

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025019.D
 Acq On : 20 Jun 2025 15:40
 Operator : RC/JU
 Sample : Q2362-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11MS

Quant Time: Jun 20 16:15:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	314066	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1107530	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	619763	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1115890	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1307203	20.000	ng	0.01
86) Perylene-d12	24.771	264	1598166	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1710380	90.903	ng	0.00
7) Phenol-d6	6.814	99	2099558	84.338	ng	0.00
23) Nitrobenzene-d5	8.761	82	1249755	54.833	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	863504	100.776	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2702854	58.749	ng	0.00
79) Terphenyl-d14	19.783	244	4099949	56.213	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	338111	40.840	ng	99
3) Pyridine	3.561	79	849674	42.675	ng	100
4) n-Nitrosodimethylamine	3.478	42	344161	42.281	ng	97
6) Aniline	6.949	93	703770	22.152	ng	99
8) 2-Chlorophenol	7.184	128	944584	44.285	ng	98
9) Benzaldehyde	6.761	77	611796	42.637	ng	98
10) Phenol	6.843	94	1081913	42.157	ng	97
11) bis(2-Chloroethyl)ether	7.037	93	860610	42.636	ng	99
12) 1,3-Dichlorobenzene	7.490	146	1064142	44.722	ng	98
13) 1,4-Dichlorobenzene	7.637	146	1075844	44.810	ng	99
14) 1,2-Dichlorobenzene	7.949	146	1023943	43.431	ng	100
15) Benzyl Alcohol	7.855	79	758719	39.711	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.119	45	1038667	39.315	ng	99
17) 2-Methylphenol	8.066	107	723149	40.351	ng	97
18) Hexachloroethane	8.661	117	395086	43.709	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	625632	36.968	ng	98
20) 3+4-Methylphenols	8.396	107	954469	39.037	ng	96
22) Acetophenone	8.425	105	1299329	46.434	ng	# 98
24) Nitrobenzene	8.802	77	935312	46.193	ng	96
25) Isophorone	9.319	82	1668834	42.248	ng	99
26) 2-Nitrophenol	9.508	139	489536	49.000	ng	95
27) 2,4-Dimethylphenol	9.578	122	776541	45.417	ng	97
28) bis(2-Chloroethoxy)met...	9.796	93	1048172	44.484	ng	98
29) 2,4-Dichlorophenol	10.060	162	789187	48.104	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	897231	48.488	ng	98
31) Naphthalene	10.425	128	2631462	46.364	ng	100
32) Benzoic acid	9.784	122	526715	45.586	ng	97
33) 4-Chloroaniline	10.560	127	368791	15.509	ng	98
34) Hexachlorobutadiene	10.702	225	565332	50.691	ng	99
35) Caprolactam	11.366	113	237589	39.343	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	799913	42.272	ng	98
37) 2-Methylnaphthalene	12.043	142	1627490	45.205	ng	99
38) 1-Methylnaphthalene	12.266	142	1696023	44.064	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	932635	53.033	ng	99
41) Hexachlorocyclopentadiene	12.384	237	994273	92.694	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	588835	49.858	ng	98

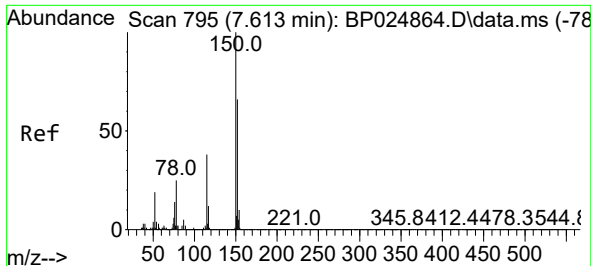
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	643836	50.904	ng	98
46) 1,1'-Biphenyl	13.066	154	2246623	49.881	ng	100
47) 2-Chloronaphthalene	13.113	162	1729014	49.947	ng	100
48) 2-Nitroaniline	13.343	65	467974	43.973	ng	90
49) Acenaphthylene	13.966	152	2737145	47.422	ng	100
50) Dimethylphthalate	13.713	163	2065876	45.187	ng	100
51) 2,6-Dinitrotoluene	13.837	165	447248	45.378	ng	99
52) Acenaphthene	14.313	154	1566604	47.366	ng	99
53) 3-Nitroaniline	14.190	138	187571	18.339	ng	96
54) 2,4-Dinitrophenol	14.419	184	576534	89.149	ng	93
55) Dibenzofuran	14.654	168	2471302	46.549	ng	99
56) 4-Nitrophenol	14.560	139	605984	70.660	ng	95
57) 2,4-Dinitrotoluene	14.648	165	636726	46.183	ng	95
58) Fluorene	15.319	166	1965851	45.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	545008	48.228	ng	96
60) Diethylphthalate	15.095	149	2055851	45.120	ng	100
61) 4-Chlorophenyl-phenyle...	15.307	204	985894	47.014	ng	98
62) 4-Nitroaniline	15.372	138	419161	45.197	ng	91
63) Azobenzene	15.607	77	2057974	49.247	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	371607	50.680	ng	99
66) n-Nitrosodiphenylamine	15.537	169	1701400	49.191	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	639479	50.789	ng	98
68) Hexachlorobenzene	16.348	284	781431	51.195	ng	96
69) Atrazine	16.519	200	621153	49.539	ng	100
70) Pentachlorophenol	16.719	266	947048	119.883	ng	100
71) Phenanthrene	17.095	178	2978389	48.299	ng	99
72) Anthracene	17.189	178	3059345	48.986	ng	99
73) Carbazole	17.484	167	2831253	48.909	ng	100
74) Di-n-butylphthalate	18.060	149	3600244	50.197	ng	99
75) Fluoranthene	19.189	202	3532449	49.423	ng	99
77) Benzidine	19.395	184	1730199	42.736	ng	100
78) Pyrene	19.572	202	3643851	44.619	ng	99
80) Butylbenzylphthalate	20.519	149	1736449	46.420	ng	93
81) Benzo(a)anthracene	21.477	228	3955338	47.309	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	915838	27.592	ng	99
83) Chrysene	21.542	228	3791713	47.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	2630585	49.082	ng	99
85) Di-n-octyl phthalate	22.648	149	4770428	50.497	ng	98
87) Indeno(1,2,3-cd)pyrene	28.501	276	5874356	50.378	ng	99
88) Benzo(b)fluoranthene	23.736	252	4382131	47.911	ng	99
89) Benzo(k)fluoranthene	23.801	252	4489669	48.223	ng	99
90) Benzo(a)pyrene	24.613	252	4336029	48.544	ng	100
91) Dibenzo(a,h)anthracene	28.554	278	4794044	50.509	ng	100
92) Benzo(g,h,i)perylene	29.648	276	4730729	50.234	ng	99

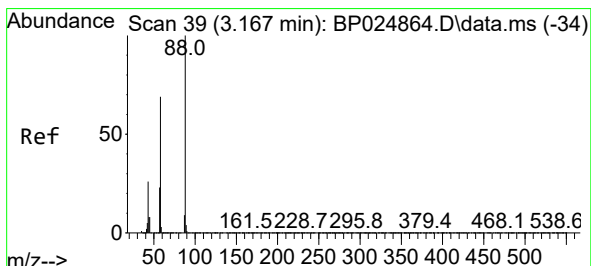
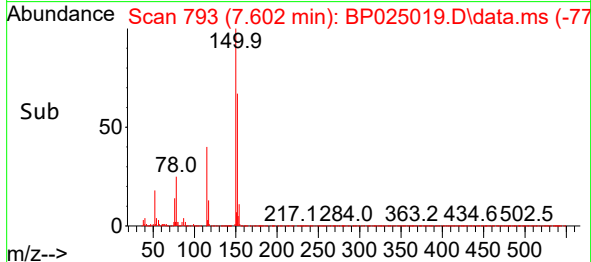
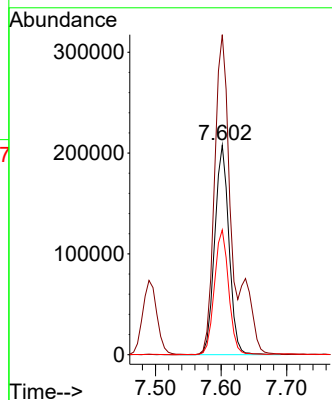
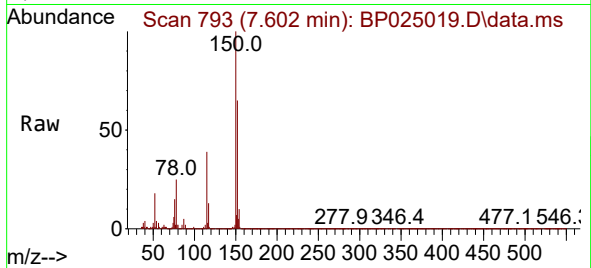
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP025019.D
 Acq: 20 Jun 2025 15:40

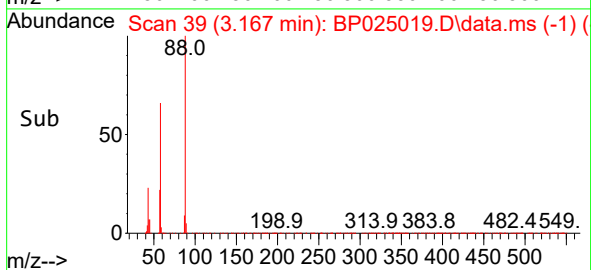
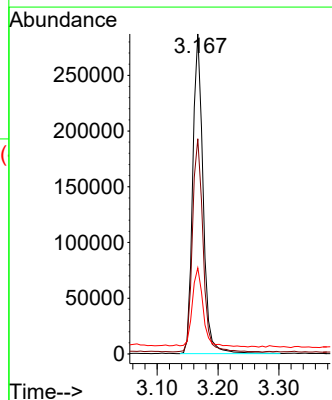
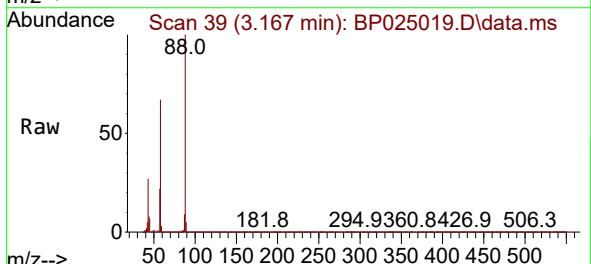
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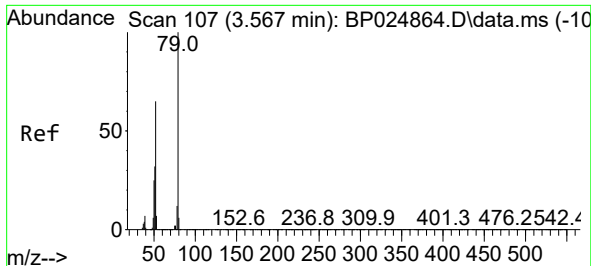
Tgt Ion:152 Resp: 314066
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.1 183.1
 115 59.6 46.4 69.6



#2
 1,4-Dioxane
 Concen: 40.840 ng
 RT: 3.167 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BP025019.D
 Acq: 20 Jun 2025 15:40

Tgt Ion: 88 Resp: 338111
 Ion Ratio Lower Upper
 88 100
 58 68.4 55.4 83.0
 43 25.9 20.8 31.2

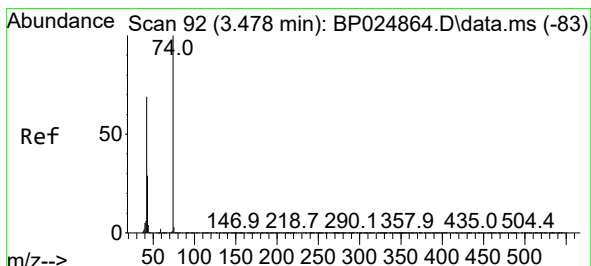
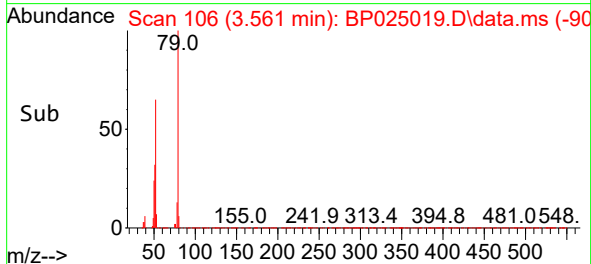
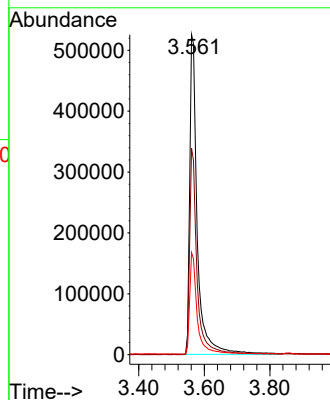
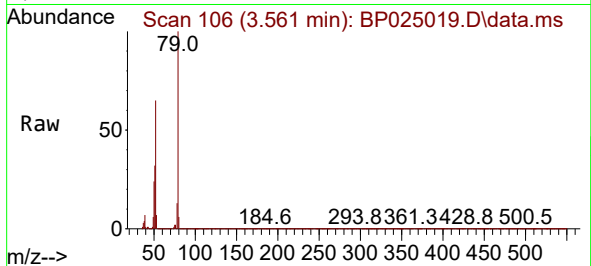




#3
Pyridine
Concen: 42.675 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

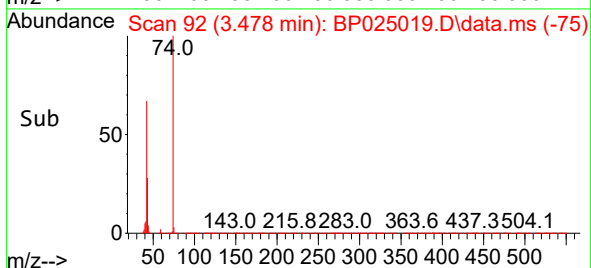
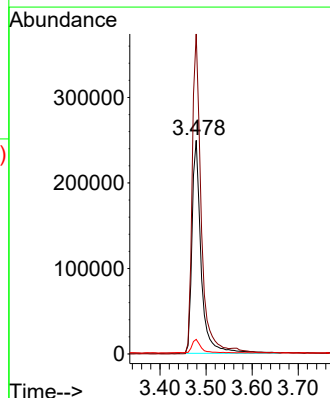
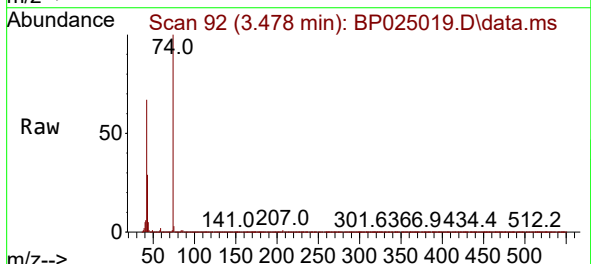
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TP-11MS

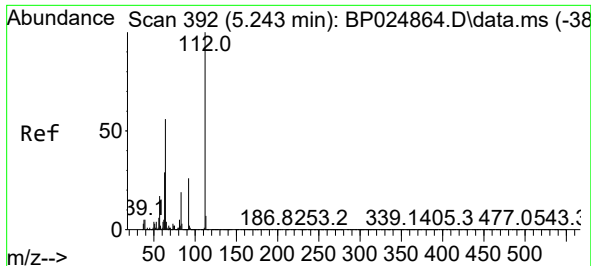
Tgt Ion: 79 Resp: 849674
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 31.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 42.281 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 42 Resp: 344161
Ion Ratio Lower Upper
42 100
74 149.8 116.6 174.8
44 6.8 5.4 8.0

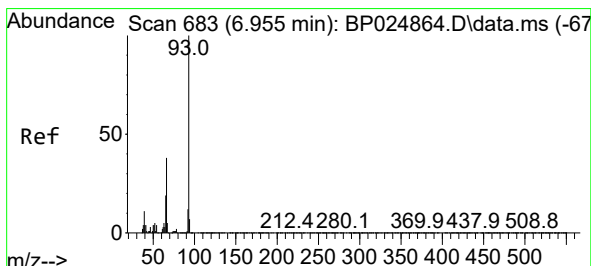
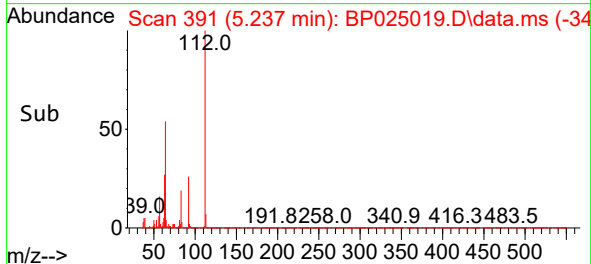
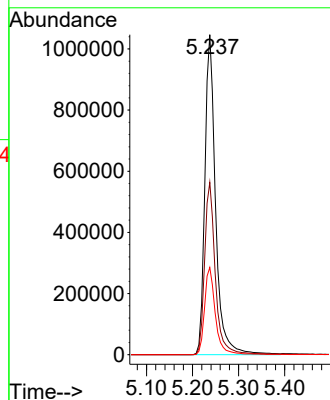
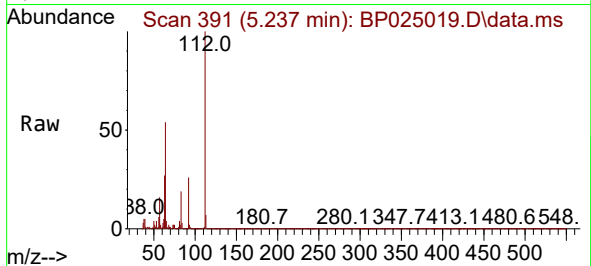




#5
2-Fluorophenol
Concen: 90.903 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

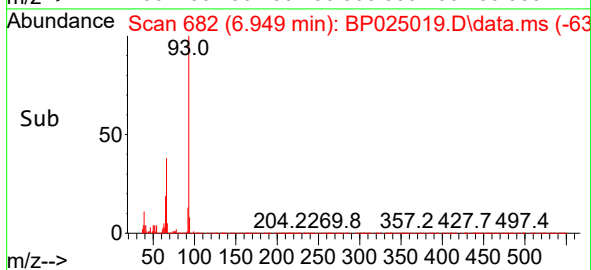
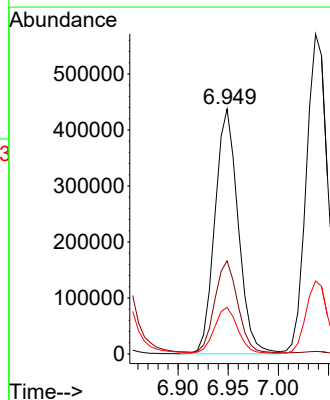
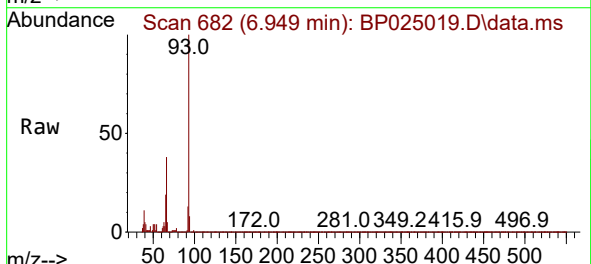
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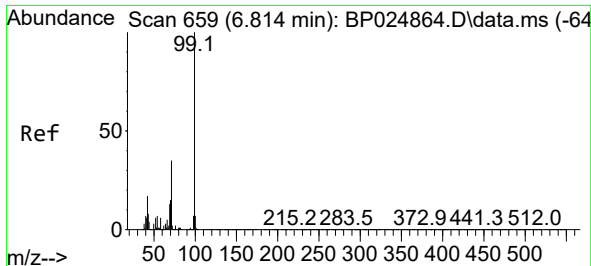
Tgt Ion:112 Resp: 1710380
Ion Ratio Lower Upper
112 100
64 53.9 44.7 67.1
63 27.3 23.5 35.3



#6
Aniline
Concen: 22.152 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 93 Resp: 703770
Ion Ratio Lower Upper
93 100
66 38.0 30.9 46.3
65 19.0 15.5 23.3

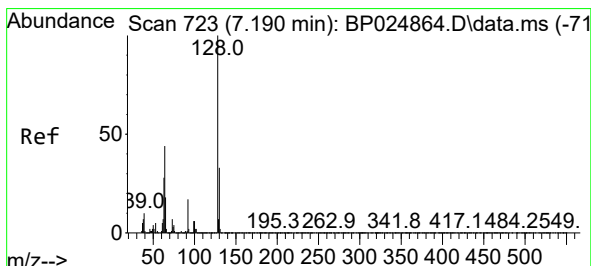
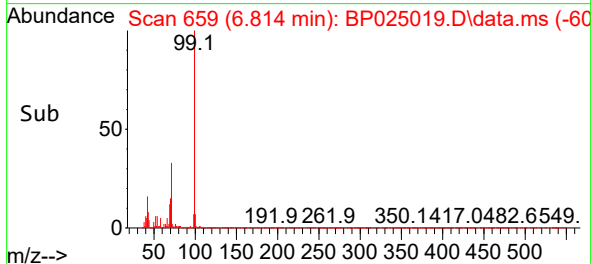
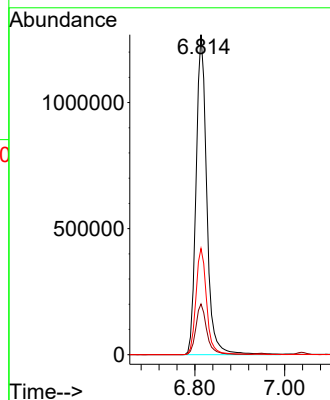
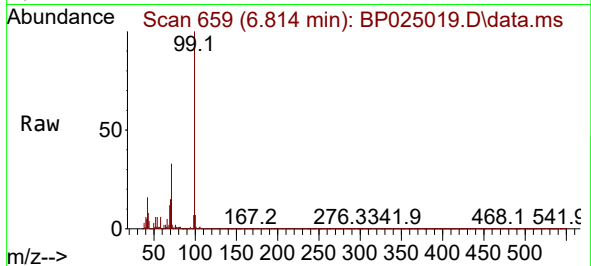




#7
Phenol-d6
Concen: 84.338 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

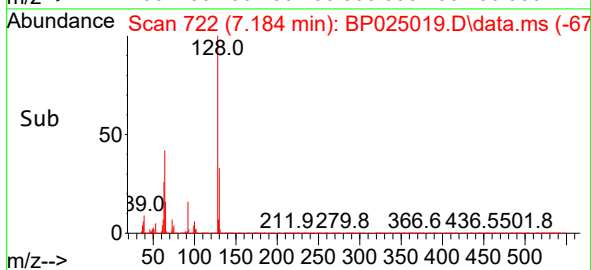
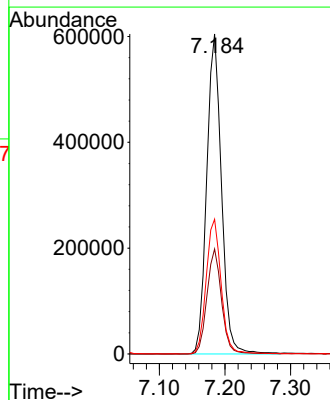
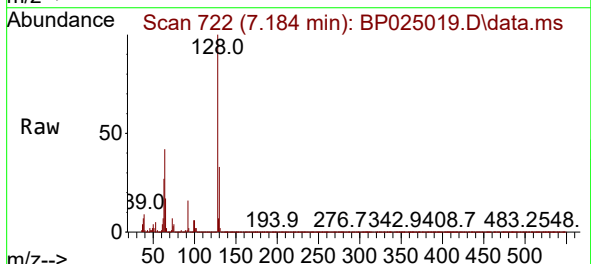
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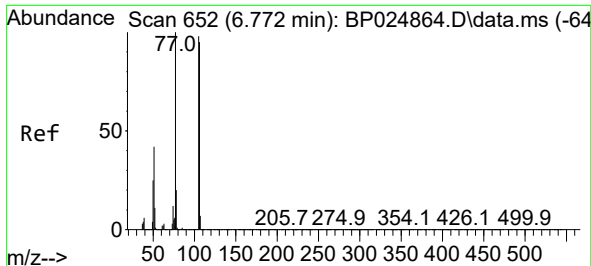
Tgt Ion: 99 Resp: 2099558
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 33.2 27.6 41.4



#8
2-Chlorophenol
Concen: 44.285 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 128 Resp: 944584
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 42.1 24.1 64.1

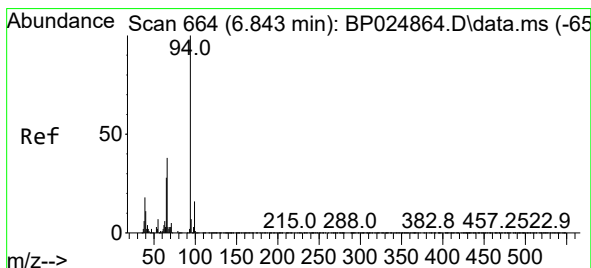
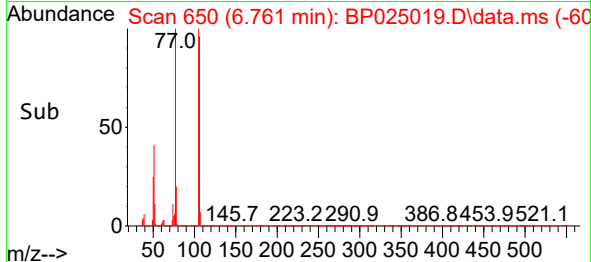
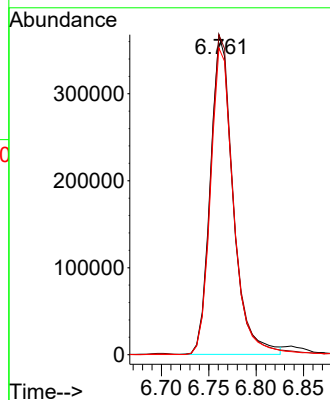
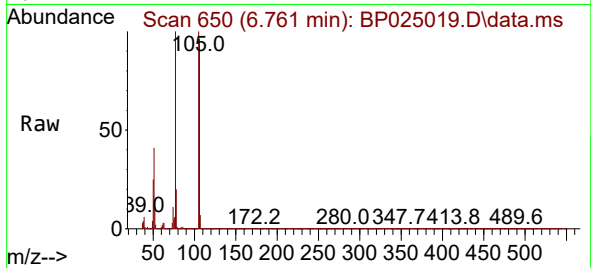




