

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
 Data File : BP025007.D
 Acq On : 19 Jun 2025 19:08
 Operator : RC/JU
 Sample : Q2347-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10MSD

Quant Time: Jun 20 01:13:54 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	256103	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1009701	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	615822	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1249087	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1308170	20.000	ng	0.01
86) Perylene-d12	24.765	264	1527853	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1617814	105.444	ng	0.00
7) Phenol-d6	6.813	99	2087706	102.842	ng	0.00
23) Nitrobenzene-d5	8.754	82	1269394	61.091	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	928676	109.075	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2748203	60.117	ng	0.00
79) Terphenyl-d14	19.783	244	4387058	60.105	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	261359	38.714	ng	99
3) Pyridine	3.561	79	674552	41.548	ng	99
4) n-Nitrosodimethylamine	3.472	42	288015	43.392	ng	93
6) Aniline	6.943	93	751711	29.016	ng	100
8) 2-Chlorophenol	7.184	128	820397	47.168	ng	100
9) Benzaldehyde	6.760	77	535651	45.779	ng	100
10) Phenol	6.837	94	987188	47.172	ng	97
11) bis(2-Chloroethyl)ether	7.037	93	727221	44.182	ng	100
12) 1,3-Dichlorobenzene	7.490	146	851172	43.867	ng	99
13) 1,4-Dichlorobenzene	7.637	146	857924	43.821	ng	99
14) 1,2-Dichlorobenzene	7.949	146	829329	43.138	ng	99
15) Benzyl Alcohol	7.854	79	704875	45.243	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.119	45	938524	43.564	ng	99
17) 2-Methylphenol	8.066	107	671577	45.955	ng	98
18) Hexachloroethane	8.654	117	325767	44.197	ng	96
19) n-Nitroso-di-n-propyla...	8.401	70	575544	41.705	ng	100
20) 3+4-Methylphenols	8.396	107	896635	44.971	ng	97
22) Acetophenone	8.425	105	1142688	44.793	ng	# 99
24) Nitrobenzene	8.801	77	852776	46.197	ng	98
25) Isophorone	9.319	82	1608274	44.660	ng	100
26) 2-Nitrophenol	9.501	139	441229	48.444	ng	99
27) 2,4-Dimethylphenol	9.578	122	737667	47.323	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	976691	45.467	ng	98
29) 2,4-Dichlorophenol	10.060	162	739099	49.416	ng	99
30) 1,2,4-Trichlorobenzene	10.237	180	763077	45.234	ng	100
31) Naphthalene	10.419	128	2353821	45.490	ng	99
32) Benzoic acid	9.784	122	575259	54.612	ng	99
33) 4-Chloroaniline	10.554	127	483590	22.307	ng	99
34) Hexachlorobutadiene	10.695	225	465748	45.808	ng	99
35) Caprolactam	11.360	113	269335	48.921	ng	96
36) 4-Chloro-3-methylphenol	11.707	107	828727	48.038	ng	99
37) 2-Methylnaphthalene	12.042	142	1505667	45.874	ng	99
38) 1-Methylnaphthalene	12.266	142	1576082	44.915	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	844665	48.338	ng	99
41) Hexachlorocyclopentadiene	12.384	237	844810	79.264	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	600238	51.149	ng	98

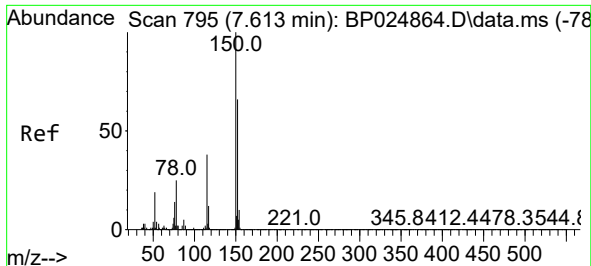
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 QLast Update : Fri Jun 06 16:20:27 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	658524	52.398	ng	98
46) 1,1'-Biphenyl	13.072	154	2135117	47.709	ng	99
47) 2-Chloronaphthalene	13.113	162	1628681	47.350	ng	99
48) 2-Nitroaniline	13.342	65	530296	50.148	ng	95
49) Acenaphthylene	13.966	152	2727641	47.560	ng	100
50) Dimethylphthalate	13.707	163	2131155	46.913	ng	99
51) 2,6-Dinitrotoluene	13.842	165	481655	49.182	ng	96
52) Acenaphthene	14.319	154	1574892	47.921	ng	99
53) 3-Nitroaniline	14.189	138	292308	28.762	ng	99
54) 2,4-Dinitrophenol	14.413	184	647775	100.079	ng	96
55) Dibenzofuran	14.660	168	2485168	47.109	ng	100
56) 4-Nitrophenol	14.560	139	735984	85.165	ng	96
57) 2,4-Dinitrotoluene	14.654	165	687020	50.150	ng	95
58) Fluorene	15.319	166	2041782	47.912	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	569986	50.761	ng	99
60) Diethylphthalate	15.089	149	2175202	48.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	992505	47.632	ng	97
62) 4-Nitroaniline	15.372	138	482604	52.371	ng	93
63) Azobenzene	15.613	77	2253120	54.262	ng	98
65) 4,6-Dinitro-2-methylph...	15.436	198	404357	49.266	ng	98
66) n-Nitrosodiphenylamine	15.542	169	1818455	46.969	ng	100
67) 4-Bromophenyl-phenylether	16.230	248	654553	46.443	ng	99
68) Hexachlorobenzene	16.354	284	779037	45.596	ng	96
69) Atrazine	16.525	200	670358	47.763	ng	99
70) Pentachlorophenol	16.713	266	997318	112.784	ng	99
71) Phenanthrene	17.101	178	3181572	46.092	ng	99
72) Anthracene	17.195	178	3335317	47.710	ng	99
73) Carbazole	17.483	167	3132092	48.337	ng	100
74) Di-n-butylphthalate	18.060	149	3936416	49.032	ng	99
75) Fluoranthene	19.189	202	3829480	47.866	ng	99
77) Benzidine	19.395	184	1908036	47.093	ng	100
78) Pyrene	19.566	202	3981423	48.716	ng	100
80) Butylbenzylphthalate	20.519	149	1878758	50.187	ng	96
81) Benzo(a)anthracene	21.477	228	3927926	46.947	ng	99
82) 3,3'-Dichlorobenzidine	21.401	252	1083650	32.624	ng	100
83) Chrysene	21.542	228	3732223	47.078	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2704452	50.423	ng	99
85) Di-n-octyl phthalate	22.636	149	4660187	49.294	ng	99
87) Indeno(1,2,3-cd)pyrene	28.495	276	5453869	48.924	ng	# 91
88) Benzo(b)fluoranthene	23.730	252	4168657	47.675	ng	98
89) Benzo(k)fluoranthene	23.801	252	4054783	45.557	ng	98
90) Benzo(a)pyrene	24.612	252	4026608	47.154	ng	99
91) Dibenzo(a,h)anthracene	28.559	278	4443108	48.966	ng	99
92) Benzo(g,h,i)perylene	29.647	276	4438842	49.304	ng	98

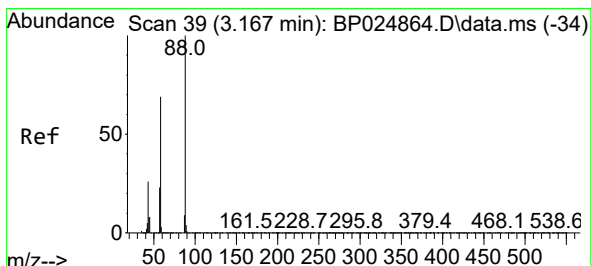
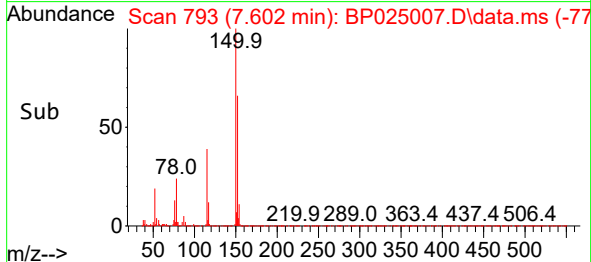
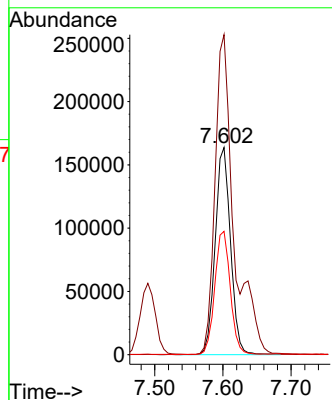
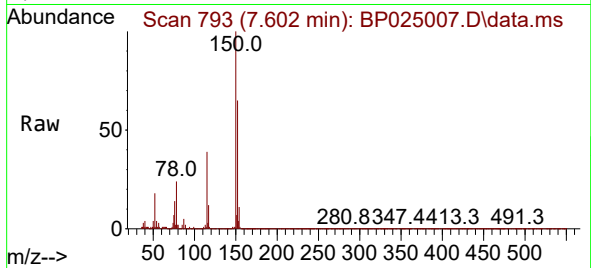
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025007.D
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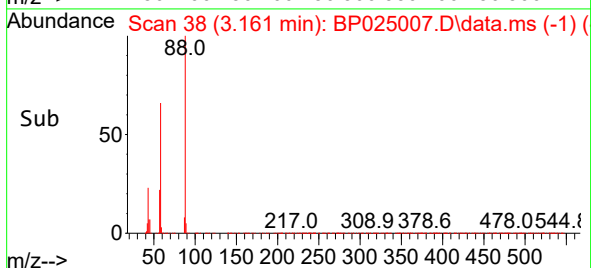
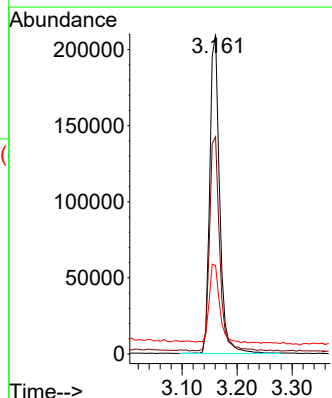
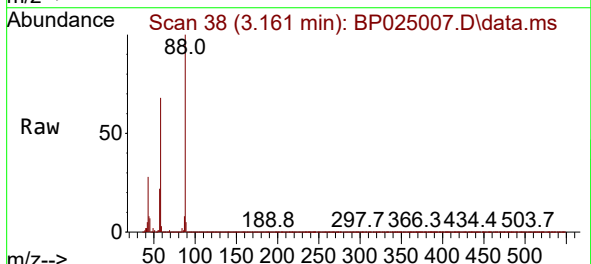
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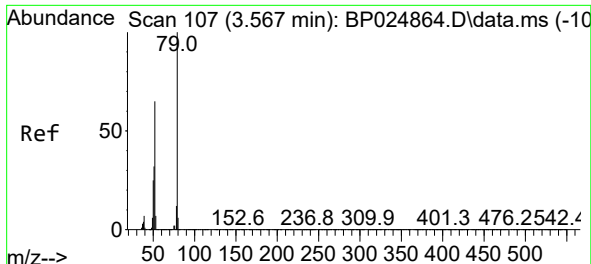
Tgt Ion:152 Resp: 256103
Ion Ratio Lower Upper
152 100
150 154.5 122.1 183.1
115 59.6 46.4 69.6



#2
1,4-Dioxane
Concen: 38.714 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 88 Resp: 261359
Ion Ratio Lower Upper
88 100
58 68.3 55.4 83.0
43 25.4 20.8 31.2

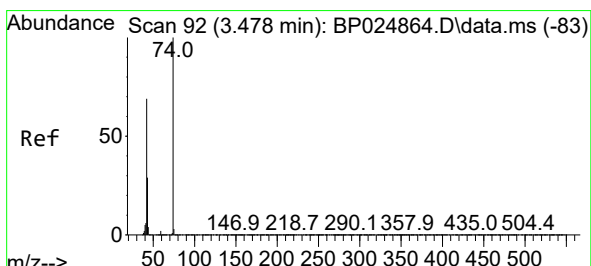
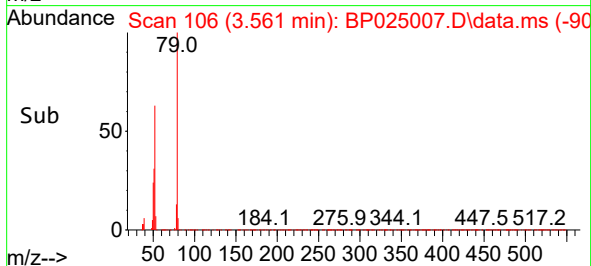
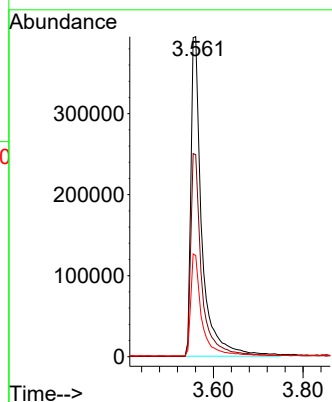
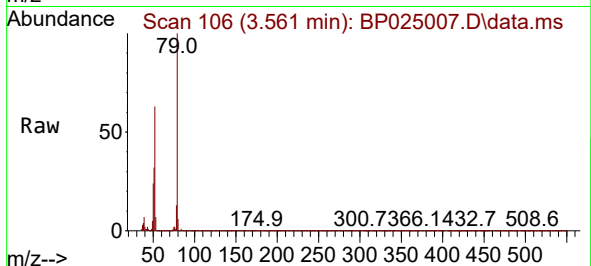




#3
 Pyridine
 Concen: 41.548 ng
 RT: 3.561 min Scan# 106
 Delta R.T. -0.006 min
 Lab File: BP025007.D
 Acq: 19 Jun 2025 19:08

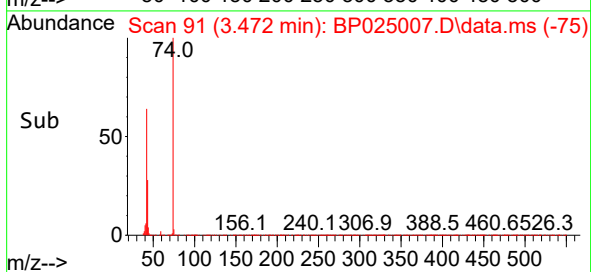
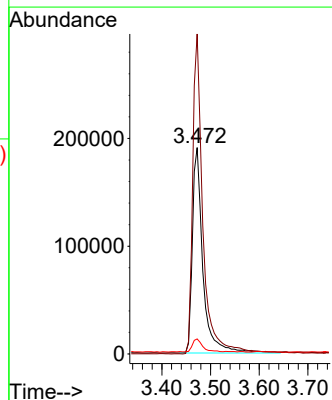
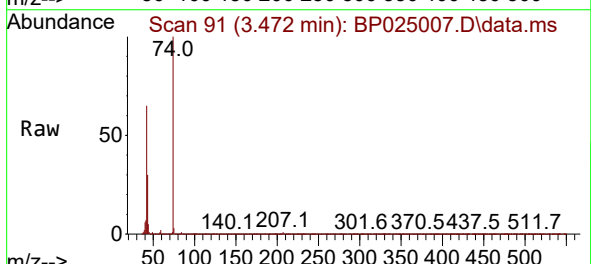
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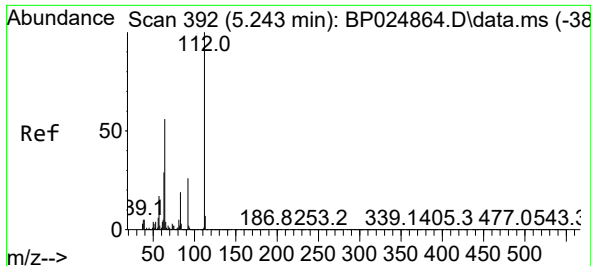
Tgt Ion: 79 Resp: 674552
 Ion Ratio Lower Upper
 79 100
 52 63.2 51.6 77.4
 51 31.6 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 43.392 ng
 RT: 3.472 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP025007.D
 Acq: 19 Jun 2025 19:08

Tgt Ion: 42 Resp: 288015
 Ion Ratio Lower Upper
 42 100
 74 155.0 116.6 174.8
 44 7.3 5.4 8.0

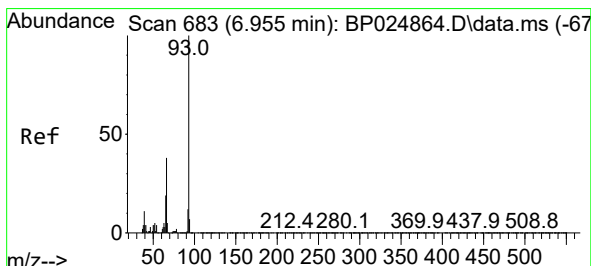
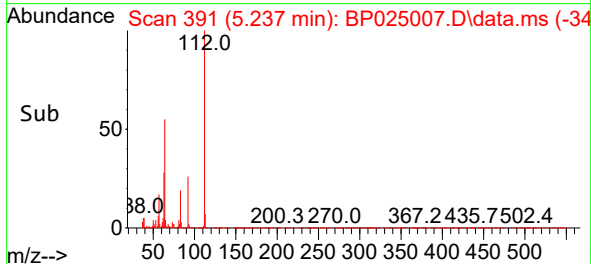
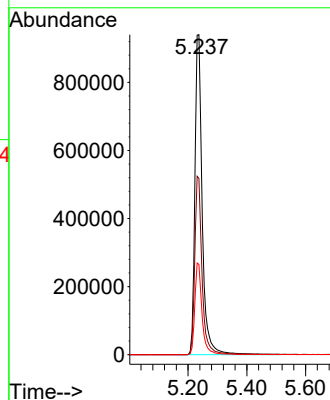
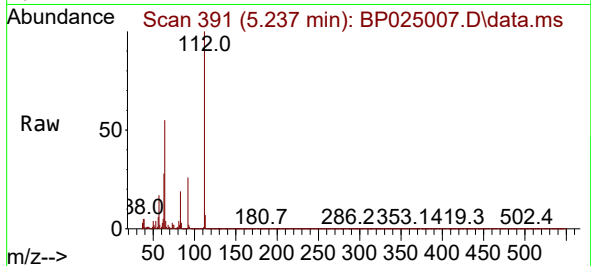




#5
2-Fluorophenol
Concen: 105.444 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

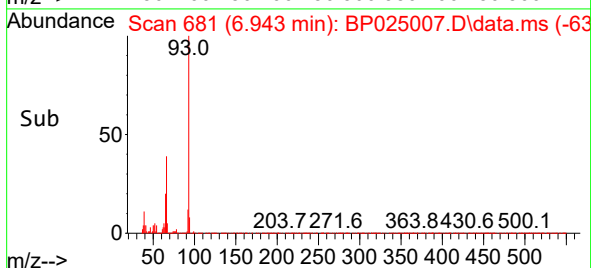
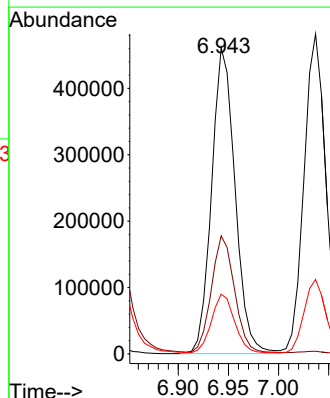
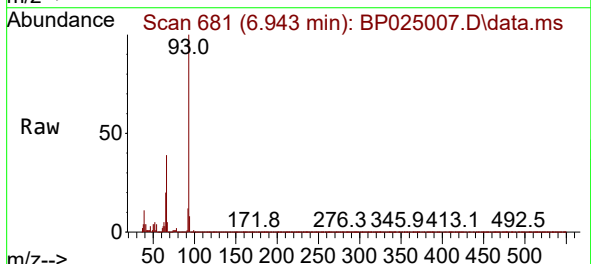
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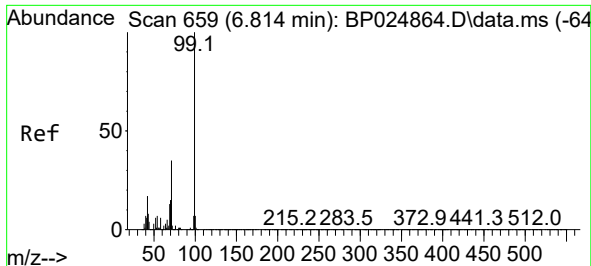
Tgt Ion:112 Resp: 1617814
Ion Ratio Lower Upper
112 100
64 55.0 44.7 67.1
63 28.2 23.5 35.3



#6
Aniline
Concen: 29.016 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 93 Resp: 751711
Ion Ratio Lower Upper
93 100
66 38.6 30.9 46.3
65 19.6 15.5 23.3

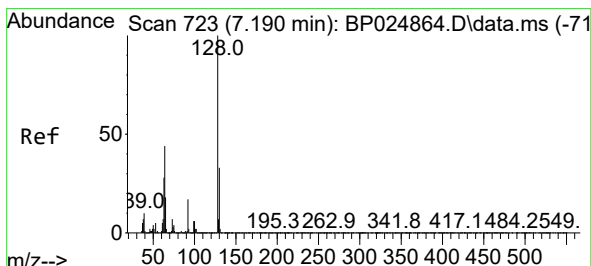
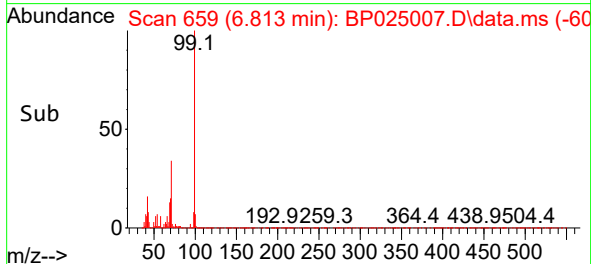
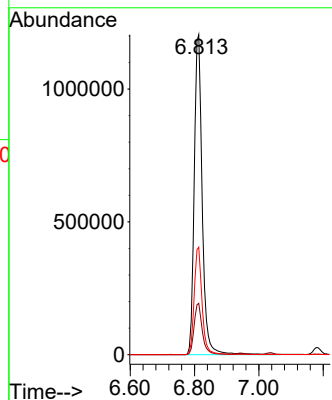
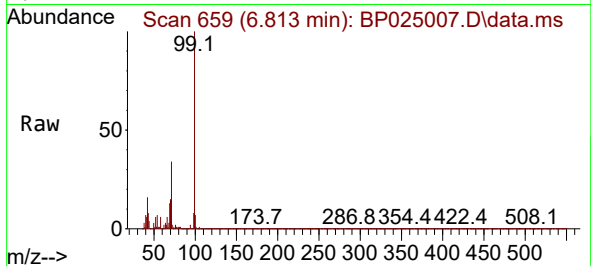




#7
Phenol-d6
Concen: 102.842 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

