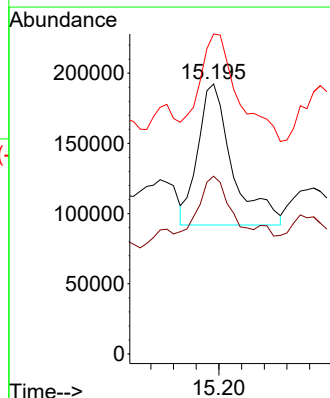
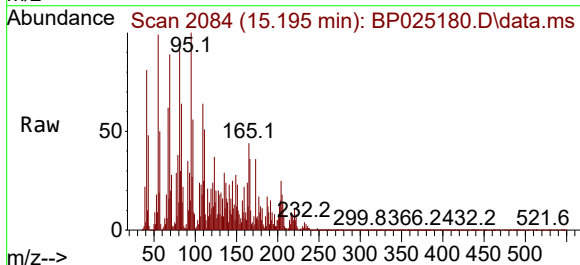
Instrument :
BNA_P
ClientSampleId :
2819MS

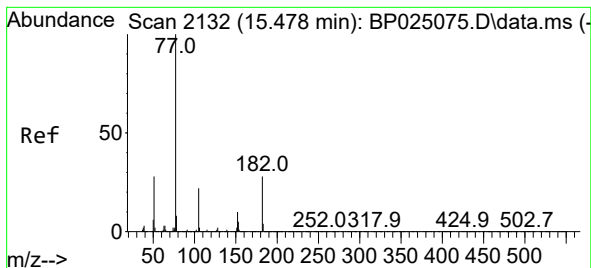
Tgt Ion:204 Resp: 552805
Ion Ratio Lower Upper
204 100
206 53.4 25.8 38.6#
141 92.1 45.1 67.7#



#62
4-Nitroaniline
Concen: 10.306 ng m
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:138 Resp: 212501
Ion Ratio Lower Upper
138 100
92 65.9 26.0 66.0
108 118.5 50.0 90.0#





#63

Azobenzene

Concen: 7.607 ng

RT: 15.495 min Scan# 2132

Delta R.T. 0.018 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

Tgt Ion: 77 Resp: 640054

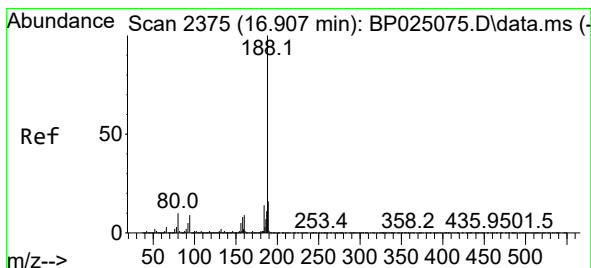
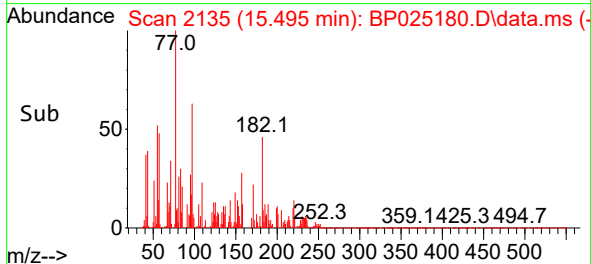
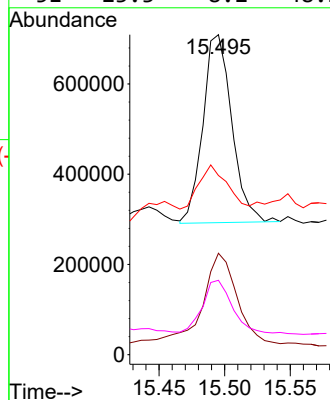
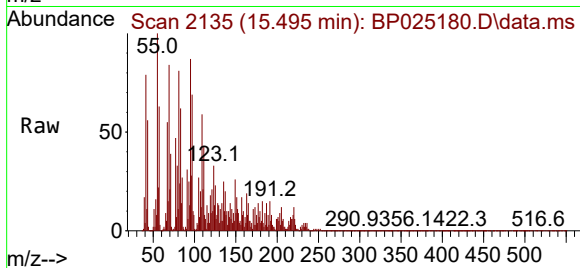
Ion Ratio Lower Upper

77 100

182 31.7 7.7 47.7

105 56.0 1.9 41.9#

51 23.3 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.942 min Scan# 2381

Delta R.T. 0.035 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

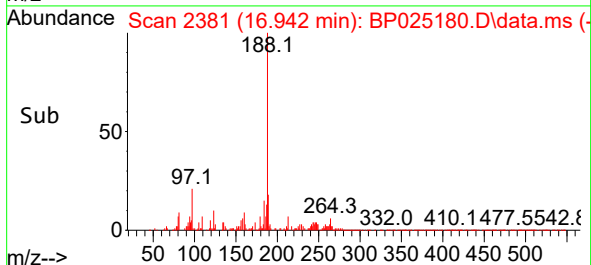
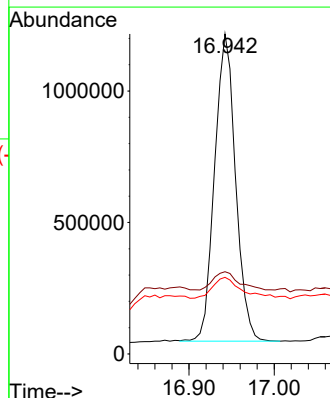
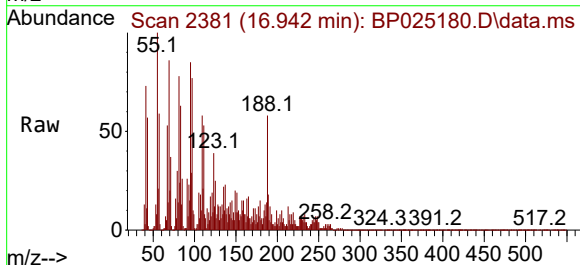
Tgt Ion:188 Resp: 1997477

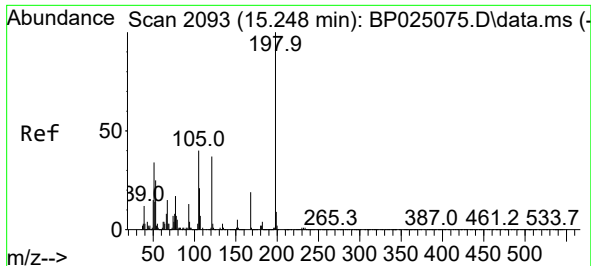
Ion Ratio Lower Upper

188 100

94 25.7 7.3 10.9#

80 23.9 7.8 11.6#

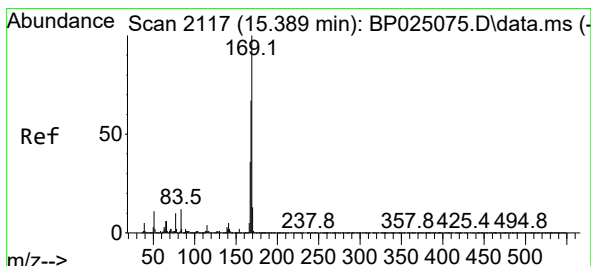
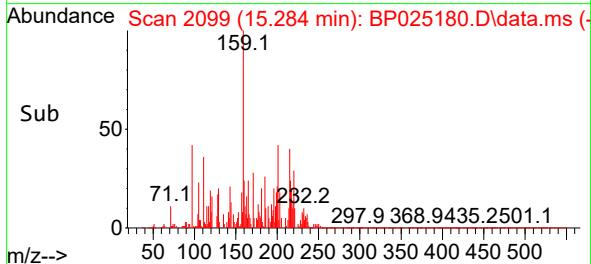
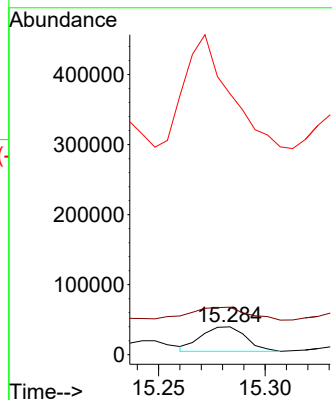
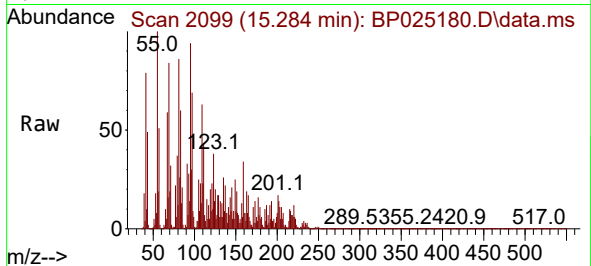