#9
Benzaldehyde
Concen: 42.637 ng
RT: 6.761 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

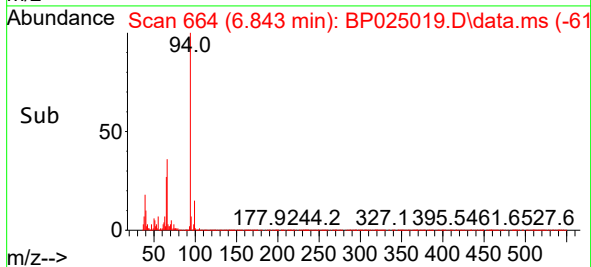
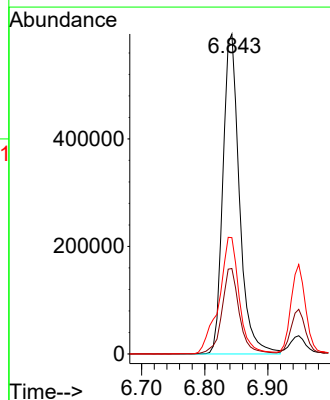
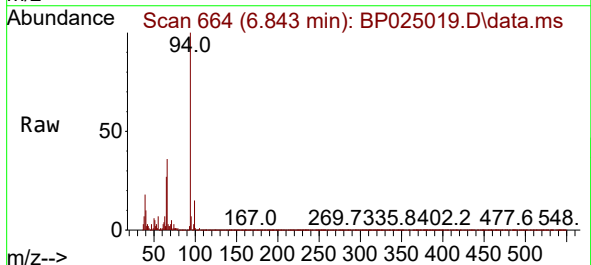
Instrument :
BNA_P
ClientSampleId :
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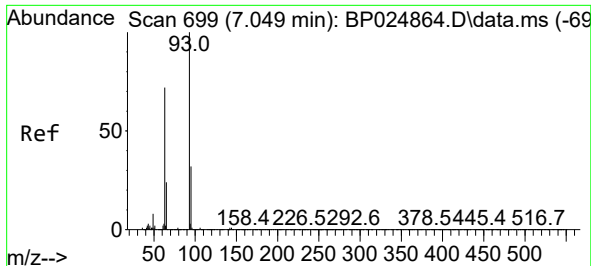
Tgt Ion: 77 Resp: 611796
Ion Ratio Lower Upper
77 100
105 100.1 77.7 117.7
106 95.9 74.8 114.8



#10
Phenol
Concen: 42.157 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 94 Resp: 1081913
Ion Ratio Lower Upper
94 100
65 26.7 8.3 48.3
66 36.4 18.2 58.2

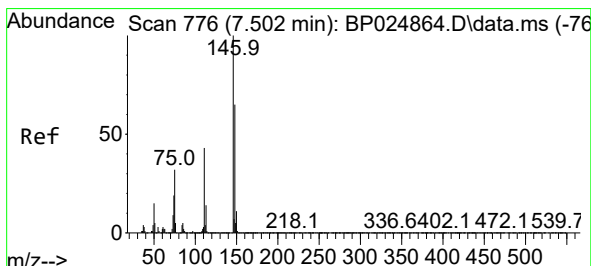
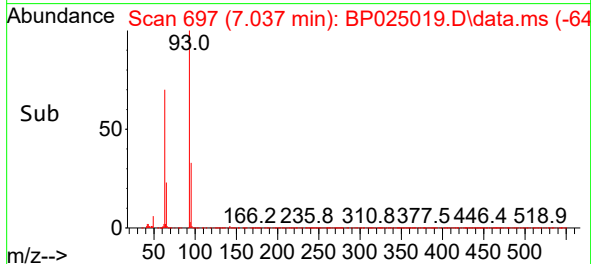
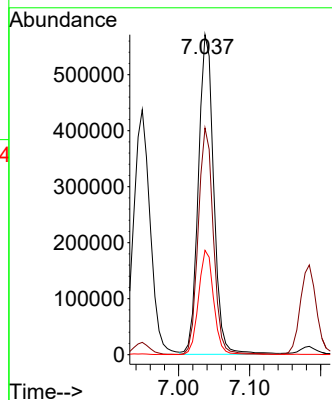
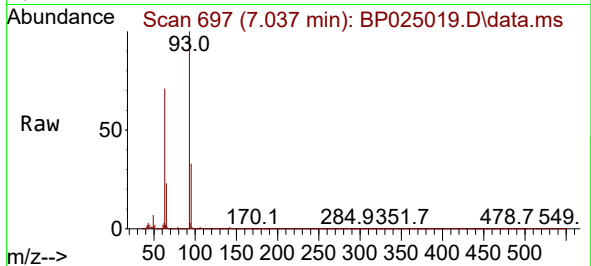




#11
bis(2-Chloroethyl)ether
Concen: 42.636 ng
RT: 7.037 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

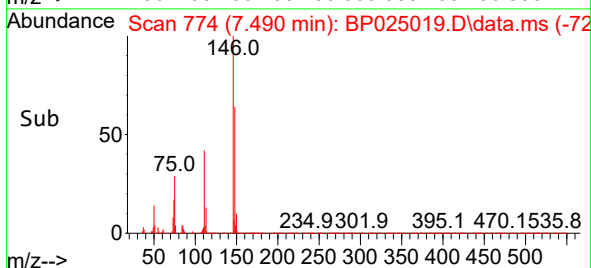
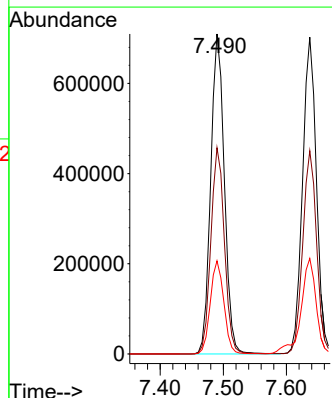
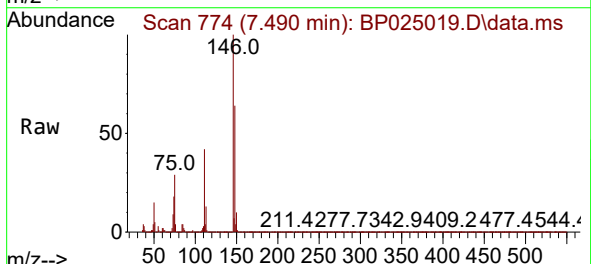
Instrument :
BNA_P
ClientSampleId :
TP-11MS

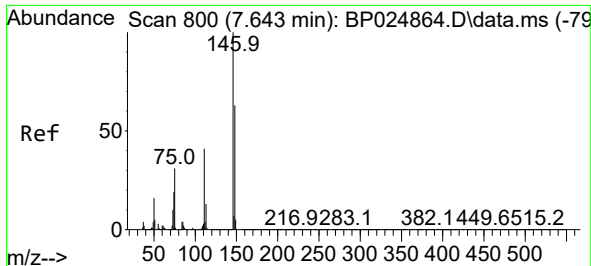
Tgt Ion: 93 Resp: 860610
Ion Ratio Lower Upper
93 100
63 70.8 51.6 91.6
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.722 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:146 Resp: 1064142
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 29.1 25.3 37.9

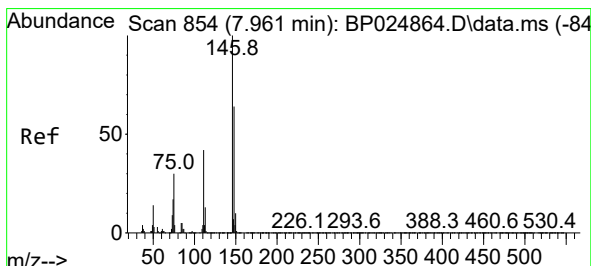
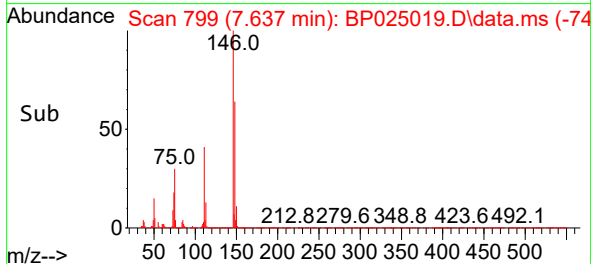
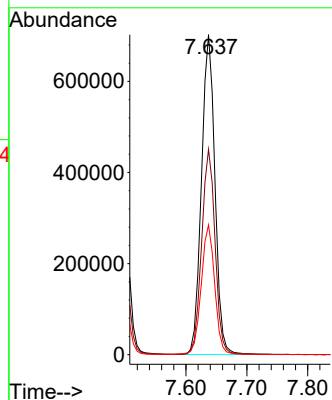
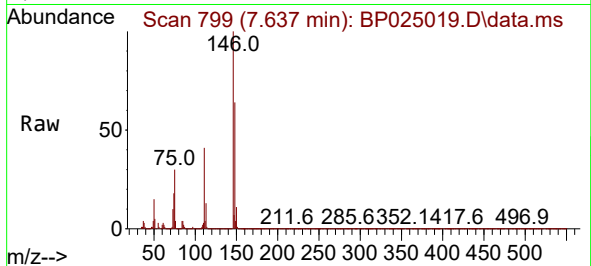




#13
1,4-Dichlorobenzene
Concen: 44.810 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

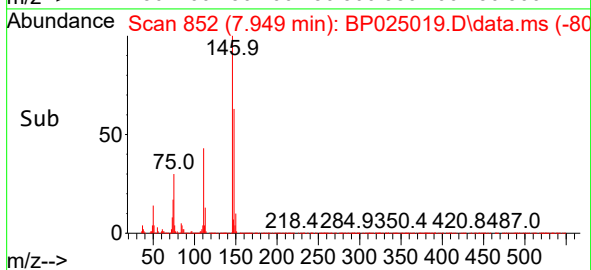
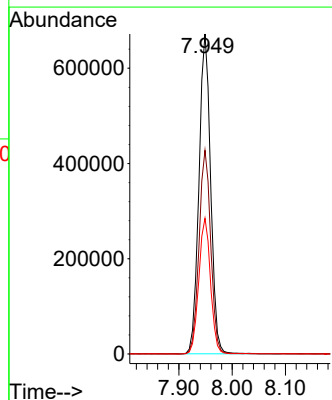
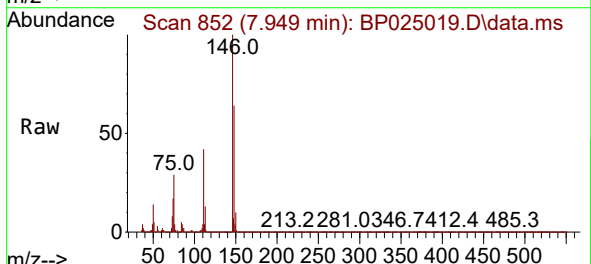
Instrument :
BNA_P
ClientSampleId :
TP-11MS

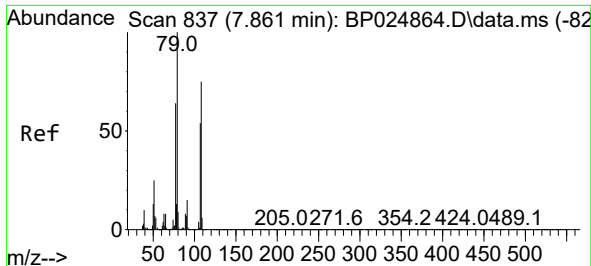
Tgt Ion:146 Resp: 1075844
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 40.6 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 43.431 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:146 Resp: 1023943
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 42.4 33.8 50.8

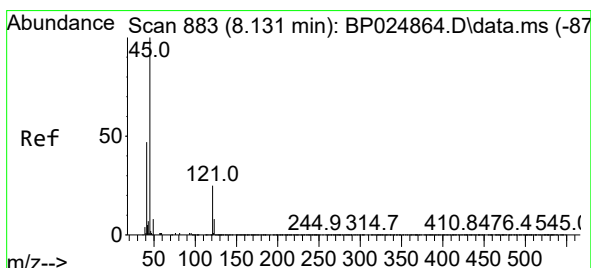
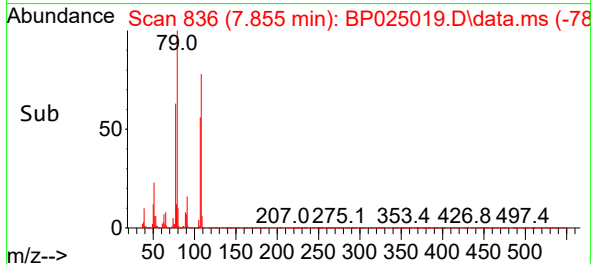
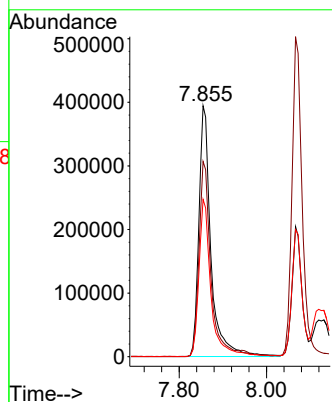
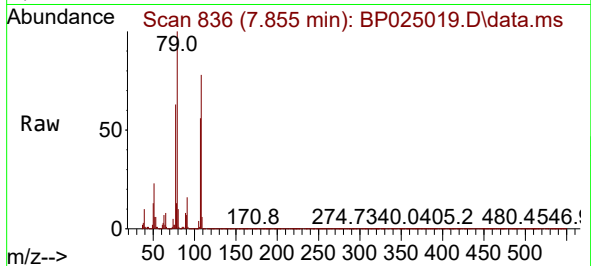




#15
Benzyl Alcohol
Concen: 39.711 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

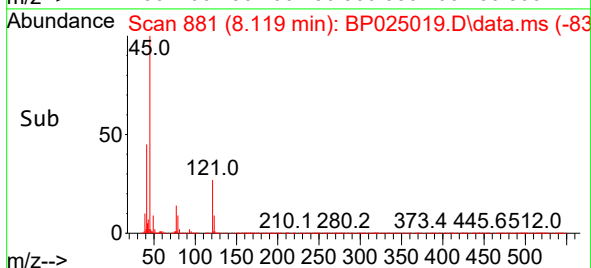
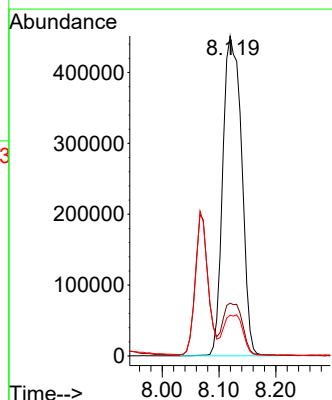
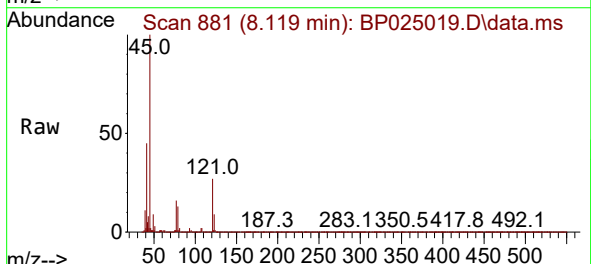
Instrument :
BNA_P
ClientSampleId :
TP-11MS

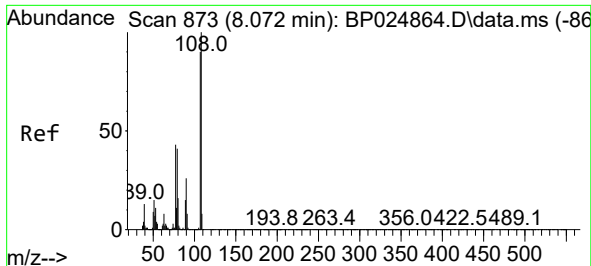
Tgt Ion: 79 Resp: 758719
Ion Ratio Lower Upper
79 100
108 77.8 60.2 90.4
77 62.7 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.315 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 45 Resp: 1038667
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.3
79 12.8 0.0 32.2

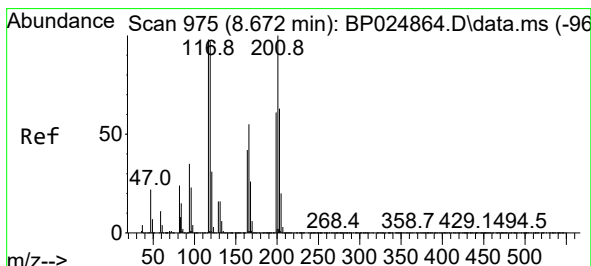
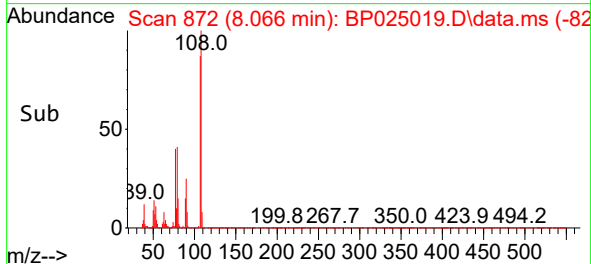
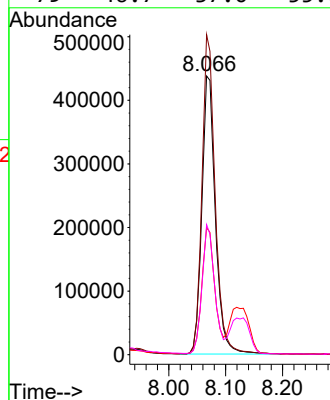
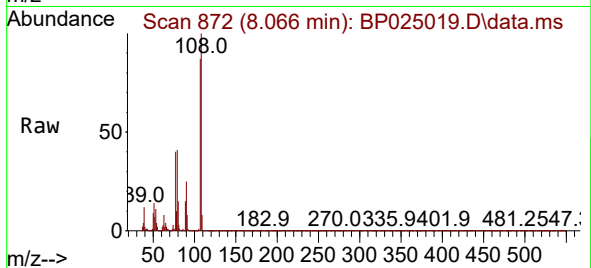




#17
2-Methylphenol
Concen: 40.351 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

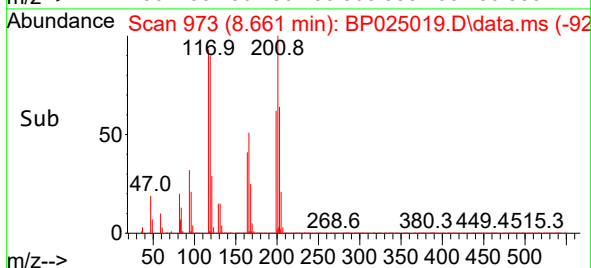
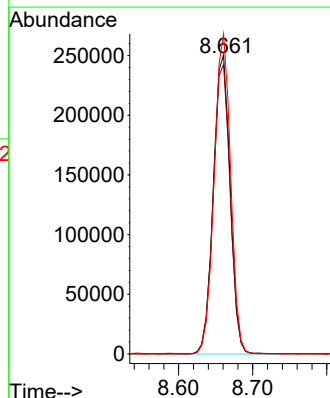
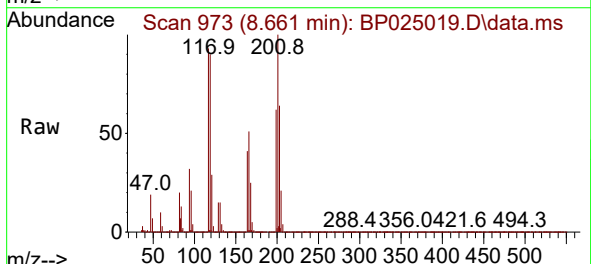
Instrument :
BNA_P
ClientSampleId :
TP-11MS

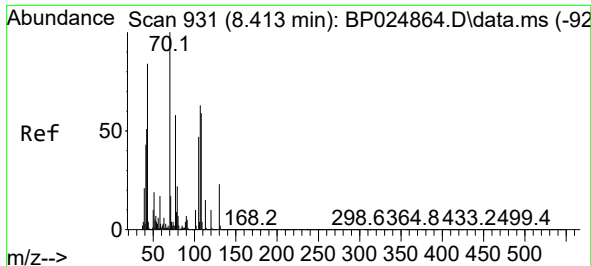
Tgt Ion:	107	Resp:	723149
Ion	Ratio	Lower	Upper
107	100		
108	114.8	88.6	132.8
77	45.5	38.5	57.7
79	46.7	37.0	55.6



#18
Hexachloroethane
Concen: 43.709 ng
RT: 8.661 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:	117	Resp:	395086
Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.2
201	107.1	81.4	122.2



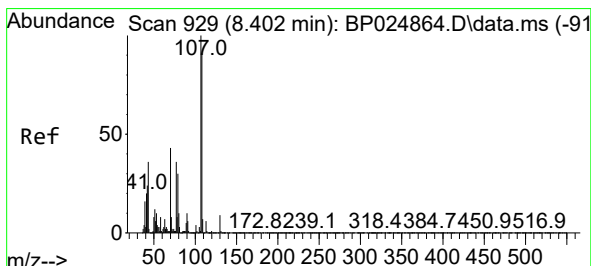
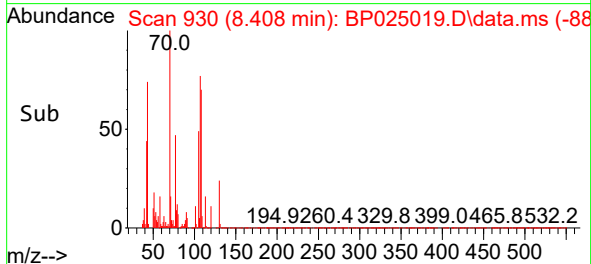
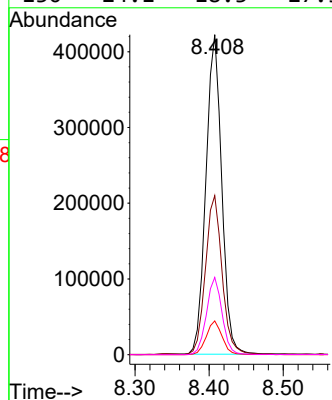
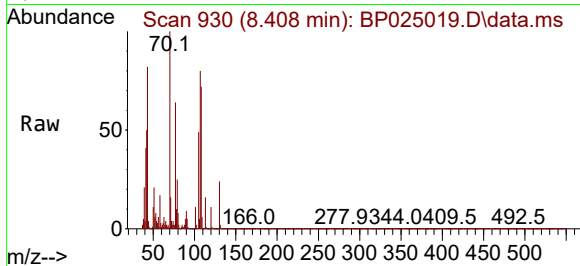


#19
n-Nitroso-di-n-propylamine
Concen: 36.968 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Instrument :
BNA_P
ClientSampleId :
TP-11MS

Tgt Ion: 70 Resp: 625632

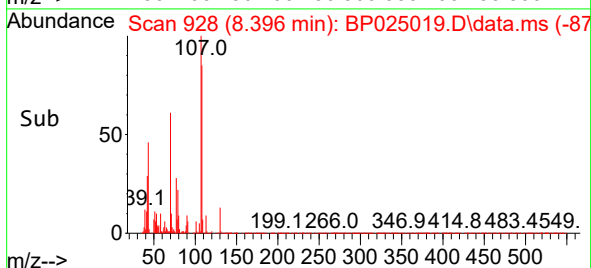
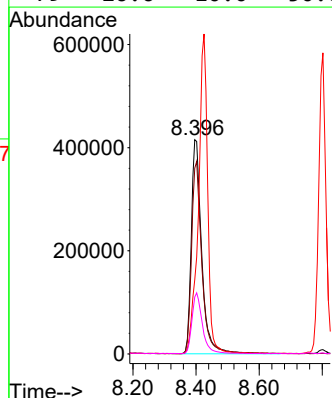
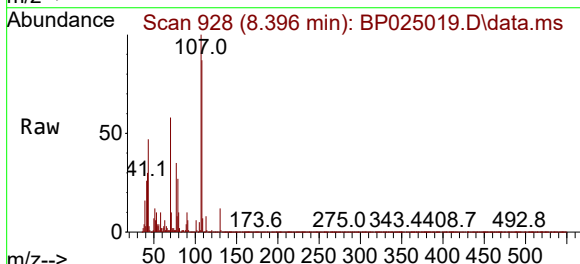
Ion	Ratio	Lower	Upper
70	100		
42	49.7	41.2	61.8
101	10.5	8.3	12.5
130	24.1	18.3	27.5

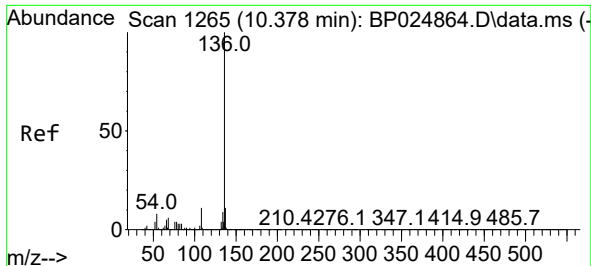


#20
3+4-Methylphenols
Concen: 39.037 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 107 Resp: 954469

Ion	Ratio	Lower	Upper
107	100		
108	86.7	70.7	110.7
77	34.7	16.6	56.6
79	26.6	10.0	50.0