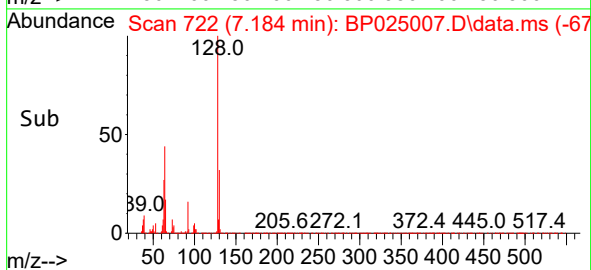
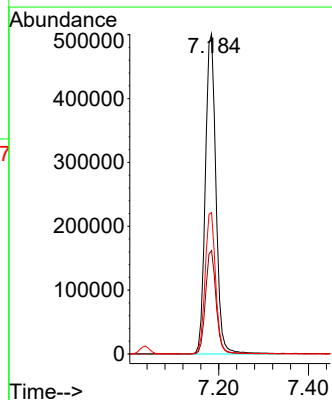
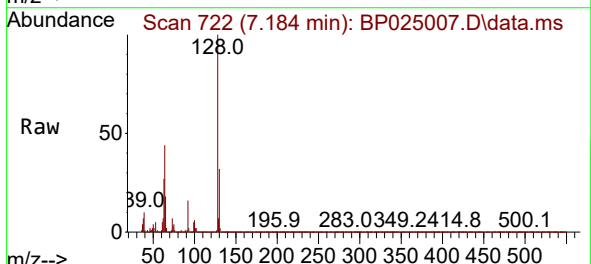
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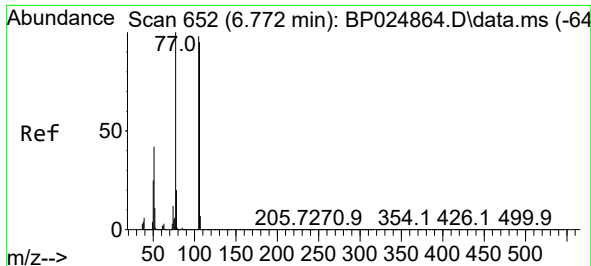
Tgt Ion: 99 Resp: 2087706
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 33.6 27.6 41.4



#8
2-Chlorophenol
Concen: 47.168 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP025007.D
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Tgt Ion: 128 Resp: 820397
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 44.2 24.1 64.1

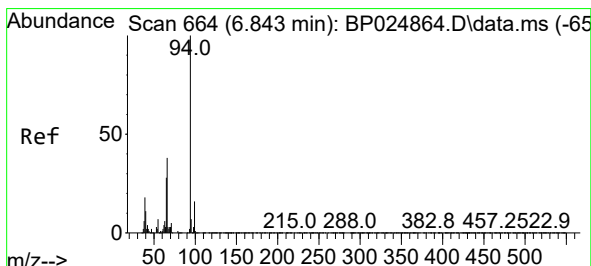
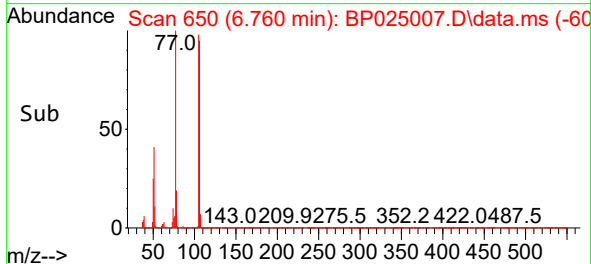
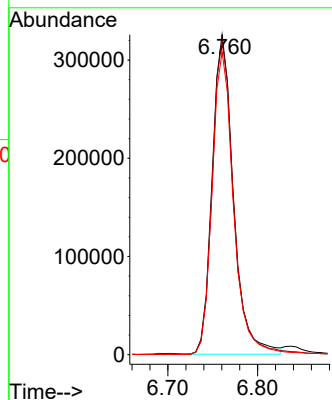
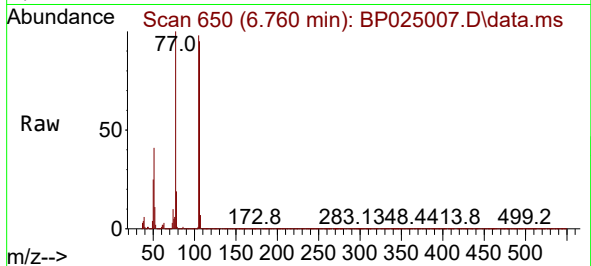




#9
Benzaldehyde
Concen: 45.779 ng
RT: 6.760 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

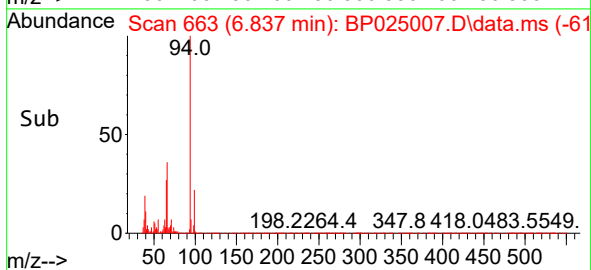
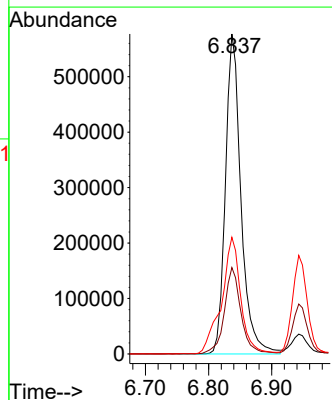
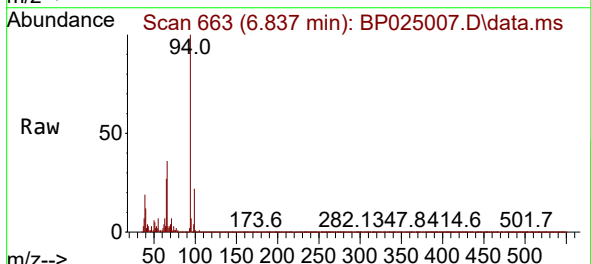
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BNA_P
ClientSampleId :
TP-10MSD

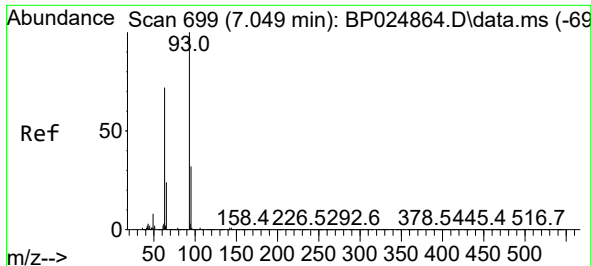
Tgt Ion: 77 Resp: 535651
Ion Ratio Lower Upper
77 100
105 98.1 77.7 117.7
106 94.6 74.8 114.8



#10
Phenol
Concen: 47.172 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 94 Resp: 987188
Ion Ratio Lower Upper
94 100
65 27.0 8.3 48.3
66 36.5 18.2 58.2

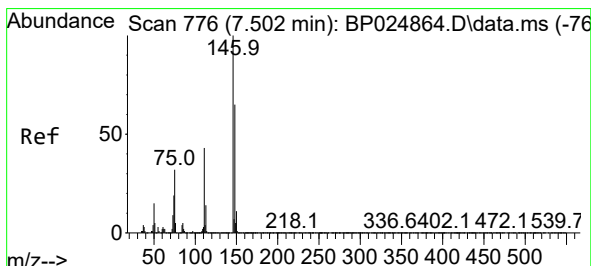
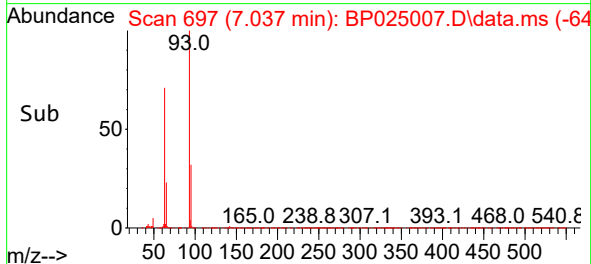
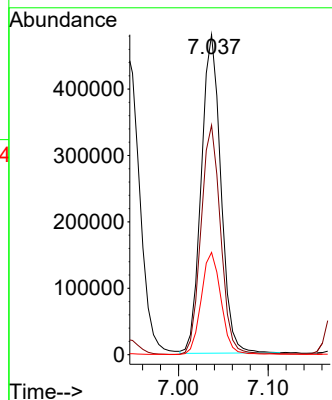
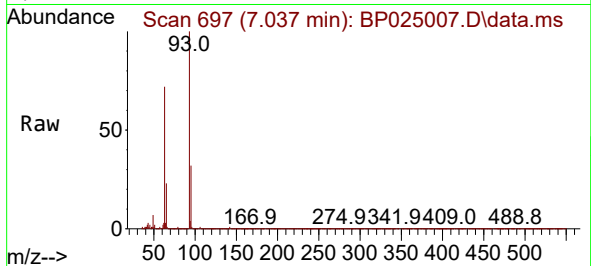




#11
bis(2-Chloroethyl)ether
Concen: 44.182 ng
RT: 7.037 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

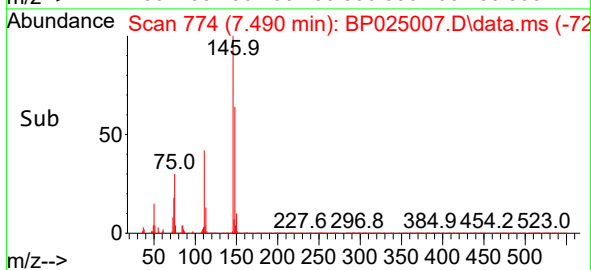
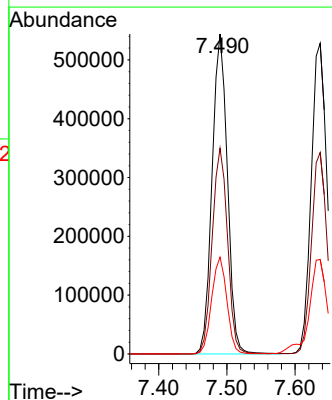
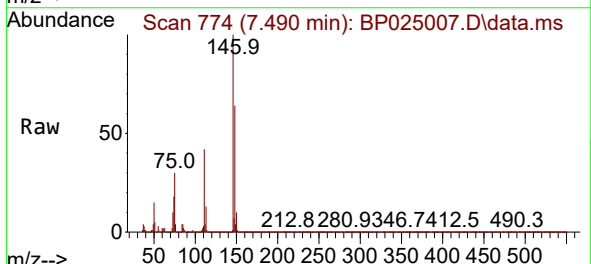
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

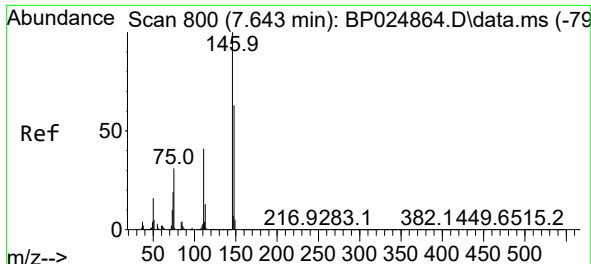
Tgt Ion: 93 Resp: 727221
Ion Ratio Lower Upper
93 100
63 71.7 51.6 91.6
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.867 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 146 Resp: 851172
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 30.2 25.3 37.9

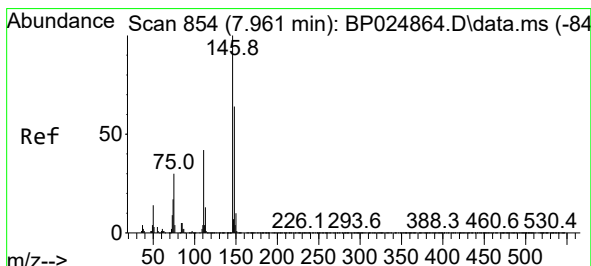
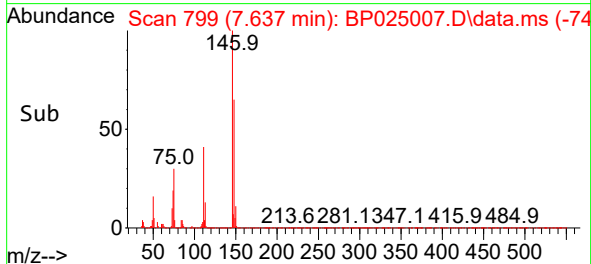
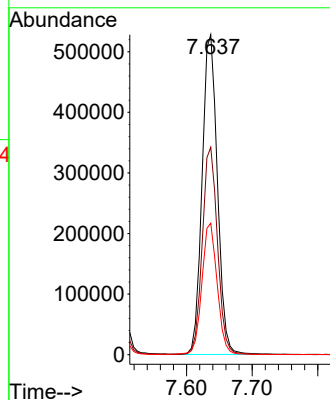
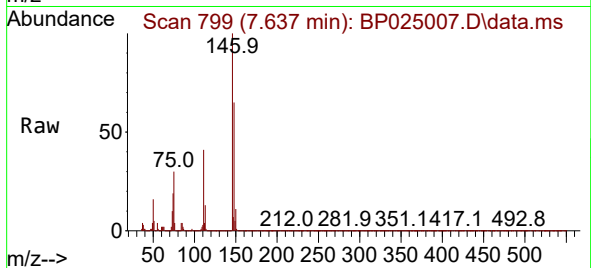




#13
1,4-Dichlorobenzene
Concen: 43.821 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

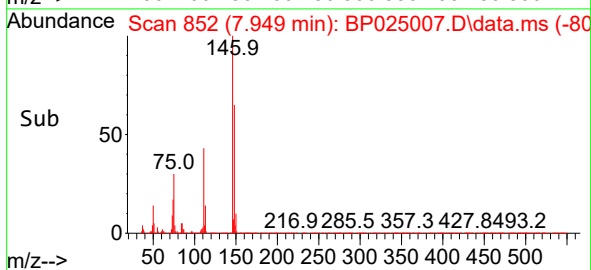
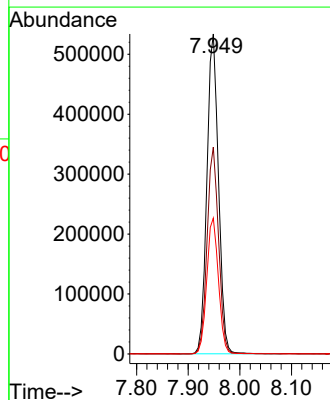
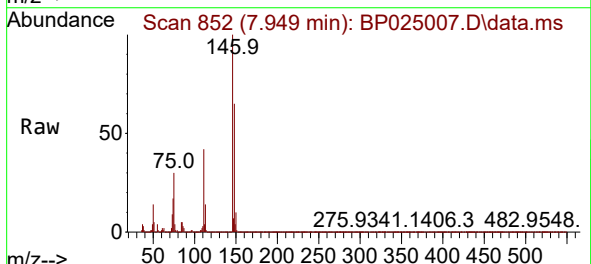
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

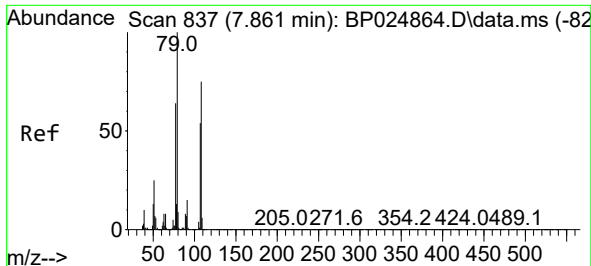
Tgt Ion:146 Resp: 857924
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 41.1 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 43.138 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:146 Resp: 829329
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 42.4 33.8 50.8

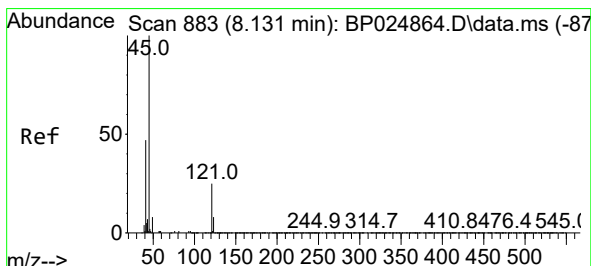
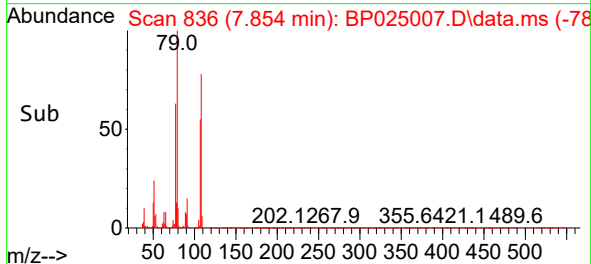
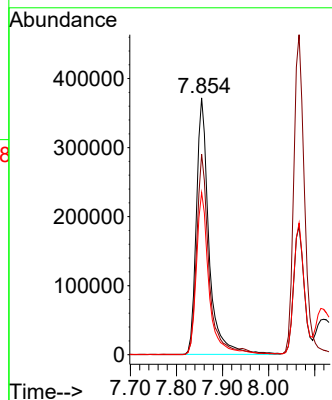
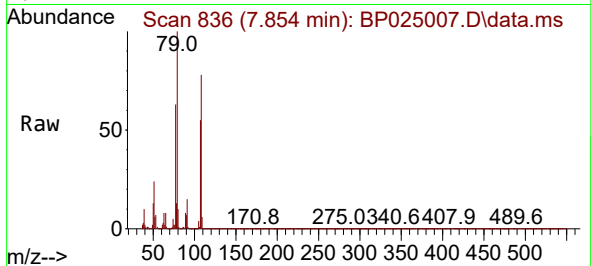




#15
Benzyl Alcohol
Concen: 45.243 ng
RT: 7.854 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

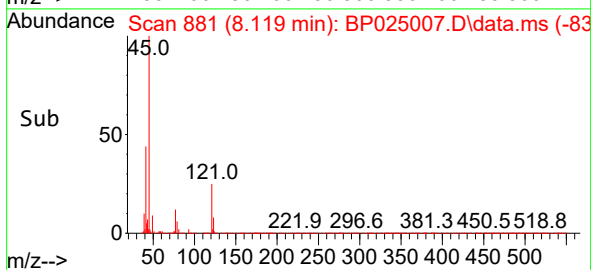
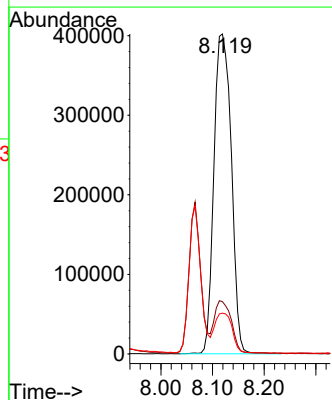
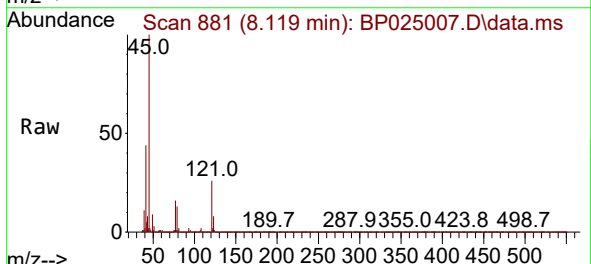
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

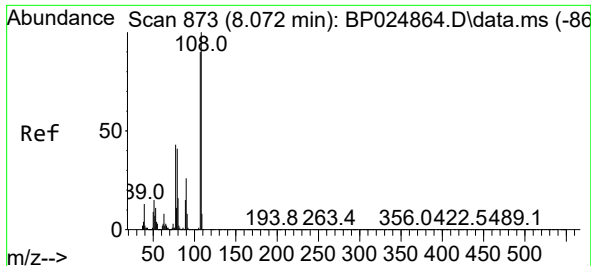
Tgt Ion: 79 Resp: 704875
Ion Ratio Lower Upper
79 100
108 78.1 60.2 90.4
77 63.2 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.564 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 45 Resp: 938524
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.3
79 12.7 0.0 32.2

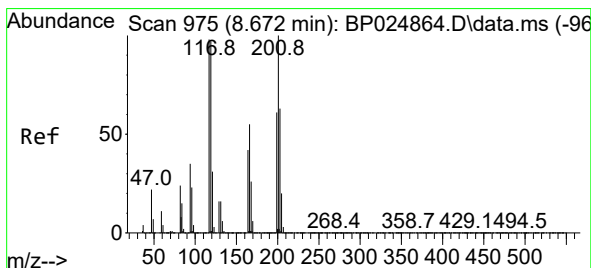
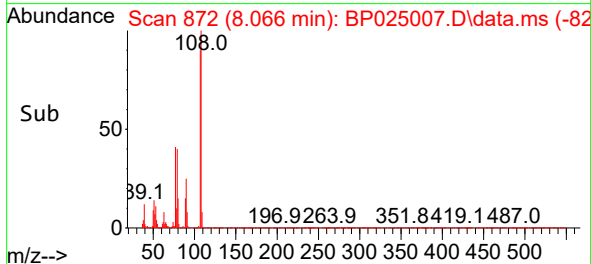
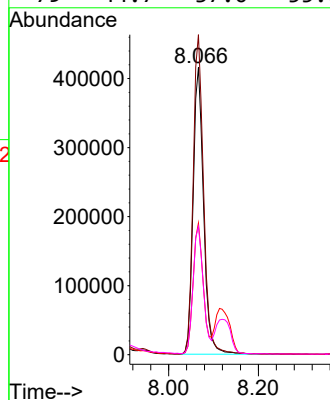
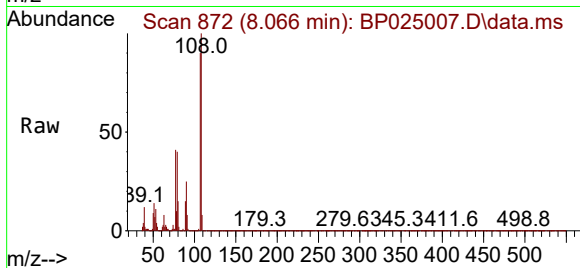




#17
2-Methylphenol
Concen: 45.955 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

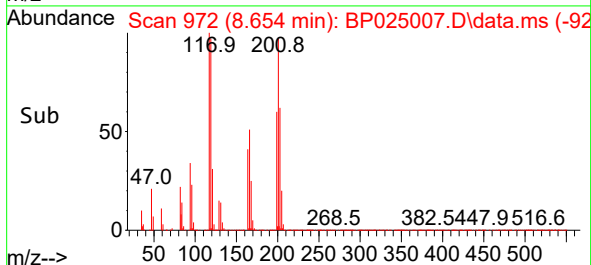
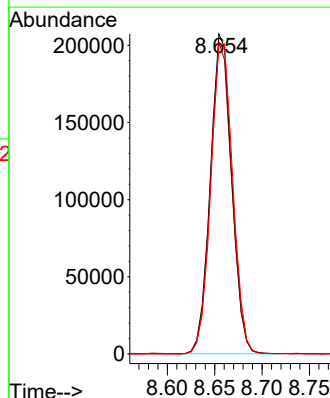
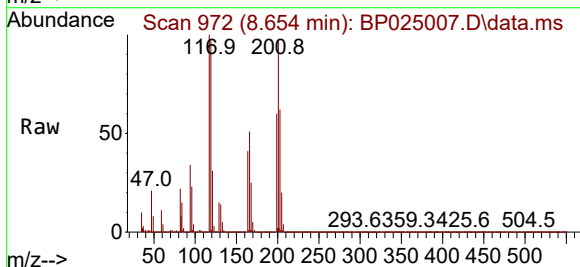
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