#65
4,6-Dinitro-2-methylphenol
Concen: 10.525 ng
RT: 15.284 min Scan# 2099
Delta R.T. 0.036 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

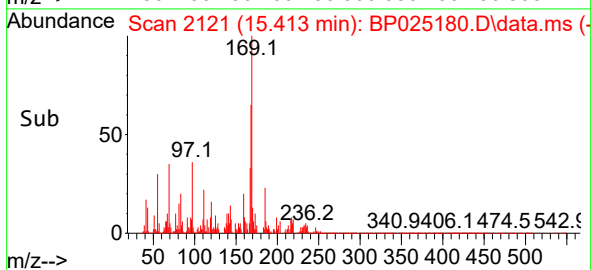
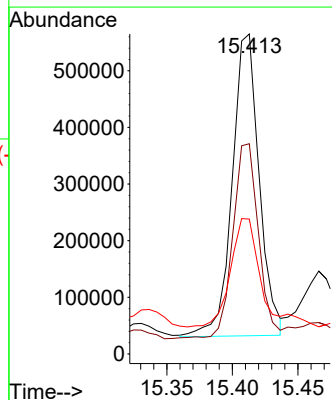
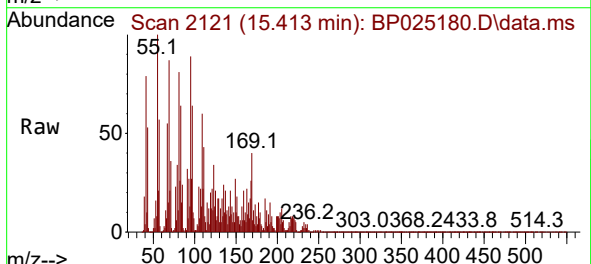
Instrument :
BNA_P
ClientSampleId :
2819MS

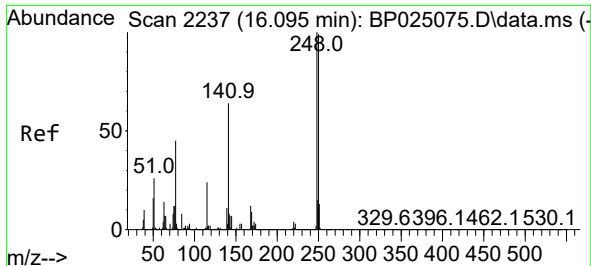
Tgt Ion:198 Resp: 50874
Ion Ratio Lower Upper
198 100
51 170.9 16.8 56.8#
105 939.2 20.8 60.8#



#66
n-Nitrosodiphenylamine
Concen: 13.341 ng
RT: 15.413 min Scan# 2121
Delta R.T. 0.024 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:169 Resp: 762633
Ion Ratio Lower Upper
169 100
168 65.7 54.1 81.1
167 42.1 29.0 43.6

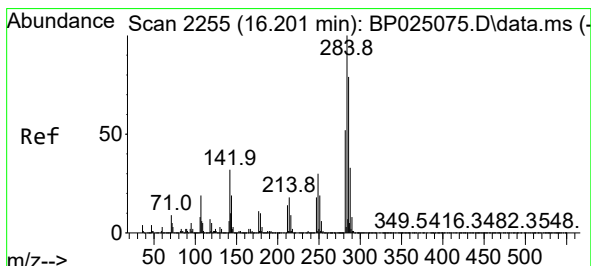
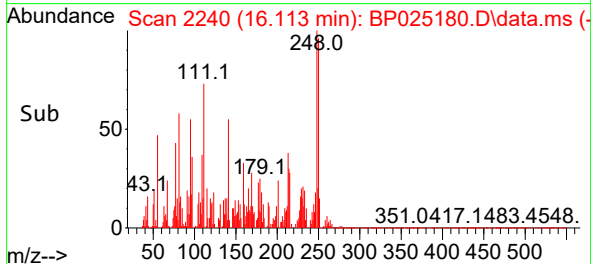
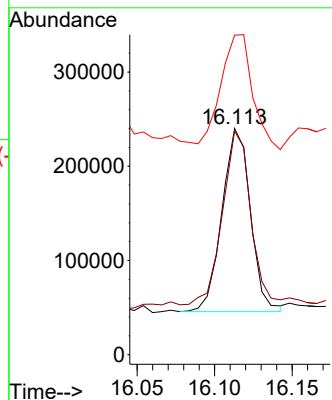
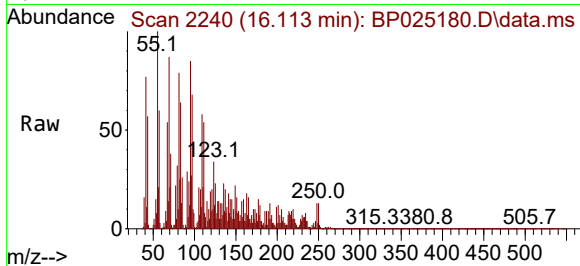




#67
4-Bromophenyl-phenylether
Concen: 12.117 ng
RT: 16.113 min Scan# 211
Delta R.T. 0.018 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

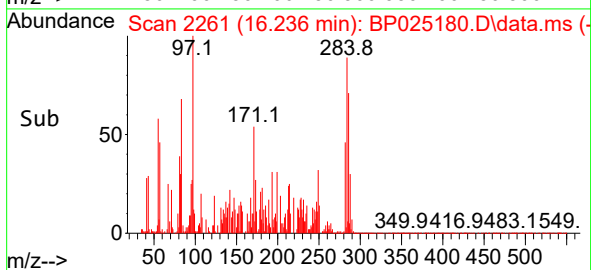
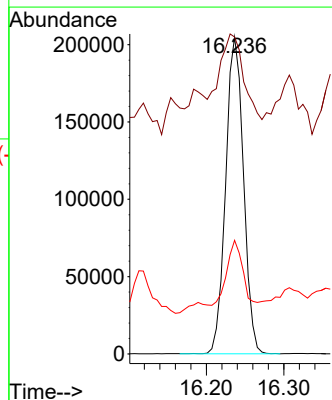
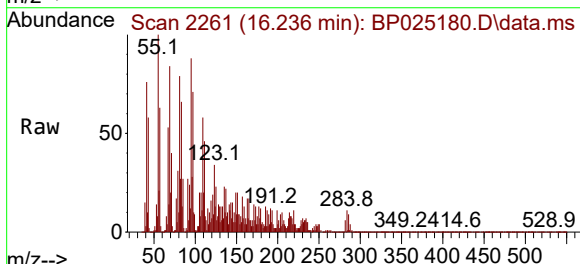
Instrument :
BNA_P
ClientSampleId :
2819MS

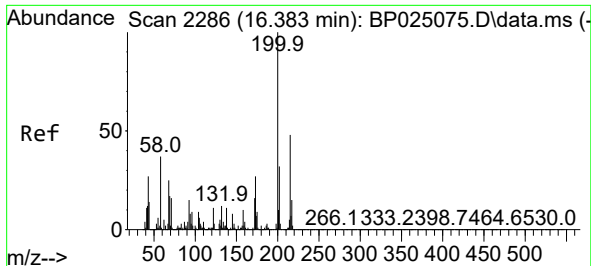
Tgt Ion:248 Resp: 247818
Ion Ratio Lower Upper
248 100
250 98.9 79.4 119.2
141 141.2 51.4 77.0#



#68
Hexachlorobenzene
Concen: 13.085 ng
RT: 16.236 min Scan# 2261
Delta R.T. 0.035 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:284 Resp: 327106
Ion Ratio Lower Upper
284 100
142 100.0 25.9 38.9#
249 35.8 23.8 35.8#