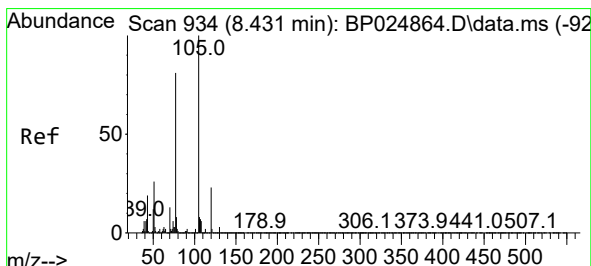
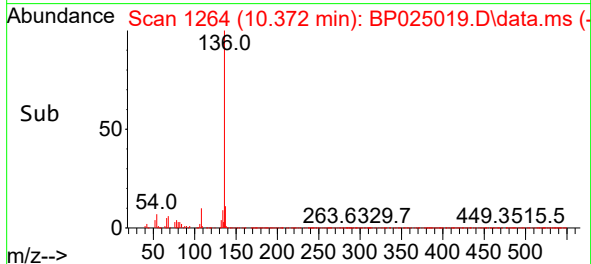
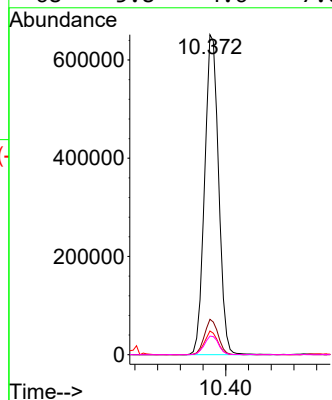
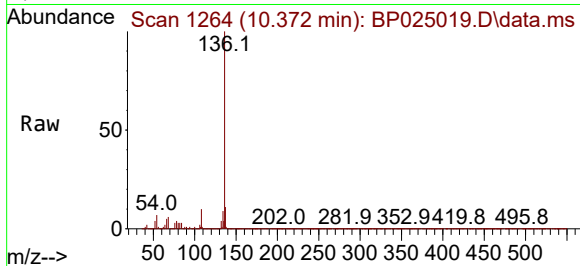




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

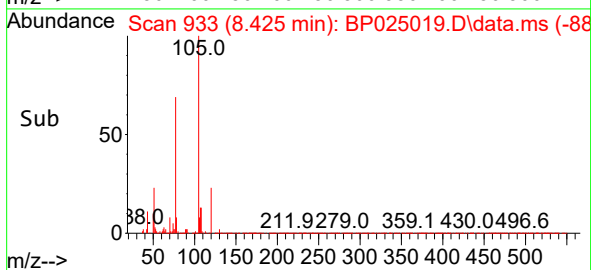
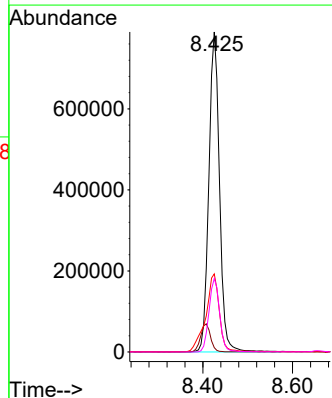
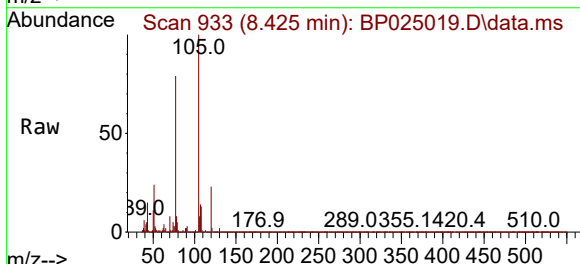
Instrument :
BNA_P
ClientSampleId :
TP-11MS

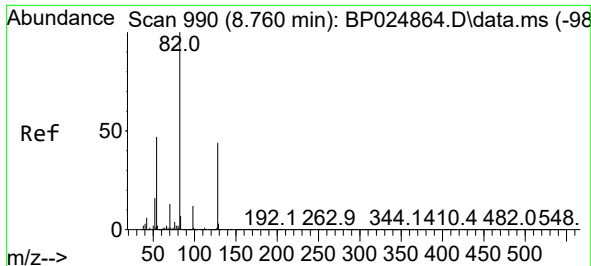
Tgt Ion:136 Resp: 1107530
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.1 9.1
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 46.434 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:105 Resp: 1299329
Ion Ratio Lower Upper
105 100
71 1.3 1.6 2.4#
51 24.4 20.6 31.0
120 22.9 18.2 27.4

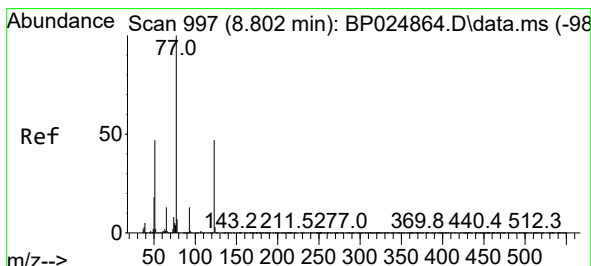
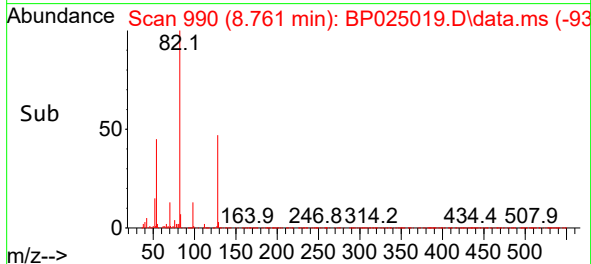
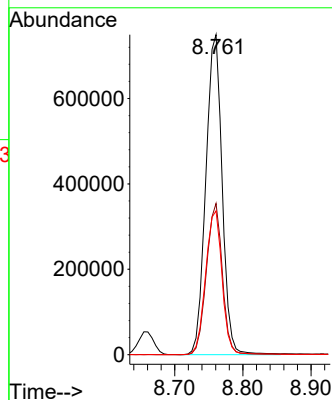
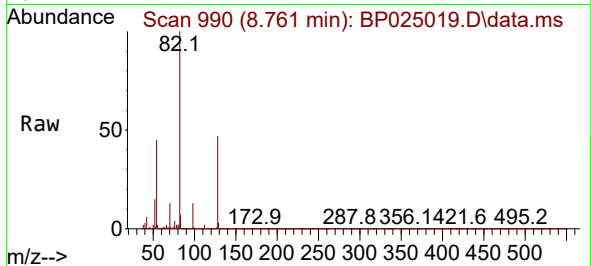




#23
Nitrobenzene-d5
Concen: 54.833 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

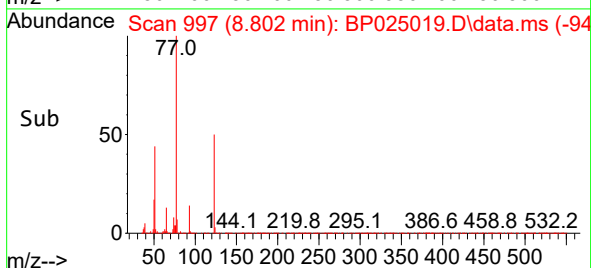
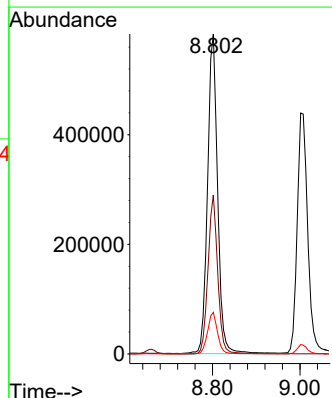
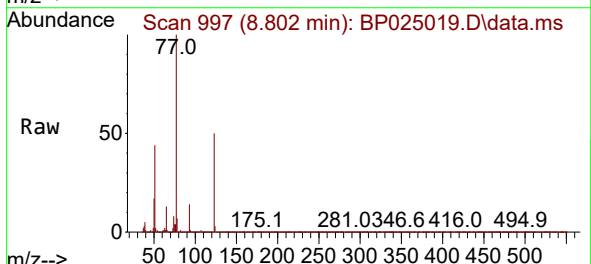
Instrument :
BNA_P
ClientSampleId :
TP-11MS

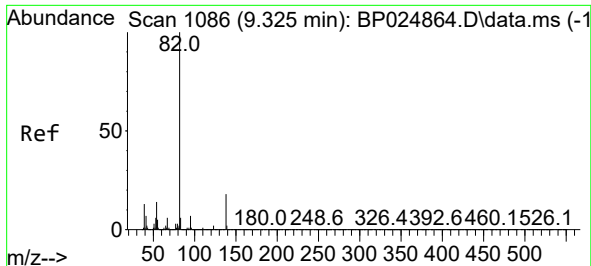
Tgt Ion: 82 Resp: 1249755
Ion Ratio Lower Upper
82 100
128 47.2 35.3 52.9
54 45.0 37.4 56.0



#24
Nitrobenzene
Concen: 46.193 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 77 Resp: 935312
Ion Ratio Lower Upper
77 100
123 49.7 37.3 55.9
65 13.0 10.8 16.2

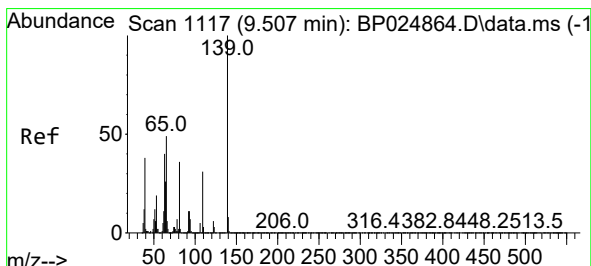
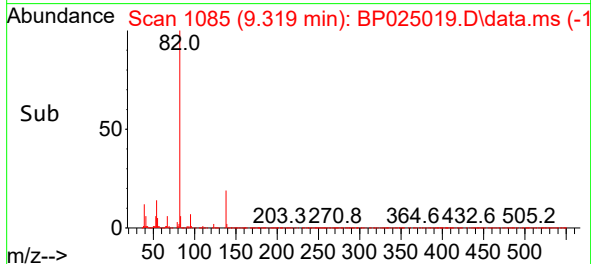
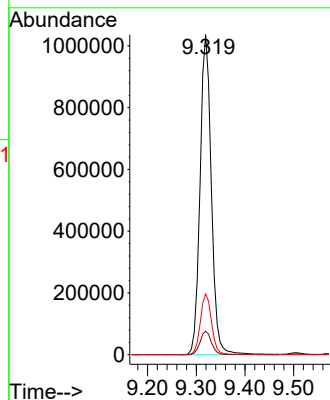
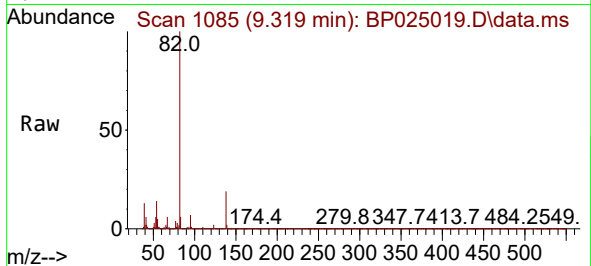




#25
Isophorone
Concen: 42.248 ng
RT: 9.319 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

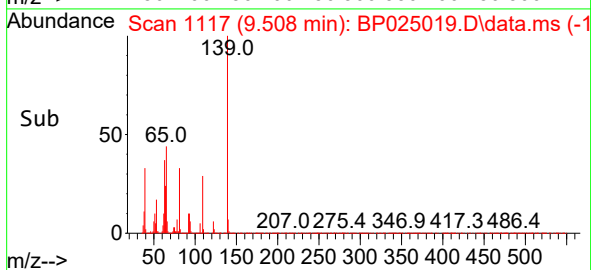
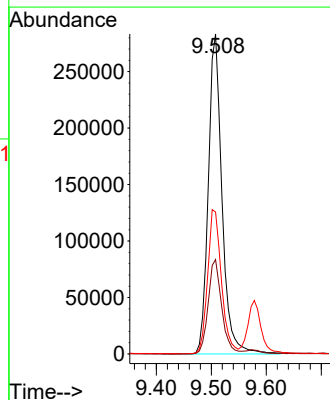
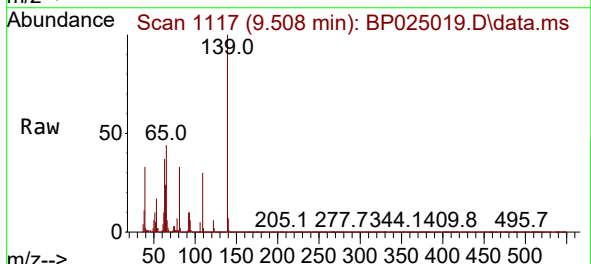
Instrument :
BNA_P
ClientSampleId :
TP-11MS

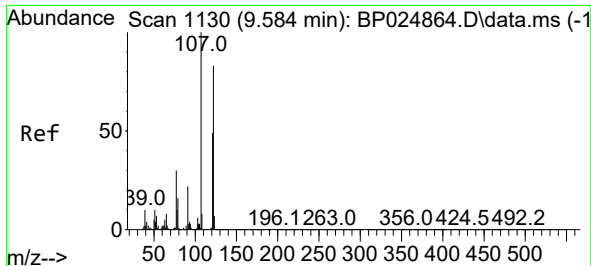
Tgt Ion: 82 Resp: 1668834
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.0 14.6 21.8



#26
2-Nitrophenol
Concen: 49.000 ng
RT: 9.508 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:139 Resp: 489536
Ion Ratio Lower Upper
139 100
109 29.5 24.6 37.0
65 44.4 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 45.417 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

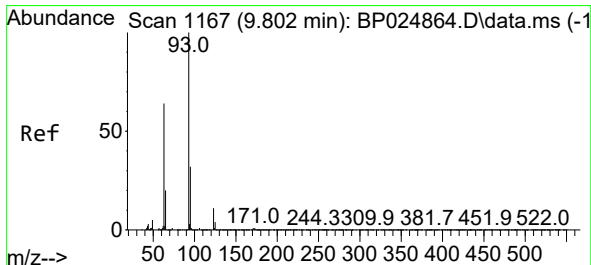
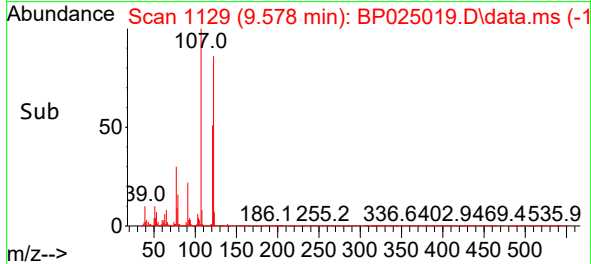
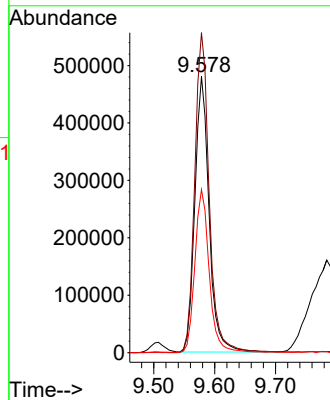
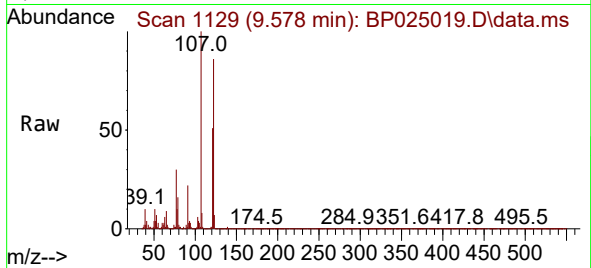
Tgt Ion:122 Resp: 776541

Ion Ratio Lower Upper

122 100

107 115.9 96.2 144.4

121 59.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.484 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

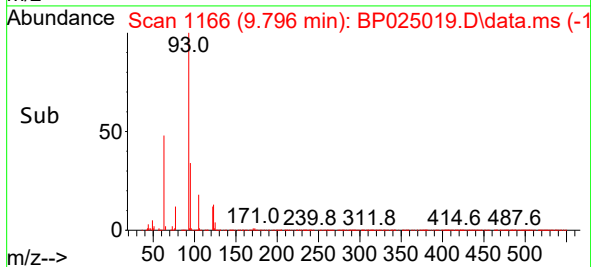
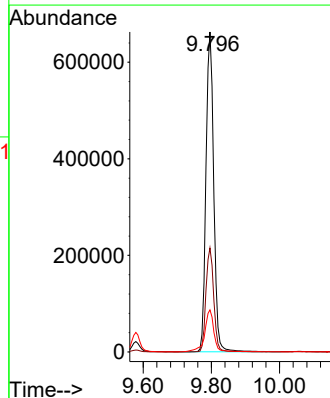
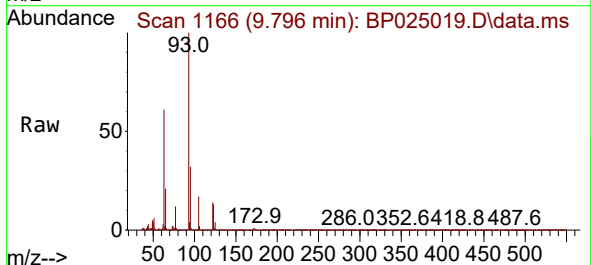
Tgt Ion: 93 Resp: 1048172

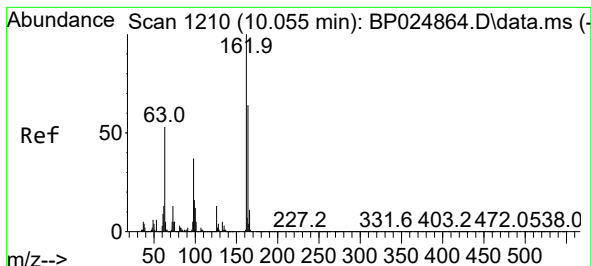
Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

123 13.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.104 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

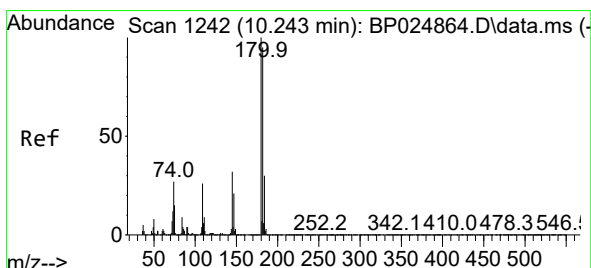
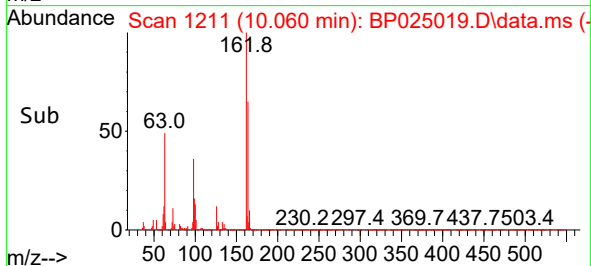
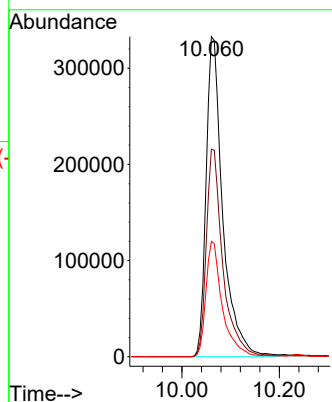
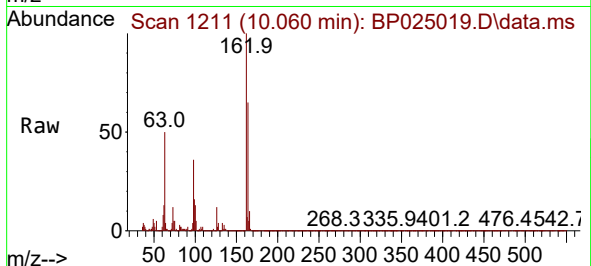
Tgt Ion:162 Resp: 789187

Ion Ratio Lower Upper

162 100

164 64.9 44.0 84.0

98 36.0 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 48.488 ng

RT: 10.243 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

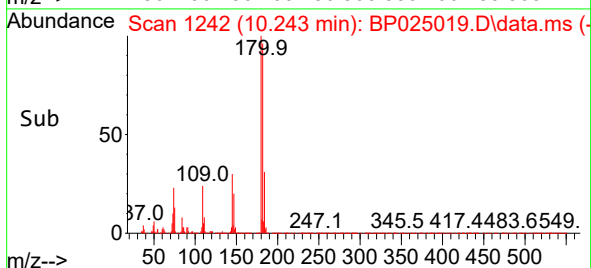
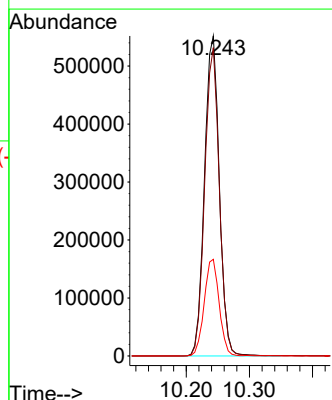
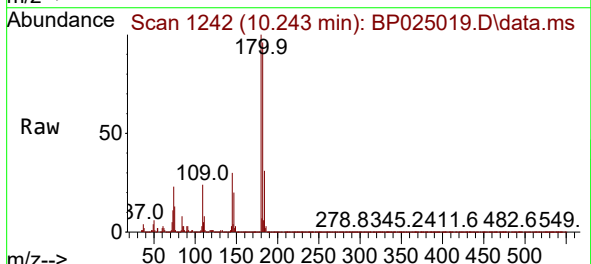
Tgt Ion:180 Resp: 897231

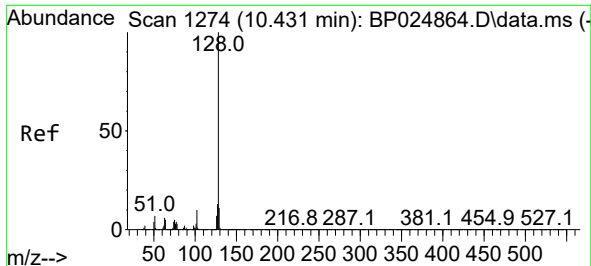
Ion Ratio Lower Upper

180 100

182 96.4 75.8 113.6

145 30.2 25.7 38.5

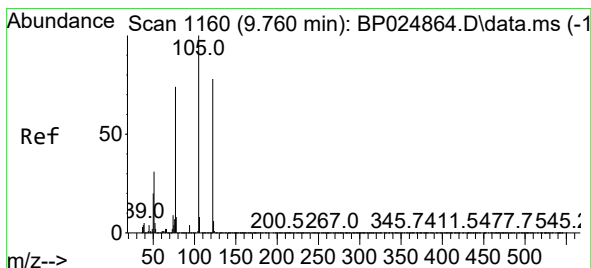
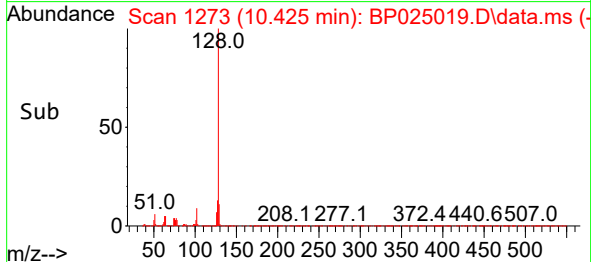
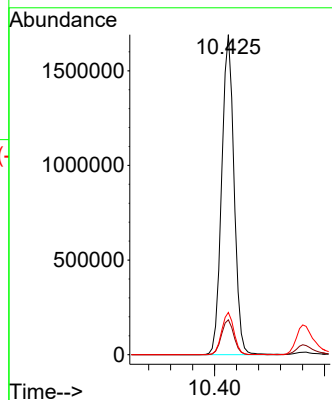
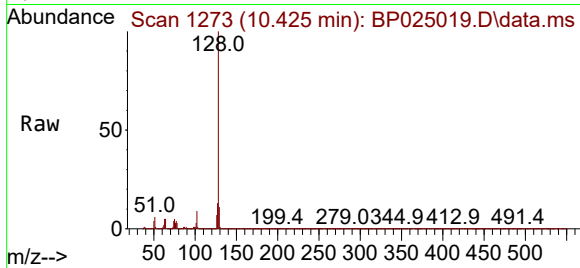




#31
Naphthalene
Concen: 46.364 ng
RT: 10.425 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

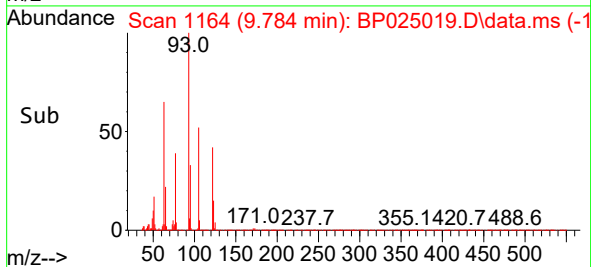
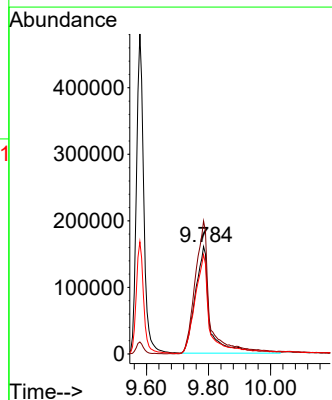
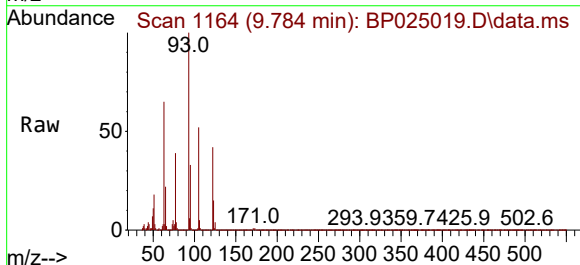
Instrument :
BNA_P
ClientSampleId :
TP-11MS

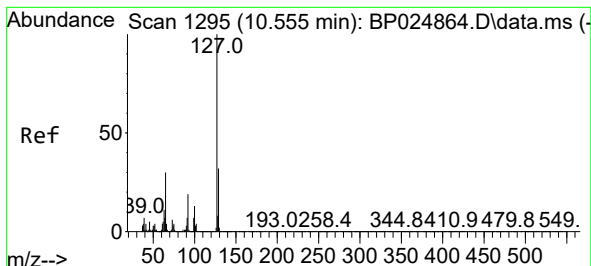
Tgt Ion:128 Resp: 2631462
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 45.586 ng
RT: 9.784 min Scan# 1164
Delta R.T. 0.024 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:122 Resp: 526715
Ion Ratio Lower Upper
122 100
105 123.7 107.1 147.1
77 92.5 75.1 115.1