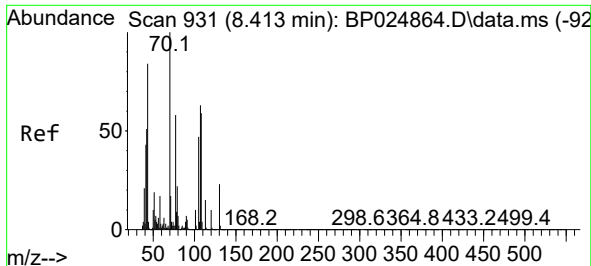
Tgt Ion:107 Resp: 671577
Ion Ratio Lower Upper
107 100
108 111.4 88.6 132.8
77 45.8 38.5 57.7
79 44.7 37.0 55.6



#18
Hexachloroethane
Concen: 44.197 ng
RT: 8.654 min Scan# 972
Delta R.T. -0.018 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:117 Resp: 325767
Ion Ratio Lower Upper
117 100
119 97.4 79.4 119.2
201 96.5 81.4 122.2



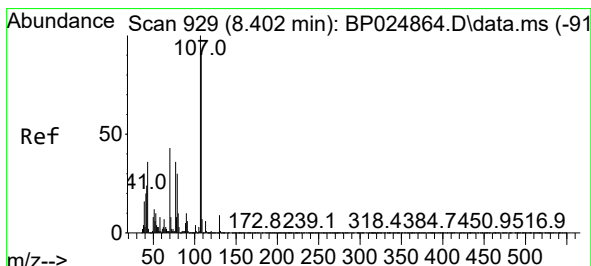
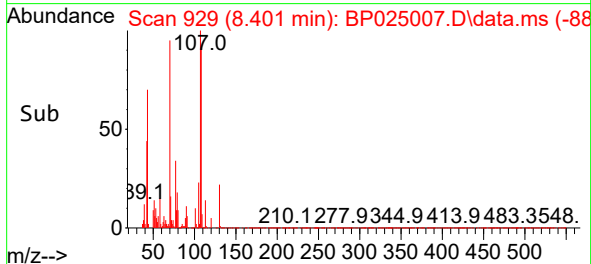
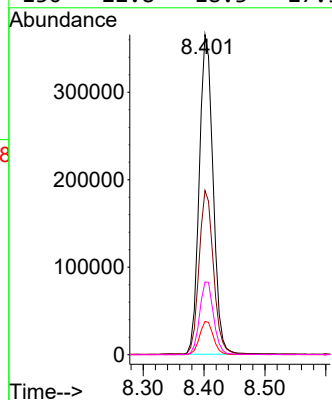
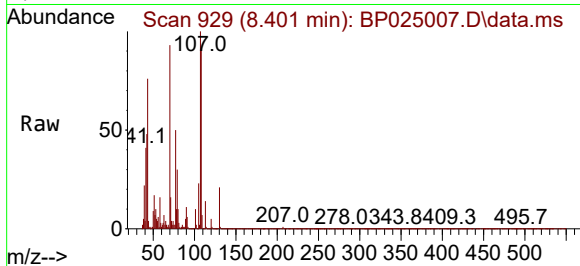


#19
n-Nitroso-di-n-propylamine
Concen: 41.705 ng
RT: 8.401 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tgt Ion: 70 Resp: 575544

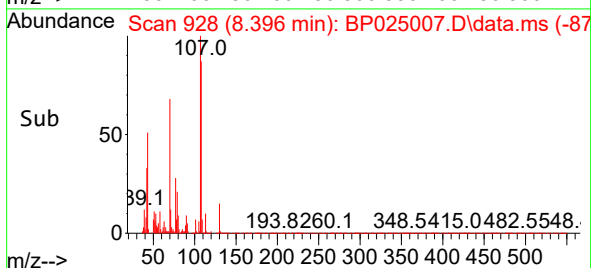
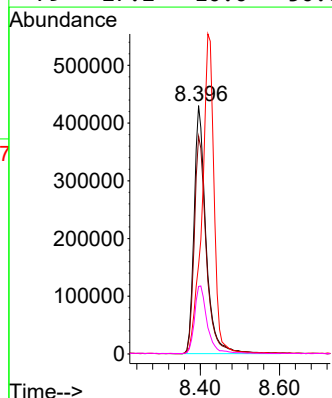
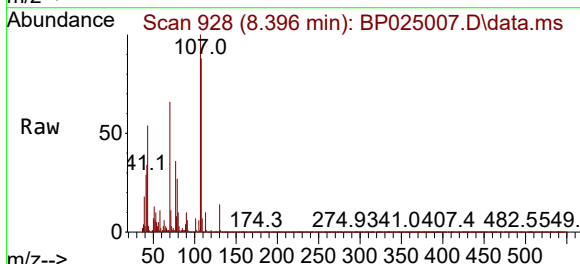
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.2	61.8
101	10.4	8.3	12.5
130	22.8	18.3	27.5

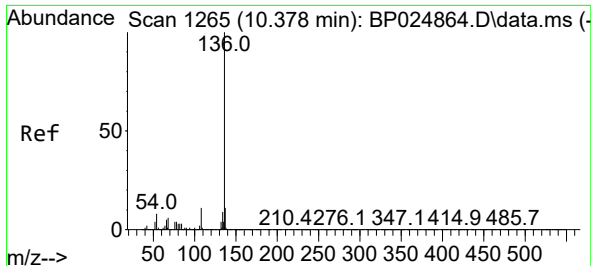


#20
3+4-Methylphenols
Concen: 44.971 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 107 Resp: 896635

Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.7	110.7
77	35.9	16.6	56.6
79	27.2	10.0	50.0

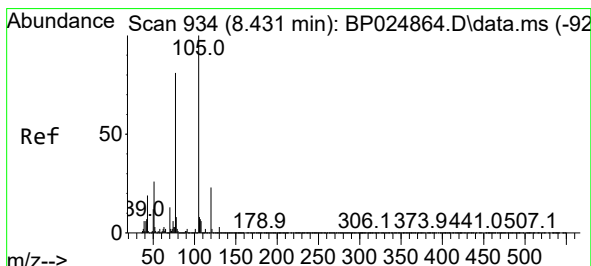
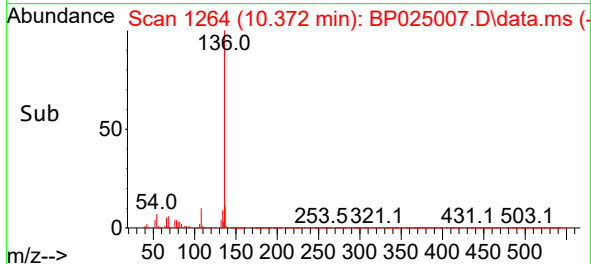
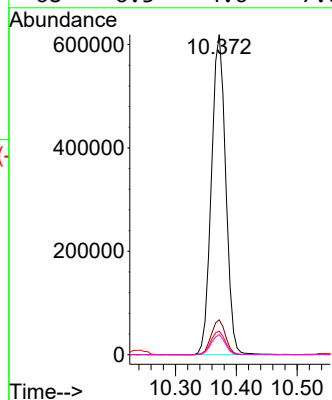
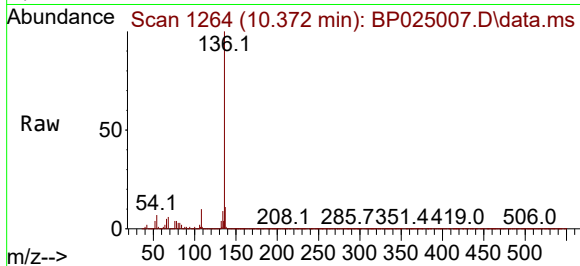




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

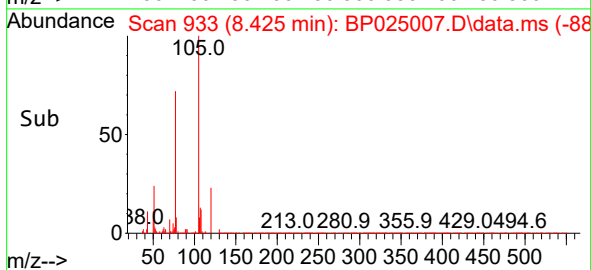
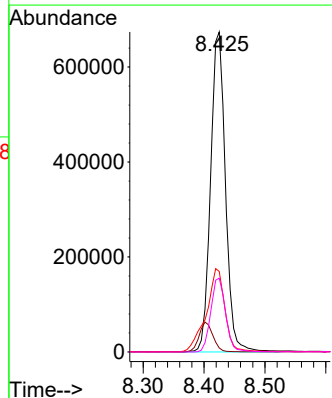
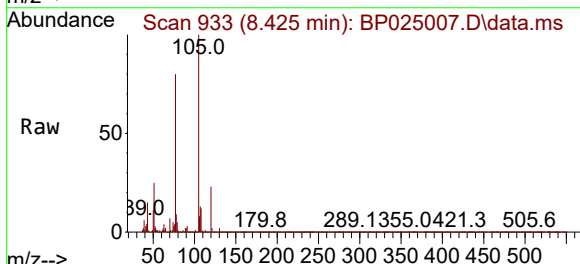
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

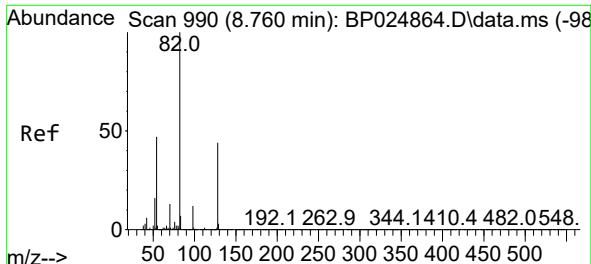
Tgt Ion:136 Resp: 1009701
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.1 9.1
68 6.3 4.6 7.0



#22
Acetophenone
Concen: 44.793 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:105 Resp: 1142688
Ion Ratio Lower Upper
105 100
71 1.2 1.6 2.4#
51 25.1 20.6 31.0
120 23.0 18.2 27.4

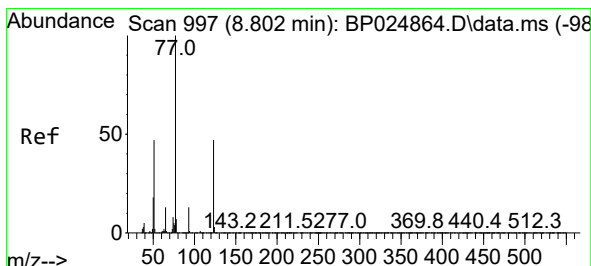
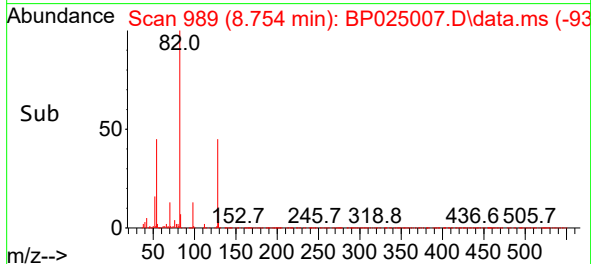
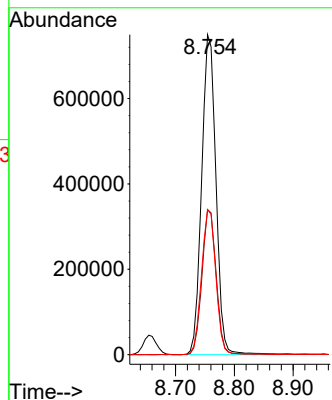
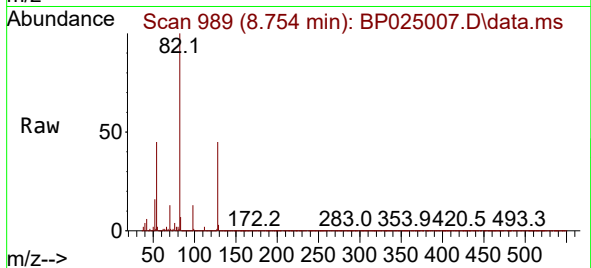




#23
Nitrobenzene-d5
Concen: 61.091 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

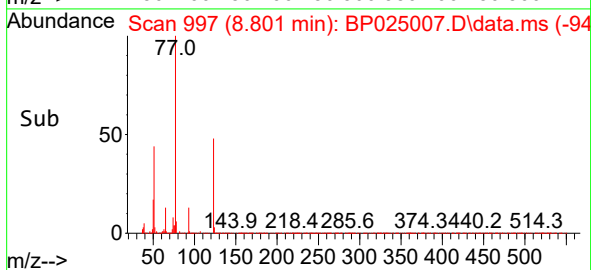
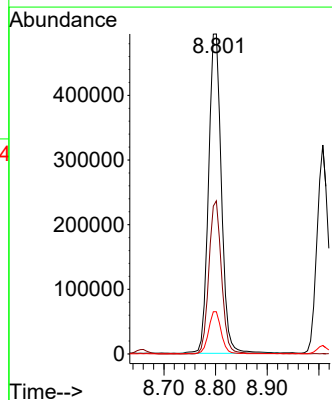
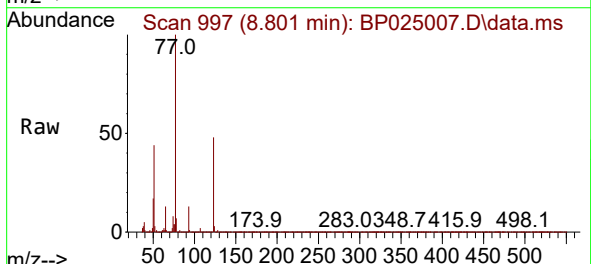
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

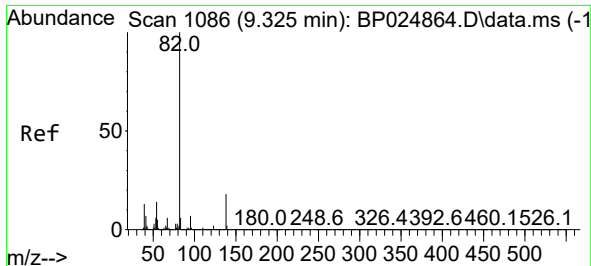
Tgt Ion: 82 Resp: 1269394
Ion Ratio Lower Upper
82 100
128 45.4 35.3 52.9
54 45.3 37.4 56.0



#24
Nitrobenzene
Concen: 46.197 ng
RT: 8.801 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 77 Resp: 852776
Ion Ratio Lower Upper
77 100
123 47.9 37.3 55.9
65 13.2 10.8 16.2

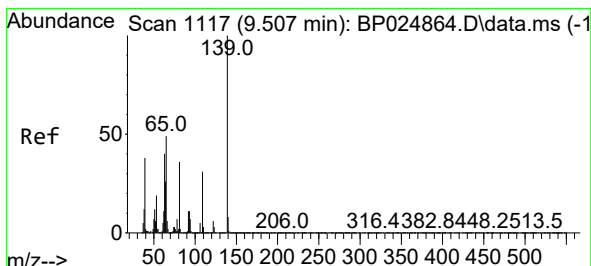
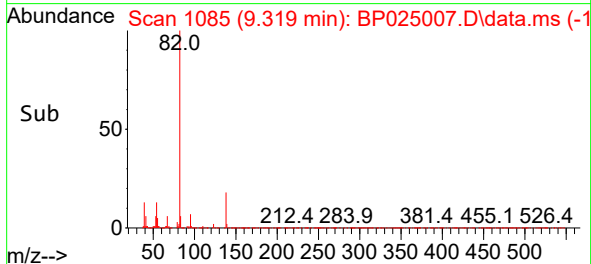
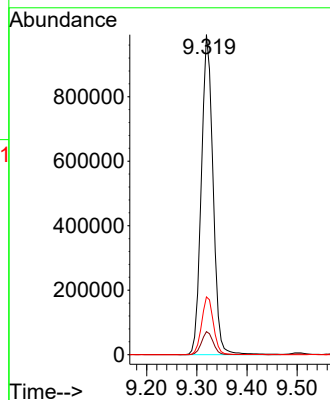
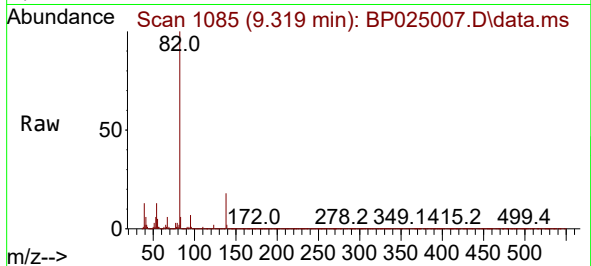




#25
Isophorone
Concen: 44.660 ng
RT: 9.319 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

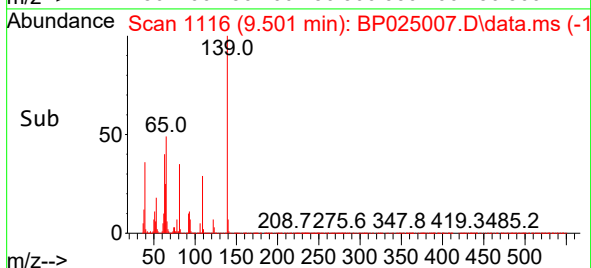
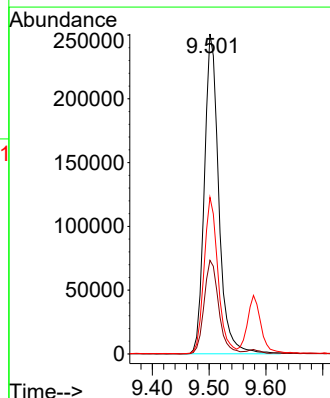
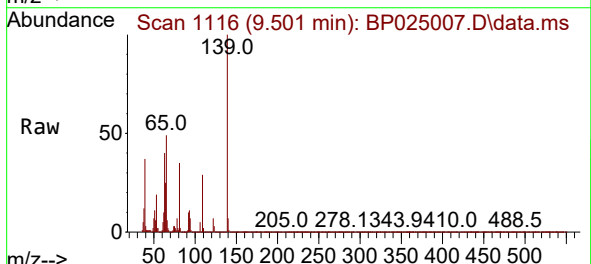
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

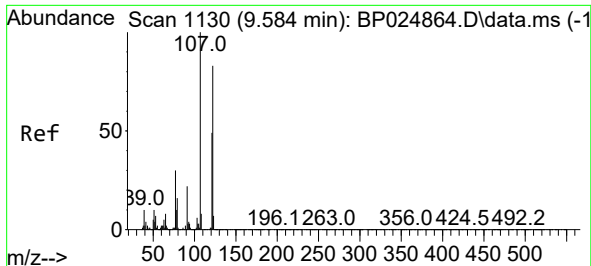
Tgt Ion: 82 Resp: 1608274
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 48.444 ng
RT: 9.501 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 139 Resp: 441229
Ion Ratio Lower Upper
139 100
109 29.3 24.6 37.0
65 49.0 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 47.323 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

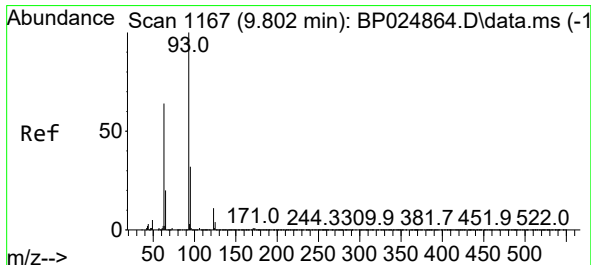
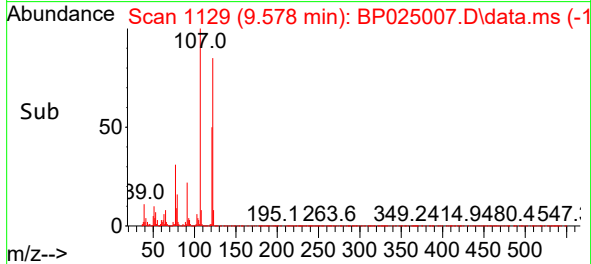
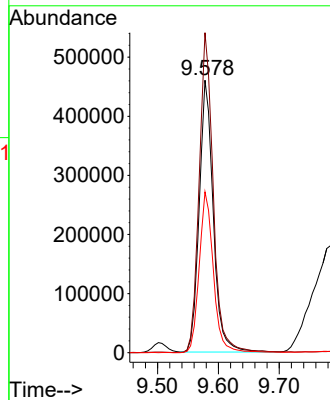
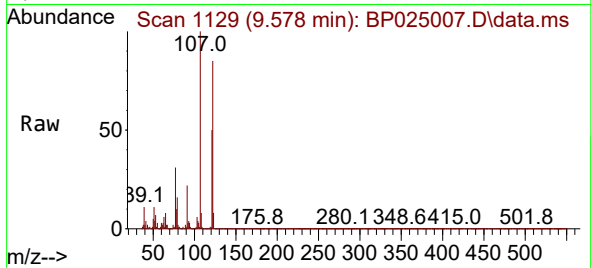
Tgt Ion:122 Resp: 737667

Ion Ratio Lower Upper

122 100

107 117.4 96.2 144.4

121 59.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.467 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

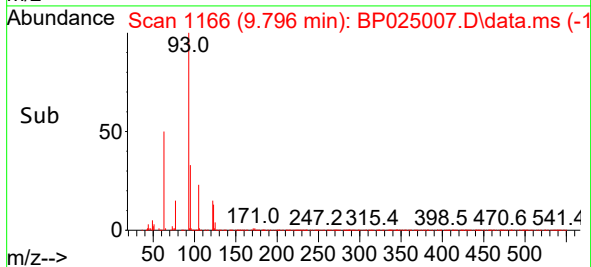
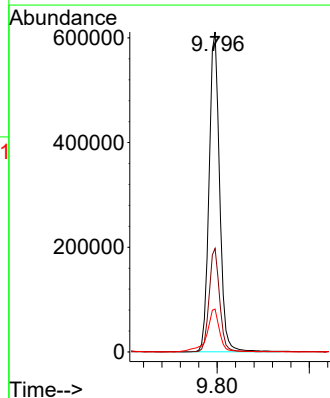
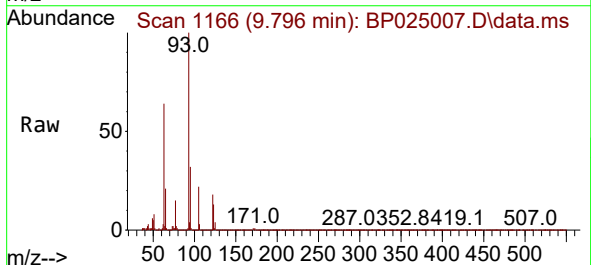
Tgt Ion: 93 Resp: 976691