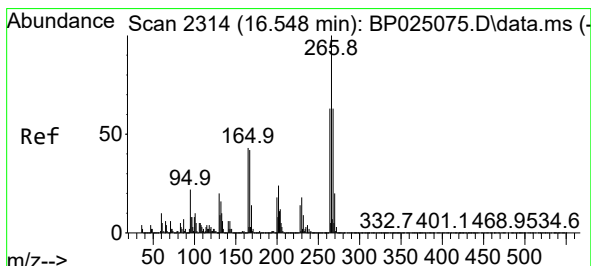
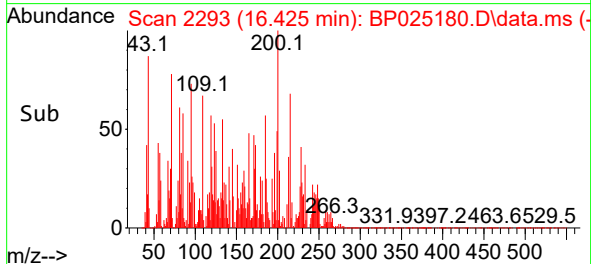
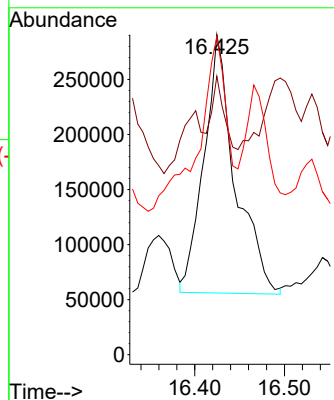
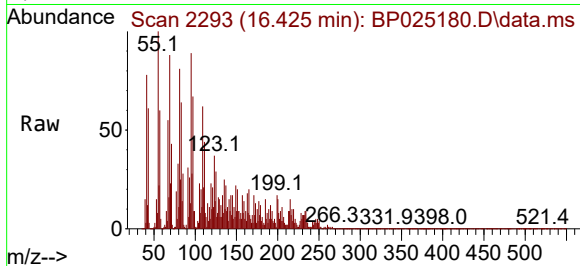




#69
 Atrazine
 Concen: 33.828 ng
 RT: 16.425 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BP025180.D
 Acq: 17 Jul 2025 16:20

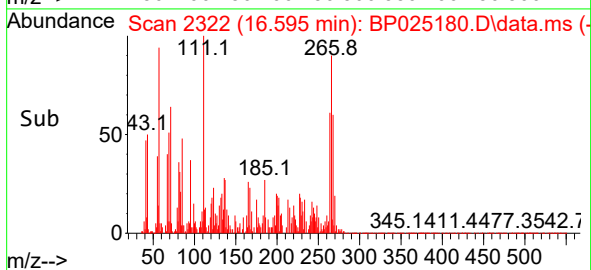
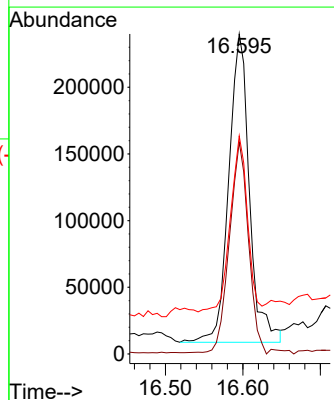
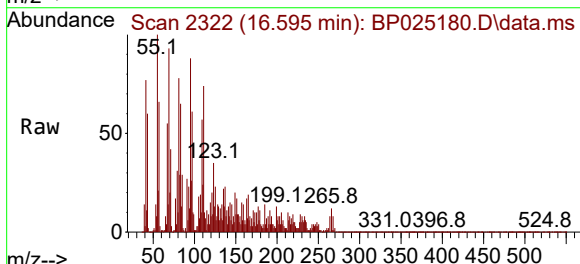
Instrument :
 BNA_P
 ClientSampleId :
 2819MS

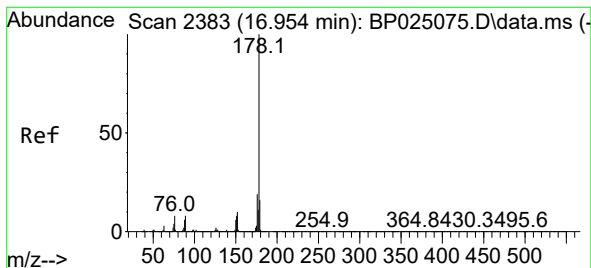
Tgt Ion:200 Resp: 566663
 Ion Ratio Lower Upper
 200 100
 173 87.0 6.6 46.6#
 215 99.4 28.0 68.0#



#70
 Pentachlorophenol
 Concen: 25.435 ng
 RT: 16.595 min Scan# 2322
 Delta R.T. 0.047 min
 Lab File: BP025180.D
 Acq: 17 Jul 2025 16:20

Tgt Ion:266 Resp: 429412
 Ion Ratio Lower Upper
 266 100
 268 66.3 50.4 75.6
 264 68.2 50.2 75.2





#71

Phenanthrene

Concen: 13.163 ng

RT: 16.995 min Scan# 21

Delta R.T. 0.041 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

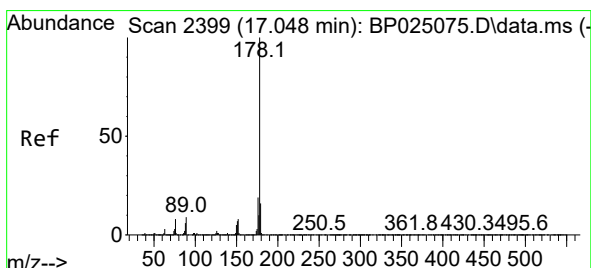
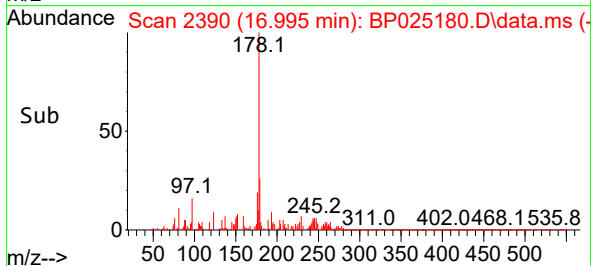
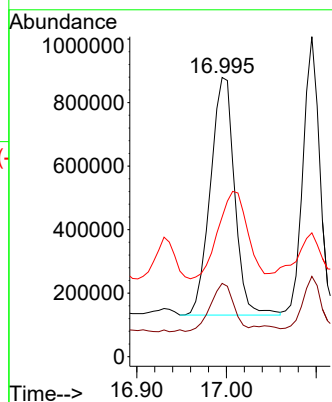
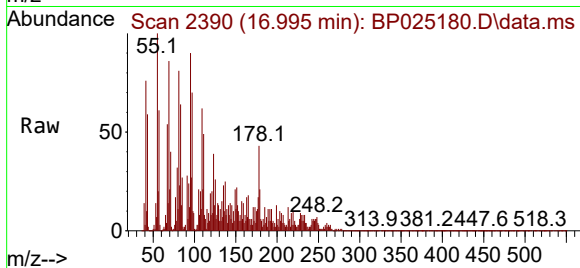
Tgt Ion:178 Resp: 1404917

Ion Ratio Lower Upper

178 100

176 26.3 15.4 23.2#

179 50.0 12.6 19.0#



#72

Anthracene

Concen: 11.152 ng

RT: 17.095 min Scan# 2407

Delta R.T. 0.047 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

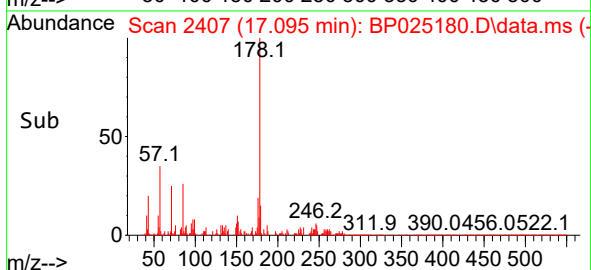
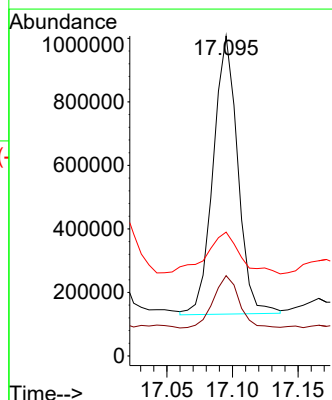
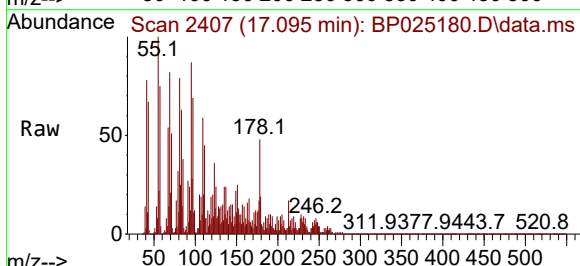
Tgt Ion:178 Resp: 1141907