#33

4-Chloroaniline

Concen: 15.509 ng

RT: 10.560 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

Tgt Ion:127 Resp: 368791

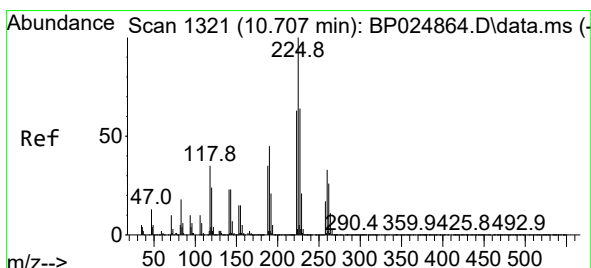
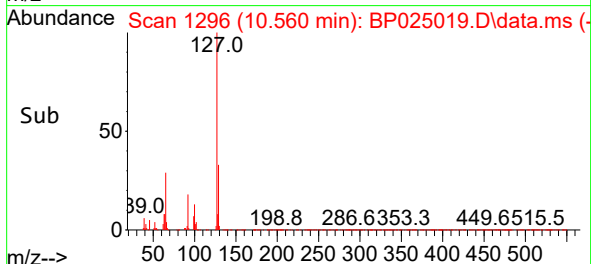
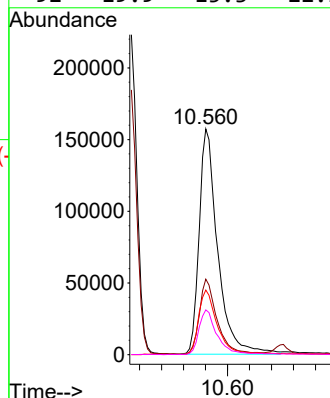
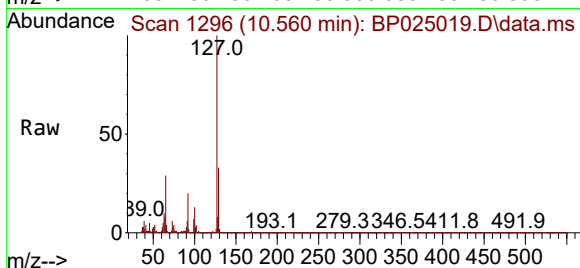
Ion Ratio Lower Upper

127 100

129 33.5 25.9 38.9

65 28.7 23.9 35.9

92 19.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 50.691 ng

RT: 10.702 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

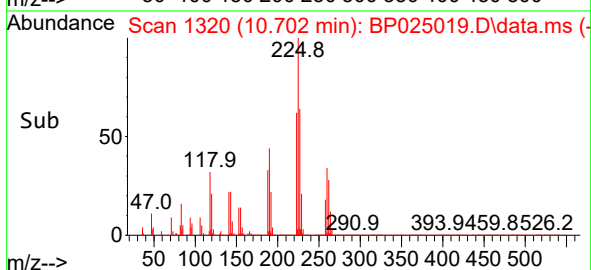
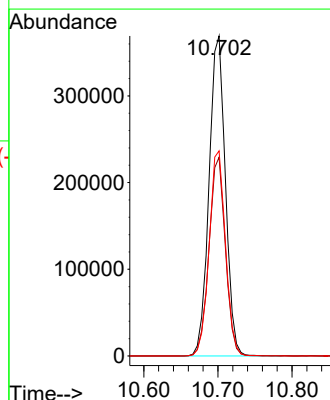
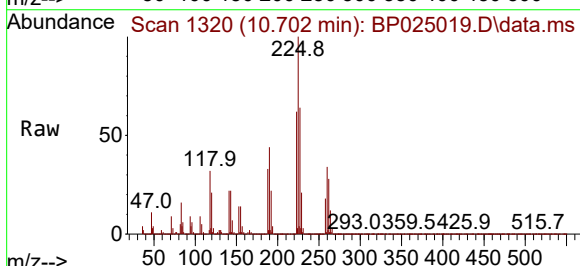
Tgt Ion:225 Resp: 565332

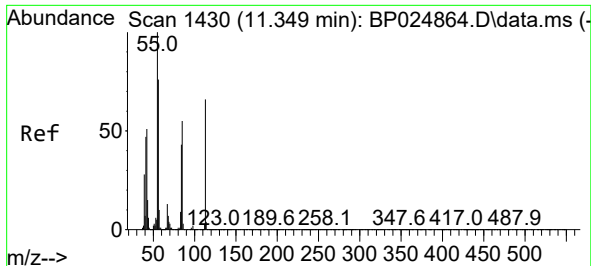
Ion Ratio Lower Upper

225 100

223 62.1 50.5 75.7

227 64.1 51.4 77.2

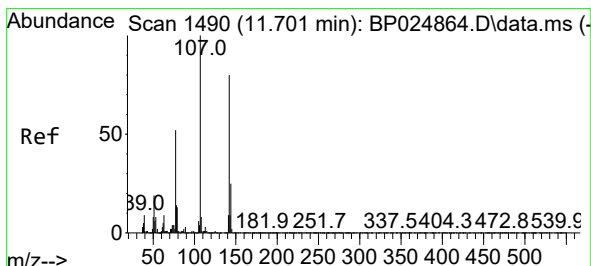
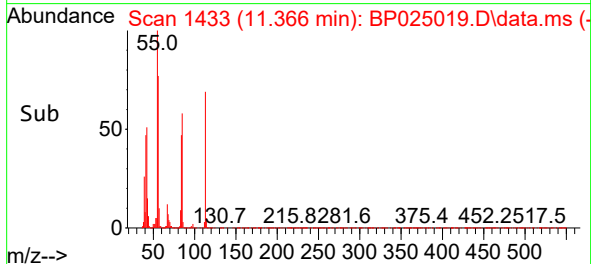
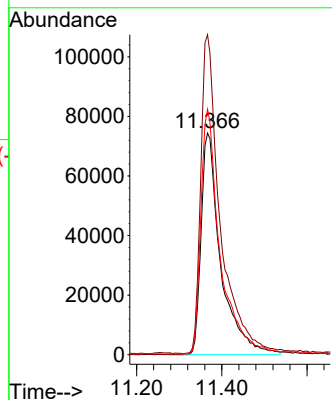
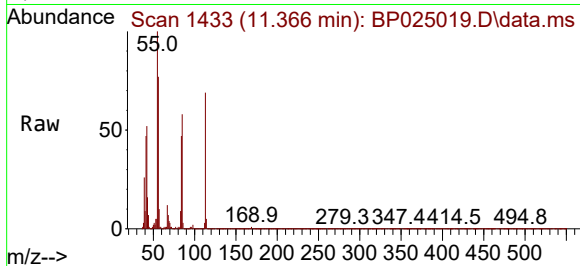




#35
 Caprolactam
 Concen: 39.343 ng
 RT: 11.366 min Scan# 1433
 Delta R.T. 0.018 min
 Lab File: BP025019.D
 Acq: 20 Jun 2025 15:40

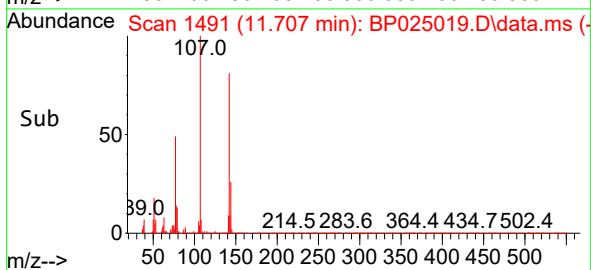
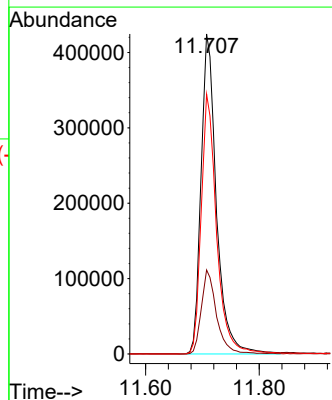
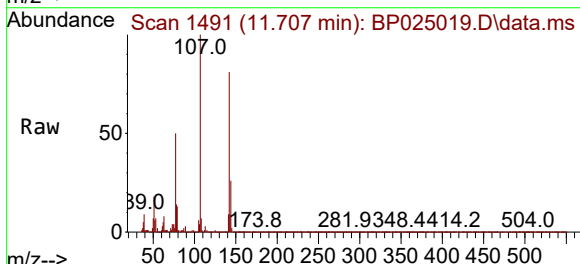
Instrument :
 BNA_P
 ClientSampleId :
 TP-11MS

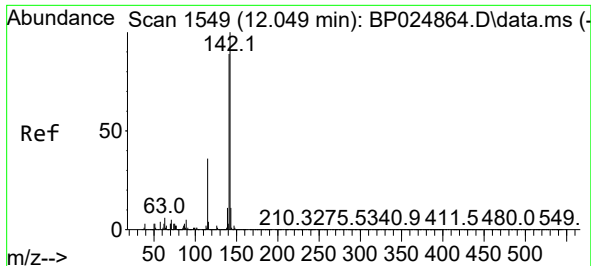
Tgt Ion:113 Resp: 237589
 Ion Ratio Lower Upper
 113 100
 55 144.4 132.5 172.5
 56 110.7 96.0 136.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.272 ng
 RT: 11.707 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: BP025019.D
 Acq: 20 Jun 2025 15:40

Tgt Ion:107 Resp: 799913
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.4 30.6
 142 81.2 63.8 95.6

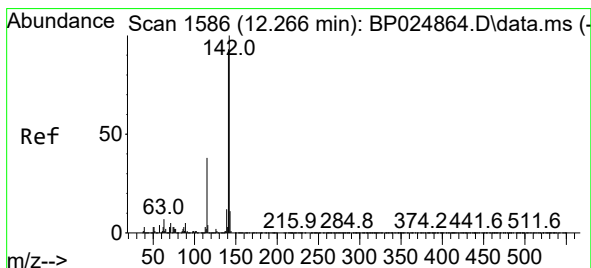
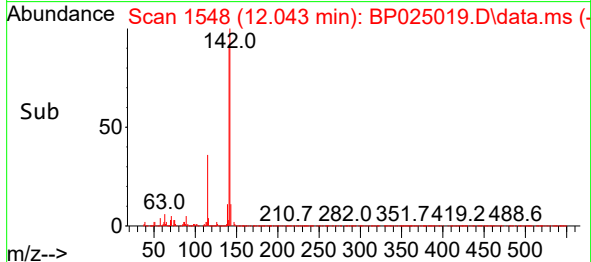
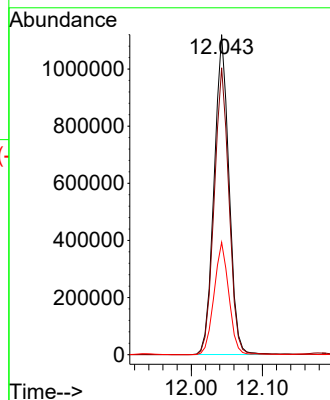
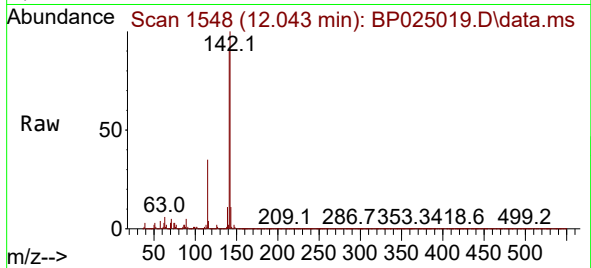




#37
2-Methylnaphthalene
Concen: 45.205 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

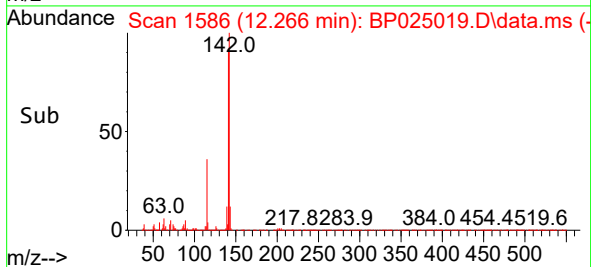
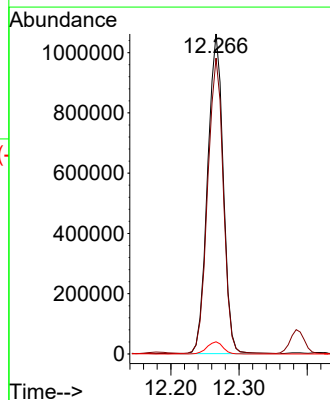
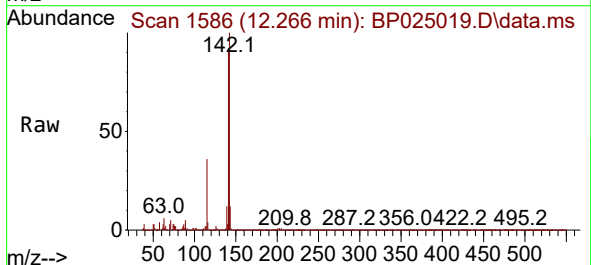
Instrument :
BNA_P
ClientSampleId :
TP-11MS

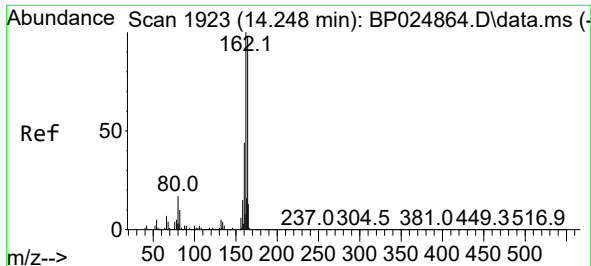
Tgt Ion:142 Resp: 1627490
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 35.1 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.064 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:142 Resp: 1696023
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1
116 3.8 3.4 5.0

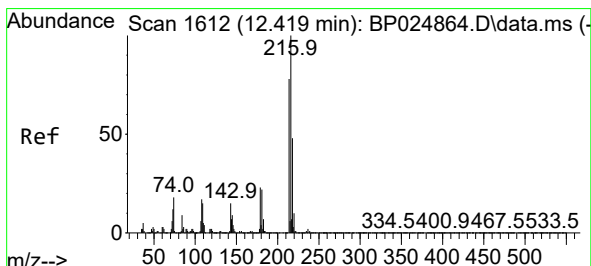
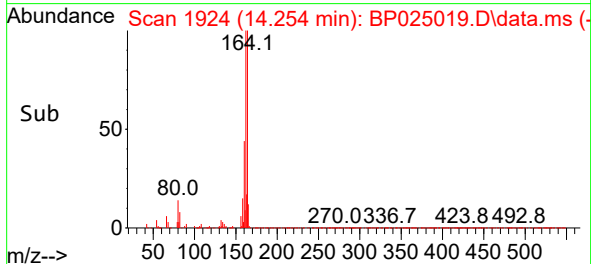
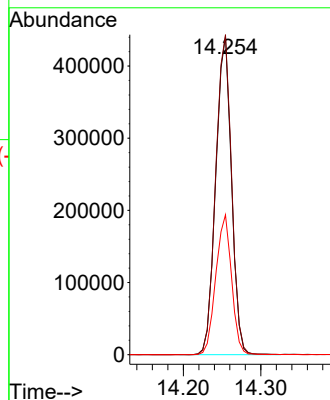
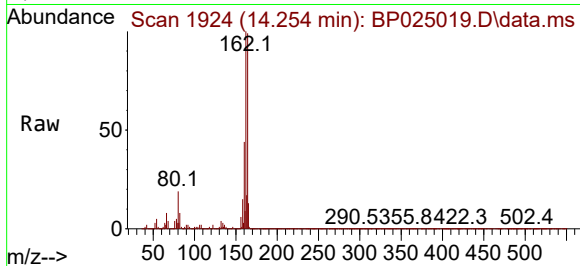




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

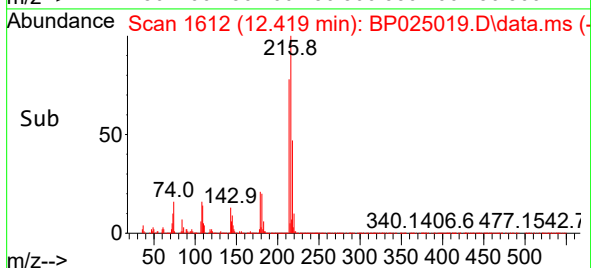
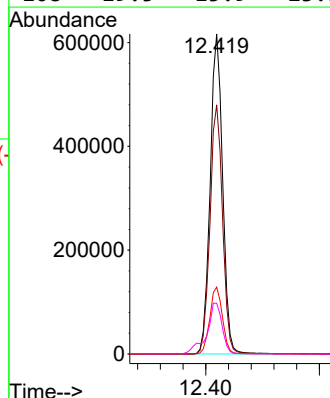
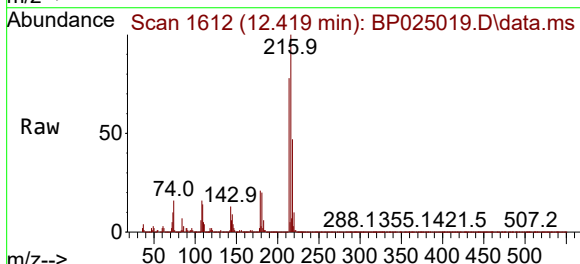
Instrument :
BNA_P
ClientSampleId :
TP-11MS

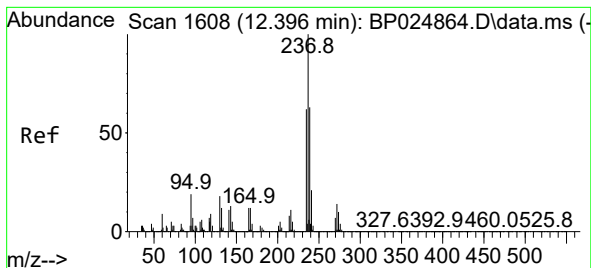
Tgt Ion:164 Resp: 619763
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 43.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.033 ng
RT: 12.419 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:216 Resp: 932635
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.3 17.8 26.6
108 19.5 15.9 23.9

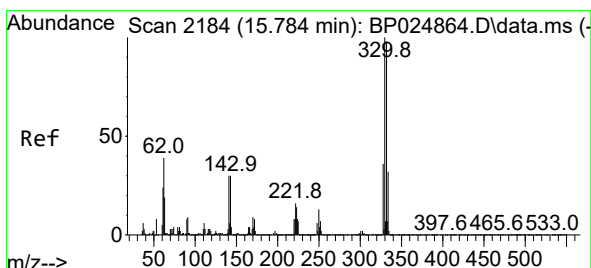
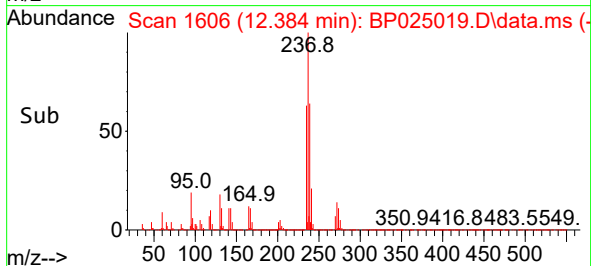
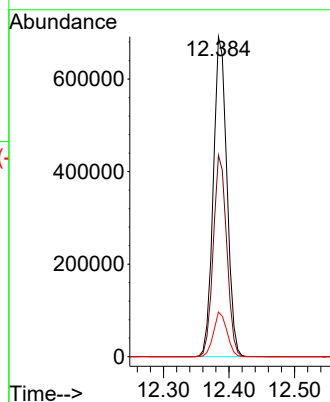
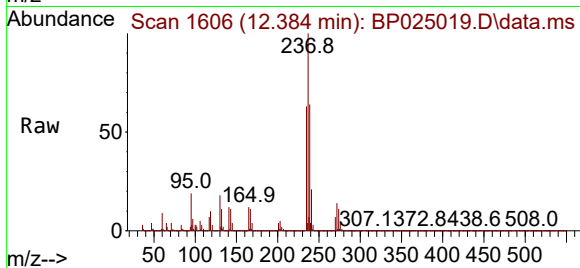




#41
Hexachlorocyclopentadiene
Concen: 92.694 ng
RT: 12.384 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

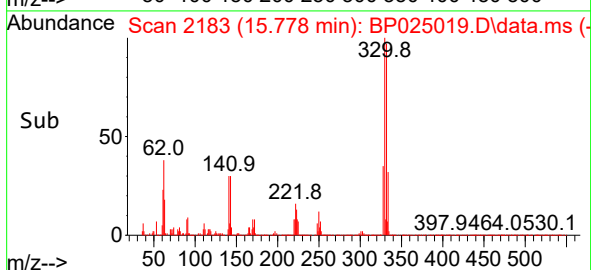
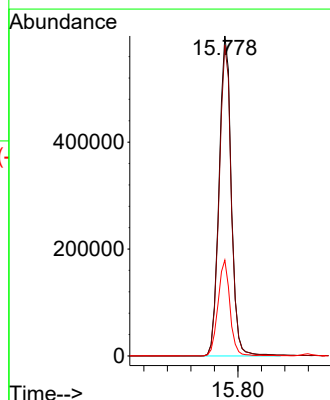
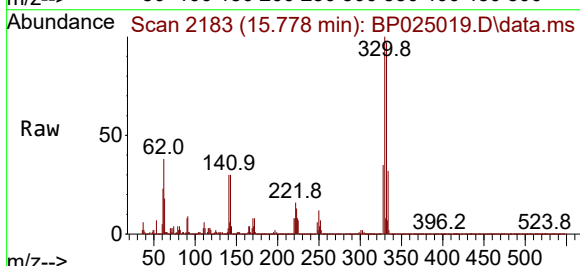
Instrument :
BNA_P
ClientSampleId :
TP-11MS

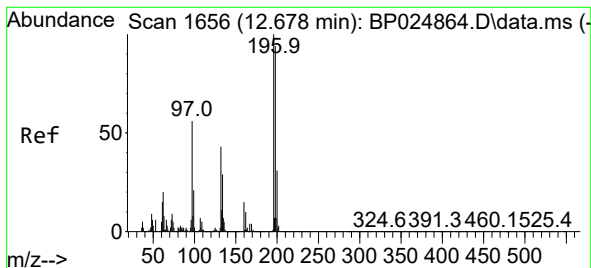
Tgt Ion:237 Resp: 994273
Ion Ratio Lower Upper
237 100
235 62.9 41.9 81.9
272 14.0 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 100.776 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:330 Resp: 863504
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 29.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 49.858 ng

RT: 12.678 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

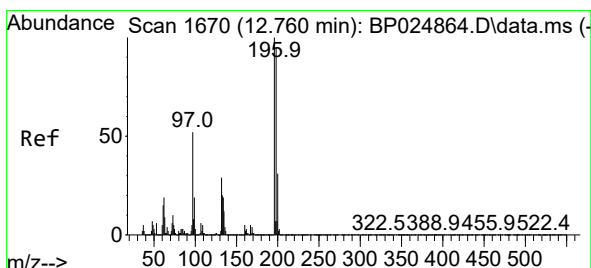
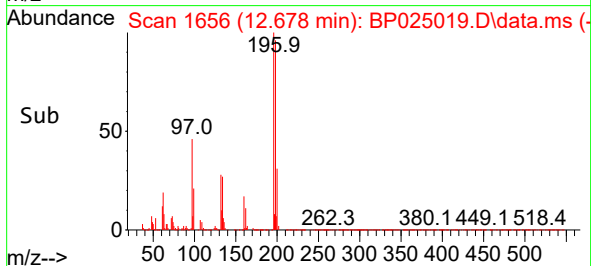
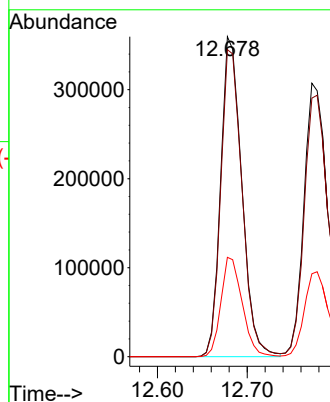
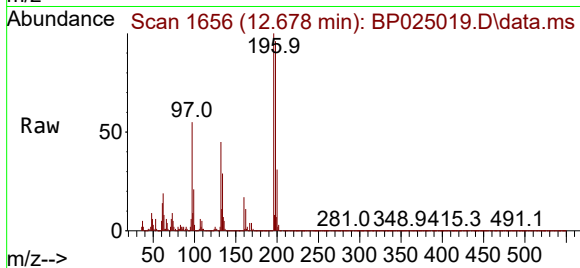
Tgt Ion:196 Resp: 588835

Ion Ratio Lower Upper

196 100

198 96.0 75.4 113.0

200 31.0 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 50.904 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Tgt Ion:196 Resp: 643836

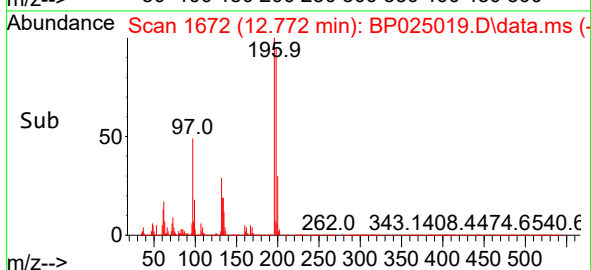
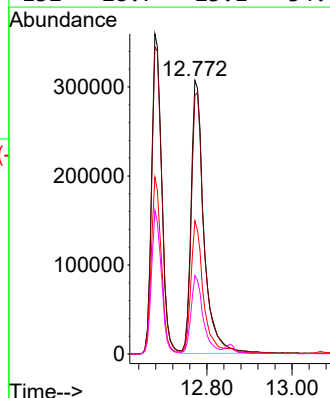
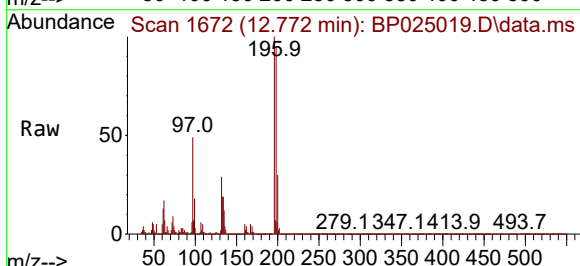
Ion Ratio Lower Upper