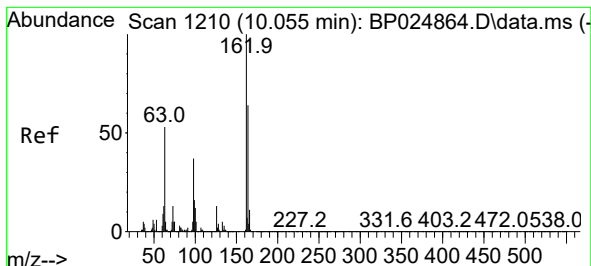
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 13.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.416 ng

RT: 10.060 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

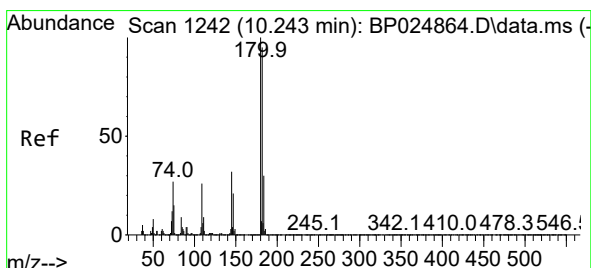
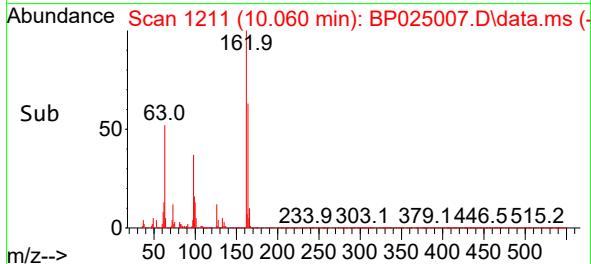
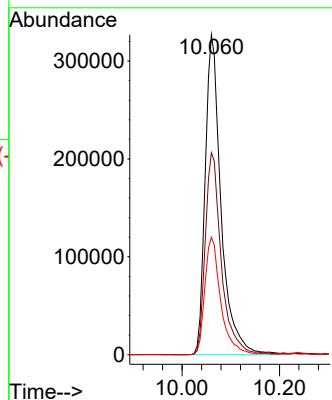
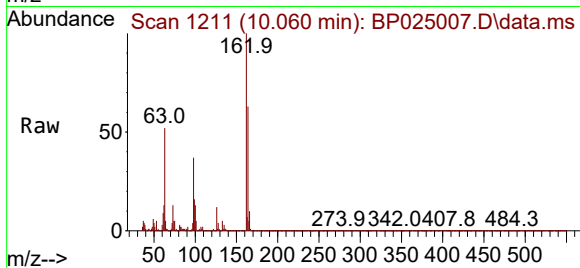
Tgt Ion:162 Resp: 739099

Ion Ratio Lower Upper

162 100

164 63.1 44.0 84.0

98 36.7 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 45.234 ng

RT: 10.237 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

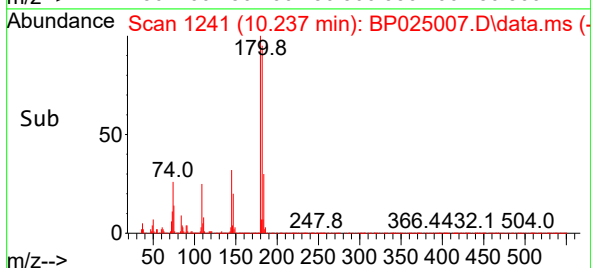
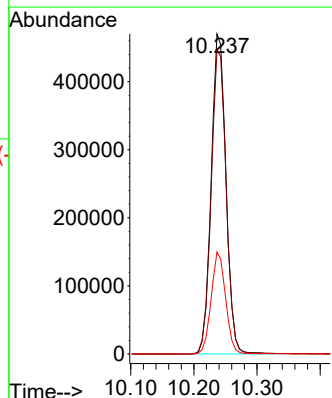
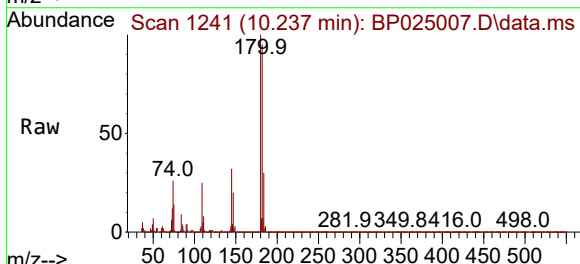
Tgt Ion:180 Resp: 763077

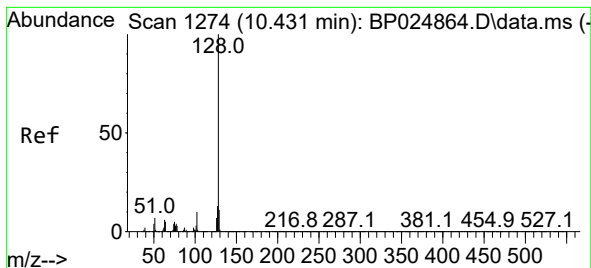
Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

145 31.9 25.7 38.5

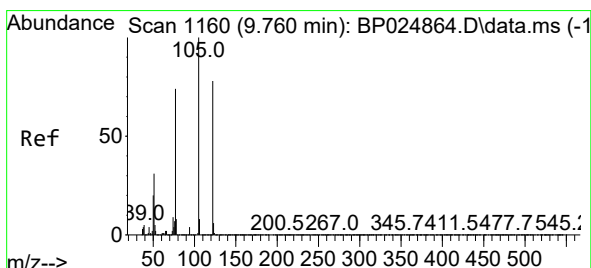
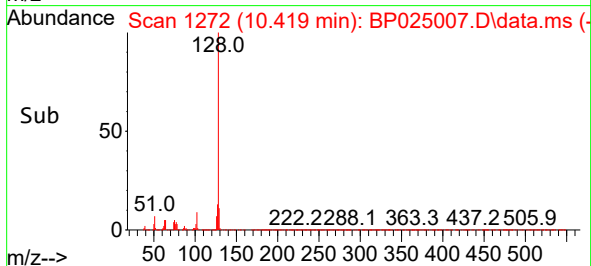
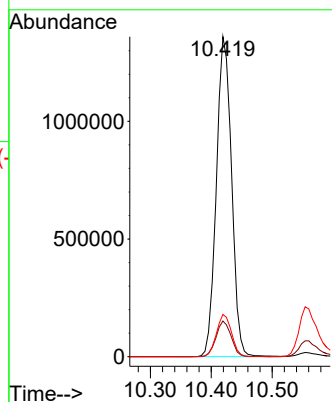
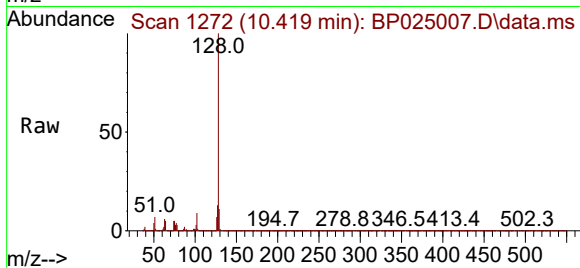




#31
Naphthalene
Concen: 45.490 ng
RT: 10.419 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

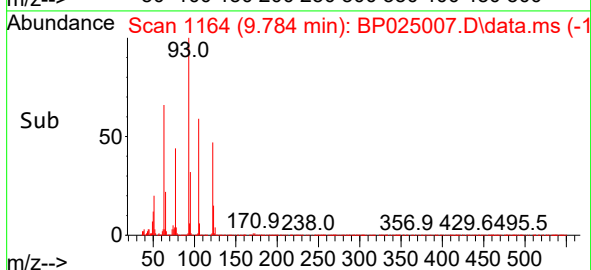
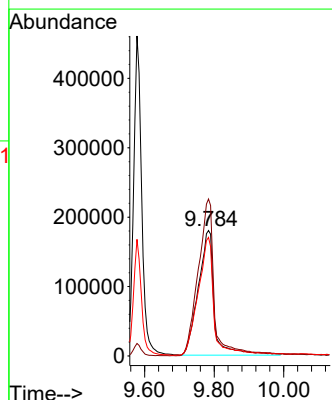
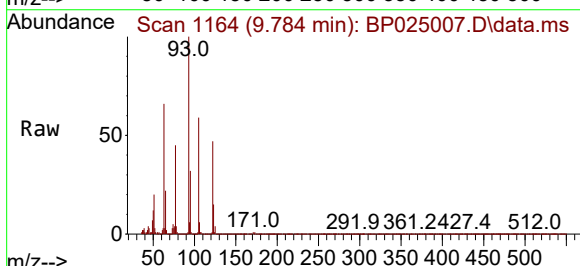
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

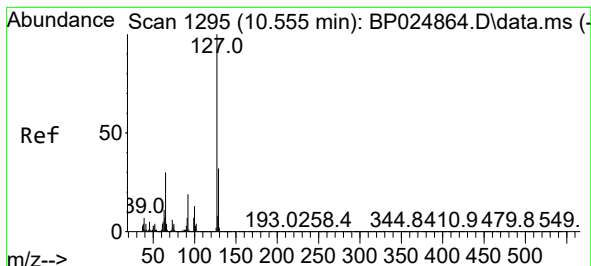
Tgt Ion:128 Resp: 2353821
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 54.612 ng
RT: 9.784 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:122 Resp: 575259
Ion Ratio Lower Upper
122 100
105 125.2 107.1 147.1
77 94.5 75.1 115.1

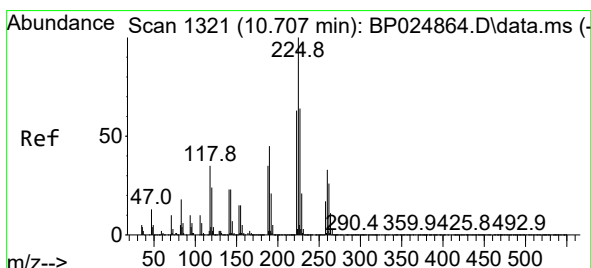
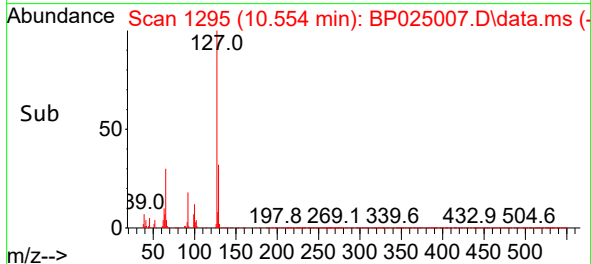
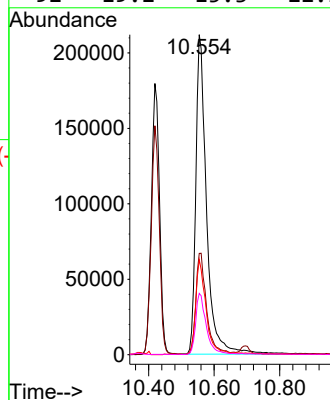
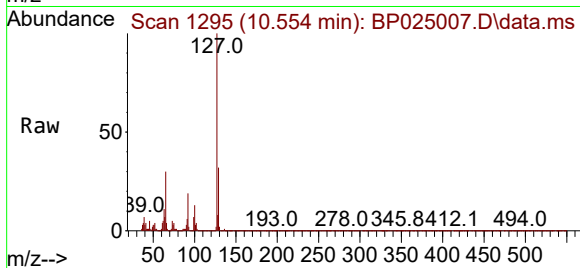




#33
4-Chloroaniline
Concen: 22.307 ng
RT: 10.554 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

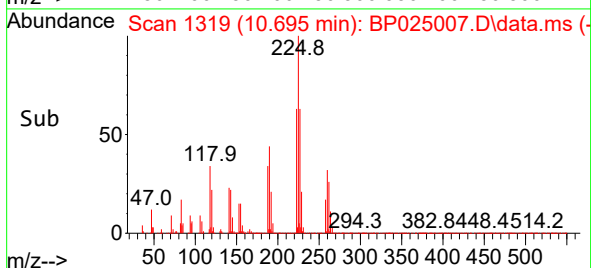
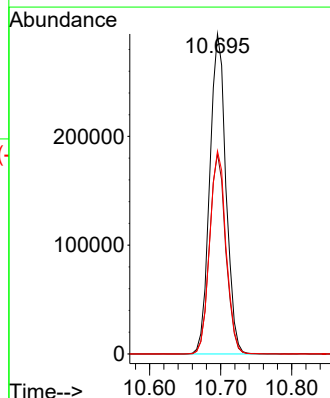
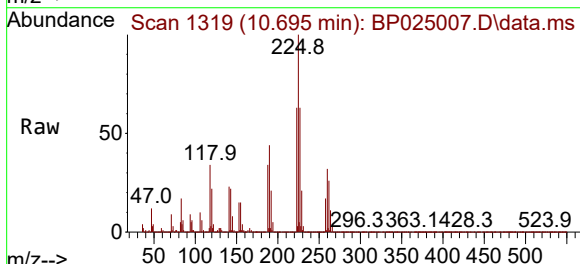
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

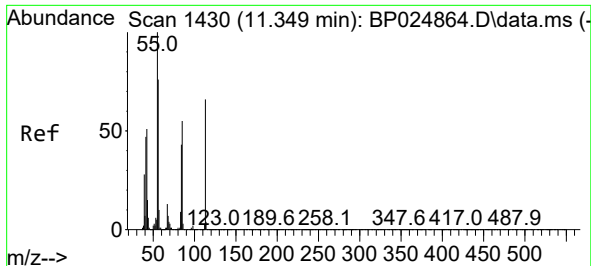
Tgt Ion:	127	Resp:	483590
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.7	23.9	35.9
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.808 ng
RT: 10.695 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:	225	Resp:	465748
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.5	75.7
227	63.5	51.4	77.2

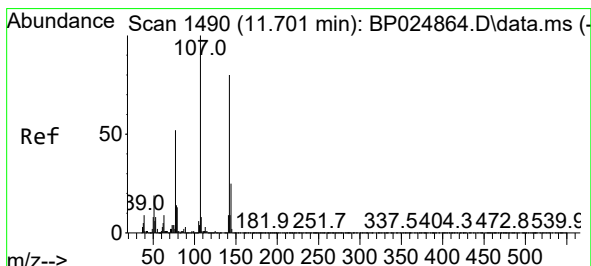
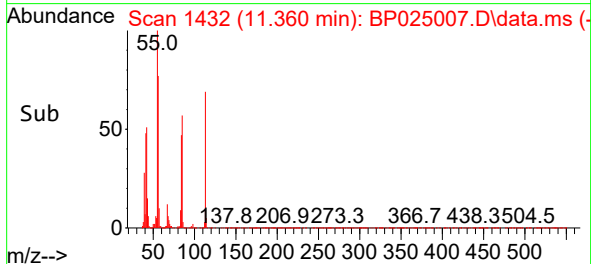
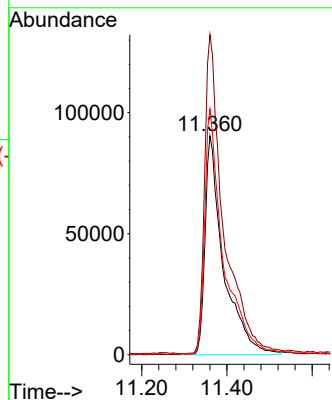
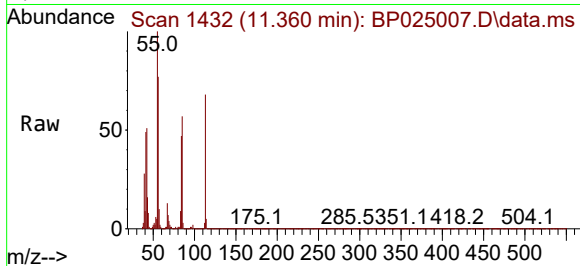




#35
Caprolactam
Concen: 48.921 ng
RT: 11.360 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

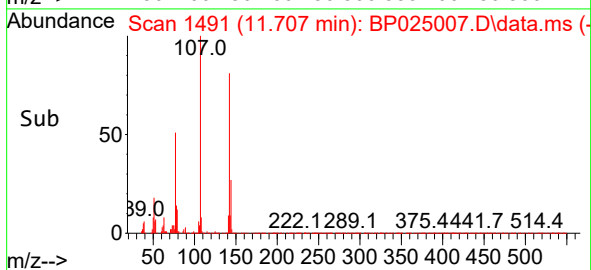
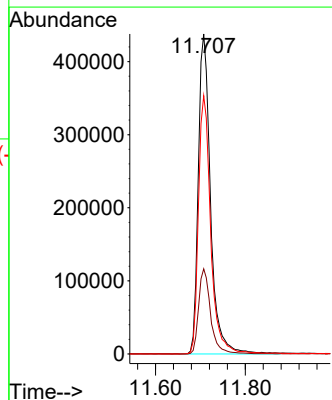
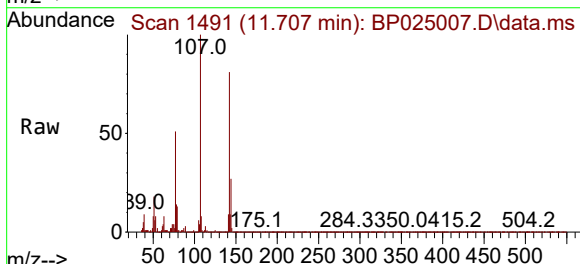
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

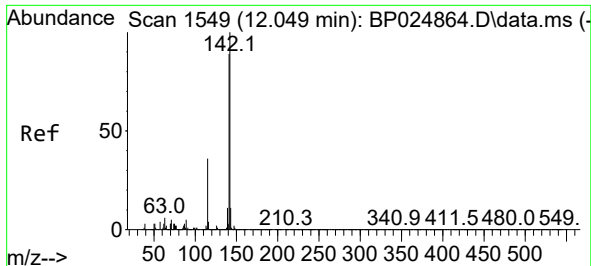
Tgt Ion:113 Resp: 269335
Ion Ratio Lower Upper
113 100
55 146.3 132.5 172.5
56 112.3 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 48.038 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:107 Resp: 828727
Ion Ratio Lower Upper
107 100
144 26.6 20.4 30.6
142 80.7 63.8 95.6

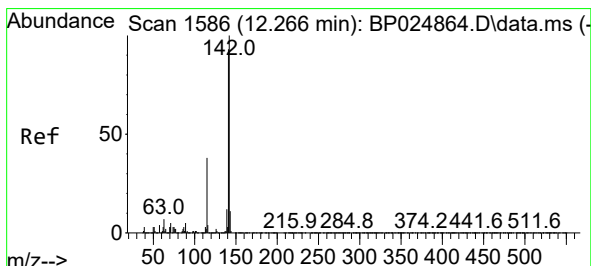
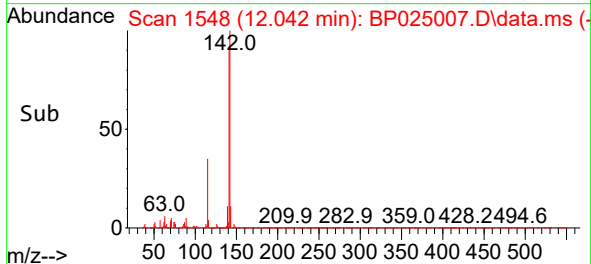
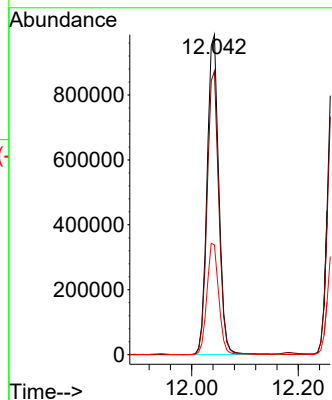
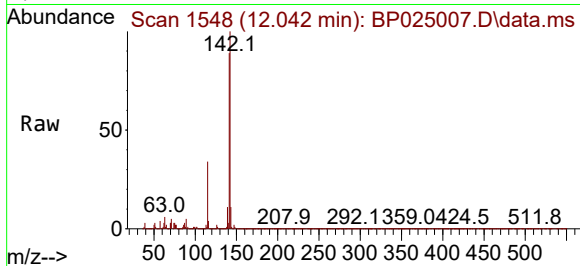




#37
2-Methylnaphthalene
Concen: 45.874 ng
RT: 12.042 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

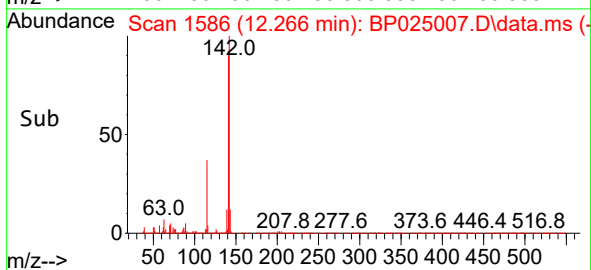
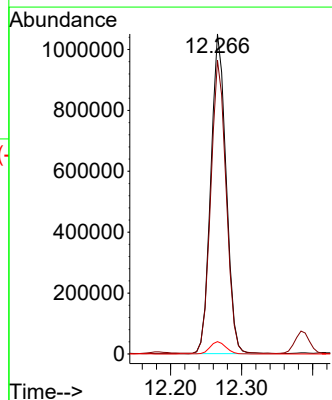
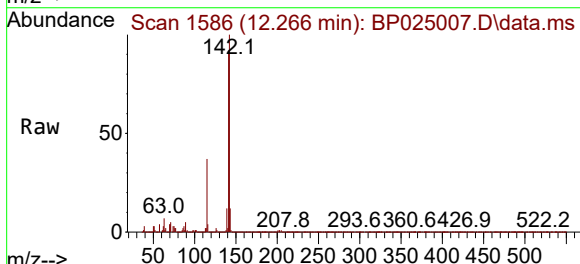
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

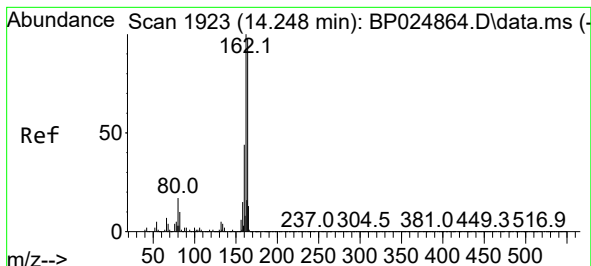
Tgt Ion:142 Resp: 1505667
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 34.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.915 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:142 Resp: 1576082
Ion Ratio Lower Upper
142 100
141 91.8 74.7 112.1
116 3.9 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