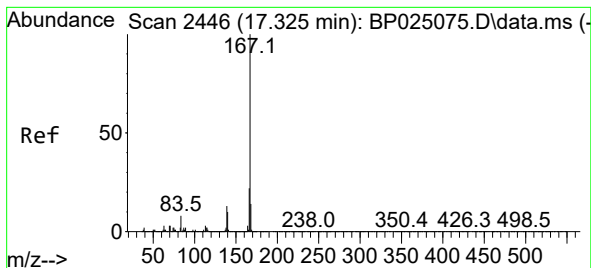
Ion Ratio Lower Upper

178 100

176 25.1 15.0 22.6#

179 38.7 12.5 18.7#





#73

Carbazole

Concen: 9.446 ng

RT: 17.360 min Scan# 2446

Delta R.T. 0.035 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

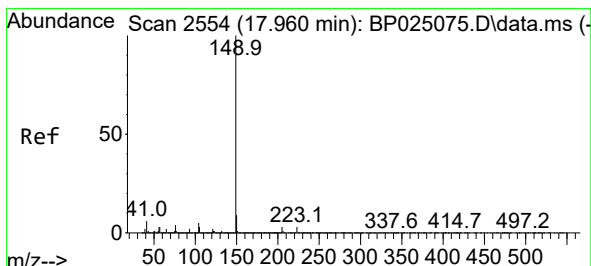
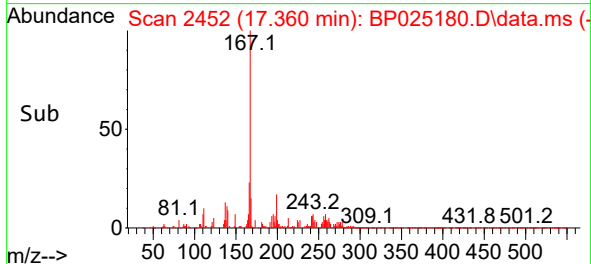
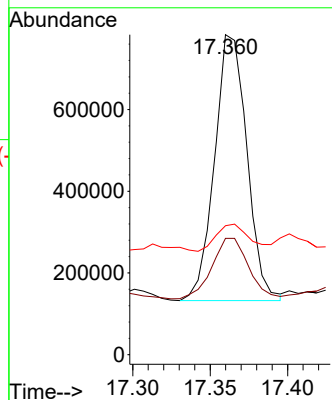
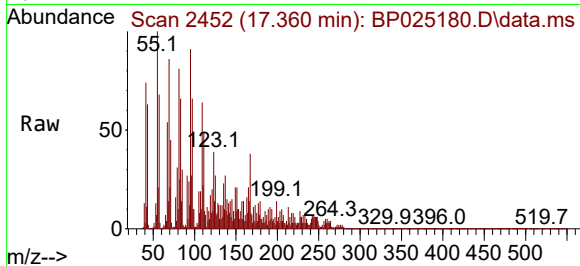
Tgt Ion:167 Resp: 945746

Ion Ratio Lower Upper

167 100

166 36.3 17.4 26.0#

139 40.3 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 11.232 ng

RT: 17.989 min Scan# 2559

Delta R.T. 0.029 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

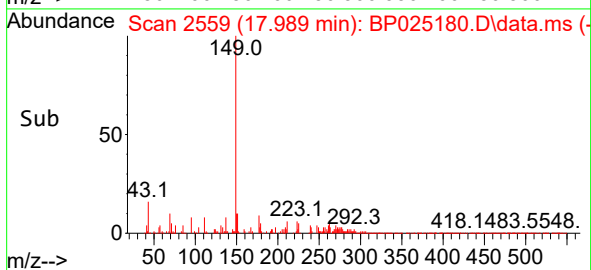
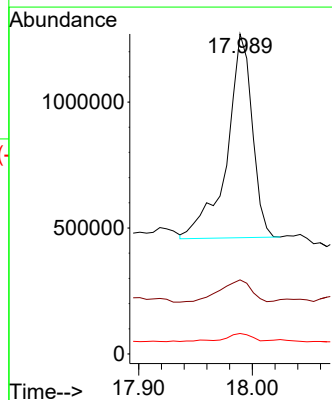
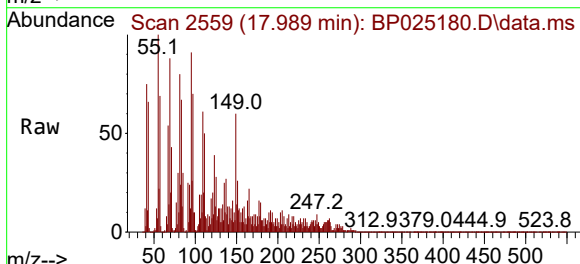
Tgt Ion:149 Resp: 1252233

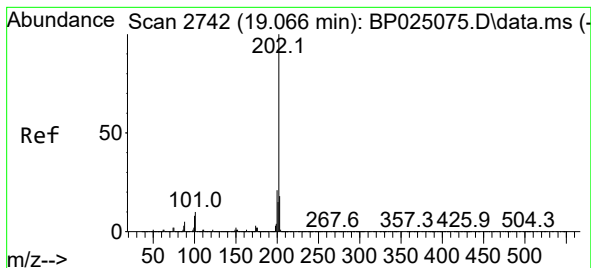
Ion Ratio Lower Upper

149 100

150 23.2 7.3 10.9#

104 6.4 3.8 5.6#





#75

Fluoranthene

Concen: 20.397 ng

RT: 19.113 min Scan# 21

Delta R.T. 0.047 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

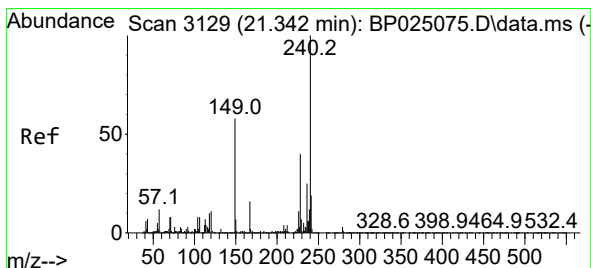
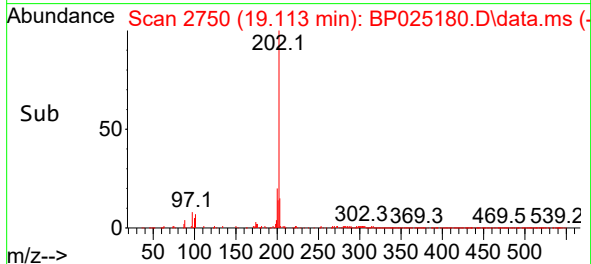
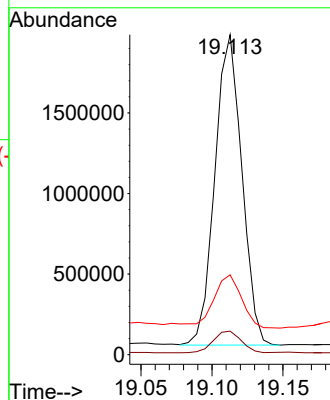
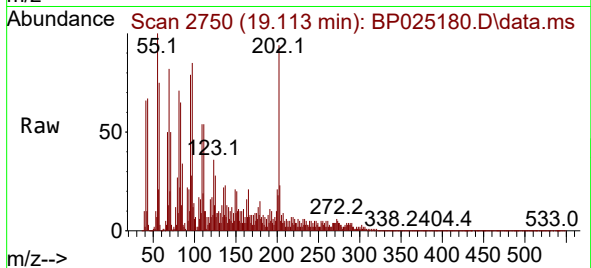
Tgt Ion:202 Resp: 2544769

Ion Ratio Lower Upper

202 100

101 7.4 0.0 30.4

203 24.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.366 min Scan# 3133

Delta R.T. 0.024 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

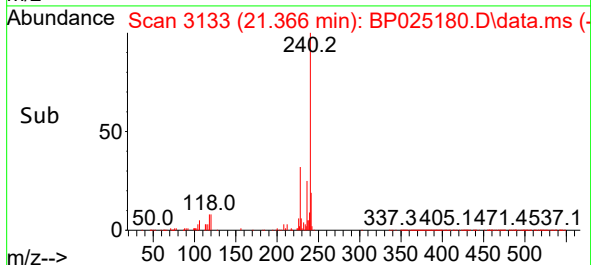
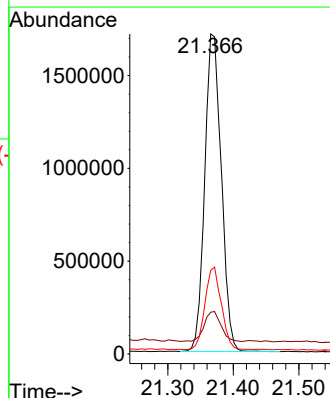
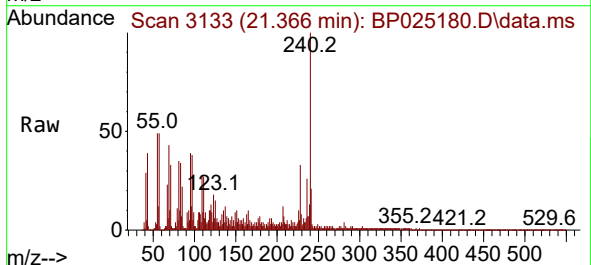
Tgt Ion:240 Resp: 3017832