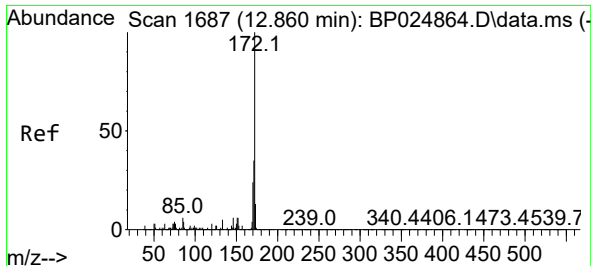
196 100

198 94.6 76.0 114.0

97 48.7 41.5 62.3

132 28.7 23.1 34.7

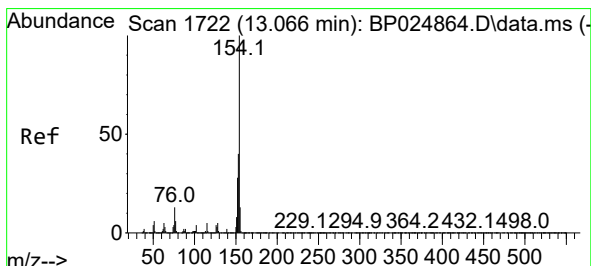
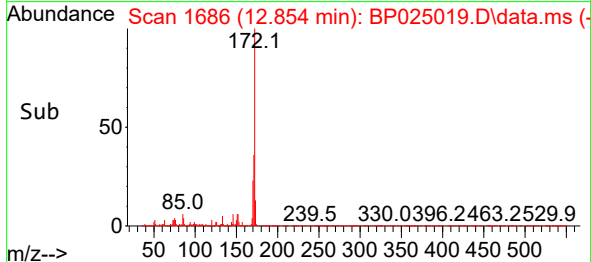
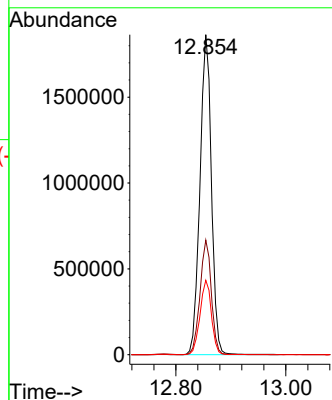
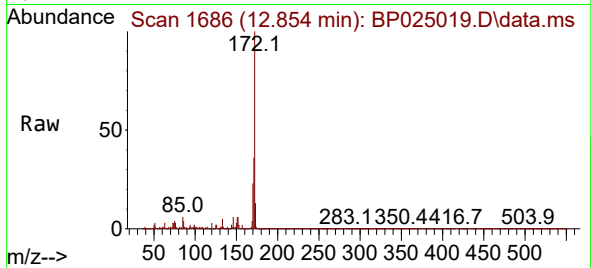




#45
2-Fluorobiphenyl
Concen: 58.749 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

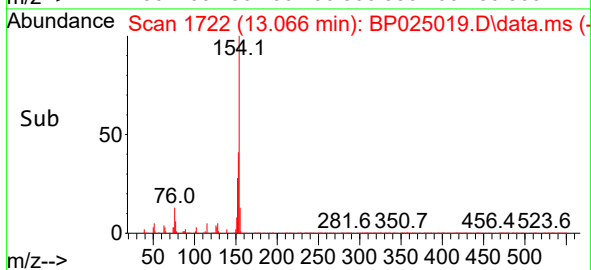
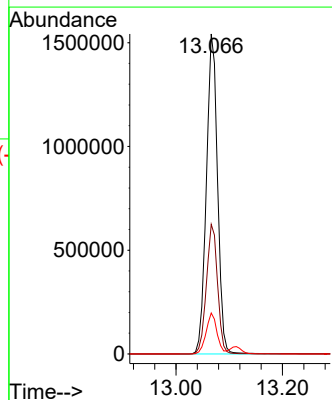
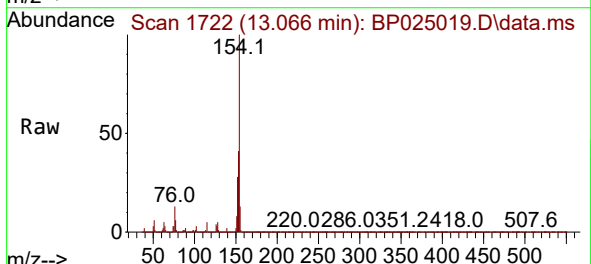
Instrument :
BNA_P
ClientSampleId :
TP-11MS

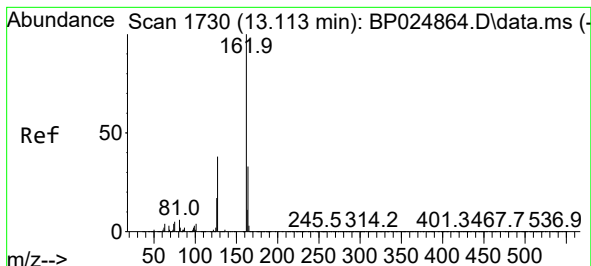
Tgt Ion:172 Resp: 2702854
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.881 ng
RT: 13.066 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:154 Resp: 2246623
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 49.947 ng

RT: 13.113 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

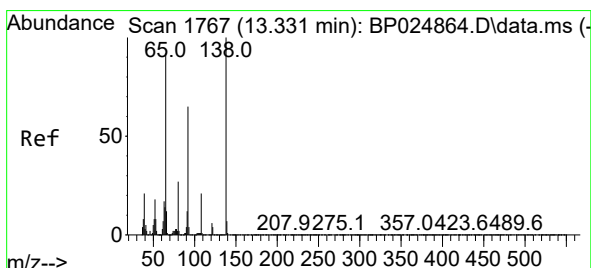
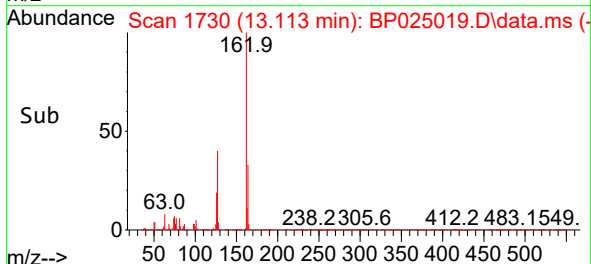
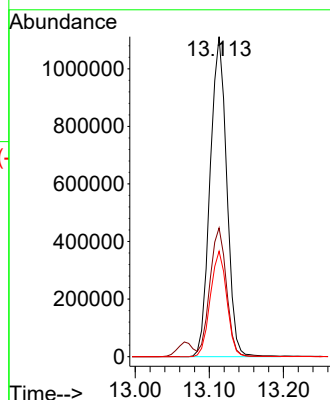
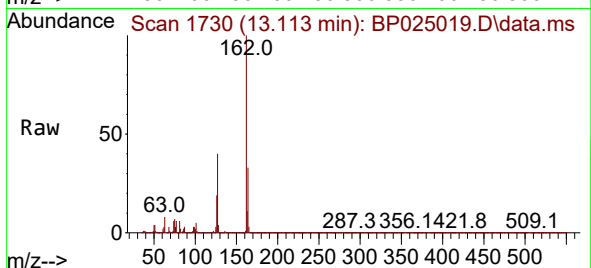
Tgt Ion:162 Resp: 1729014

Ion Ratio Lower Upper

162 100

127 40.3 32.5 48.7

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 43.973 ng

RT: 13.343 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

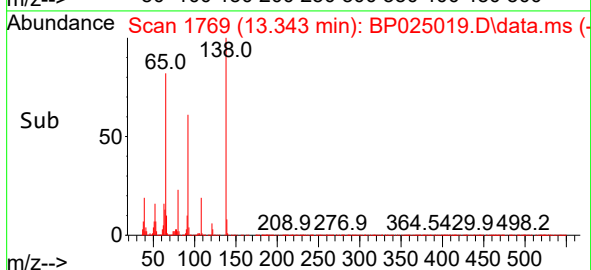
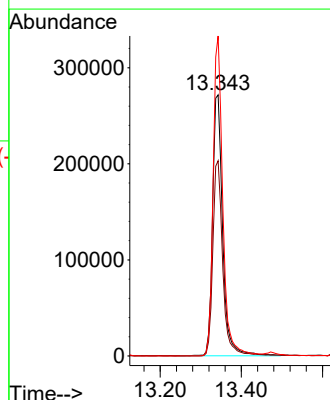
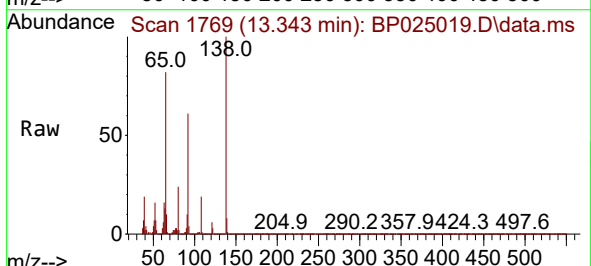
Tgt Ion: 65 Resp: 467974

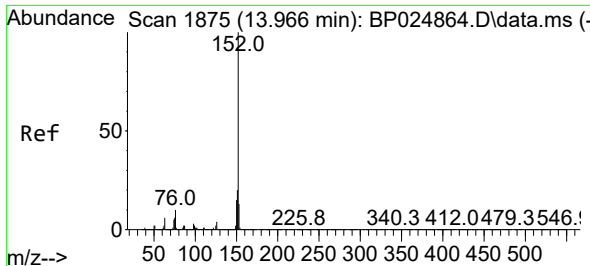
Ion Ratio Lower Upper

65 100

92 74.8 56.8 85.2

138 122.6 86.9 130.3

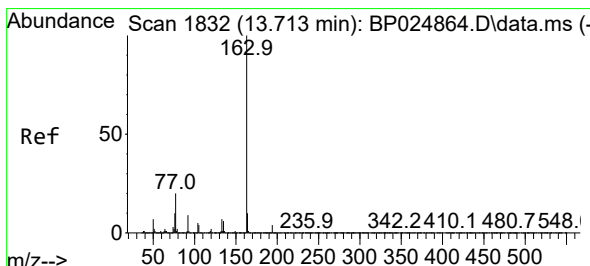
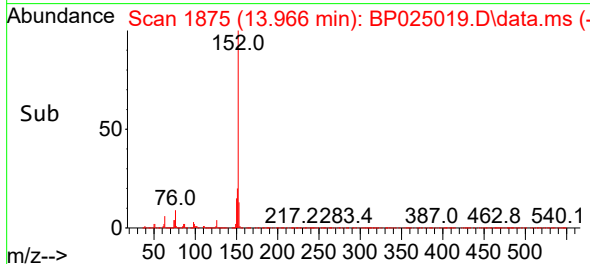
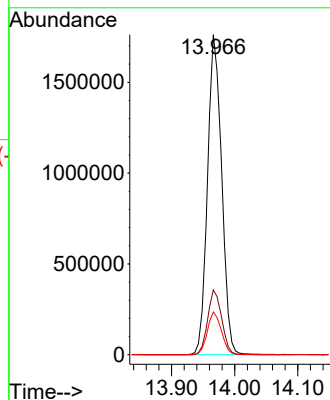
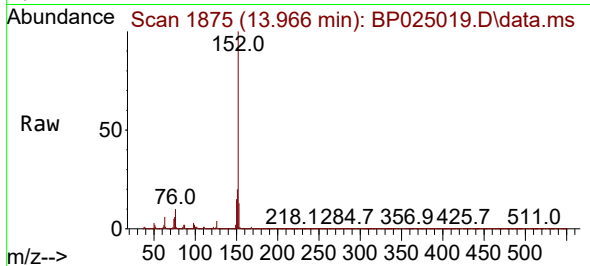




#49
Acenaphthylene
Concen: 47.422 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

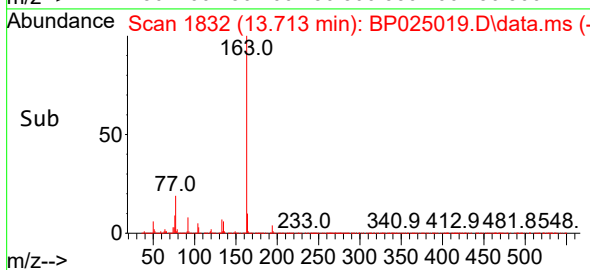
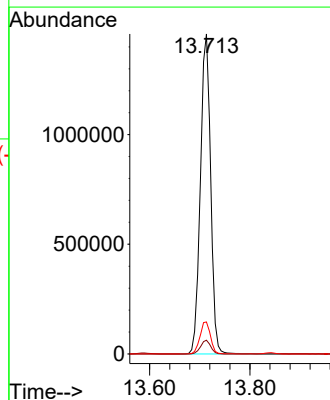
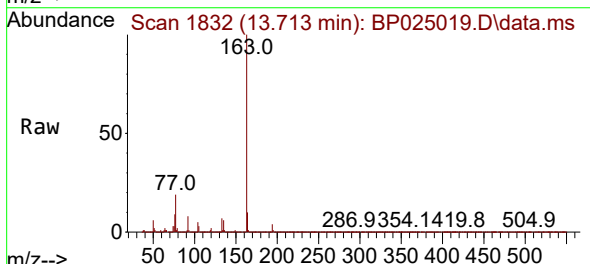
Instrument :
BNA_P
ClientSampleId :
TP-11MS

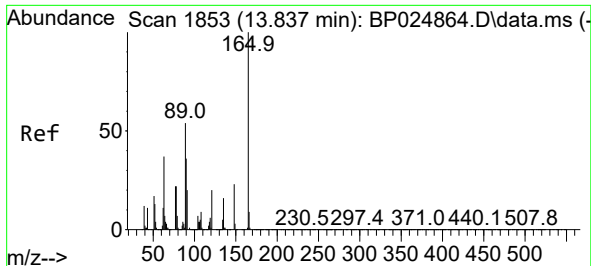
Tgt Ion:152 Resp: 2737145
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 45.187 ng
RT: 13.713 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:163 Resp: 2065876
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.0 12.0

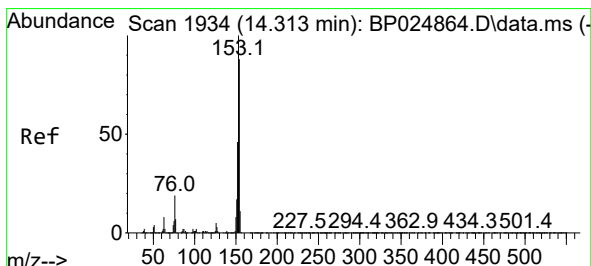
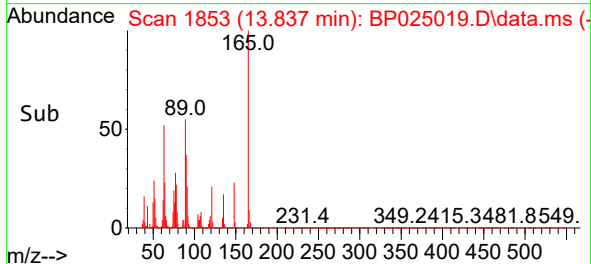
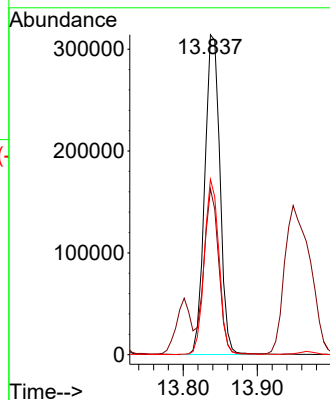
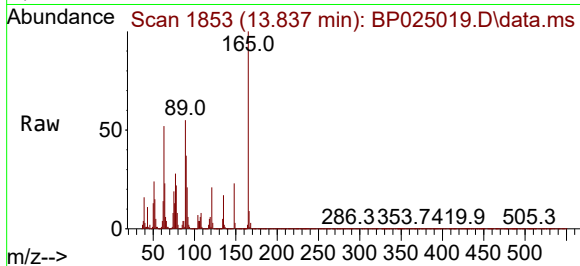




#51
2,6-Dinitrotoluene
Concen: 45.378 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

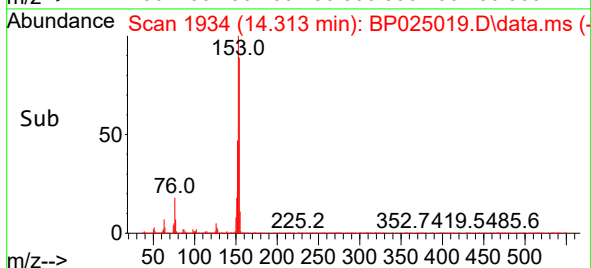
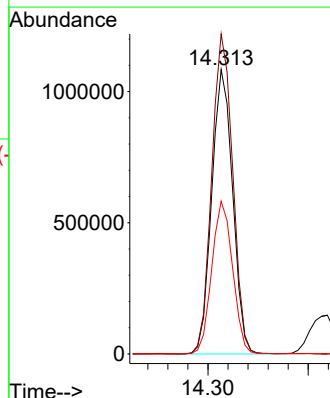
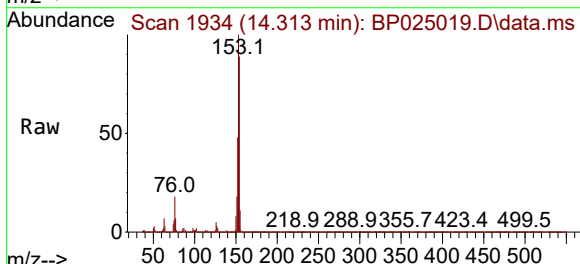
Instrument :
BNA_P
ClientSampleId :
TP-11MS

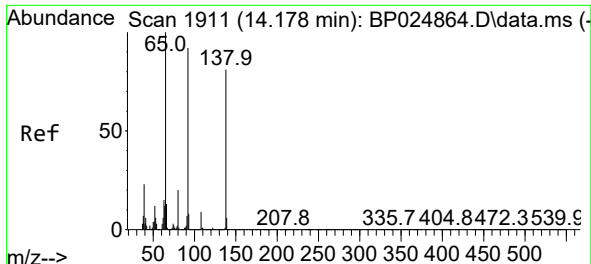
Tgt Ion:165 Resp: 447248
Ion Ratio Lower Upper
165 100
63 51.8 41.8 62.8
89 54.8 43.1 64.7



#52
Acenaphthene
Concen: 47.366 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:154 Resp: 1566604
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 53.8 42.1 63.1

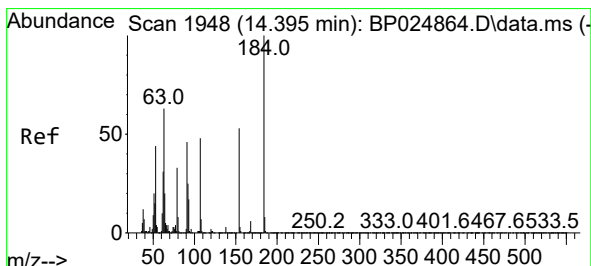
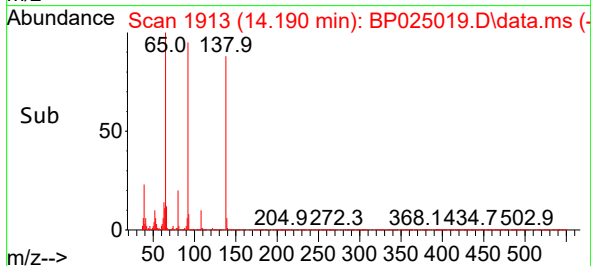
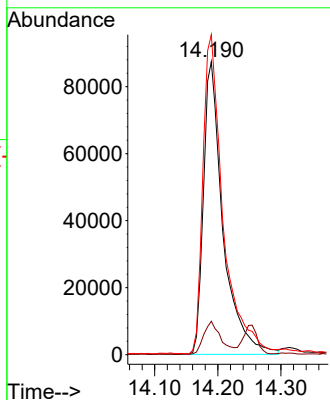
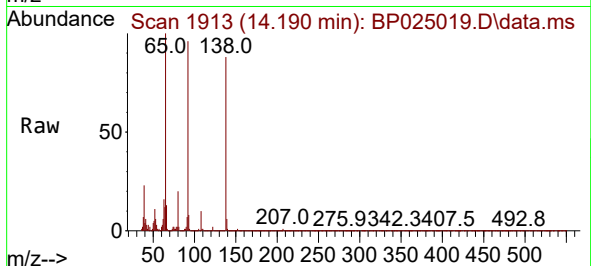




#53
3-Nitroaniline
Concen: 18.339 ng
RT: 14.190 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

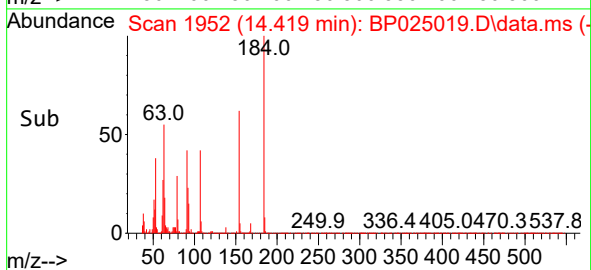
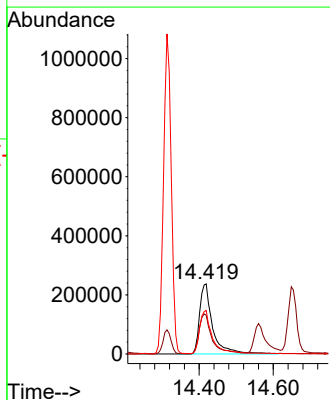
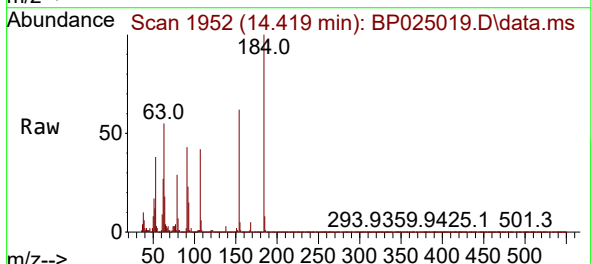
Instrument :
BNA_P
ClientSampleId :
TP-11MS

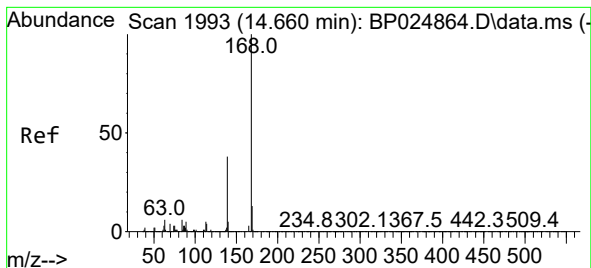
Tgt Ion:138 Resp: 187571
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 109.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 89.149 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.024 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:184 Resp: 576534
Ion Ratio Lower Upper
184 100
63 55.3 51.0 76.4
154 62.1 51.7 77.5

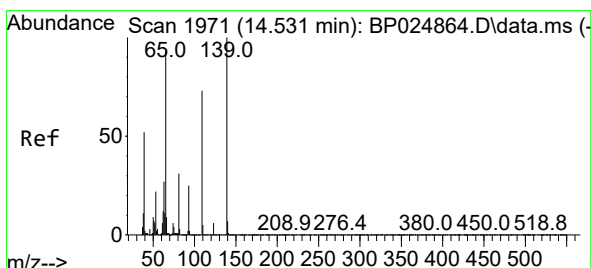
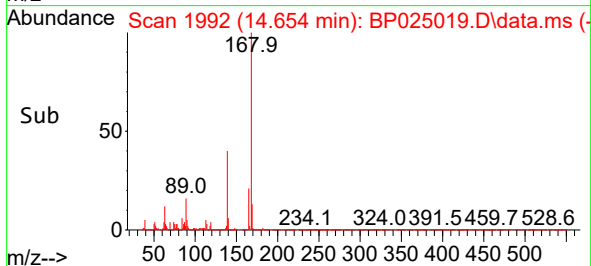
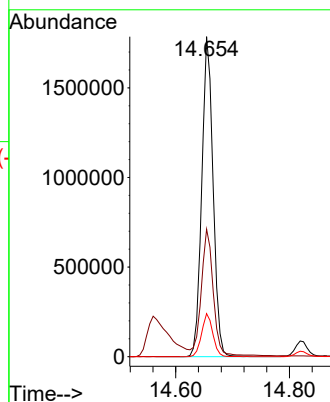
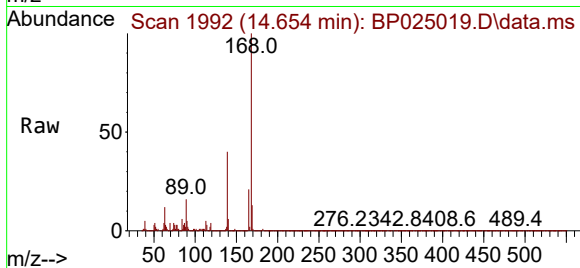




#55
Dibenzofuran
Concen: 46.549 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

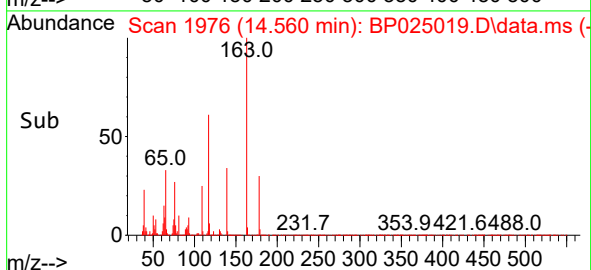
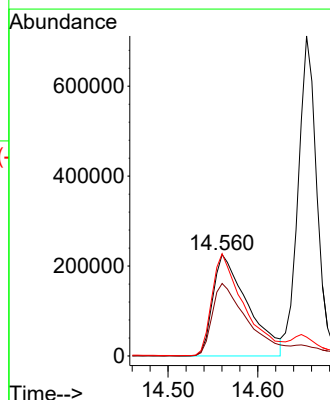
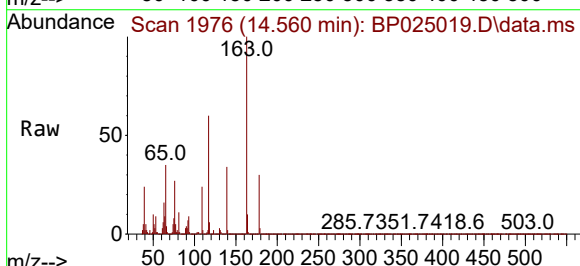
Instrument :
BNA_P
ClientSampleId :
TP-11MS