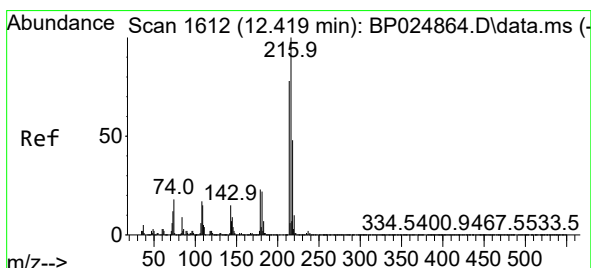
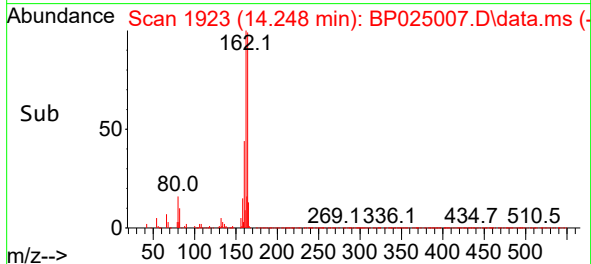
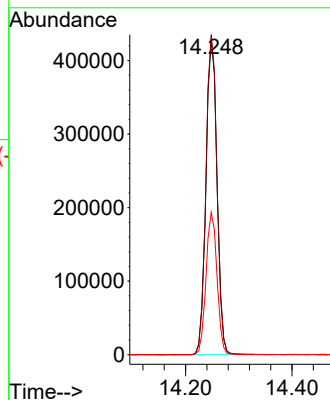
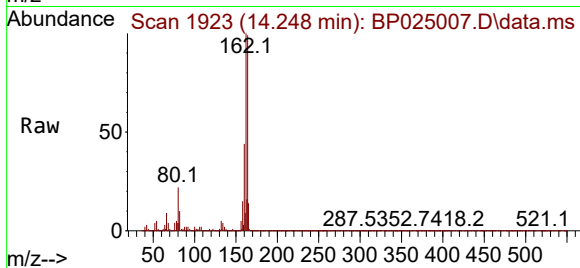
Tgt Ion:164 Resp: 615822

Ion Ratio Lower Upper

164 100

162 101.4 81.6 122.4

160 45.1 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.338 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Tgt Ion:216 Resp: 844665

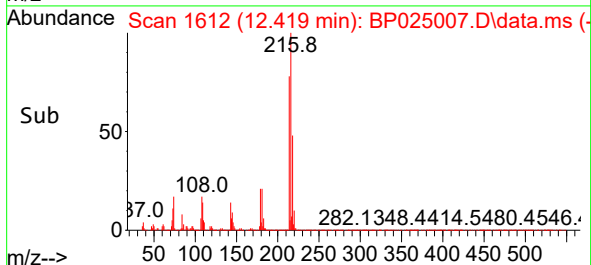
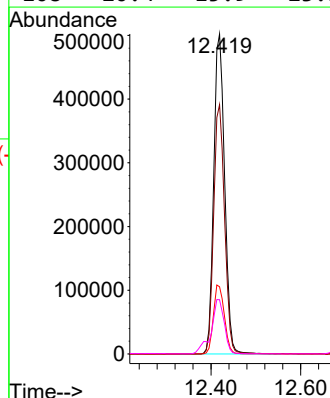
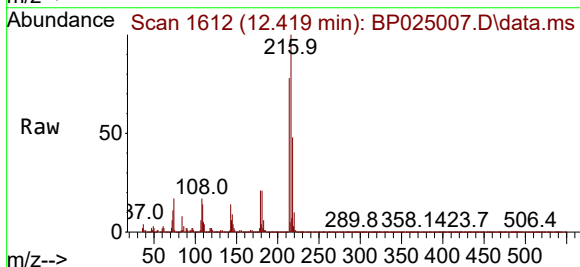
Ion Ratio Lower Upper

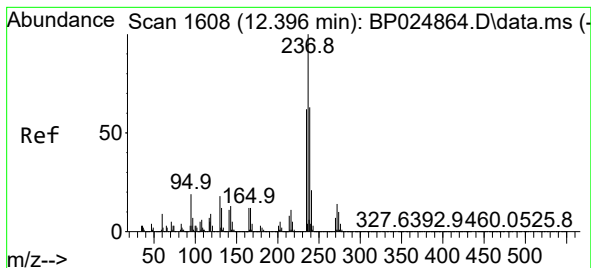
216 100

214 78.2 63.0 94.4

179 21.6 17.8 26.6

108 20.4 15.9 23.9

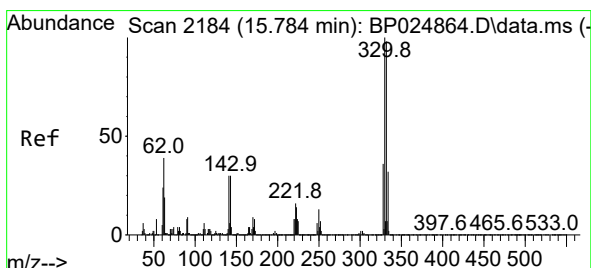
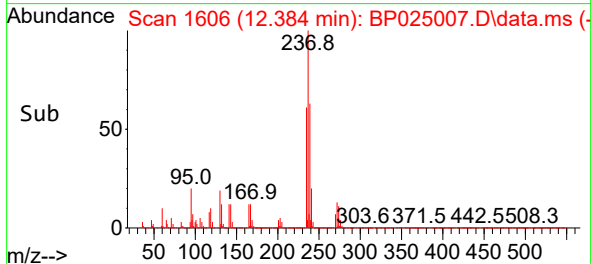
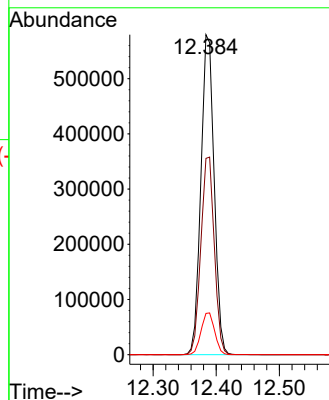
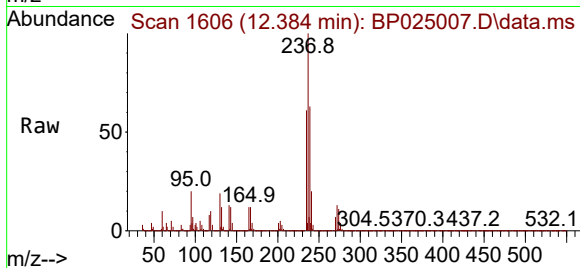




#41
Hexachlorocyclopentadiene
Concen: 79.264 ng
RT: 12.384 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

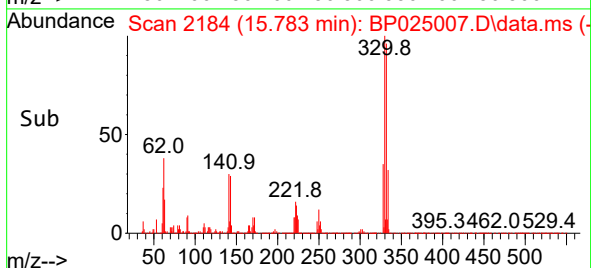
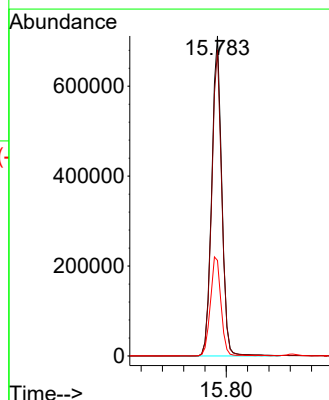
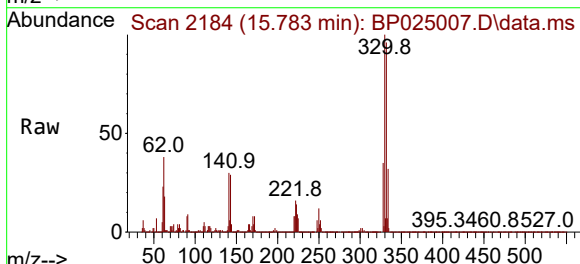
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

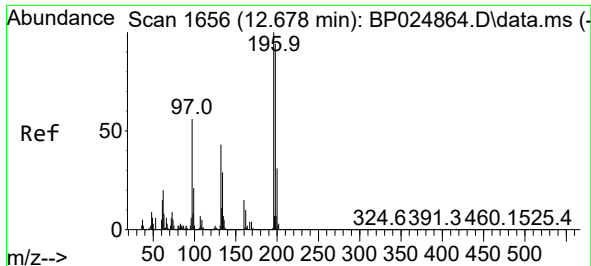
Tgt Ion:237 Resp: 844810
Ion Ratio Lower Upper
237 100
235 61.4 41.9 81.9
272 12.9 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 109.075 ng
RT: 15.783 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:330 Resp: 928676
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 32.6 26.4 39.6

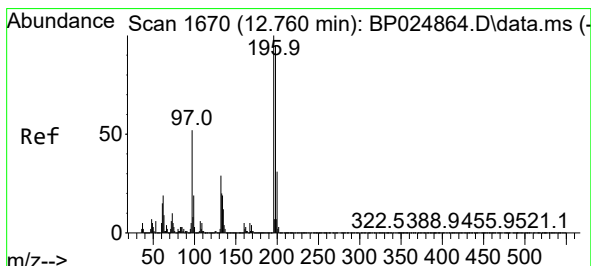
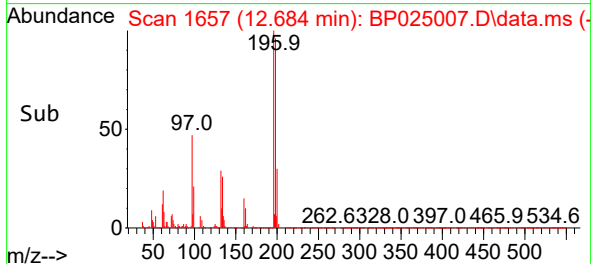
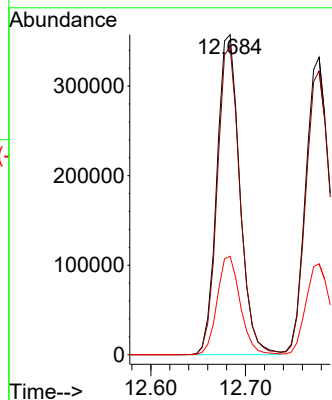
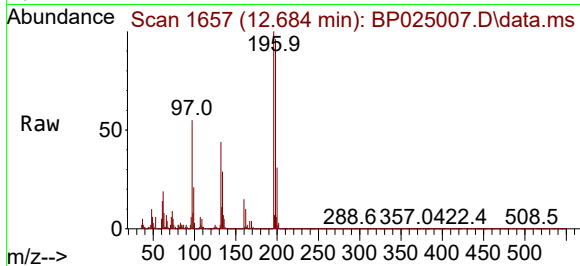




#43
2,4,6-Trichlorophenol
Concen: 51.149 ng
RT: 12.684 min Scan# 1656
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

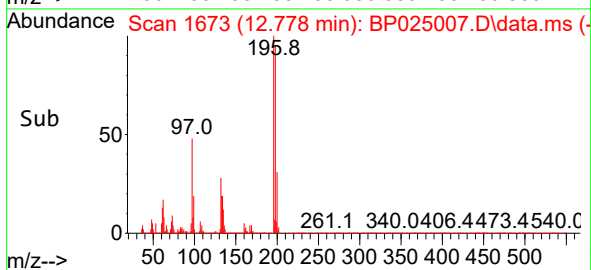
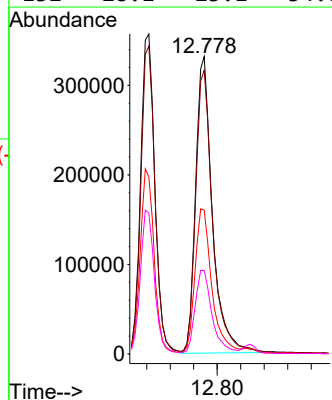
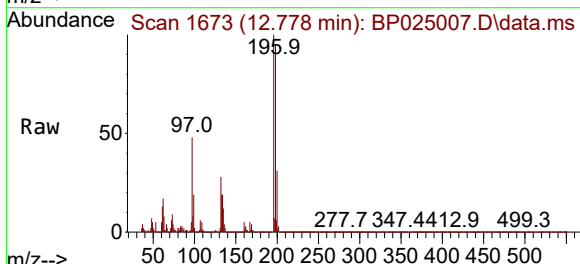
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

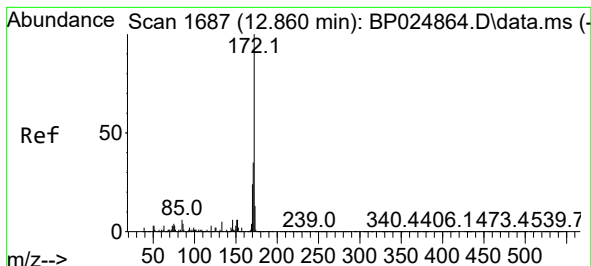
Tgt Ion:196 Resp: 600238
Ion Ratio Lower Upper
196 100
198 96.2 75.4 113.0
200 30.8 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 52.398 ng
RT: 12.778 min Scan# 1673
Delta R.T. 0.017 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:196 Resp: 658524
Ion Ratio Lower Upper
196 100
198 95.4 76.0 114.0
97 48.3 41.5 62.3
132 28.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 60.117 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

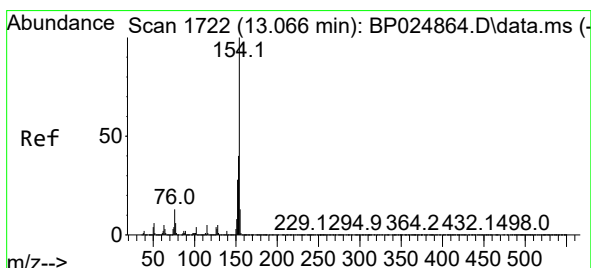
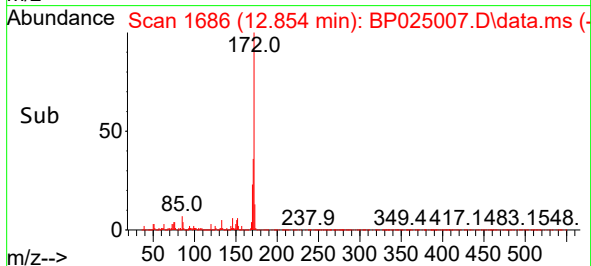
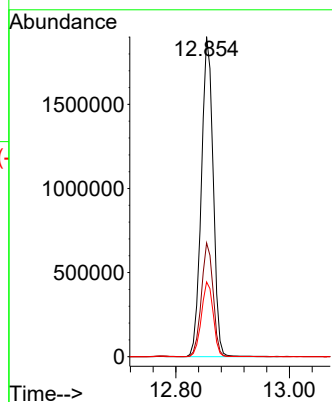
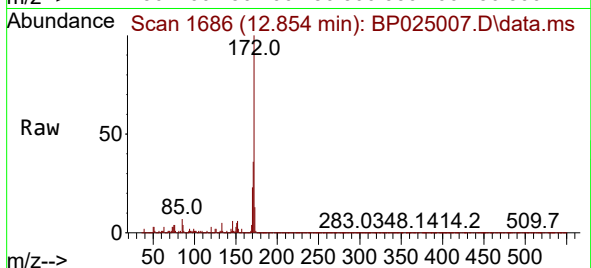
Tgt Ion:172 Resp: 2748203

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.709 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

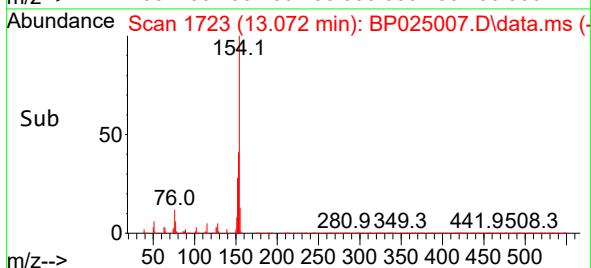
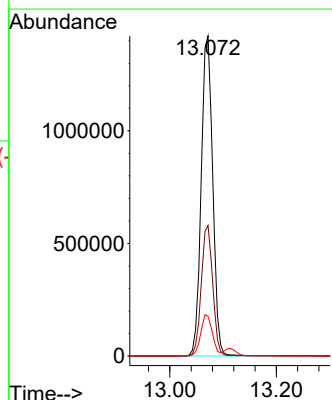
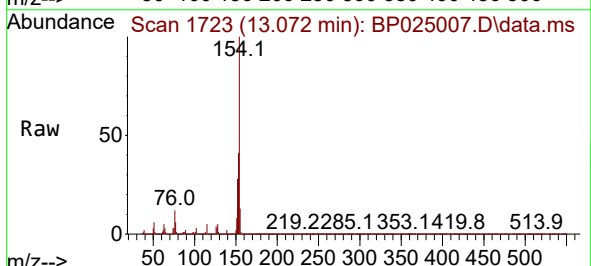
Tgt Ion:154 Resp: 2135117

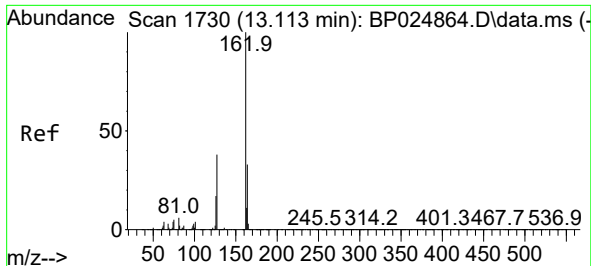
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 12.4 0.0 33.0





#47

2-Chloronaphthalene

Concen: 47.350 ng

RT: 13.113 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

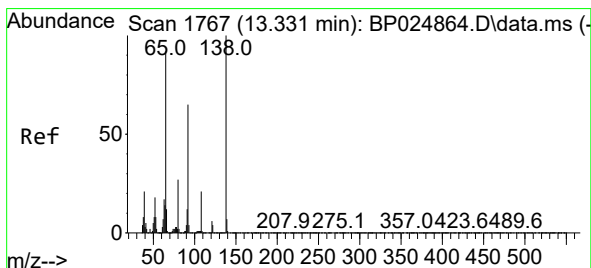
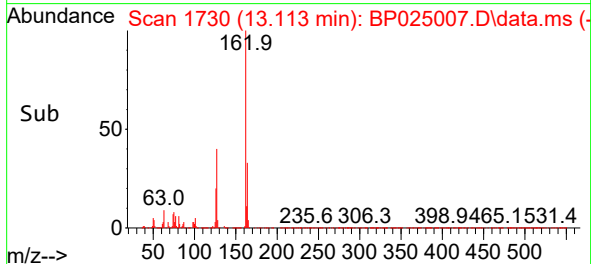
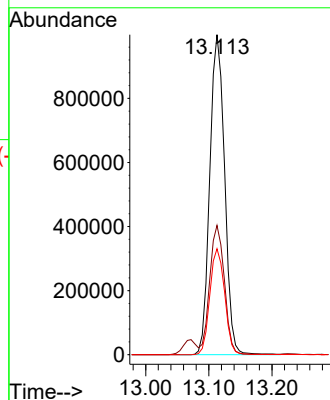
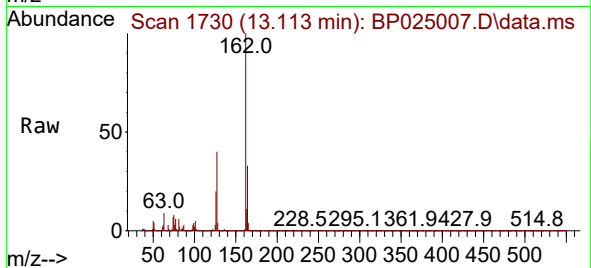
Tgt Ion:162 Resp: 1628681

Ion Ratio Lower Upper

162 100

127 40.4 32.5 48.7

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 50.148 ng

RT: 13.342 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

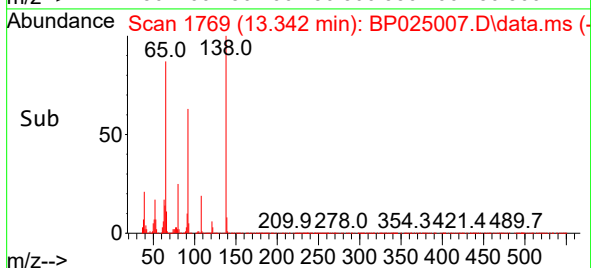
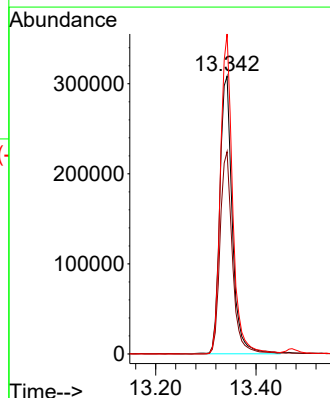
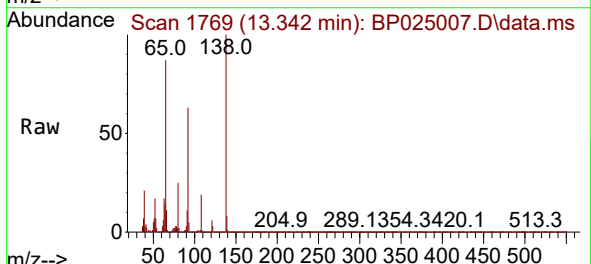
Tgt Ion: 65 Resp: 530296

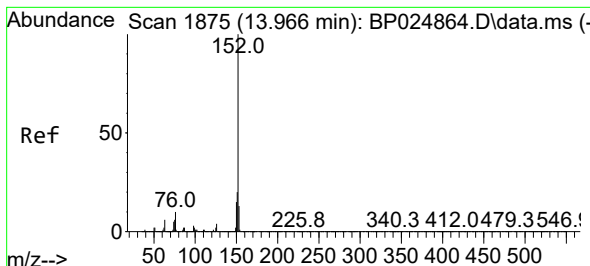
Ion Ratio Lower Upper

65 100

92 72.8 56.8 85.2

138 115.2 86.9 130.3





#49

Acenaphthylene

Concen: 47.560 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

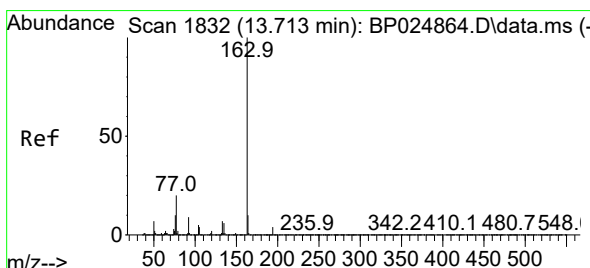
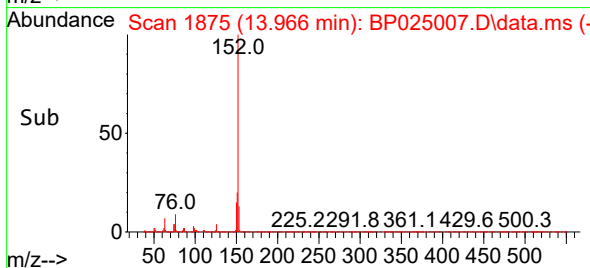
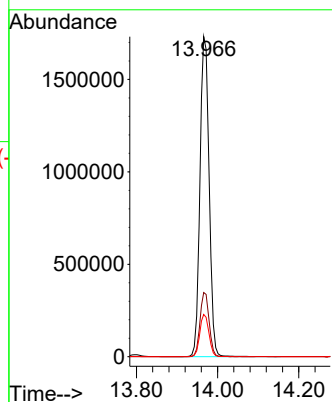
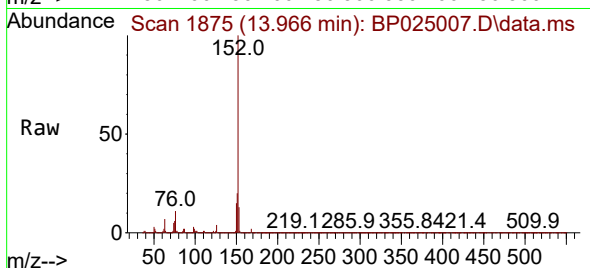
Tgt Ion:152 Resp: 2727641