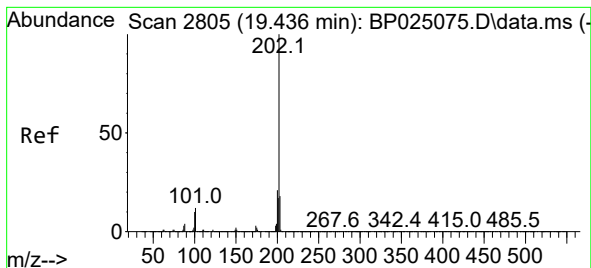
Ion Ratio Lower Upper

240 100

120 13.1 9.0 13.4

236 26.2 20.3 30.5





#78

Pyrene

Concen: 14.151 ng

RT: 19.489 min Scan# 2814

Delta R.T. 0.053 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

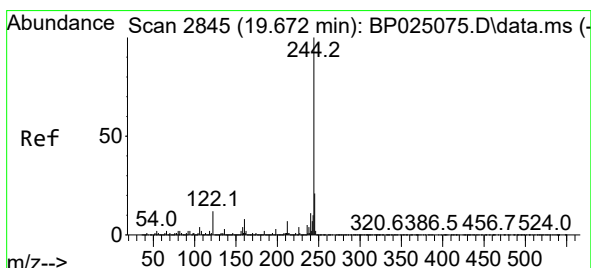
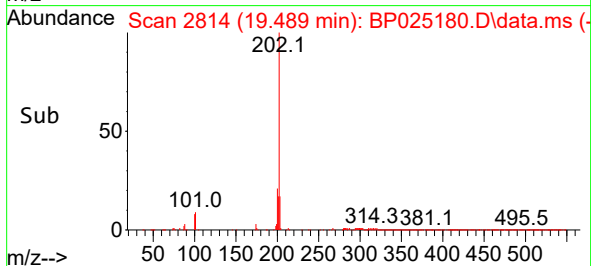
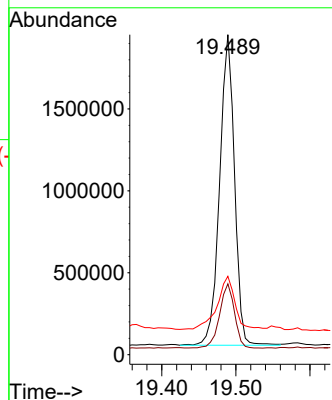
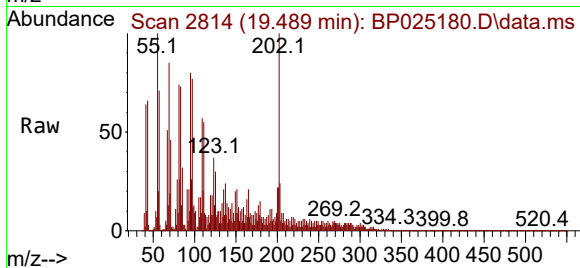
Tgt Ion:202 Resp: 2645061

Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

203 24.5 14.1 21.1#



#79

Terphenyl-d14

Concen: 12.364 ng

RT: 19.707 min Scan# 2851

Delta R.T. 0.035 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

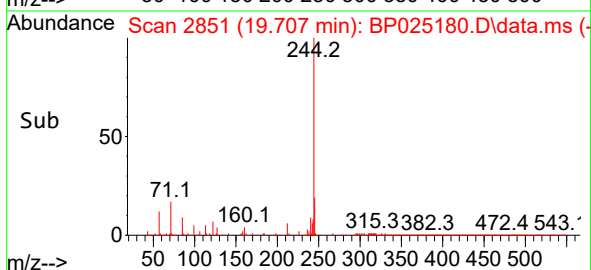
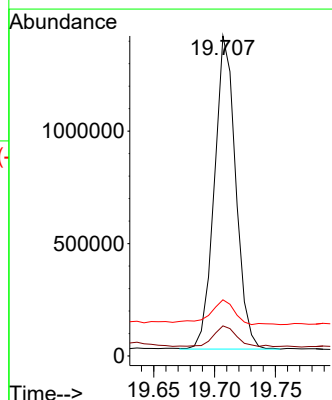
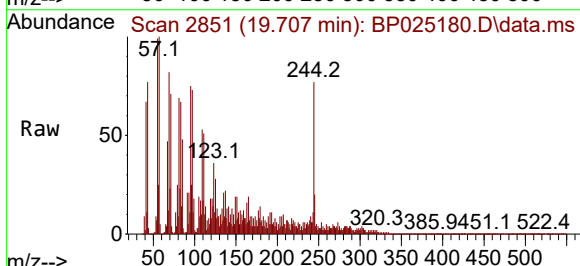
Tgt Ion:244 Resp: 1697795

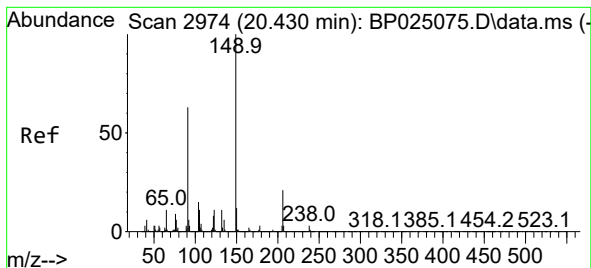
Ion Ratio Lower Upper

244 100

212 9.4 5.9 8.9#

122 17.6 9.4 14.2#





#80

Butylbenzylphthalate

Concen: 12.577 ng

RT: 20.448 min Scan# 2974

Delta R.T. 0.018 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

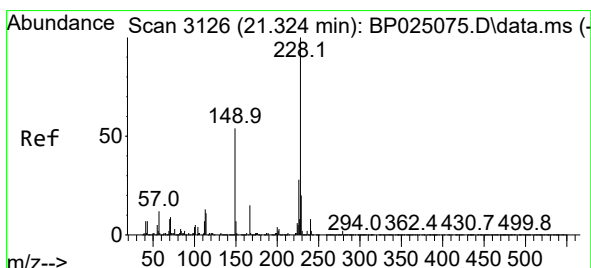
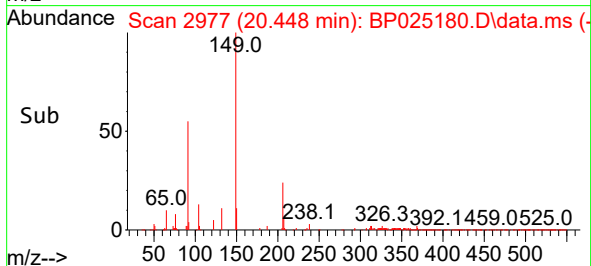
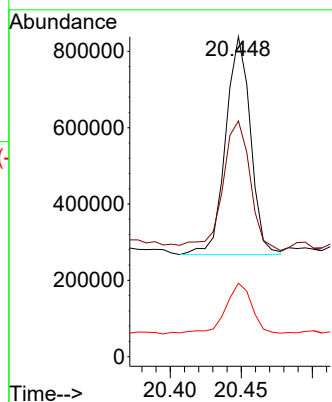
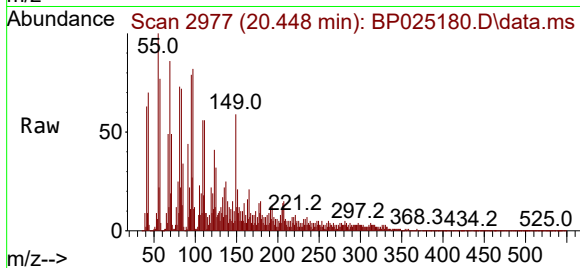
Tgt Ion:149 Resp: 693817