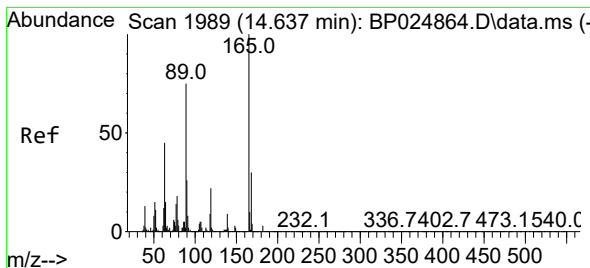
Tgt Ion:168 Resp: 2471302
Ion Ratio Lower Upper
168 100
139 39.9 31.6 47.4
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 70.660 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:139 Resp: 605984
Ion Ratio Lower Upper
139 100
109 71.4 53.1 93.1
65 100.7 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 46.183 ng

RT: 14.648 min Scan# 1989

Delta R.T. 0.011 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

Tgt Ion:165 Resp: 636726

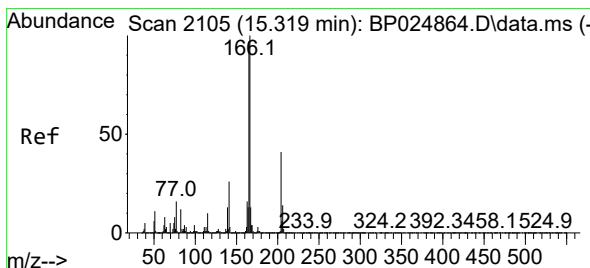
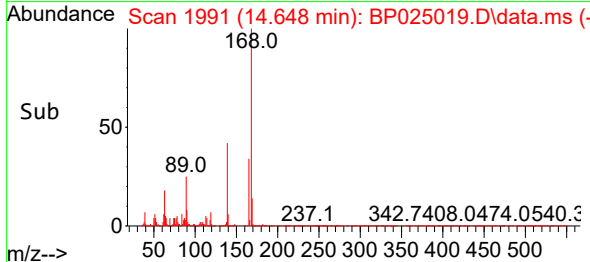
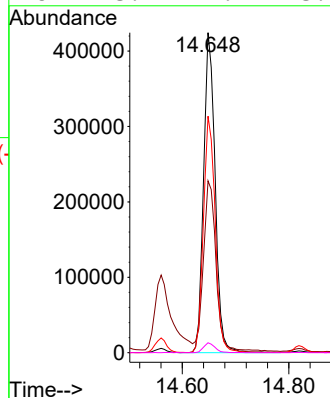
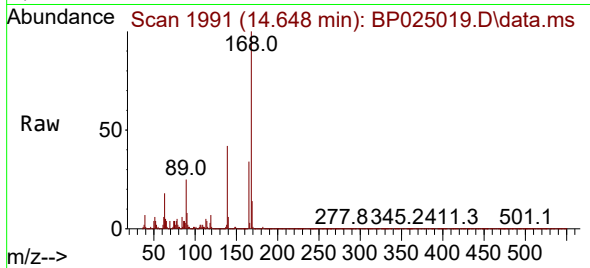
Ion Ratio Lower Upper

165 100

63 53.7 37.0 55.6

89 73.9 60.1 90.1

182 3.1 2.4 3.6



#58

Fluorene

Concen: 45.837 ng

RT: 15.319 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

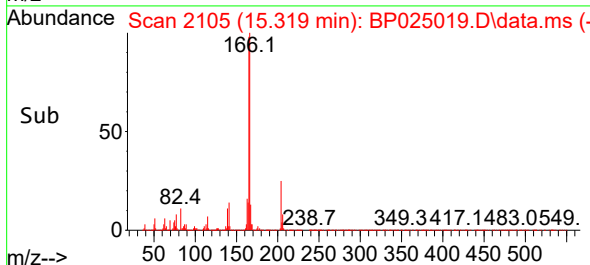
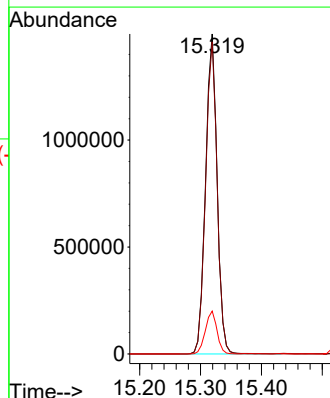
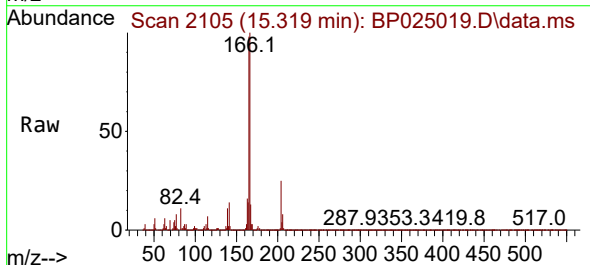
Tgt Ion:166 Resp: 1965851

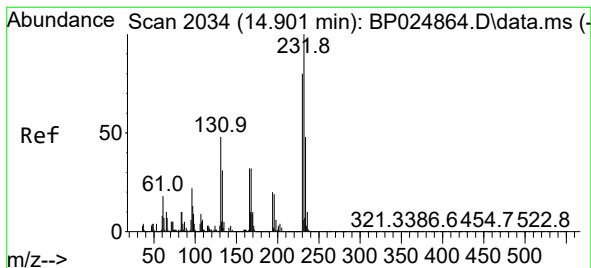
Ion Ratio Lower Upper

166 100

165 97.6 77.7 116.5

167 13.4 10.6 16.0

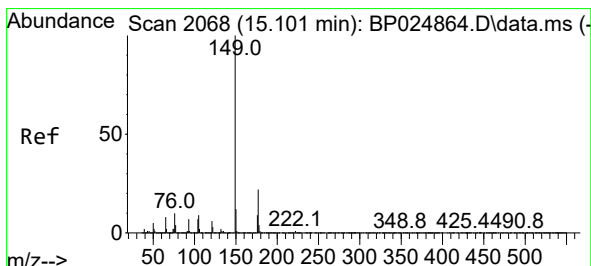
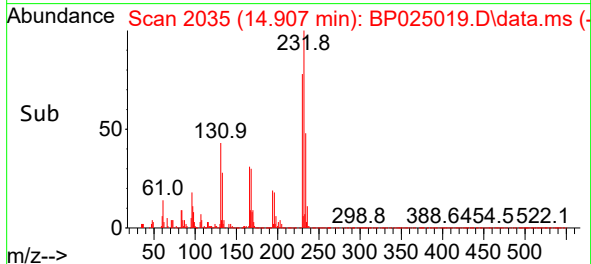
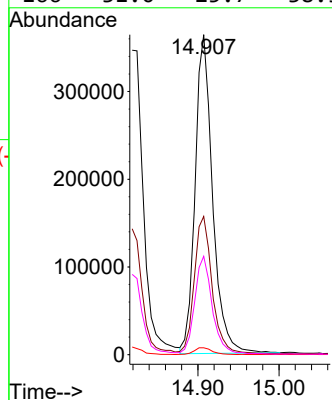
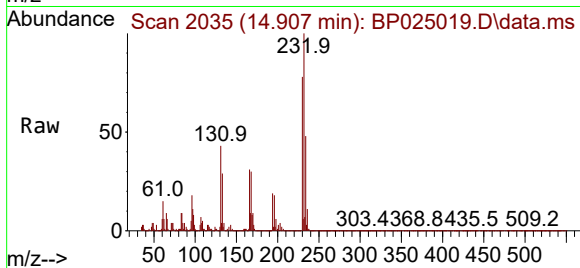




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.228 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

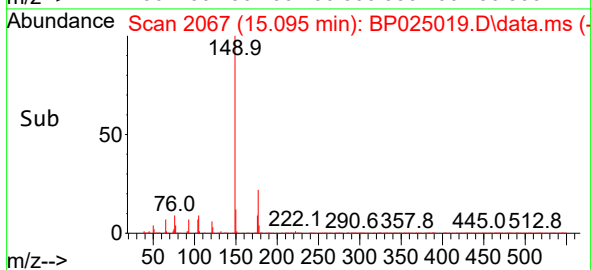
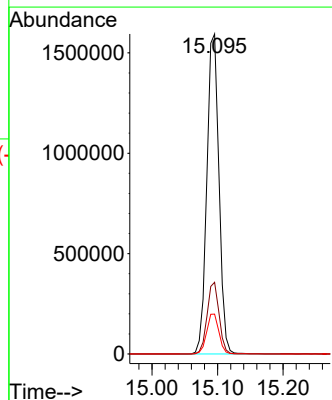
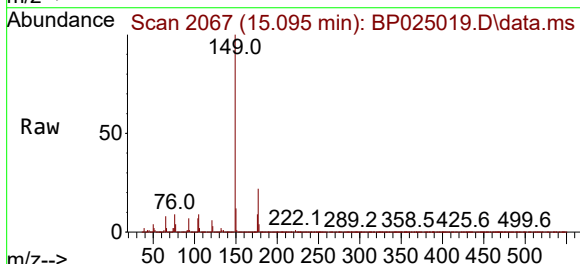
Instrument :
BNA_P
ClientSampleId :
TP-11MS

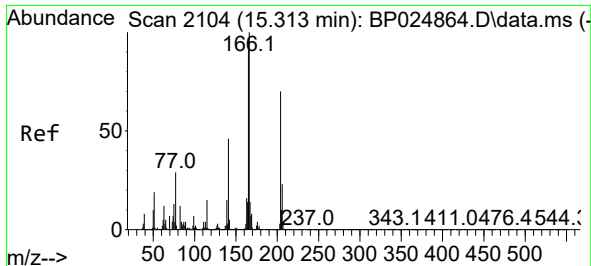
Tgt Ion:232 Resp: 545008
Ion Ratio Lower Upper
232 100
131 44.4 38.2 57.2
130 2.3 2.1 3.1
166 31.0 25.7 38.5



#60
Diethylphthalate
Concen: 45.120 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:149 Resp: 2055851
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.4 9.8 14.6

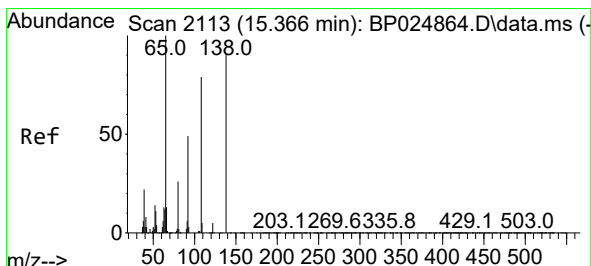
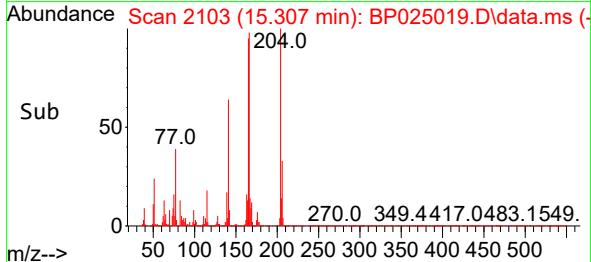
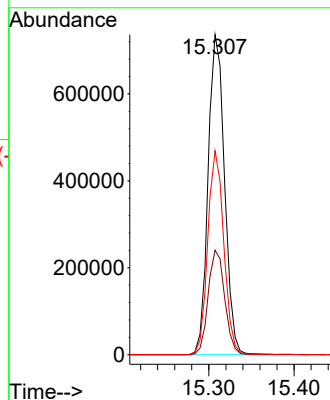
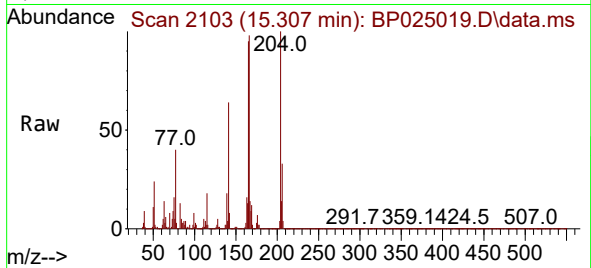




#61
4-Chlorophenyl-phenylether
Concen: 47.014 ng
RT: 15.307 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

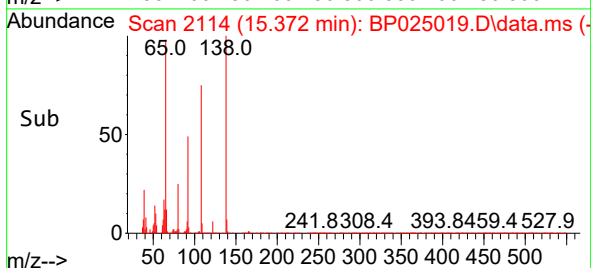
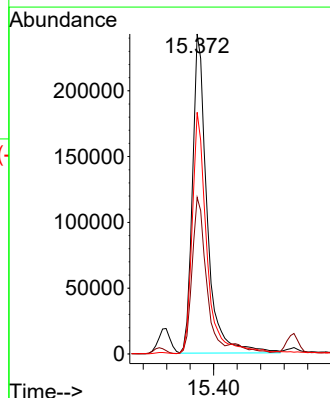
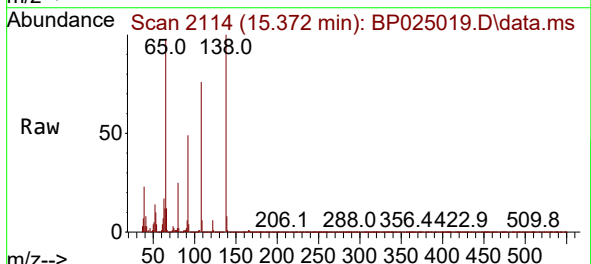
Instrument :
BNA_P
ClientSampleId :
TP-11MS

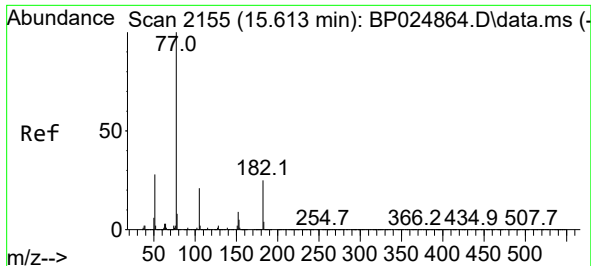
Tgt Ion:204 Resp: 985894
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 63.7 52.4 78.6



#62
4-Nitroaniline
Concen: 45.197 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:138 Resp: 419161
Ion Ratio Lower Upper
138 100
92 48.9 33.5 73.5
108 75.5 65.1 105.1



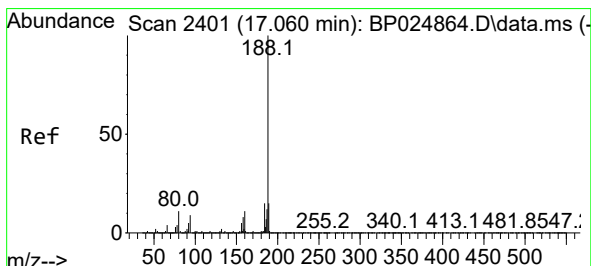
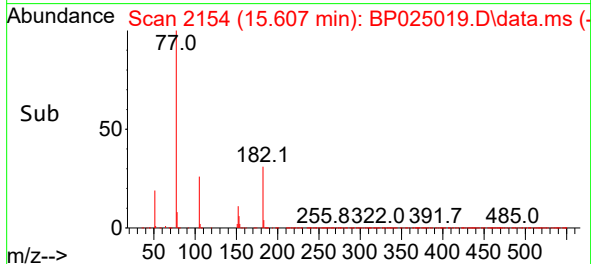
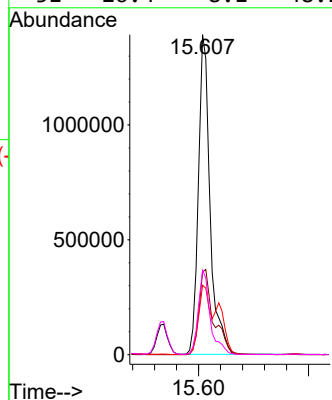
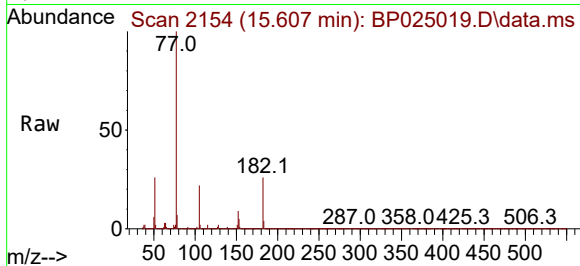


#63
Azobenzene
Concen: 49.247 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Instrument :
BNA_P
ClientSampleId :
TP-11MS

Tgt Ion: 77 Resp: 2057974

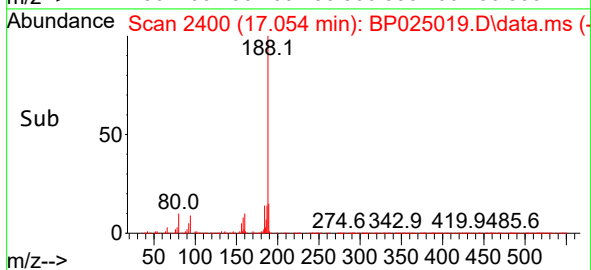
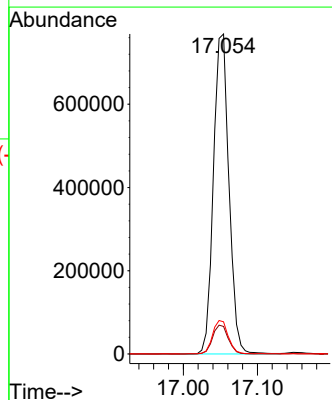
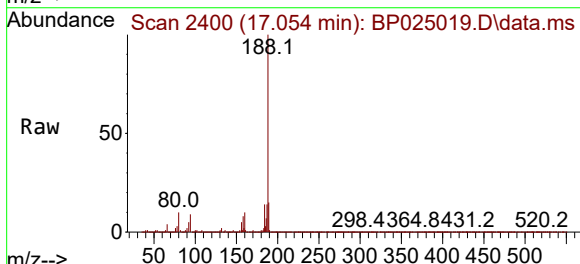
Ion	Ratio	Lower	Upper
77	100		
182	25.9	5.4	45.4
105	21.7	0.8	40.8
51	26.4	8.1	48.1

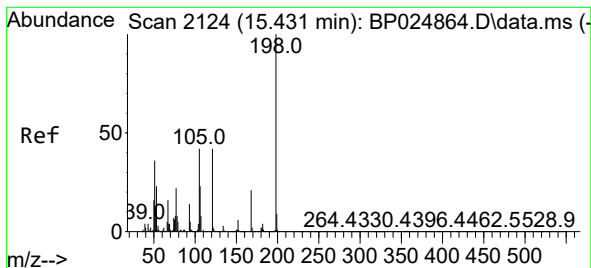


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion: 188 Resp: 1115890

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	10.0	8.5	12.7

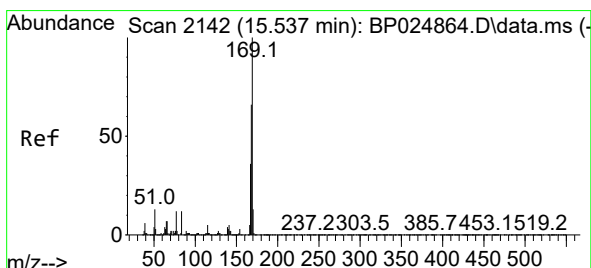
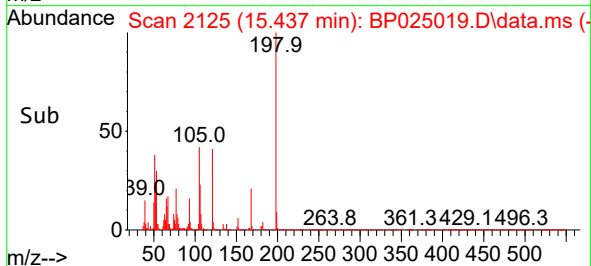
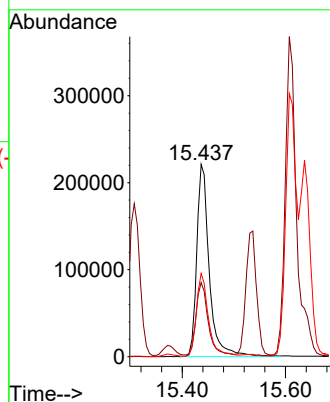
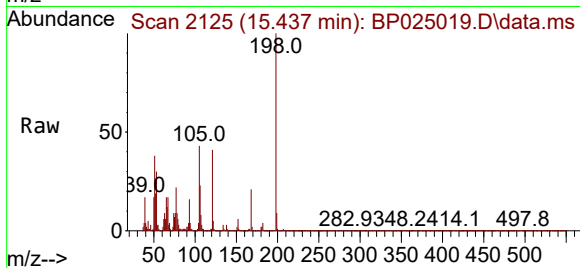




#65
4,6-Dinitro-2-methylphenol
Concen: 50.680 ng
RT: 15.437 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

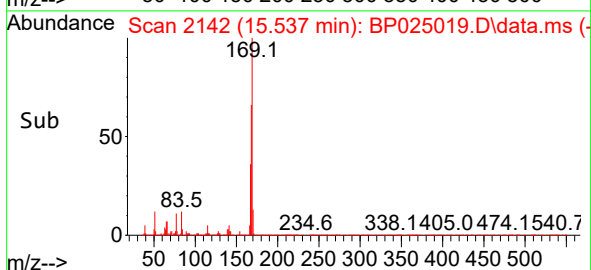
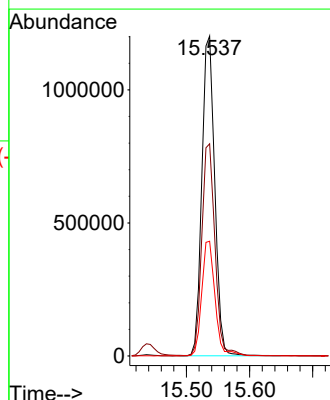
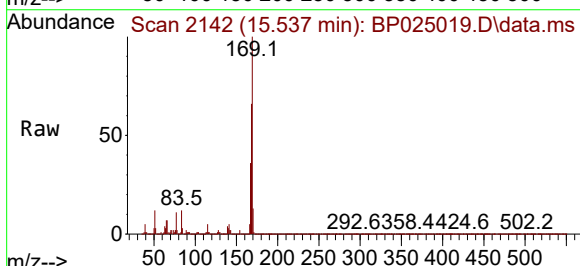
Instrument :
BNA_P
ClientSampleId :
TP-11MS

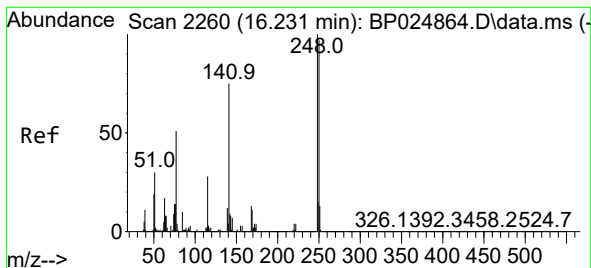
Tgt Ion:198 Resp: 371607
Ion Ratio Lower Upper
198 100
51 38.5 19.2 59.2
105 43.2 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 49.191 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:169 Resp: 1701400
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.8 28.6 43.0

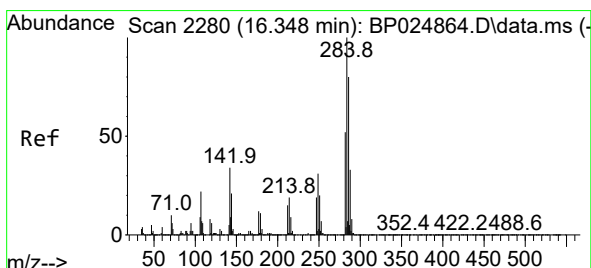
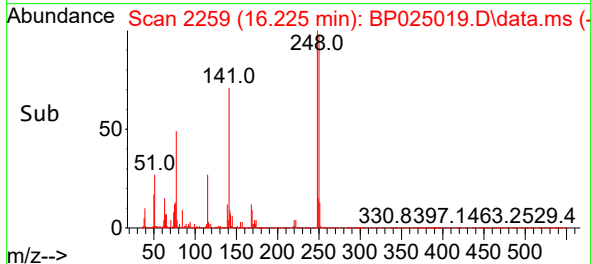
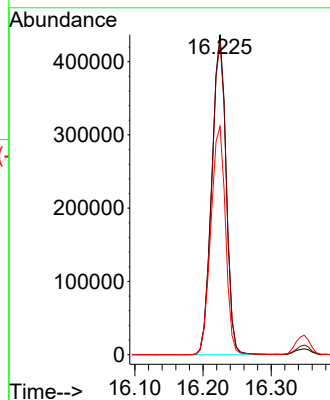
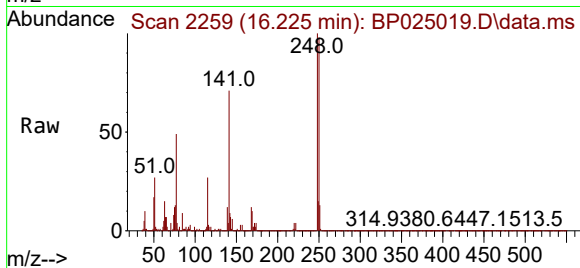




#67
4-Bromophenyl-phenylether
Concen: 50.789 ng
RT: 16.225 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