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 46.913 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

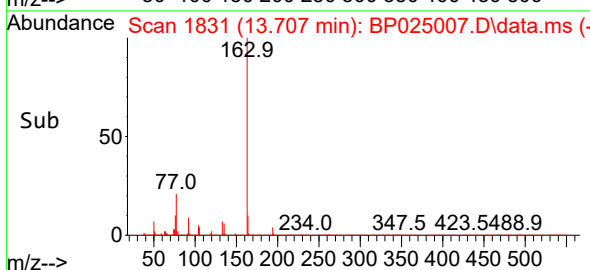
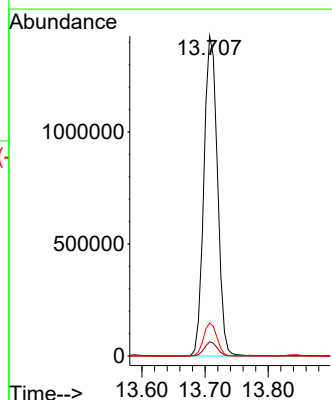
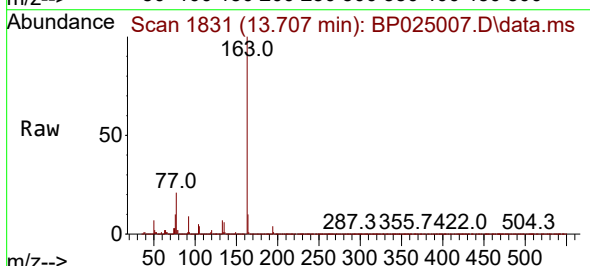
Tgt Ion:163 Resp: 2131155

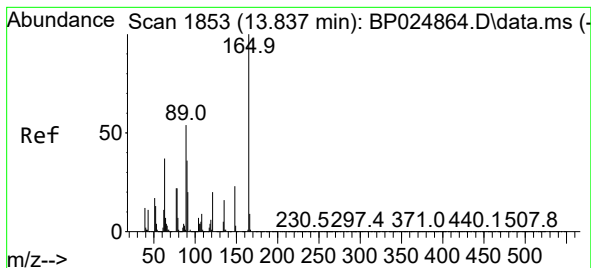
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.3 8.0 12.0

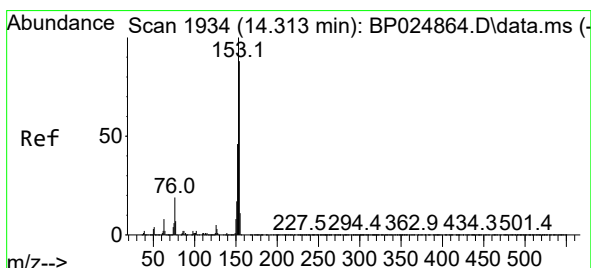
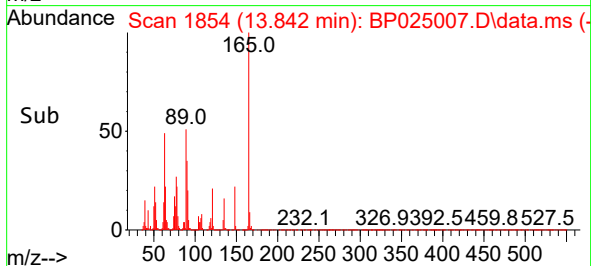
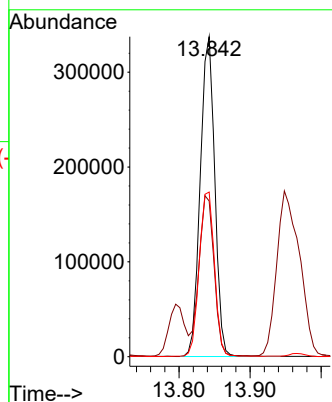
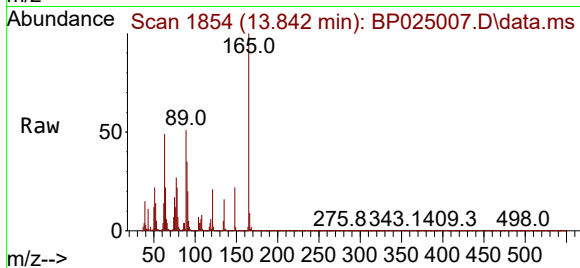




#51
2,6-Dinitrotoluene
Concen: 49.182 ng
RT: 13.842 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

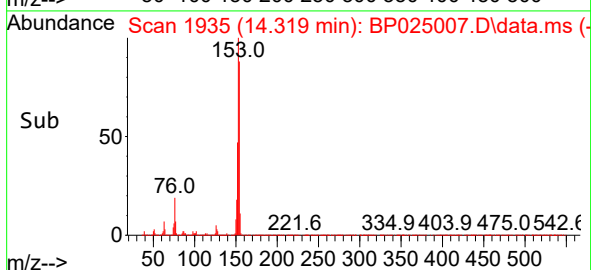
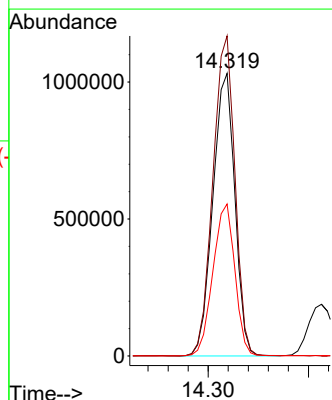
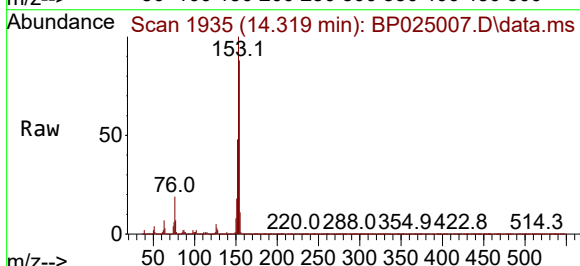
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

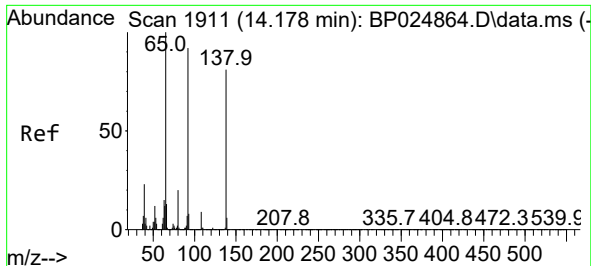
Tgt Ion:165 Resp: 481655
Ion Ratio Lower Upper
165 100
63 48.6 41.8 62.8
89 51.5 43.1 64.7



#52
Acenaphthene
Concen: 47.921 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:154 Resp: 1574892
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 53.8 42.1 63.1

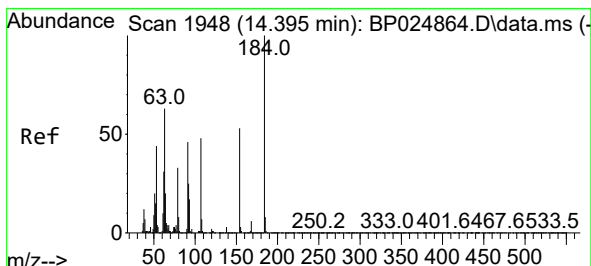
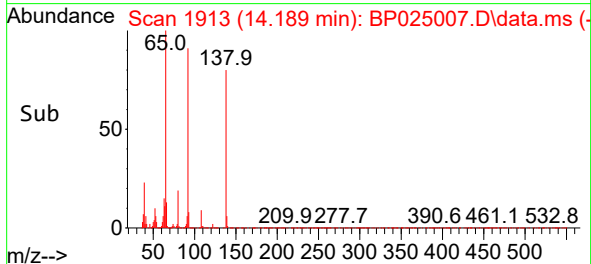
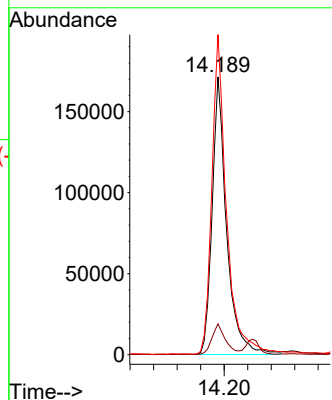
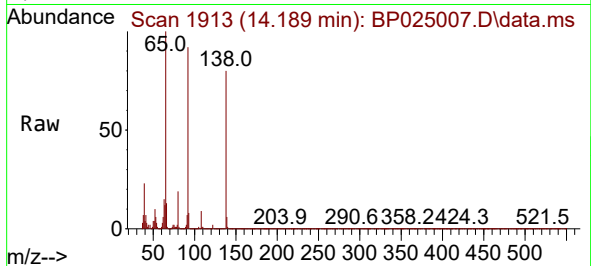




#53
3-Nitroaniline
Concen: 28.762 ng
RT: 14.189 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

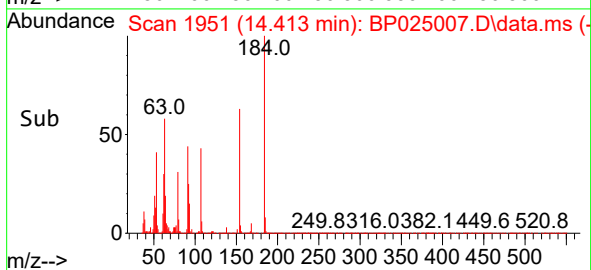
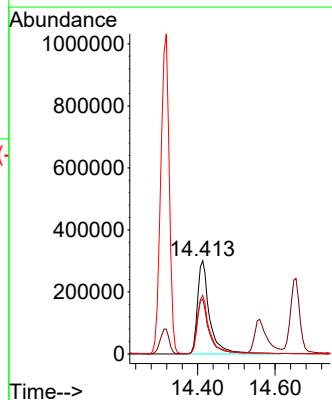
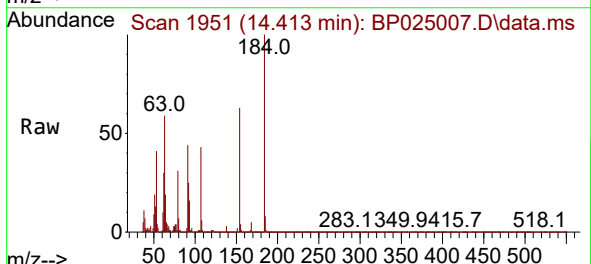
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

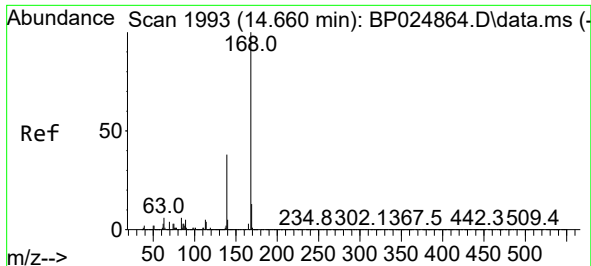
Tgt Ion:138 Resp: 292308
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 115.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 100.079 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:184 Resp: 647775
Ion Ratio Lower Upper
184 100
63 58.7 51.0 76.4
154 62.7 51.7 77.5

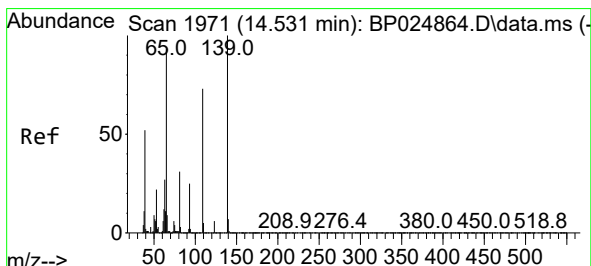
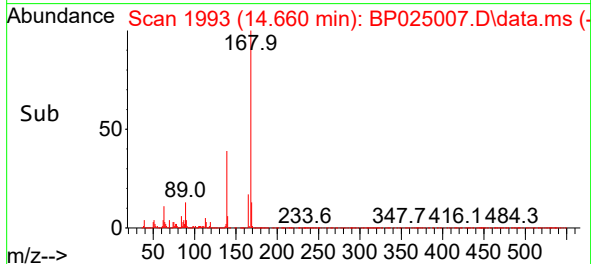
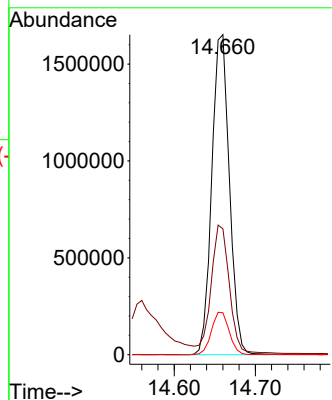
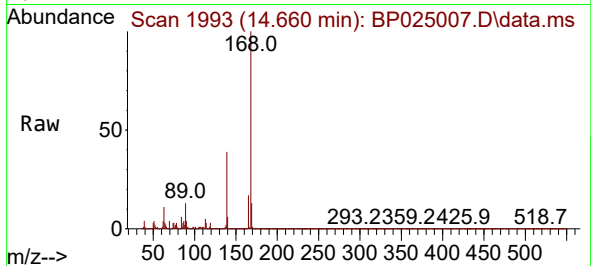




#55
Dibenzofuran
Concen: 47.109 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

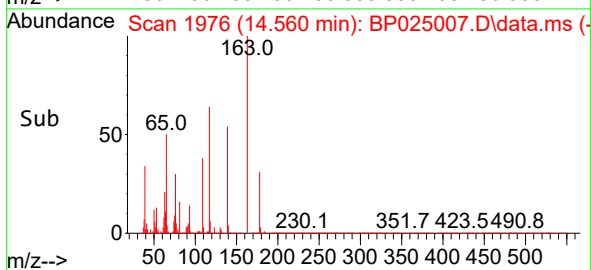
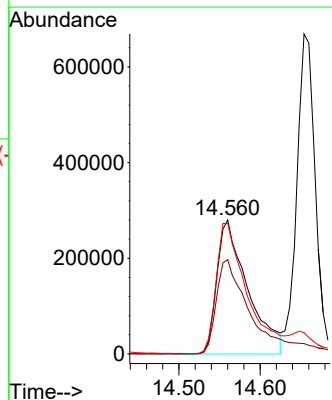
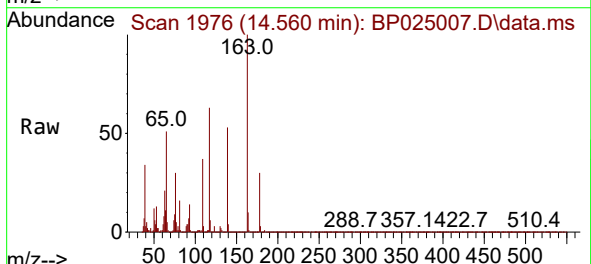
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

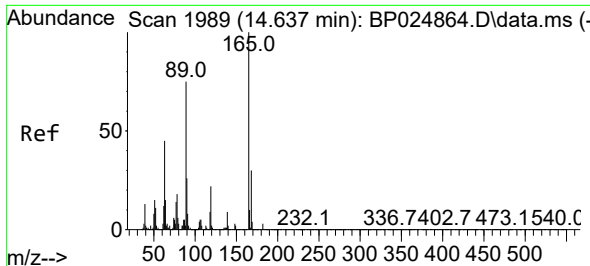
Tgt Ion:168 Resp: 2485168
Ion Ratio Lower Upper
168 100
139 39.3 31.6 47.4
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 85.165 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:139 Resp: 735984
Ion Ratio Lower Upper
139 100
109 70.5 53.1 93.1
65 97.3 73.0 113.0

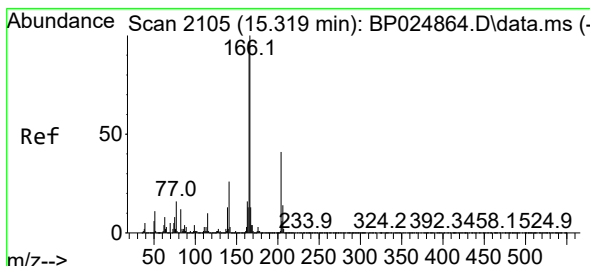
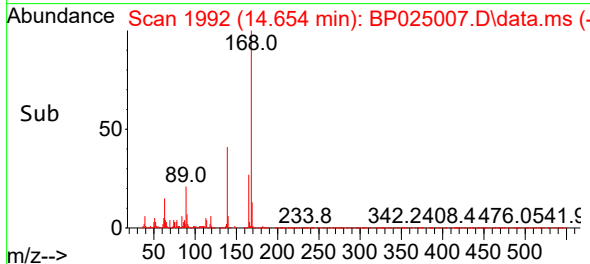
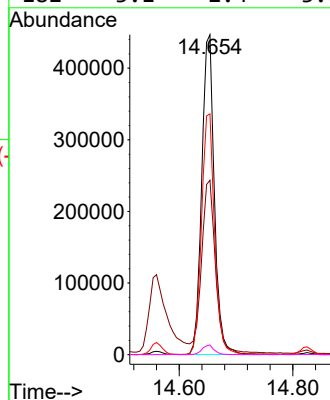
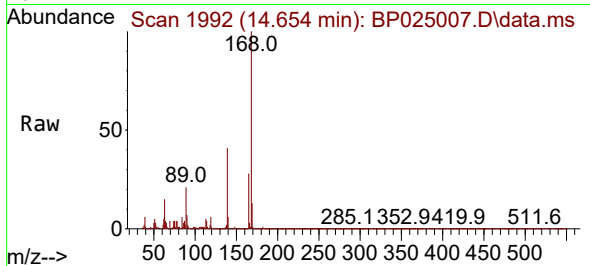




#57
2,4-Dinitrotoluene
Concen: 50.150 ng
RT: 14.654 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

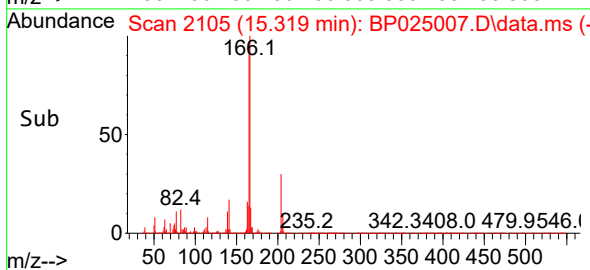
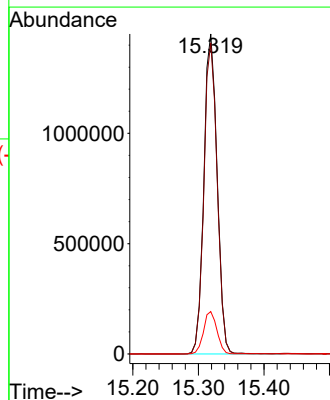
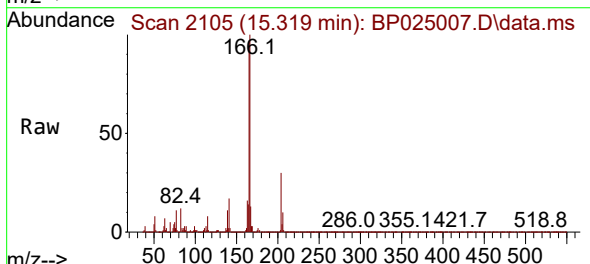
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

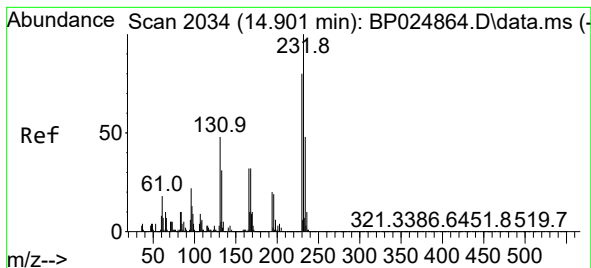
Tgt Ion:165 Resp: 687020
Ion Ratio Lower Upper
165 100
63 54.5 37.0 55.6
89 75.2 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 47.912 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:166 Resp: 2041782
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.3 10.6 16.0

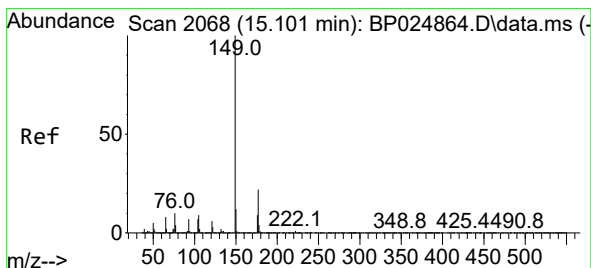
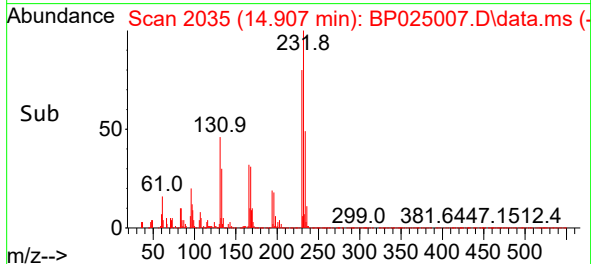
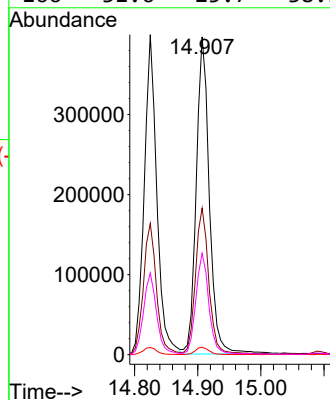
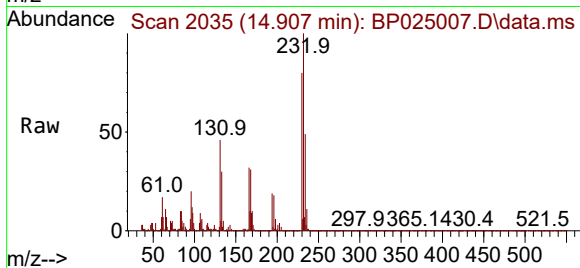




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.761 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