Ion Ratio Lower Upper

149 100

91 73.6 50.6 76.0

206 22.9 17.2 25.8



#81

Benzo(a)anthracene

Concen: 13.008 ng

RT: 21.354 min Scan# 3131

Delta R.T. 0.029 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

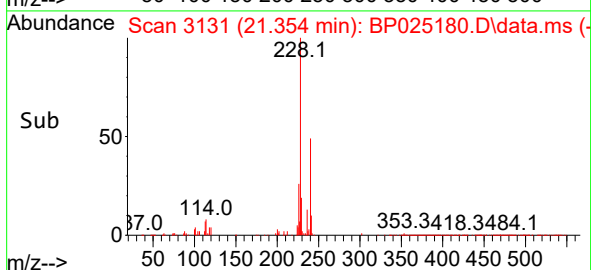
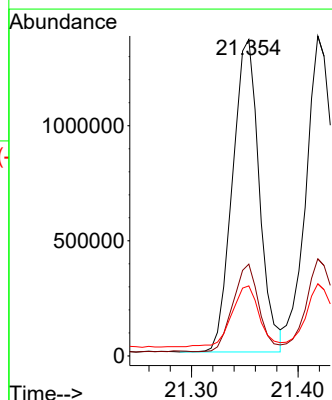
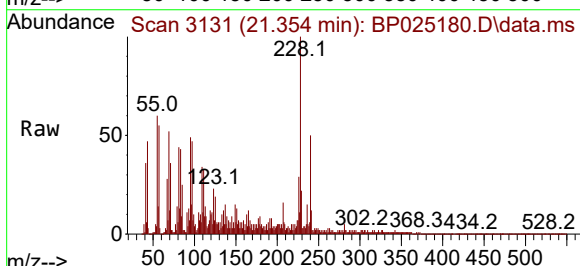
Tgt Ion:228 Resp: 2378903

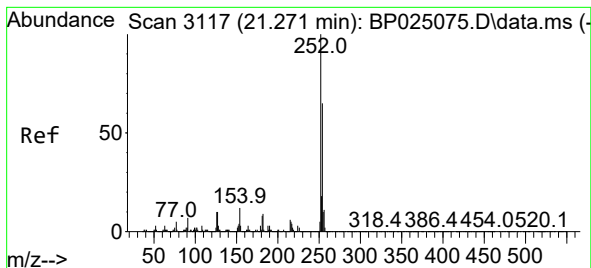
Ion Ratio Lower Upper

228 100

226 29.0 22.1 33.1

229 22.2 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 7.160 ng

RT: 21.283 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

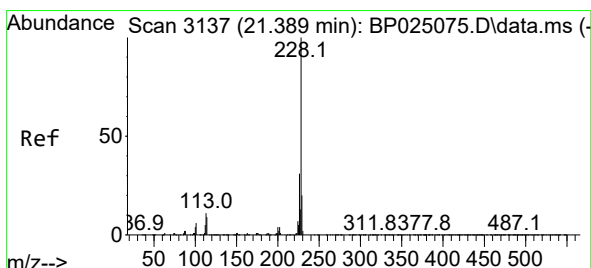
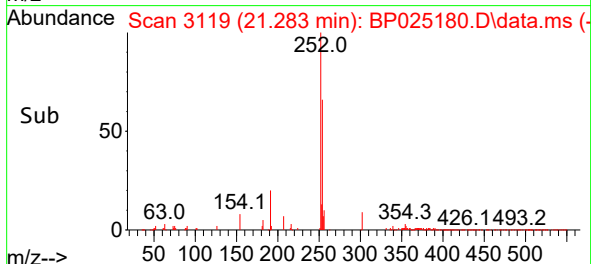
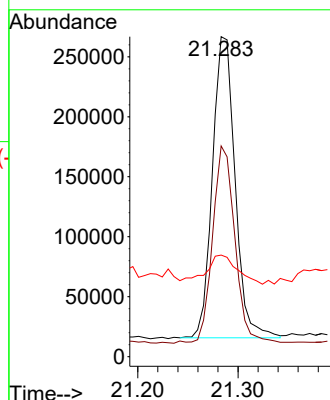
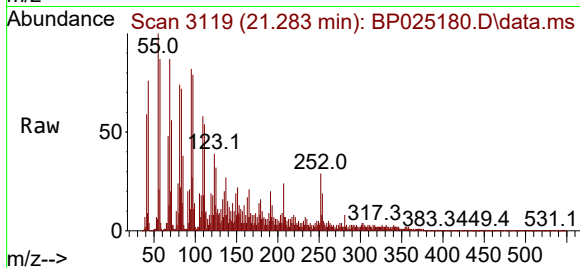
Tgt Ion:252 Resp: 394222

Ion Ratio Lower Upper

252 100

254 65.9 51.9 77.9

126 31.8 8.1 12.1#



#83

Chrysene

Concen: 13.776 ng

RT: 21.418 min Scan# 3142

Delta R.T. 0.029 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

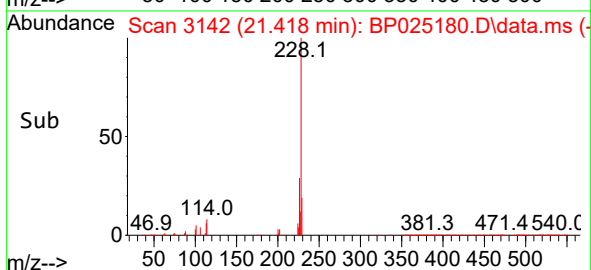
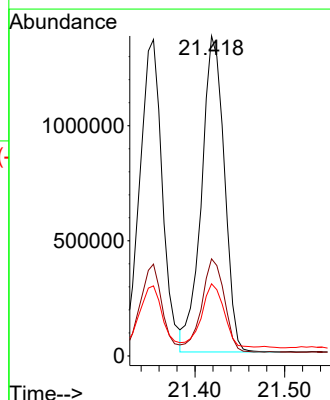
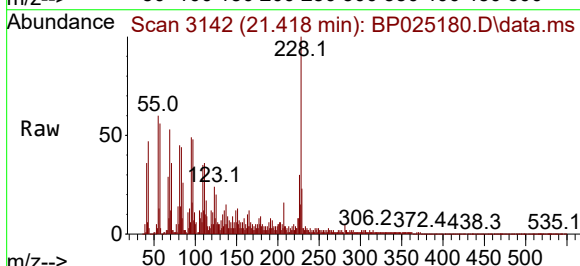
Tgt Ion:228 Resp: 2424504

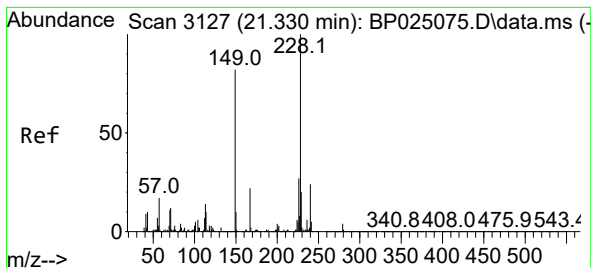
Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 22.5 16.0 24.0

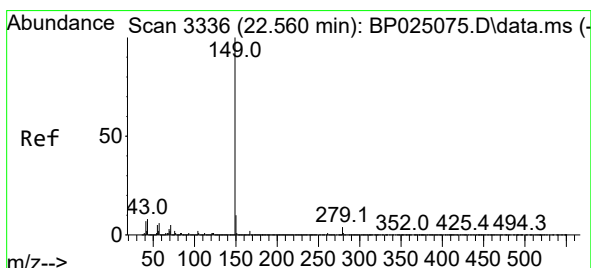
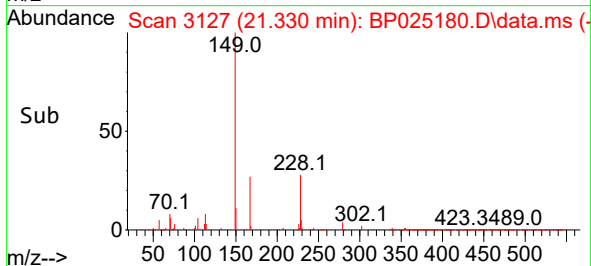
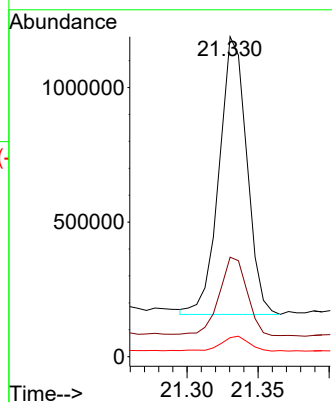
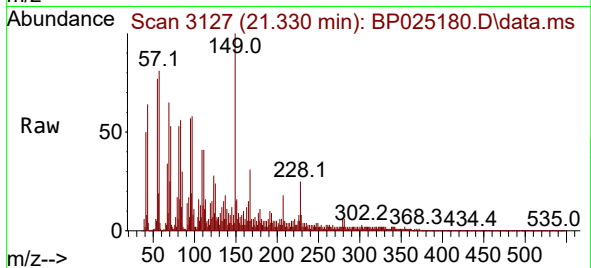




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.259 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