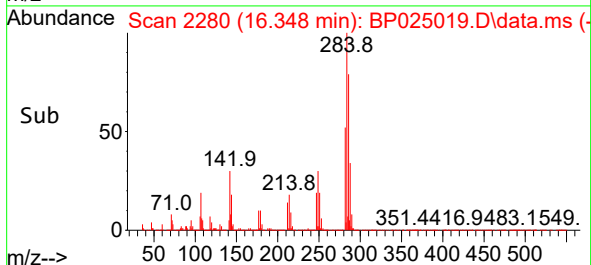
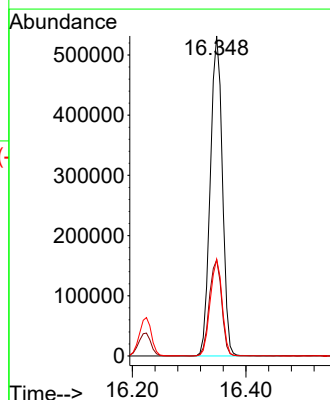
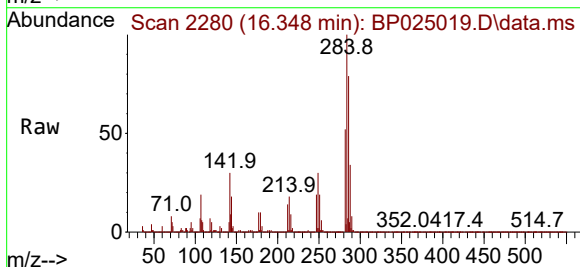
Instrument :
BNA_P
ClientSampleId :
TP-11MS

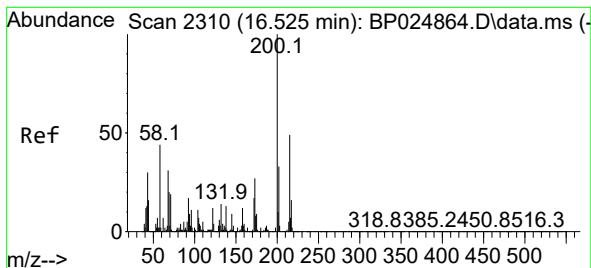
Tgt Ion:248 Resp: 639479
Ion Ratio Lower Upper
248 100
250 97.7 77.4 116.2
141 71.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 51.195 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:284 Resp: 781431
Ion Ratio Lower Upper
284 100
142 30.0 27.0 40.6
249 30.2 25.0 37.6





#69

Atrazine

Concen: 49.539 ng

RT: 16.519 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

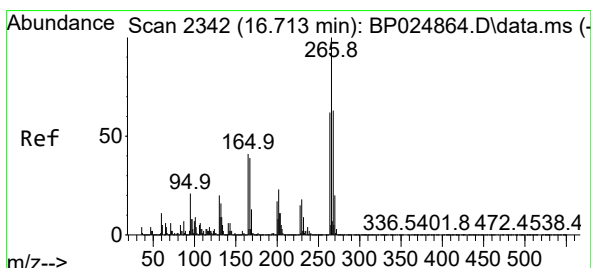
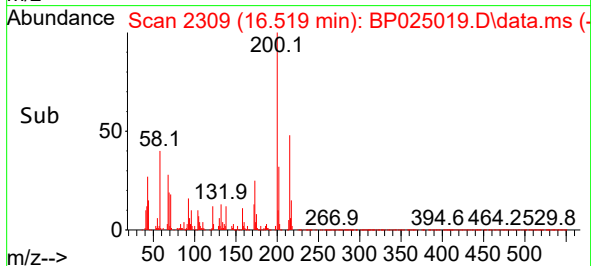
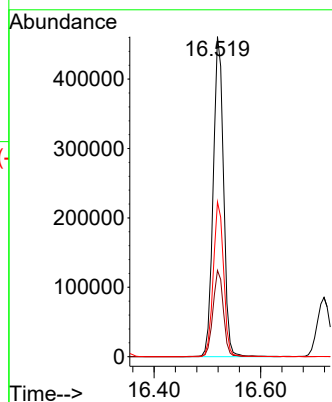
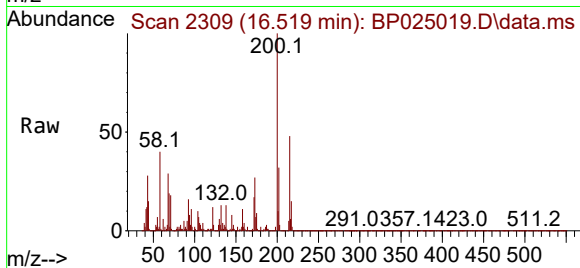
Tgt Ion:200 Resp: 621153

Ion Ratio Lower Upper

200 100

173 27.0 6.9 46.9

215 48.3 28.7 68.7



#70

Pentachlorophenol

Concen: 119.883 ng

RT: 16.719 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

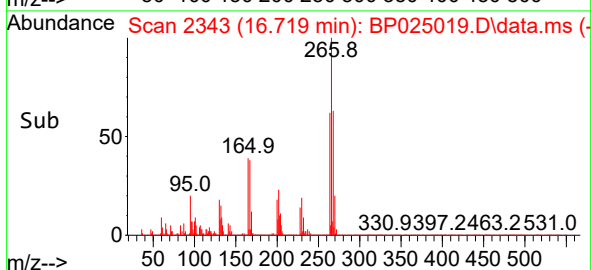
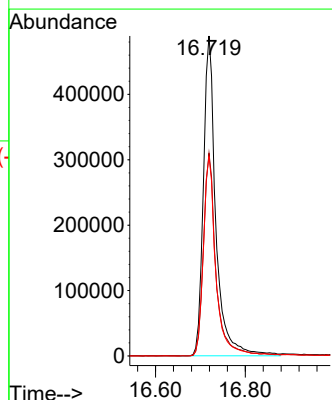
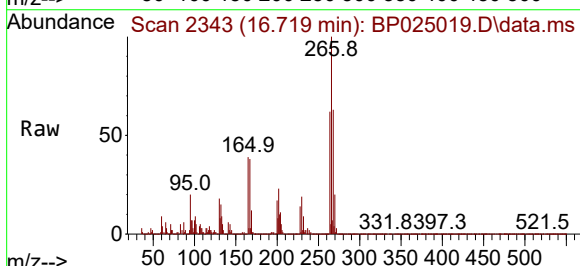
Tgt Ion:266 Resp: 947048

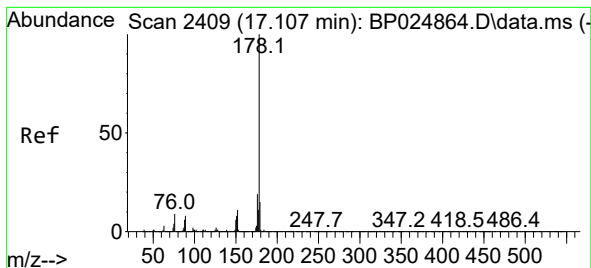
Ion Ratio Lower Upper

266 100

268 63.4 50.6 76.0

264 62.3 49.7 74.5





#71

Phenanthrene

Concen: 48.299 ng

RT: 17.095 min Scan# 2409

Delta R.T. -0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

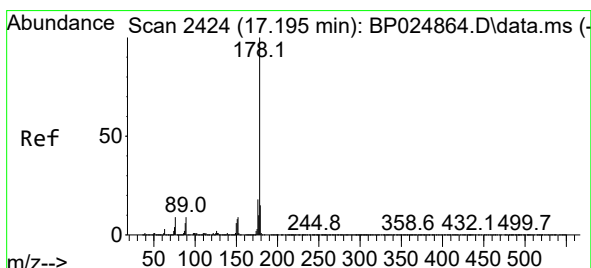
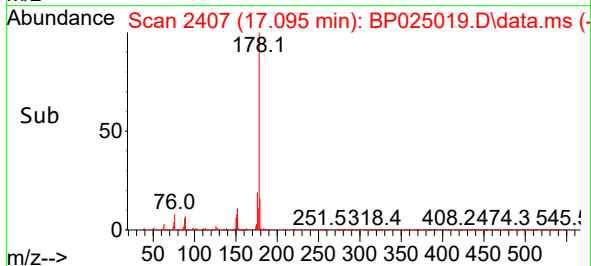
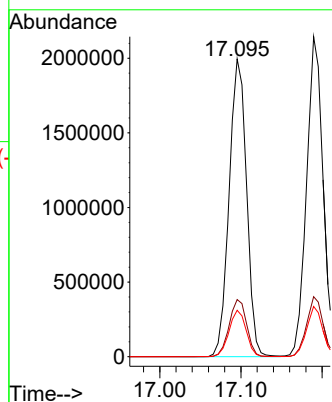
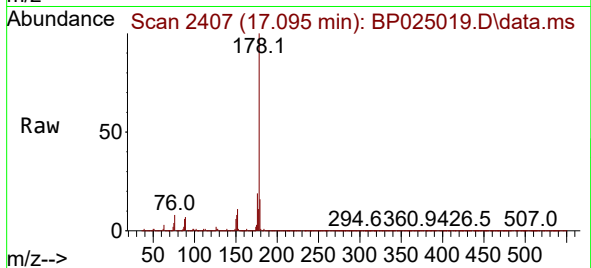
Tgt Ion:178 Resp: 2978389

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 12.1 18.1



#72

Anthracene

Concen: 48.986 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

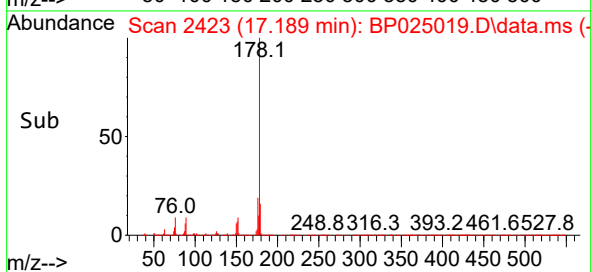
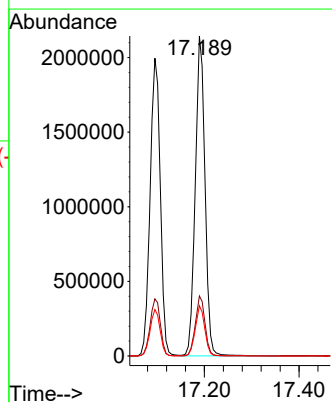
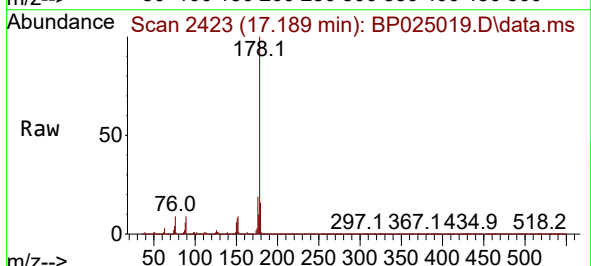
Tgt Ion:178 Resp: 3059345

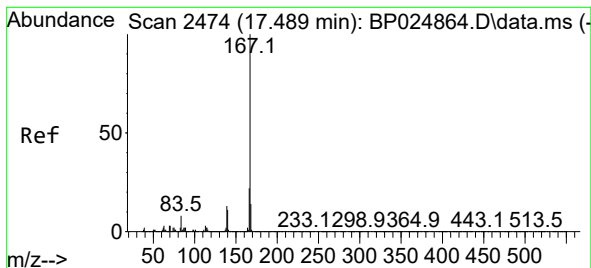
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.7 12.3 18.5





#73

Carbazole

Concen: 48.909 ng

RT: 17.484 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

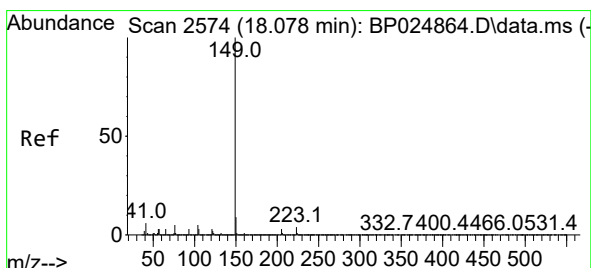
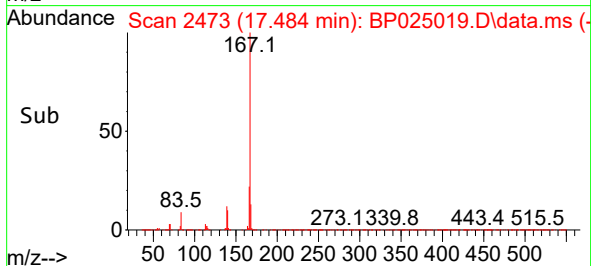
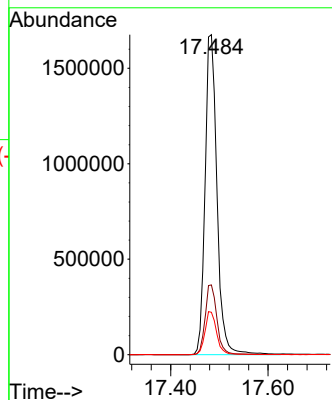
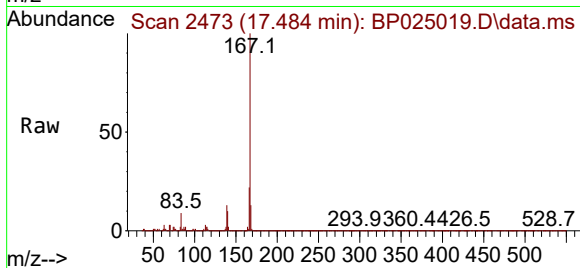
Tgt Ion:167 Resp: 2831253

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 50.197 ng

RT: 18.060 min Scan# 2571

Delta R.T. -0.018 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

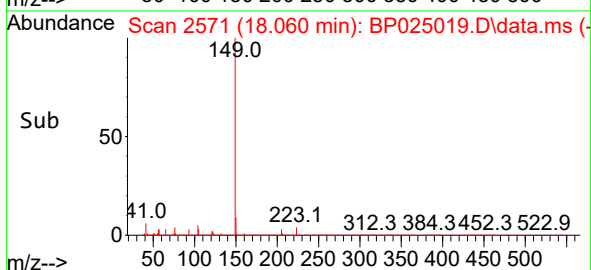
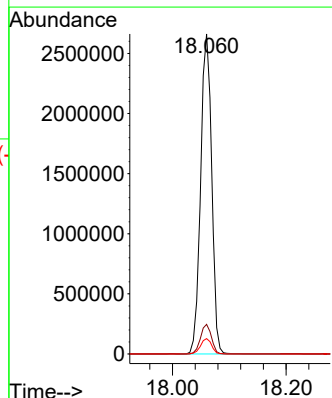
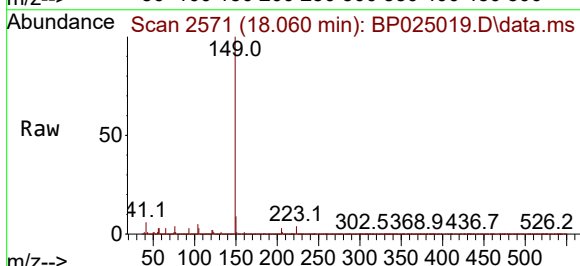
Tgt Ion:149 Resp: 3600244

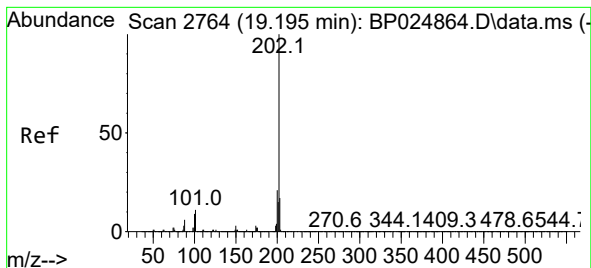
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 49.423 ng

RT: 19.189 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

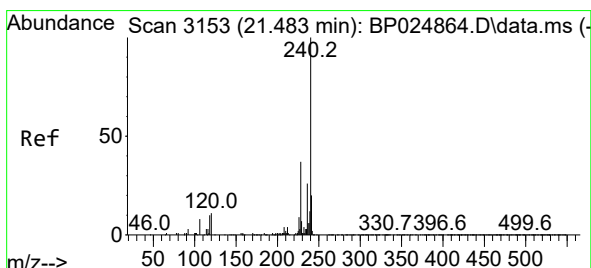
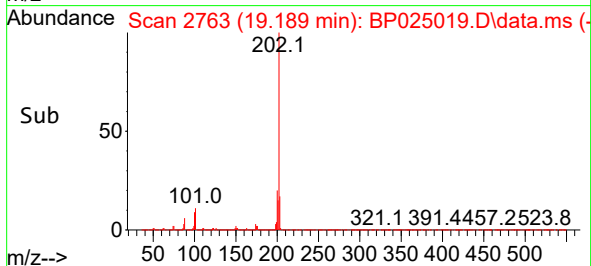
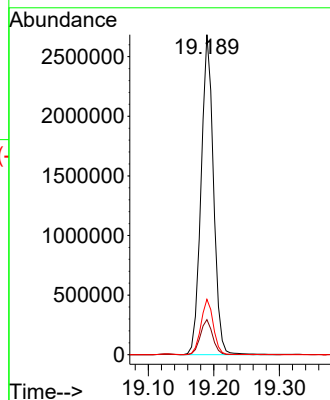
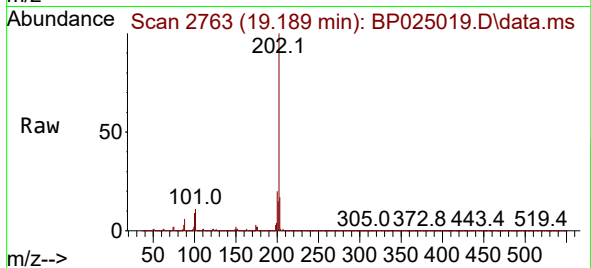
Tgt Ion:202 Resp: 3532449

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

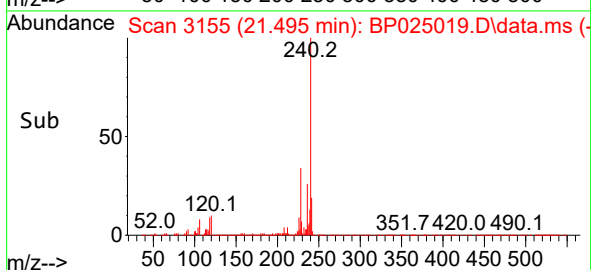
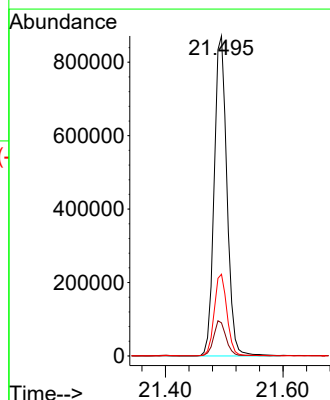
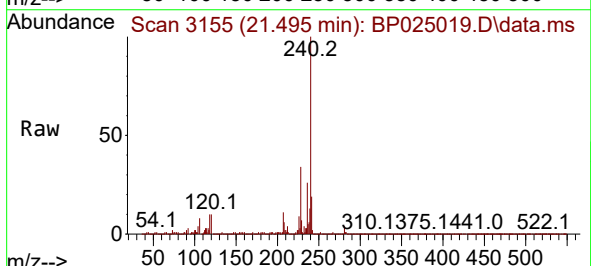
Tgt Ion:240 Resp: 1307203

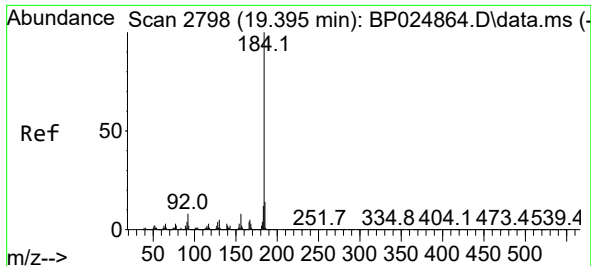
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 20.9 31.3

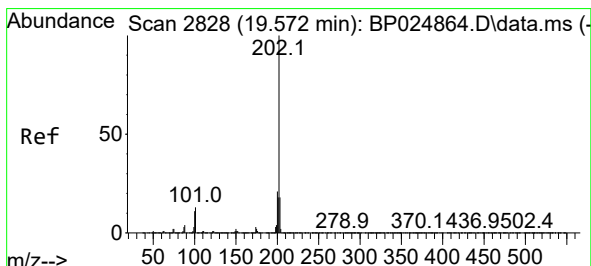
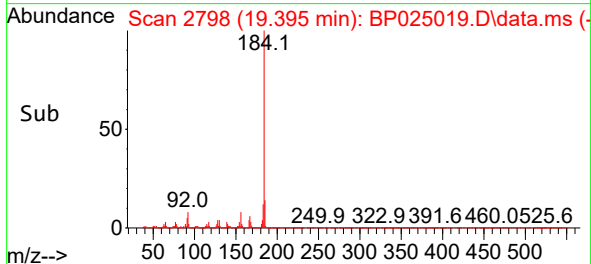
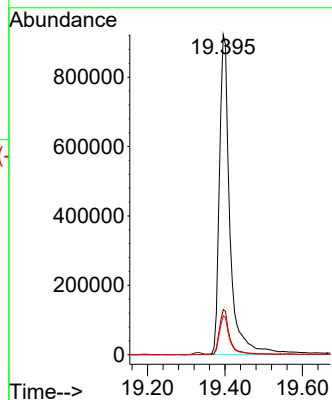
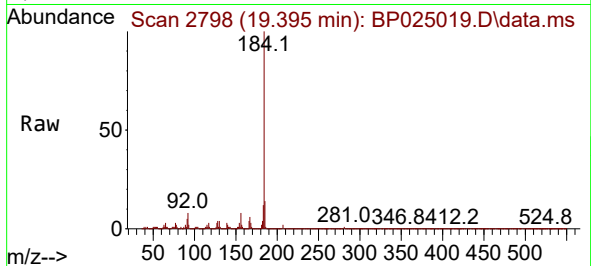




#77
Benzidine
Concen: 42.736 ng
RT: 19.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

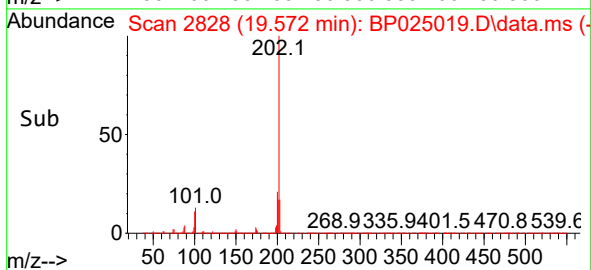
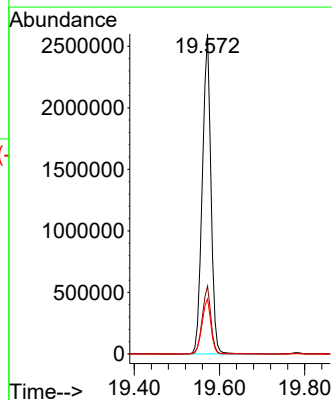
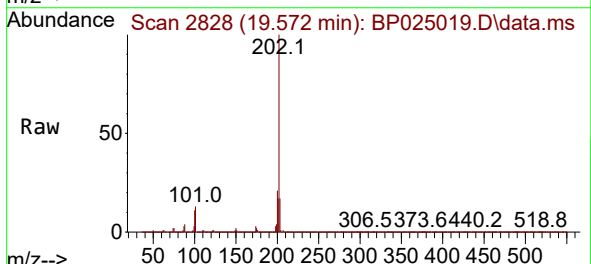
Instrument :
BNA_P
ClientSampleId :
TP-11MS

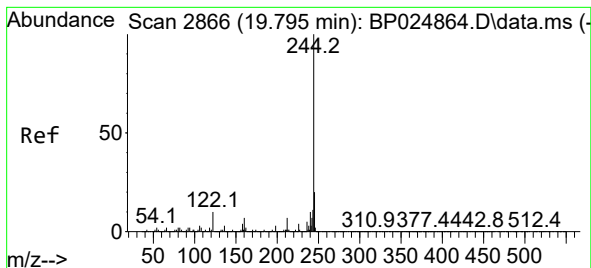
Tgt Ion:184 Resp: 1730199
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 12.1 9.5 14.3



#78
Pyrene
Concen: 44.619 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP025019.D
Acq: 20 Jun 2025 15:40

Tgt Ion:202 Resp: 3643851
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 56.213 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

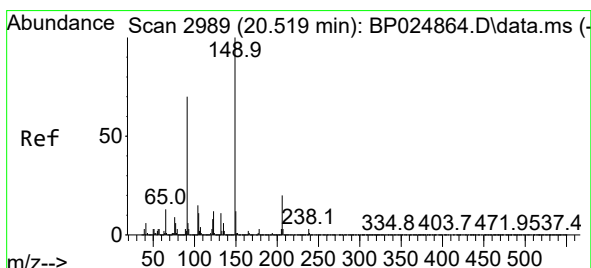
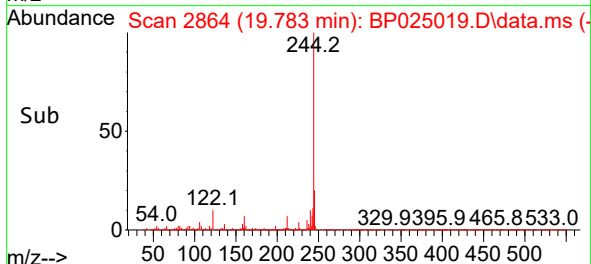
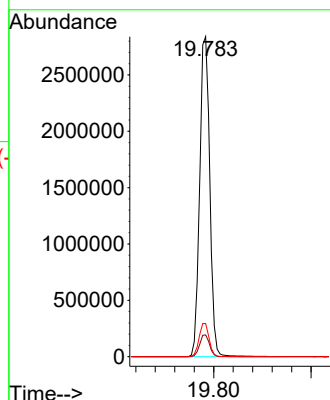
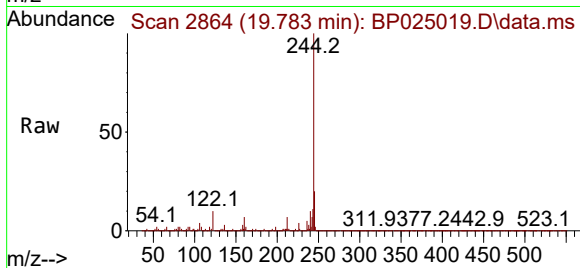
Tgt Ion:244 Resp: 4099949