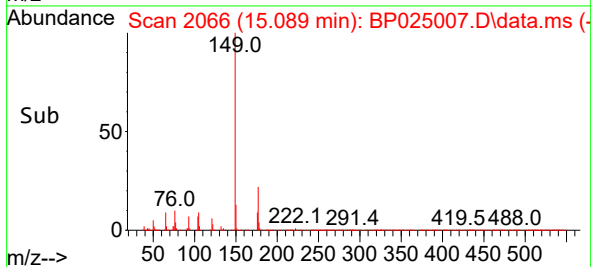
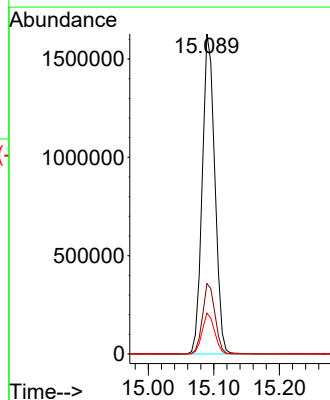
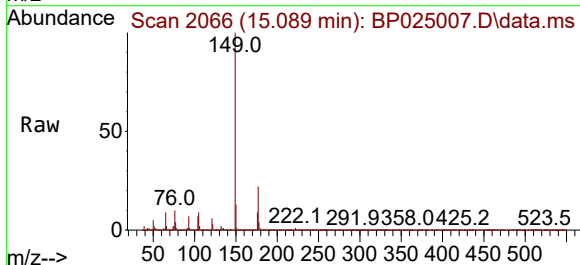
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

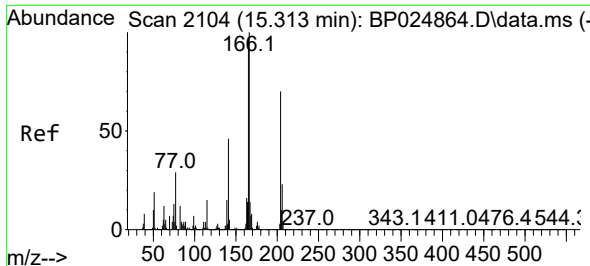
Tgt Ion:232 Resp: 569986
Ion Ratio Lower Upper
232 100
131 47.0 38.2 57.2
130 2.6 2.1 3.1
166 31.6 25.7 38.5



#60
Diethylphthalate
Concen: 48.045 ng
RT: 15.089 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:149 Resp: 2175202
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.7 9.8 14.6

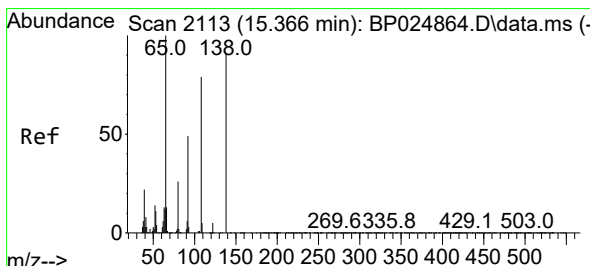
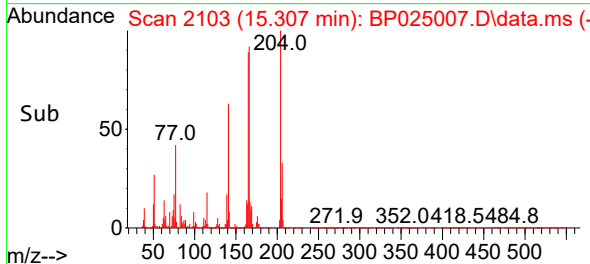
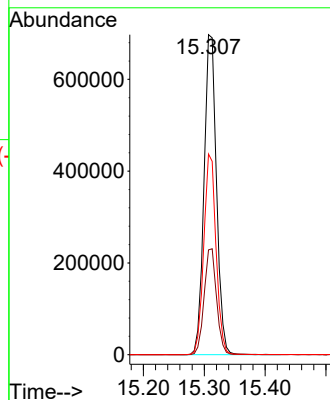
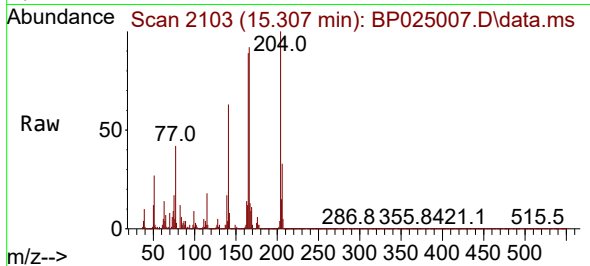




#61
4-Chlorophenyl-phenylether
Concen: 47.632 ng
RT: 15.307 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

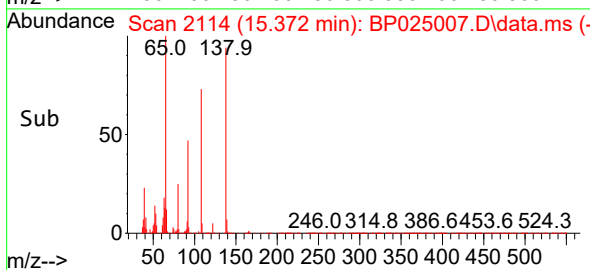
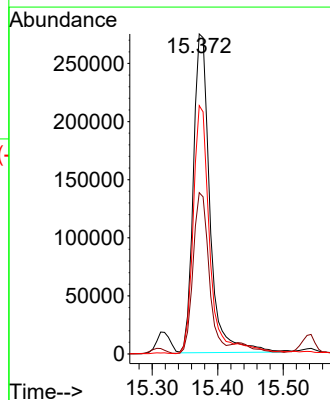
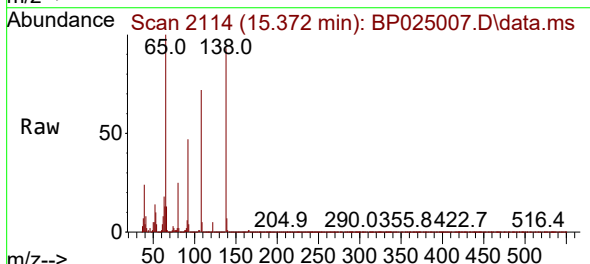
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

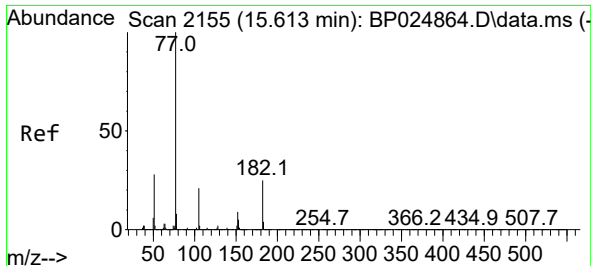
Tgt Ion:204 Resp: 992505
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 62.7 52.4 78.6



#62
4-Nitroaniline
Concen: 52.371 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:138 Resp: 482604
Ion Ratio Lower Upper
138 100
92 50.4 33.5 73.5
108 77.6 65.1 105.1



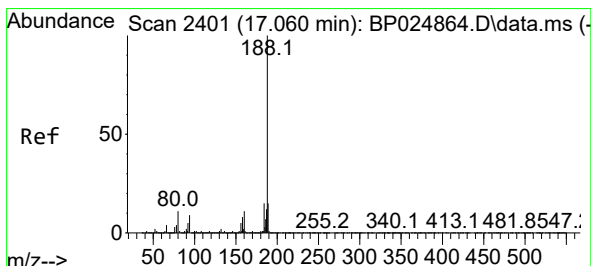
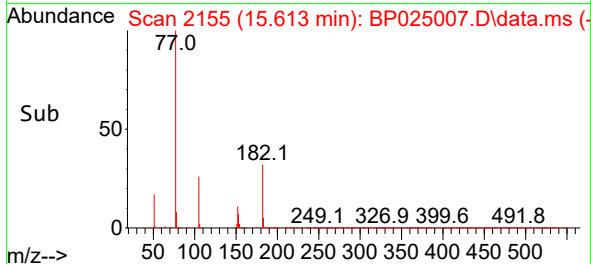
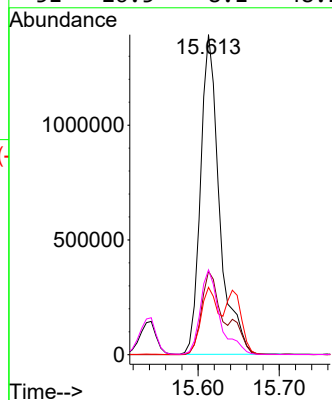
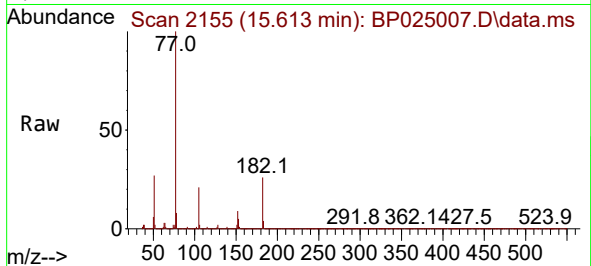


#63
Azobenzene
Concen: 54.262 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tgt Ion: 77 Resp: 2253120

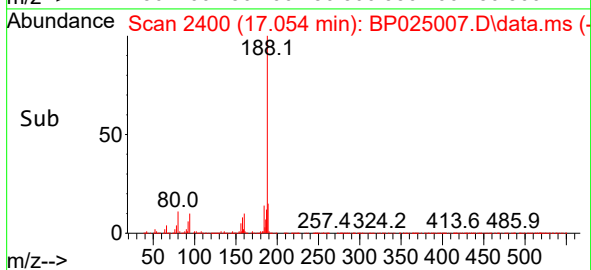
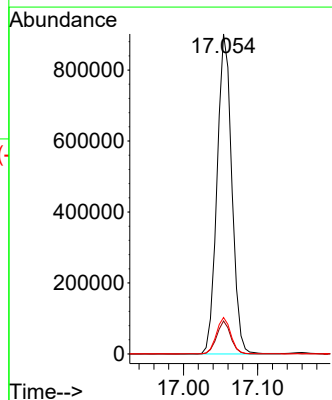
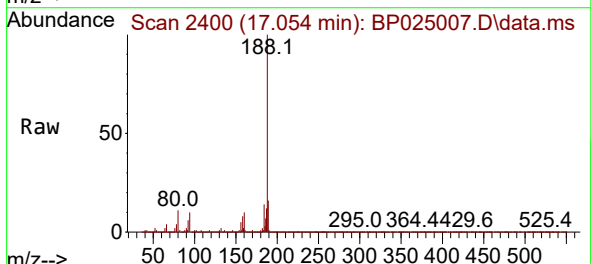
Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.4	45.4
105	21.0	0.8	40.8
51	26.5	8.1	48.1

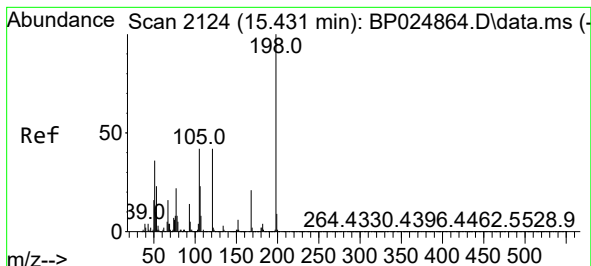


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion: 188 Resp: 1249087

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.3	10.9
80	11.4	8.5	12.7

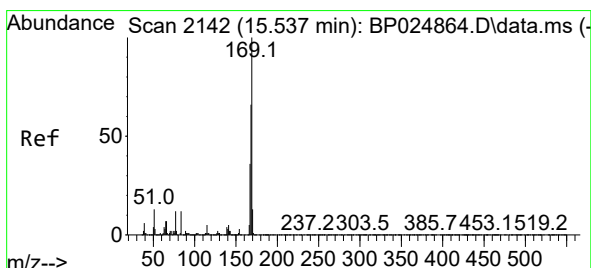
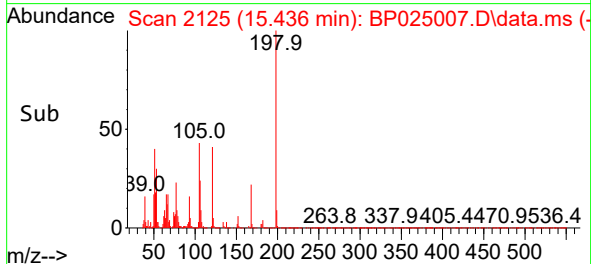
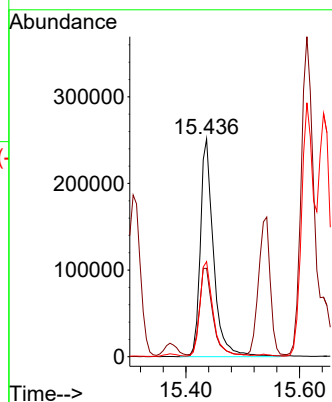
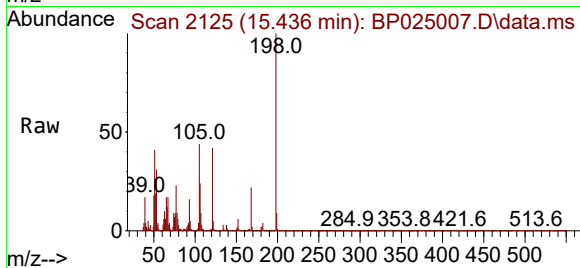




#65
4,6-Dinitro-2-methylphenol
Concen: 49.266 ng
RT: 15.436 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

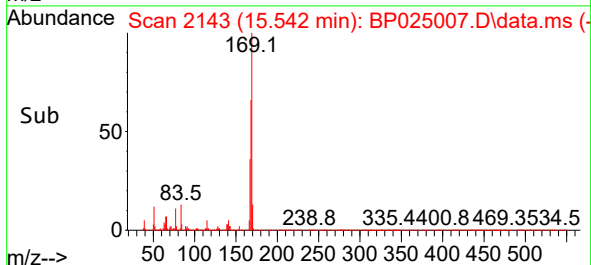
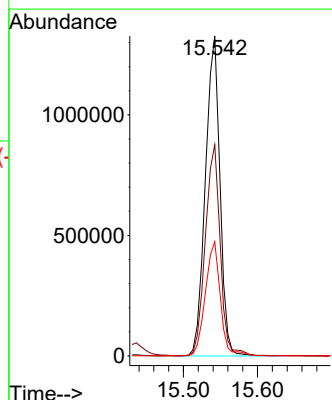
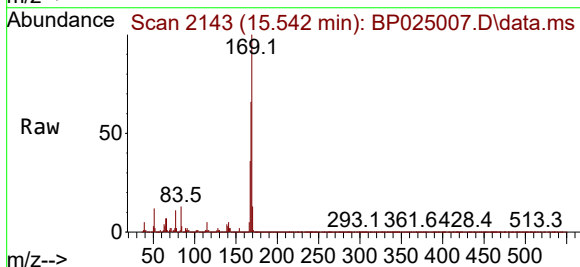
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

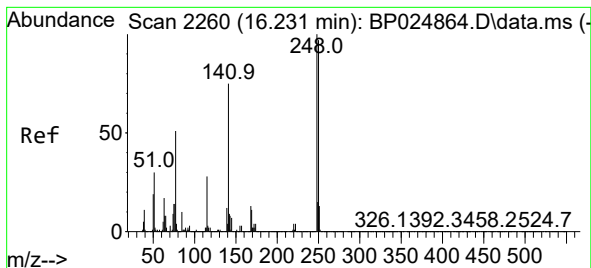
Tgt Ion:198 Resp: 404357
Ion Ratio Lower Upper
198 100
51 40.6 19.2 59.2
105 43.7 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 46.969 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:169 Resp: 1818455
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 35.7 28.6 43.0

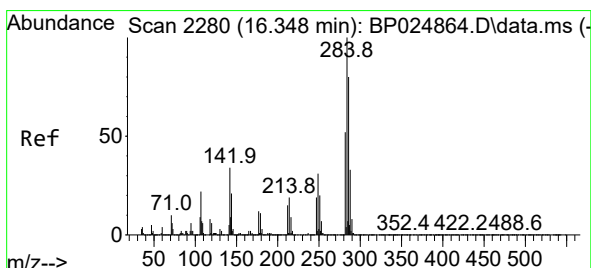
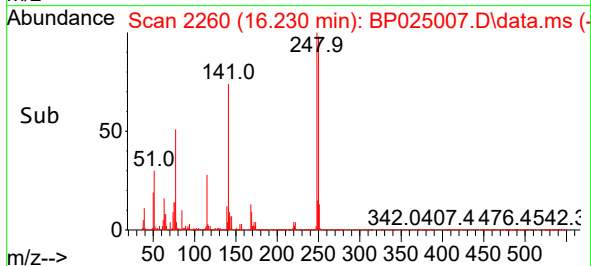
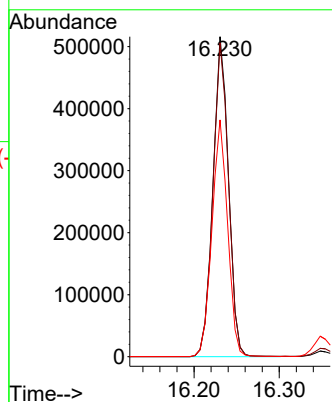
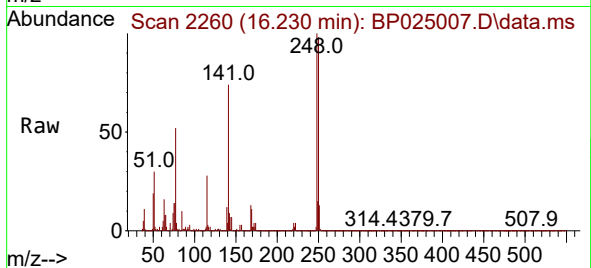




#67
4-Bromophenyl-phenylether
Concen: 46.443 ng
RT: 16.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

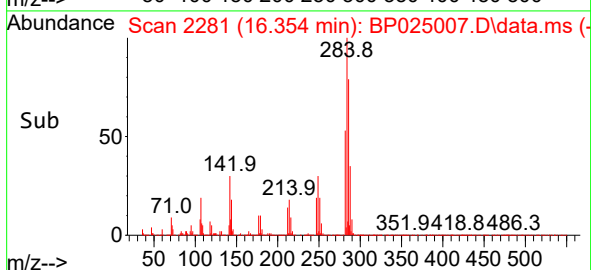
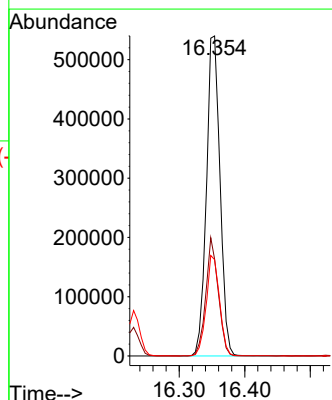
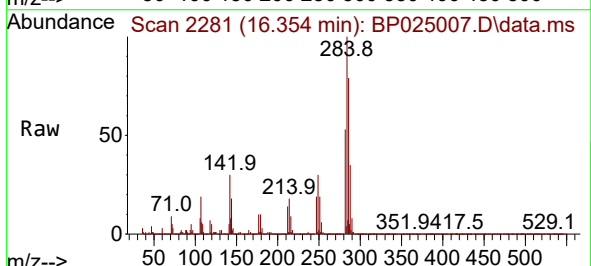
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

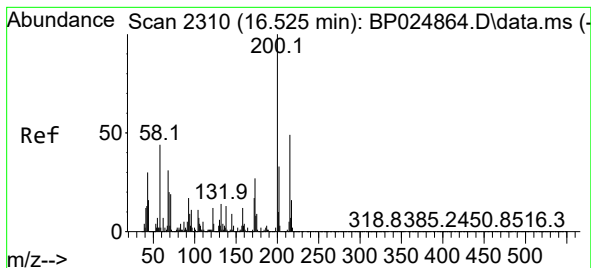
Tgt Ion:248 Resp: 654553
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 74.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 45.596 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:284 Resp: 779037
Ion Ratio Lower Upper
284 100
142 30.2 27.0 40.6
249 30.1 25.0 37.6





#69

Atrazine

Concen: 47.763 ng

RT: 16.525 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

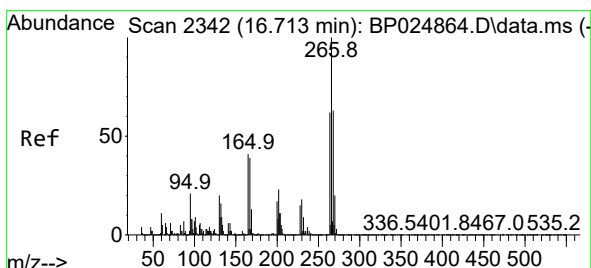
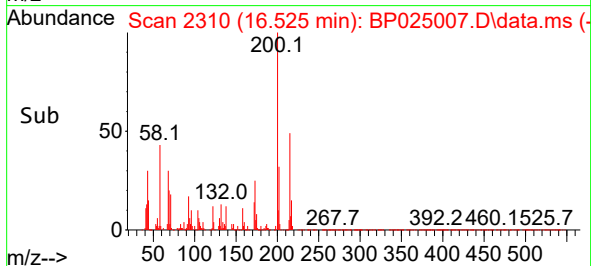
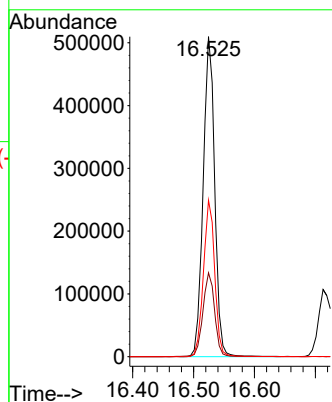
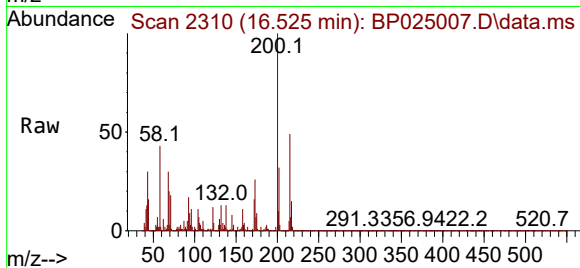
Tgt Ion:200 Resp: 670358

Ion Ratio Lower Upper

200 100

173 26.2 6.9 46.9

215 48.9 28.7 68.7



#70

Pentachlorophenol

Concen: 112.784 ng

RT: 16.713 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

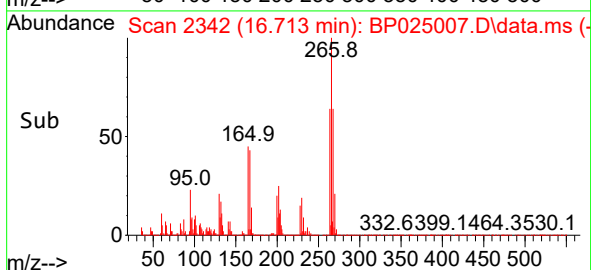
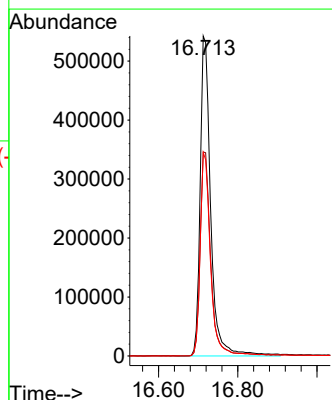
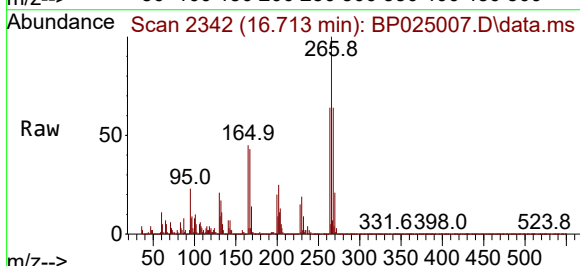
Tgt Ion:266 Resp: 997318