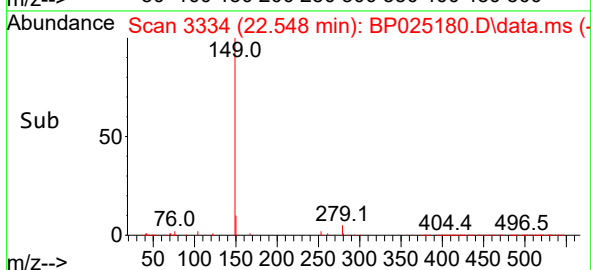
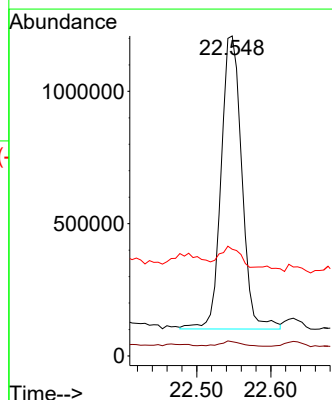
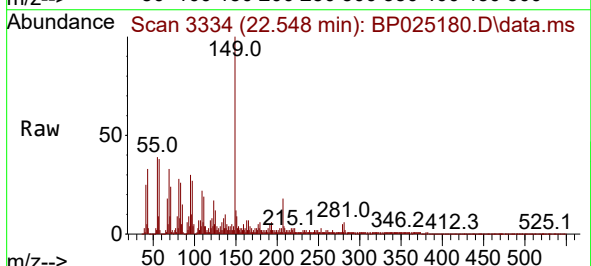
Instrument :
BNA_P
ClientSampleId :
2819MS

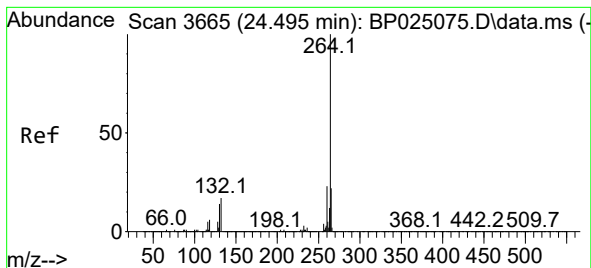
Tgt Ion:149 Resp: 1398747
Ion Ratio Lower Upper
149 100
167 31.1 21.9 32.9
279 5.9 3.5 5.3#



#85
Di-n-octyl phthalate
Concen: 16.558 ng
RT: 22.548 min Scan# 3334
Delta R.T. -0.012 min
Lab File: BP025180.D
Acq: 17 Jul 2025 16:20

Tgt Ion:149 Resp: 2155244
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 6.6 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.512 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

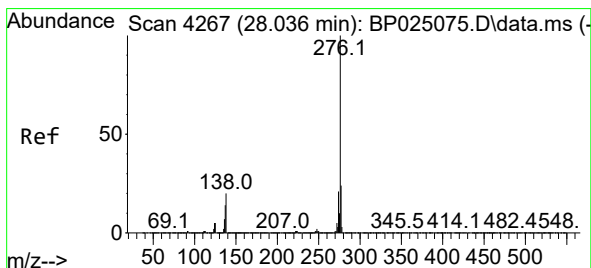
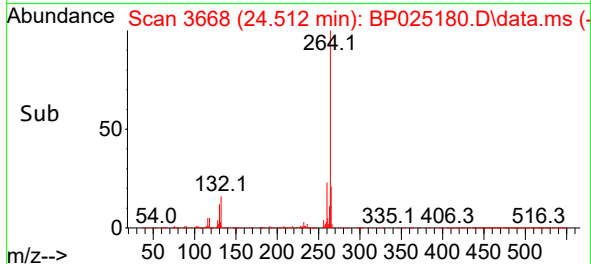
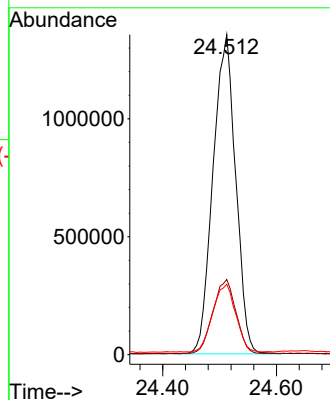
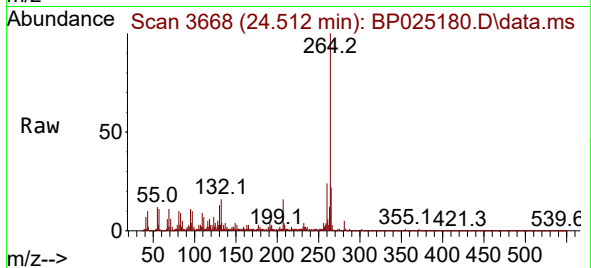
Tgt Ion:264 Resp: 3743826

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.0 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 12.588 ng

RT: 28.065 min Scan# 4272

Delta R.T. 0.029 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

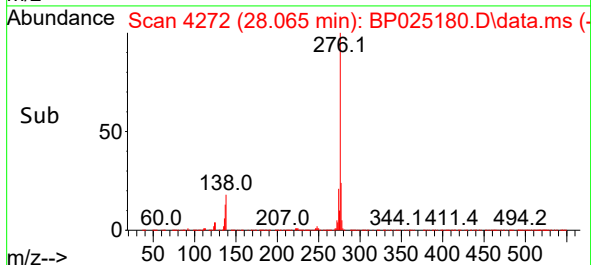
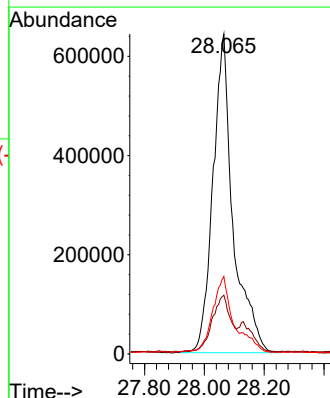
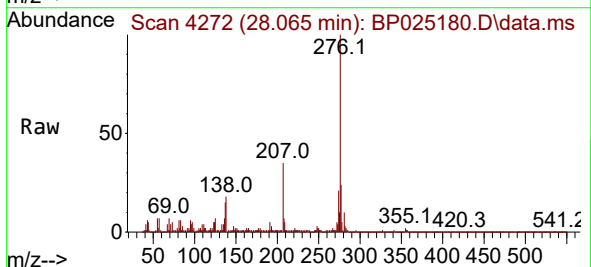
Tgt Ion:276 Resp: 3002213

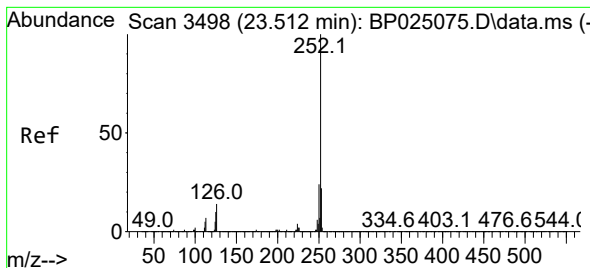
Ion Ratio Lower Upper

276 100

138 16.1 13.0 19.6

277 25.4 15.9 23.9#





#88

Benzo(b)fluoranthene

Concen: 13.530 ng

RT: 23.536 min Scan# 3502

Delta R.T. 0.024 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

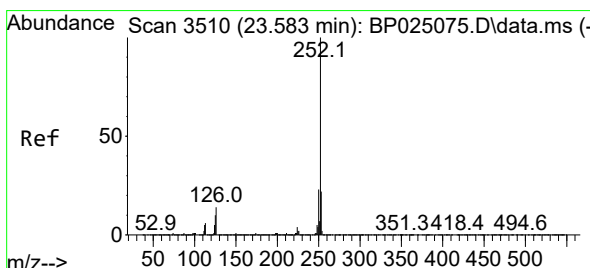
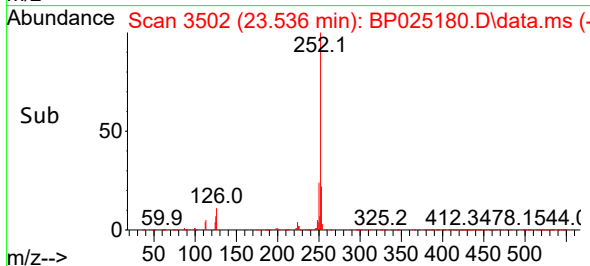
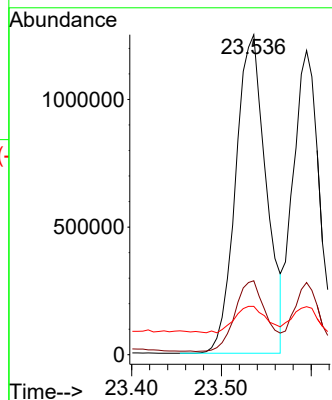
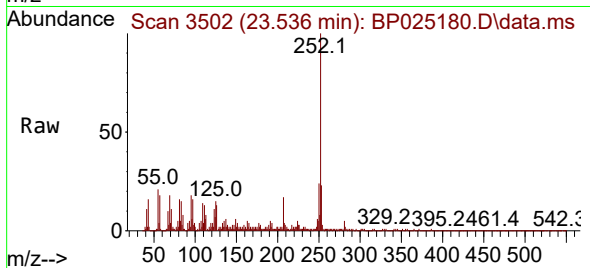
Tgt Ion:252 Resp: 2948301