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 46.420 ng

RT: 20.519 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

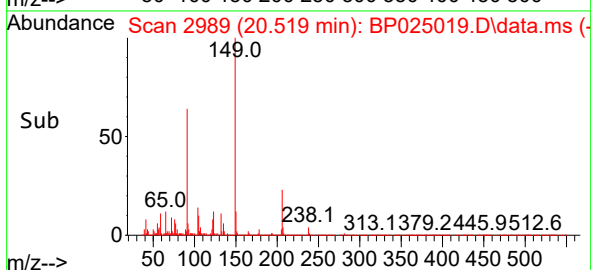
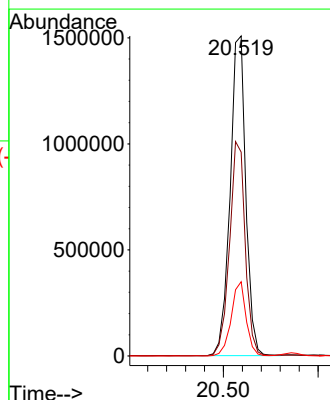
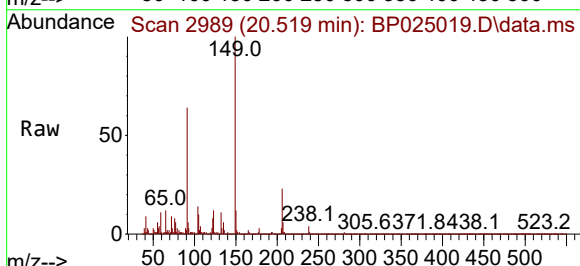
Tgt Ion:149 Resp: 1736449

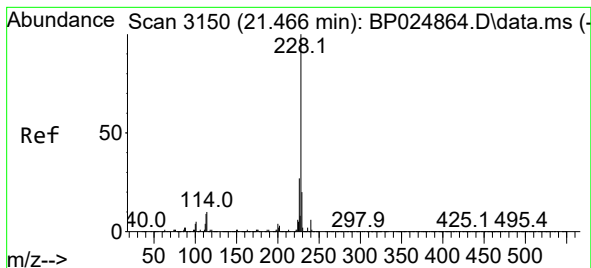
Ion Ratio Lower Upper

149 100

91 63.7 55.8 83.8

206 23.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.309 ng

RT: 21.477 min Scan# 3150

Delta R.T. 0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

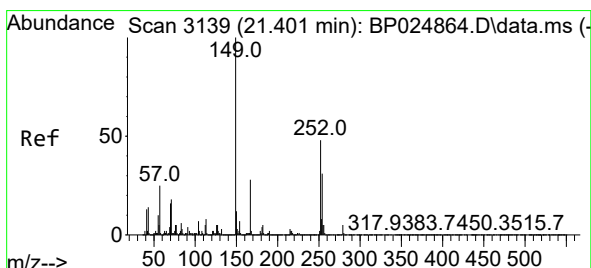
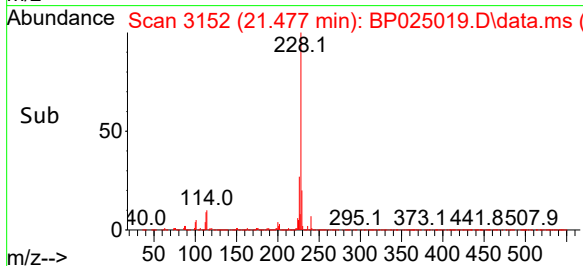
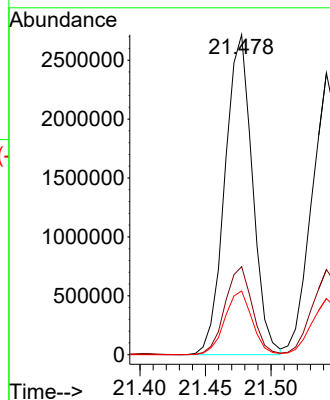
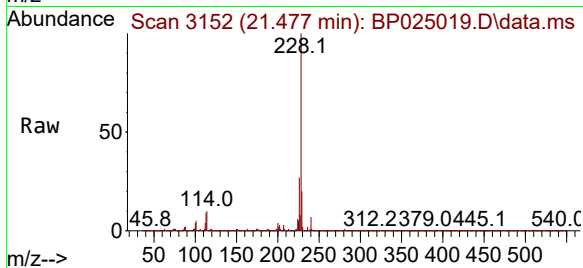
Tgt Ion:228 Resp: 3955338

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 27.592 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

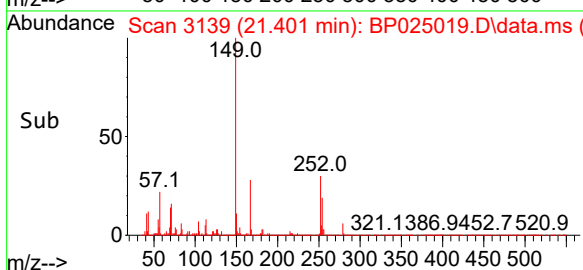
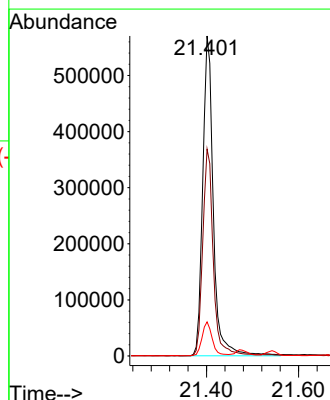
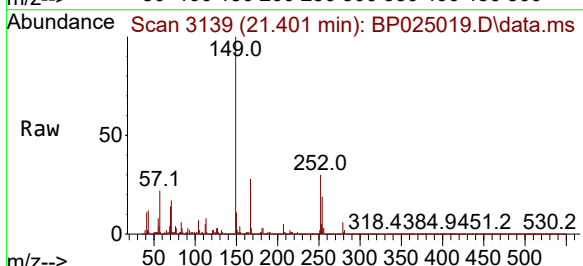
Tgt Ion:252 Resp: 915838

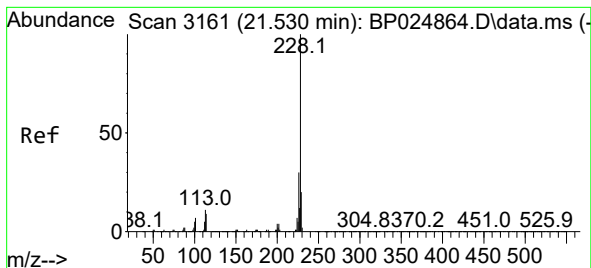
Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

126 10.6 8.6 12.8





#83

Chrysene

Concen: 47.864 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

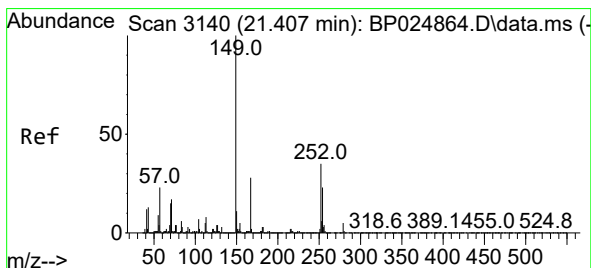
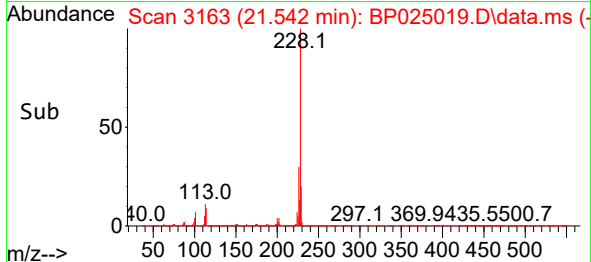
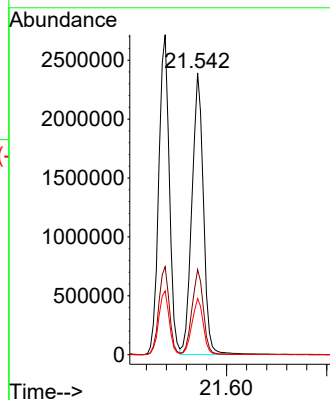
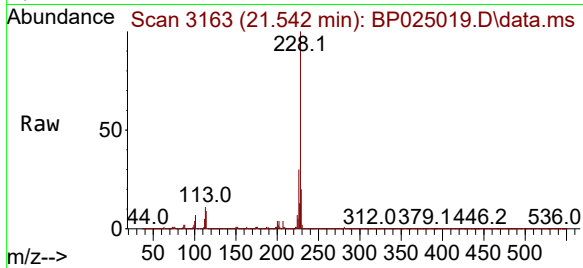
Tgt Ion:228 Resp: 3791713

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.082 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

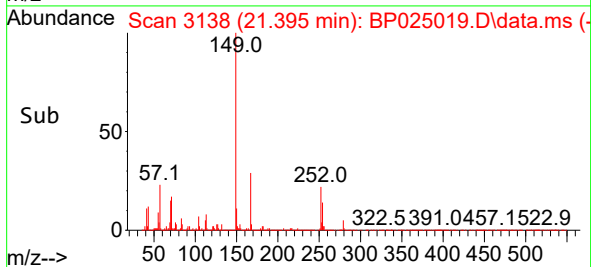
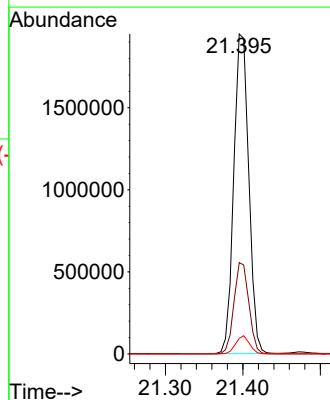
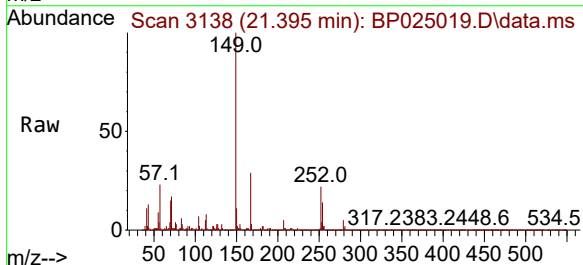
Tgt Ion:149 Resp: 2630585

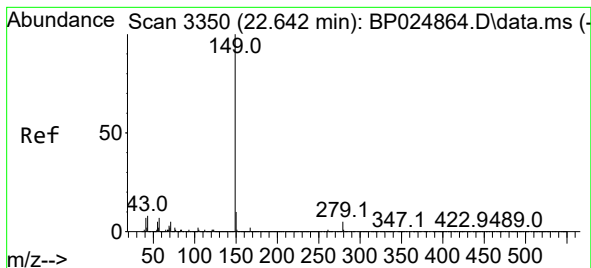
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

279 4.9 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.497 ng

RT: 22.648 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

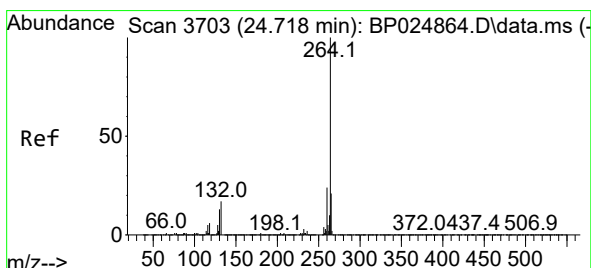
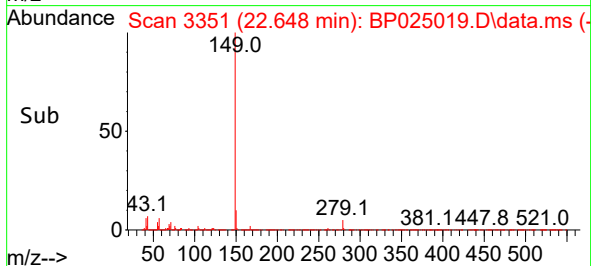
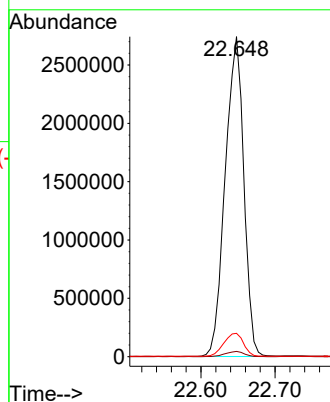
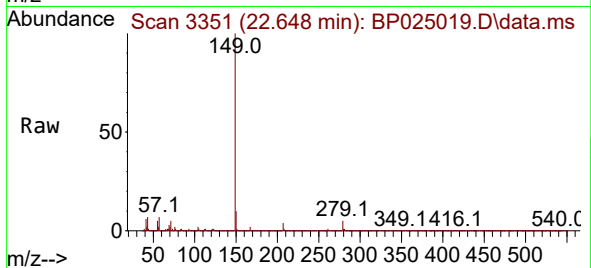
Tgt Ion:149 Resp: 4770428

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

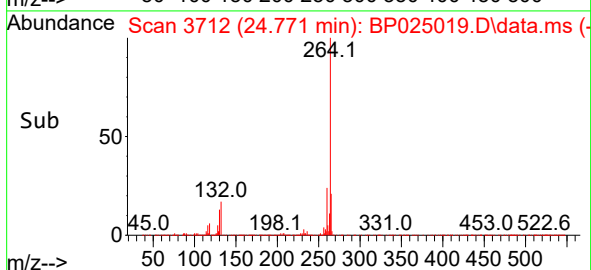
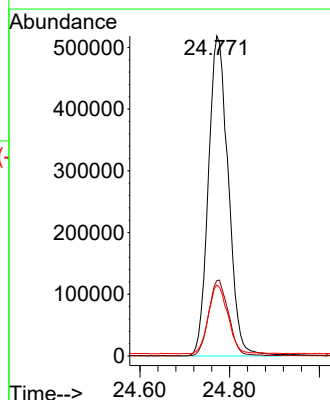
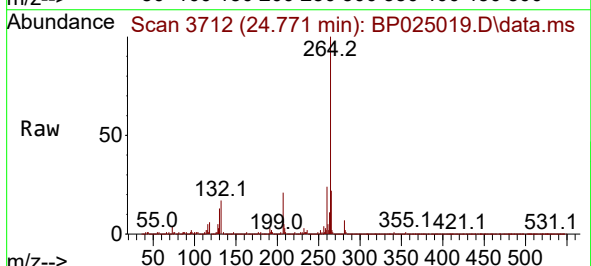
Tgt Ion:264 Resp: 1598166

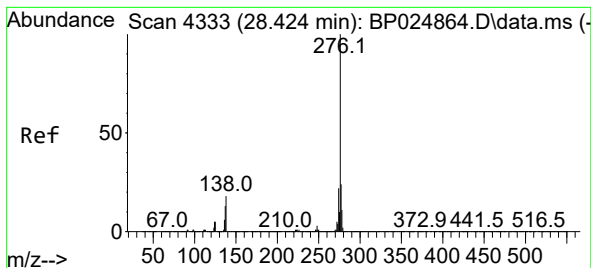
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.378 ng

RT: 28.501 min Scan# 41

Delta R.T. 0.077 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

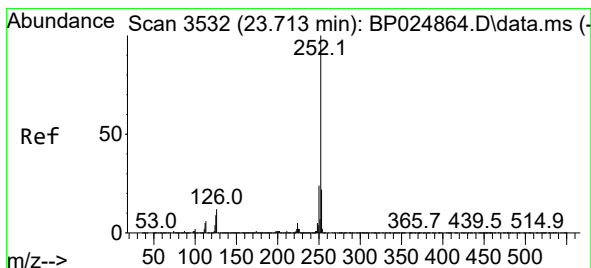
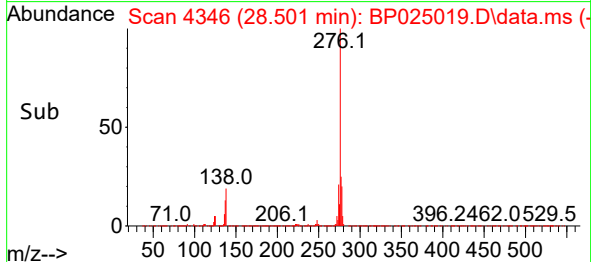
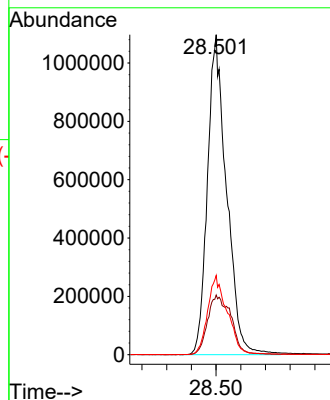
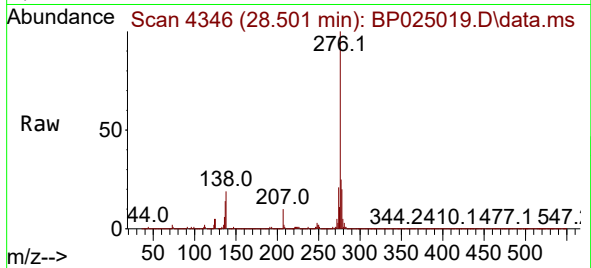
Tgt Ion:276 Resp: 5874356

Ion Ratio Lower Upper

276 100

138 22.8 18.6 27.8

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.911 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.024 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

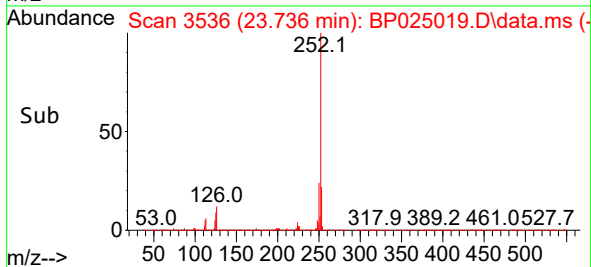
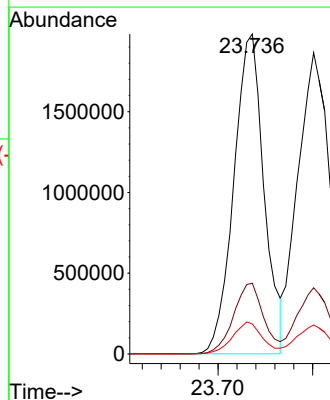
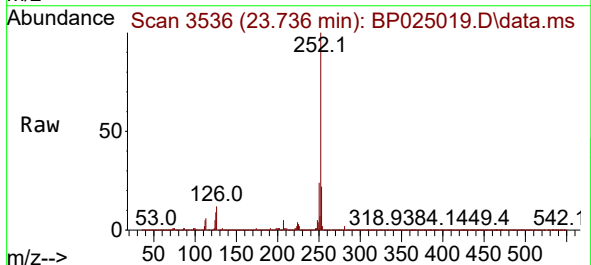
Tgt Ion:252 Resp: 4382131

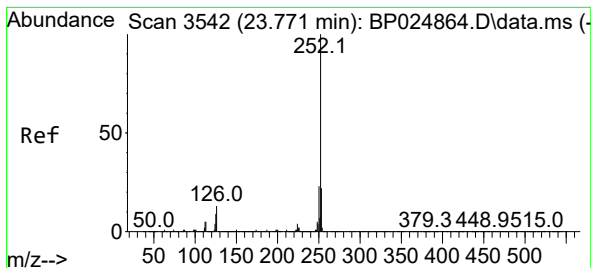
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.223 ng

RT: 23.801 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

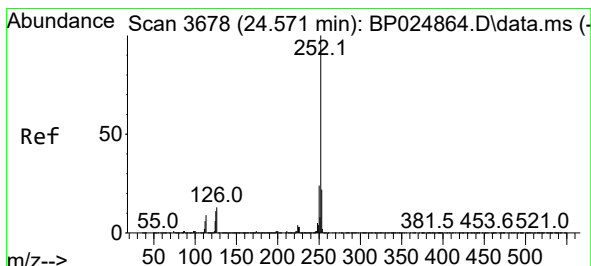
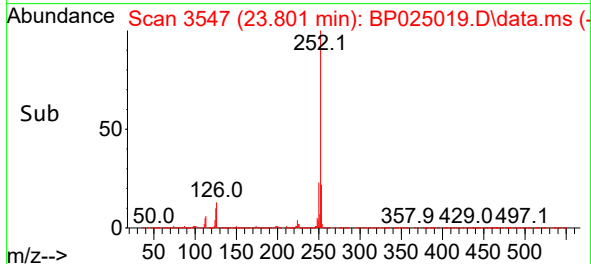
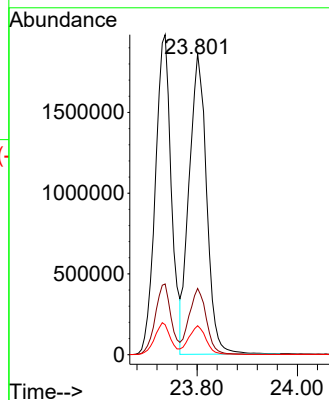
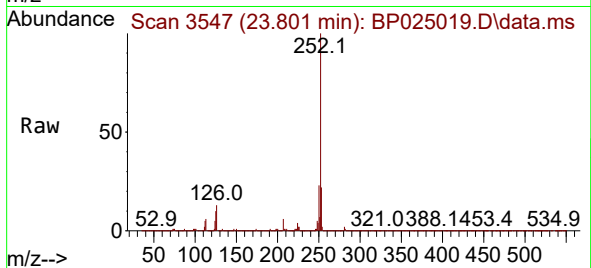
Tgt Ion:252 Resp: 4489669

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.544 ng

RT: 24.613 min Scan# 3685

Delta R.T. 0.041 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

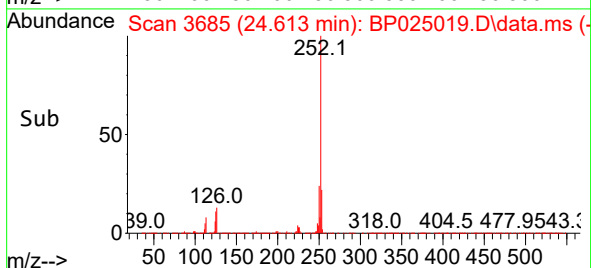
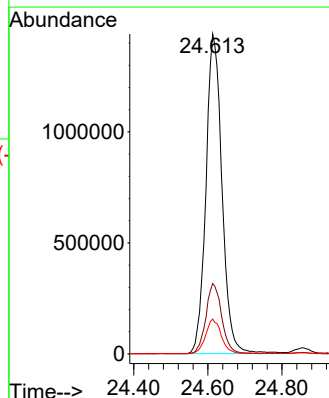
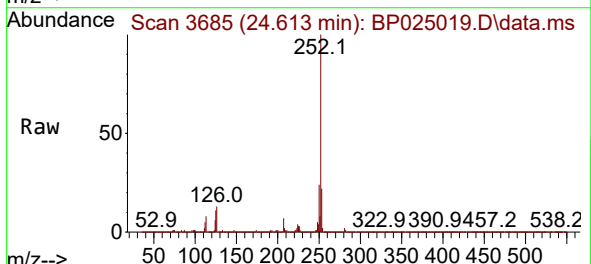
Tgt Ion:252 Resp: 4336029

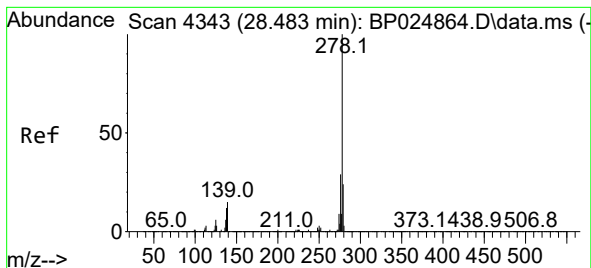
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.509 ng

RT: 28.554 min Scan# 41

Delta R.T. 0.071 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Instrument :

BNA_P

ClientSampleId :

TP-11MS

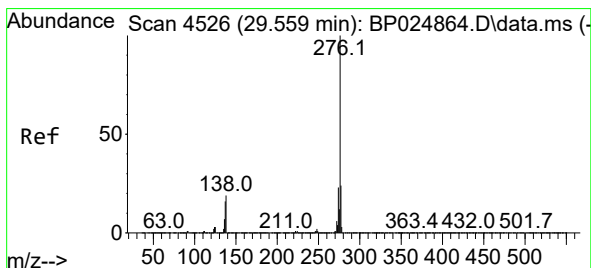
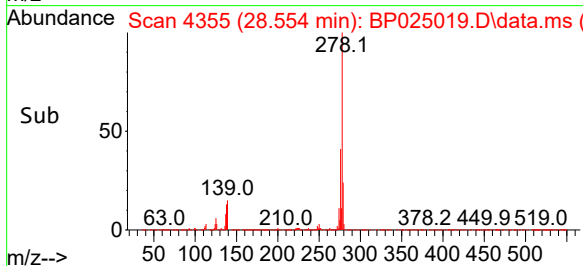
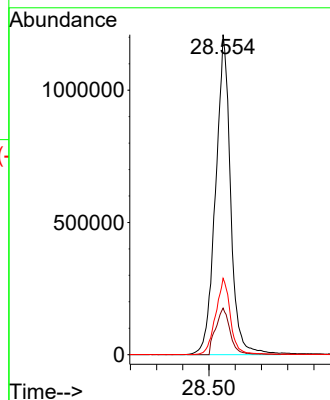
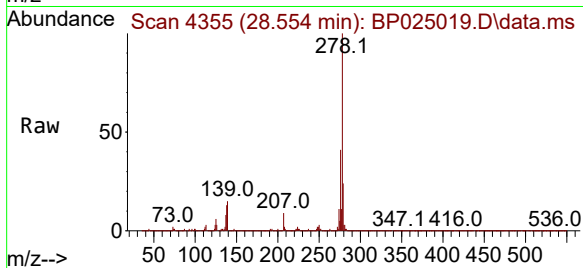
Tgt Ion:278 Resp: 4794044

Ion Ratio Lower Upper

278 100

139 14.6 12.0 18.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.234 ng

RT: 29.648 min Scan# 4541

Delta R.T. 0.088 min

Lab File: BP025019.D

Acq: 20 Jun 2025 15:40

Tgt Ion:276 Resp: 4730729

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 18.3 15.4 23.2