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 15.1 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 11.100 ng

RT: 23.595 min Scan# 3512

Delta R.T. 0.012 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

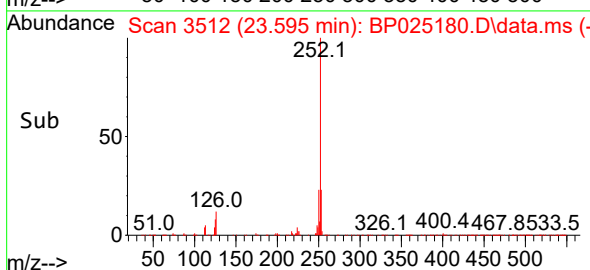
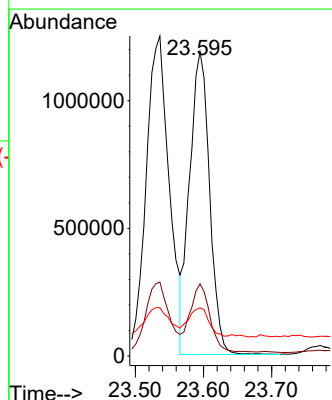
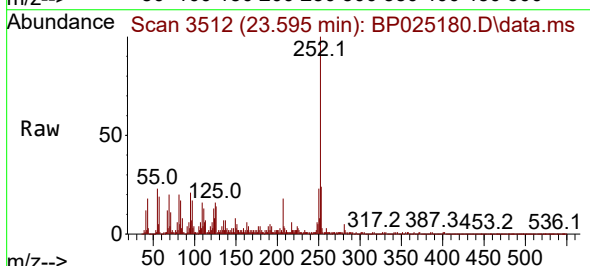
Tgt Ion:252 Resp: 2406629

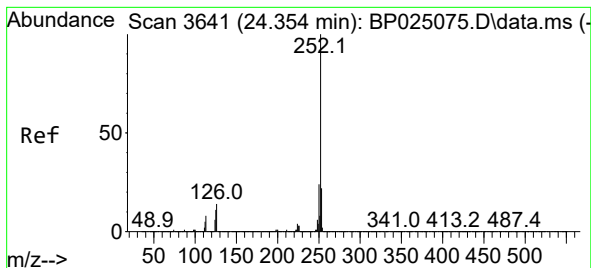
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 15.8 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 13.254 ng

RT: 24.365 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS

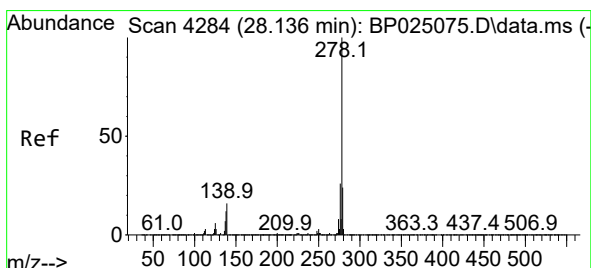
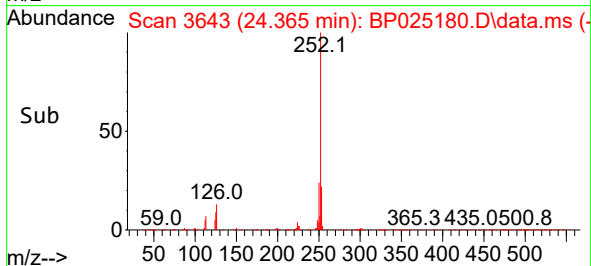
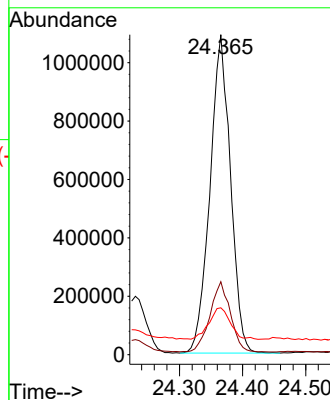
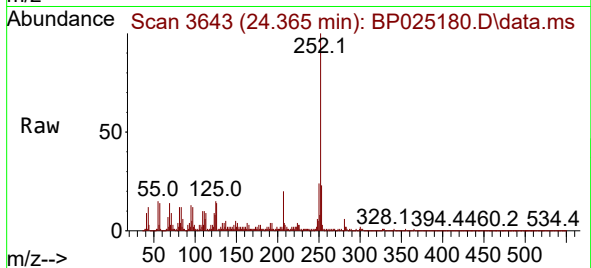
Tgt Ion:252 Resp: 2458202

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 14.7 9.0 13.4#



#91

Dibenzo(a,h)anthracene

Concen: 10.936 ng

RT: 28.130 min Scan# 4283

Delta R.T. -0.006 min

Lab File: BP025180.D

Acq: 17 Jul 2025 16:20

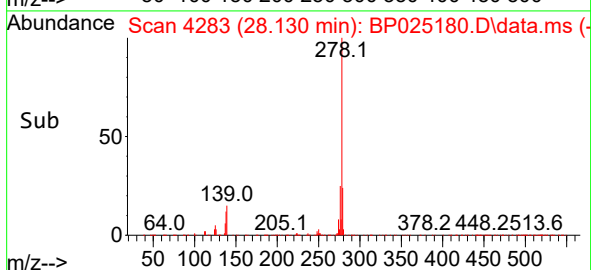
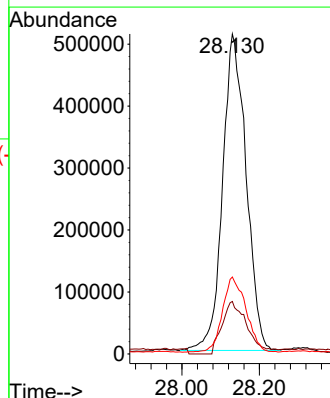
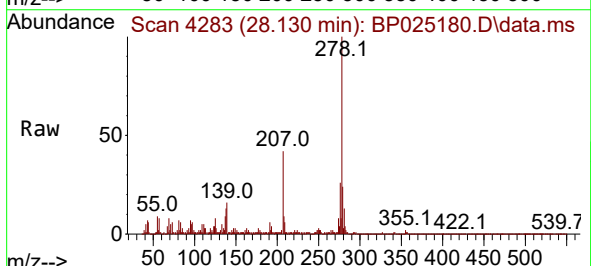
Tgt Ion:278 Resp: 2156036

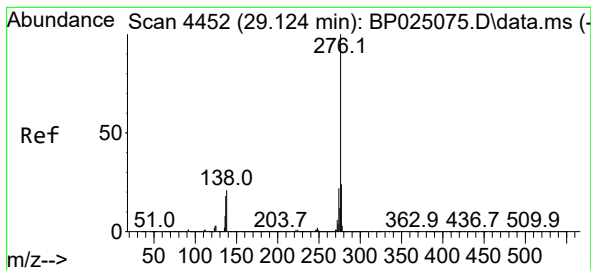
Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

279 24.1 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 12.220 ng

RT: 29.147 min Scan# 44

Delta R.T. 0.024 min

Lab File: BP025180.D

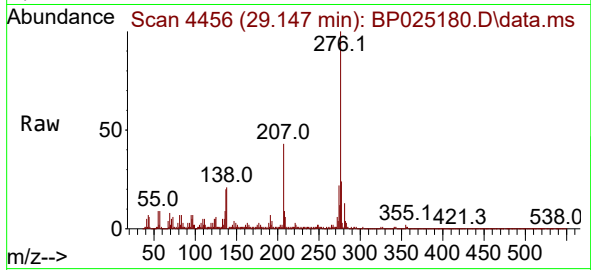
Acq: 17 Jul 2025 16:20

Instrument :

BNA_P

ClientSampleId :

2819MS



Tgt Ion:276 Resp: 2488652

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 20.9 16.9 25.3