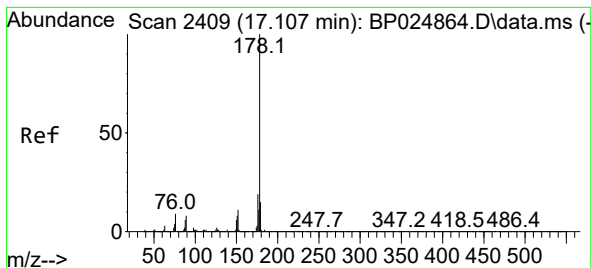
Ion Ratio Lower Upper

266 100

268 63.7 50.6 76.0

264 63.6 49.7 74.5





#71

Phenanthrene

Concen: 46.092 ng

RT: 17.101 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

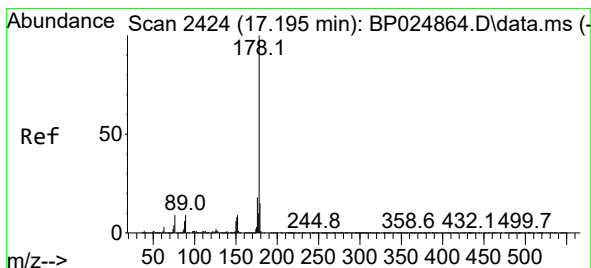
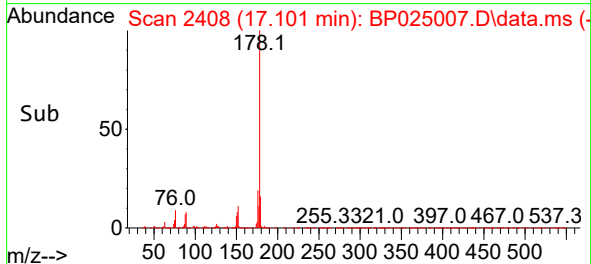
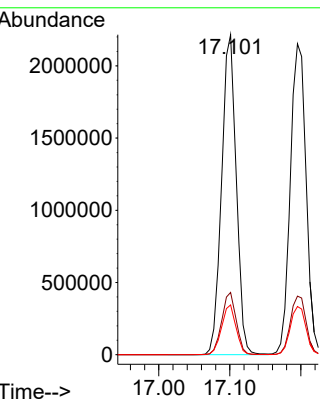
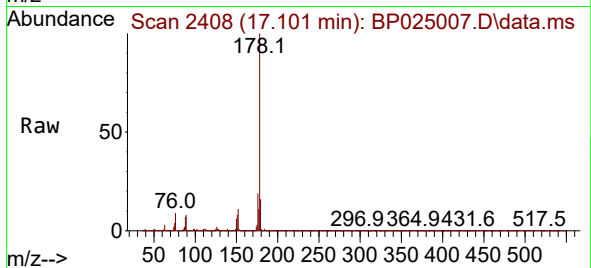
Tgt Ion:178 Resp: 3181572

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.5 12.1 18.1



#72

Anthracene

Concen: 47.710 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

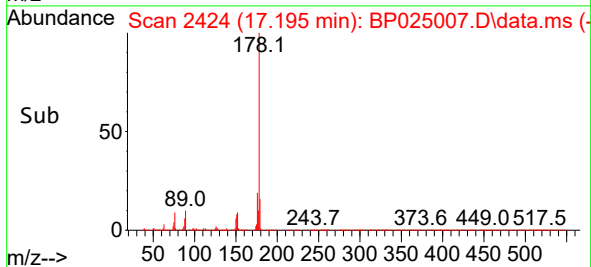
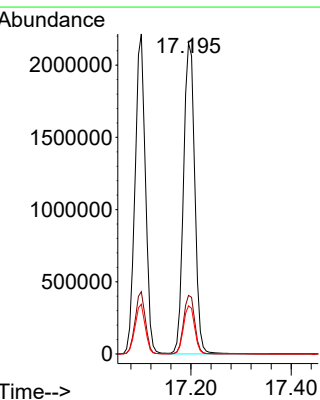
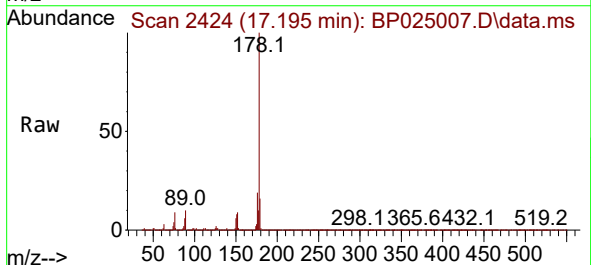
Tgt Ion:178 Resp: 3335317

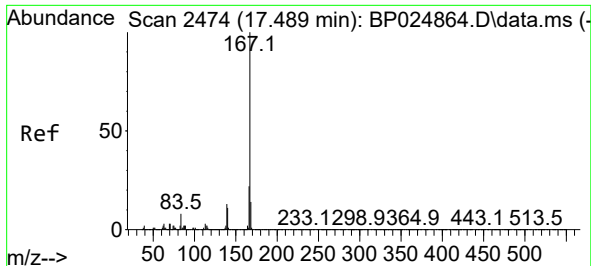
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.5 12.3 18.5

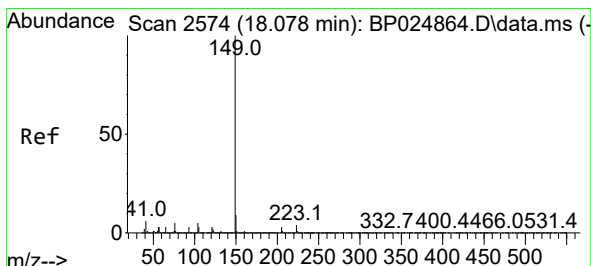
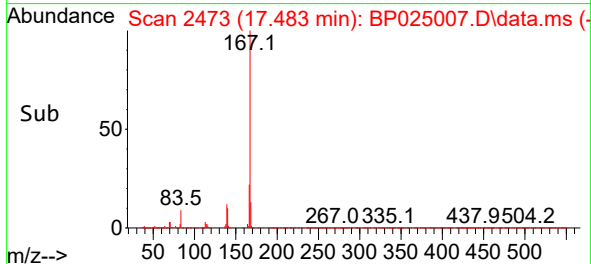
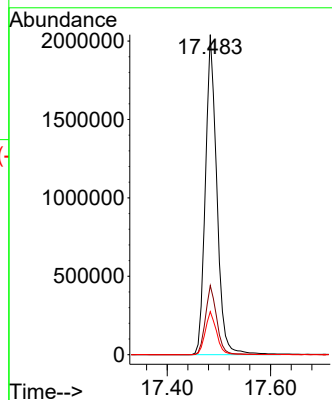
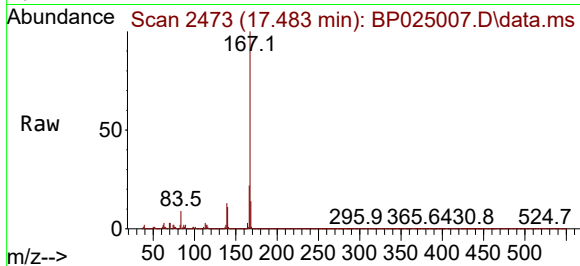




#73
 Carbazole
 Concen: 48.337 ng
 RT: 17.483 min Scan# 2473
 Delta R.T. -0.006 min
 Lab File: BP025007.D
 Acq: 19 Jun 2025 19:08

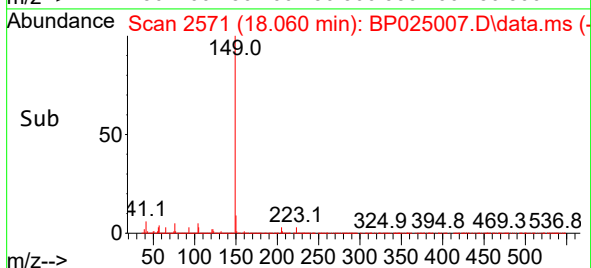
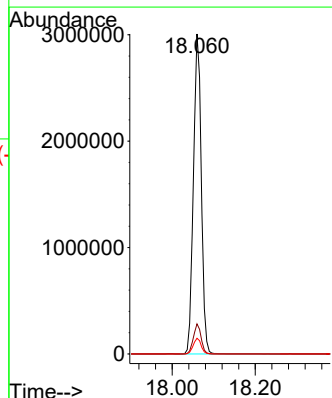
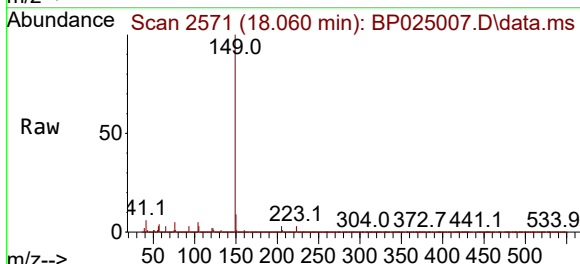
Instrument :
 BNA_P
 ClientSampleId :
 TP-10MSD

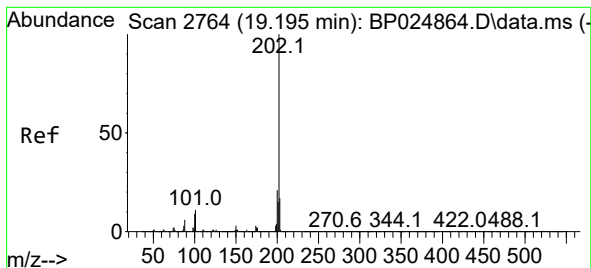
Tgt Ion:167 Resp: 3132092
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 49.032 ng
 RT: 18.060 min Scan# 2571
 Delta R.T. -0.018 min
 Lab File: BP025007.D
 Acq: 19 Jun 2025 19:08

Tgt Ion:149 Resp: 3936416
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 47.866 ng

RT: 19.189 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

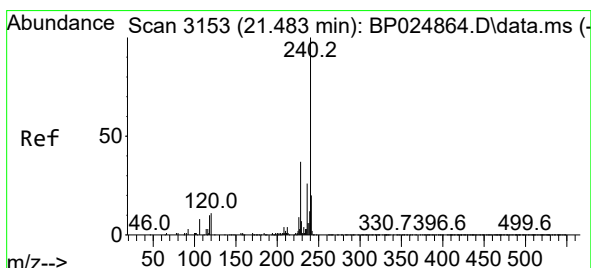
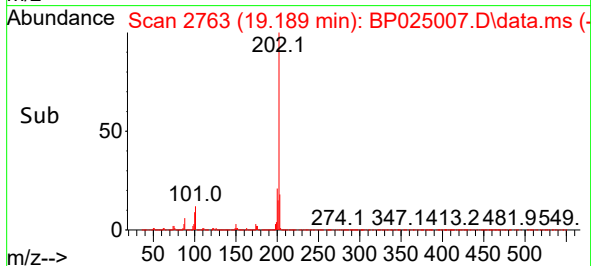
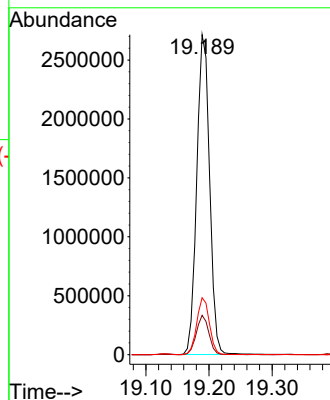
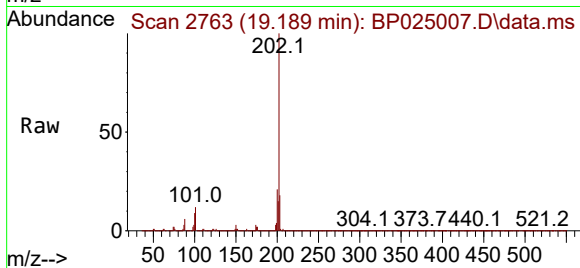
Tgt Ion:202 Resp: 3829480

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.4

203 17.8 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: BP025007.D

Acq: 19 Jun 2025 19:08

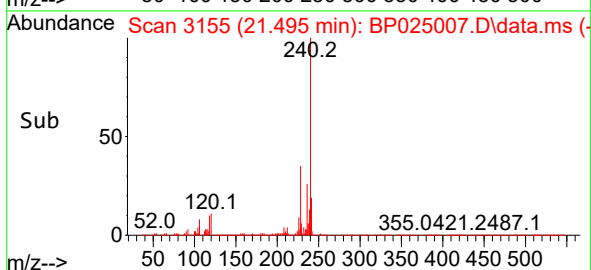
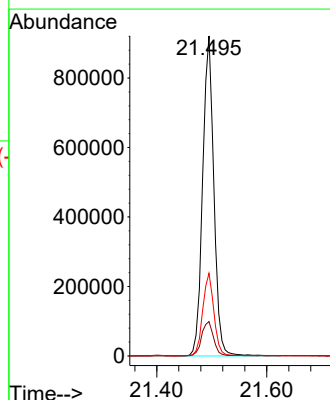
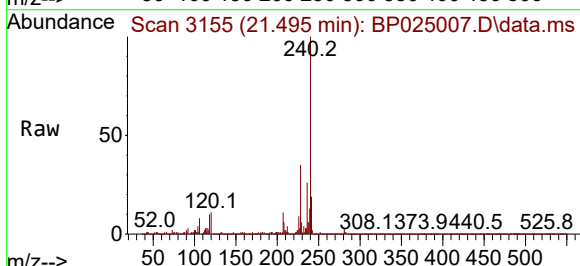
Tgt Ion:240 Resp: 1308170

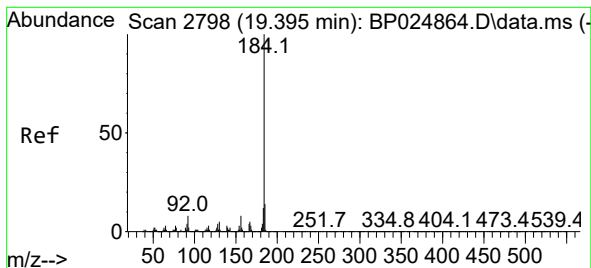
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.8 20.9 31.3





#77

Benzidine

Concen: 47.093 ng

RT: 19.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

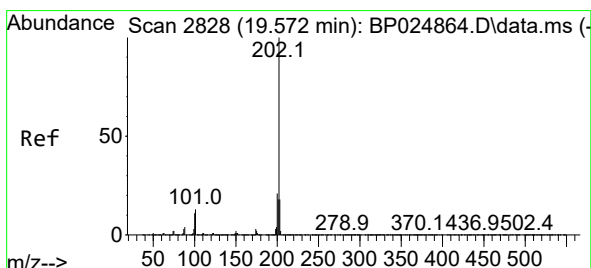
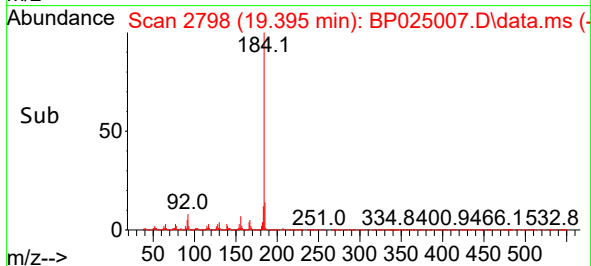
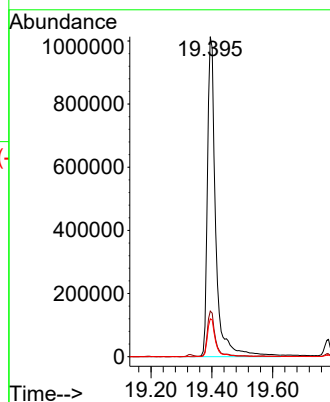
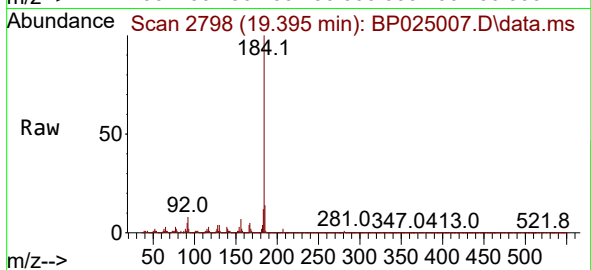
Tgt Ion:184 Resp: 1908036

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.9 9.5 14.3



#78

Pyrene

Concen: 48.716 ng

RT: 19.566 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

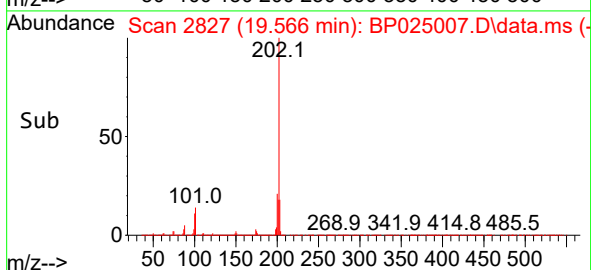
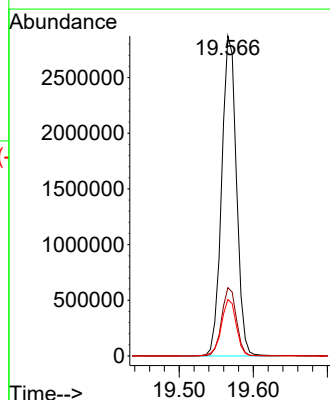
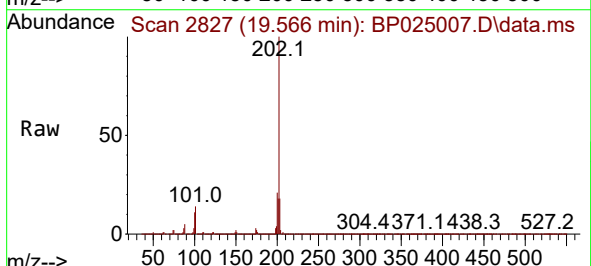
Tgt Ion:202 Resp: 3981423

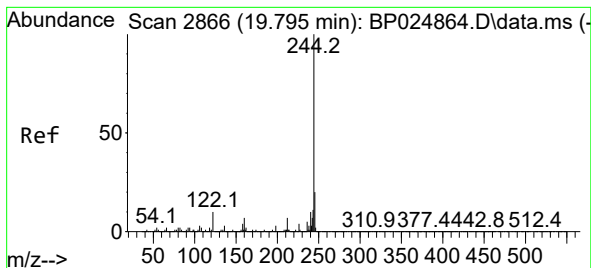
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 60.105 ng

RT: 19.783 min Scan# 2

Delta R.T. -0.012 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

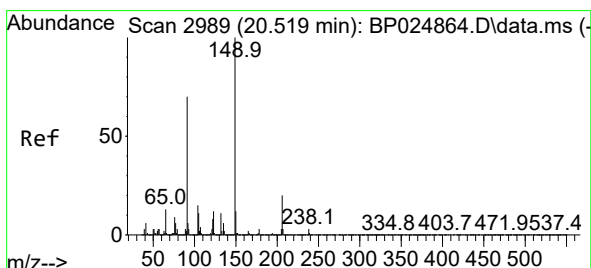
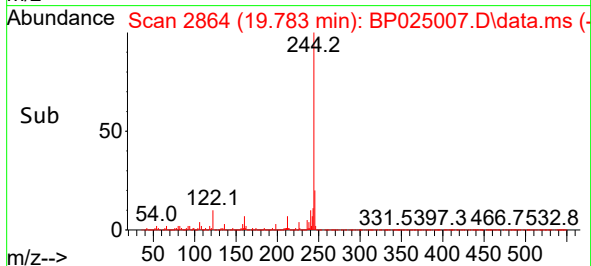
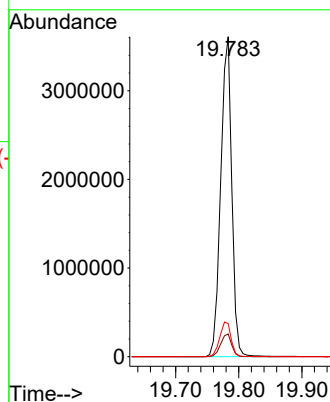
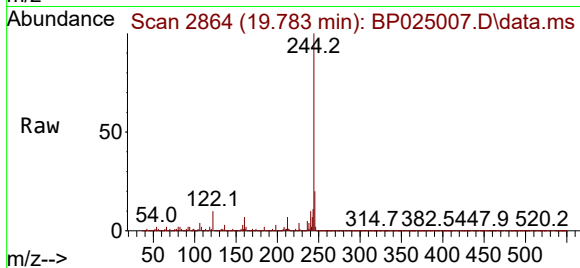
Tgt Ion:244 Resp: 4387058

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 50.187 ng

RT: 20.519 min Scan# 2989

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

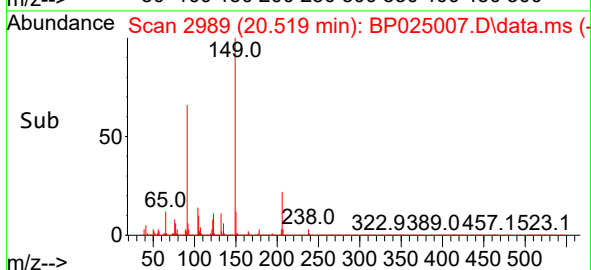
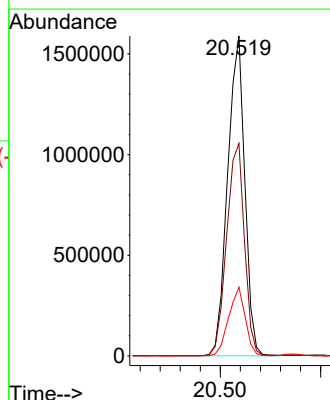
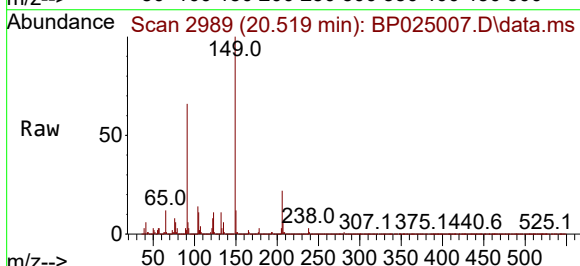
Tgt Ion:149 Resp: 1878758

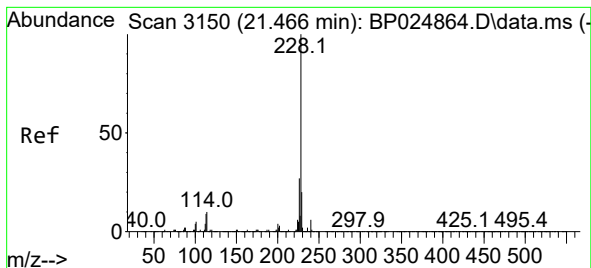
Ion Ratio Lower Upper

149 100

91 66.4 55.8 83.8

206 21.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.947 ng

RT: 21.477 min Scan# 3150

Delta R.T. 0.012 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

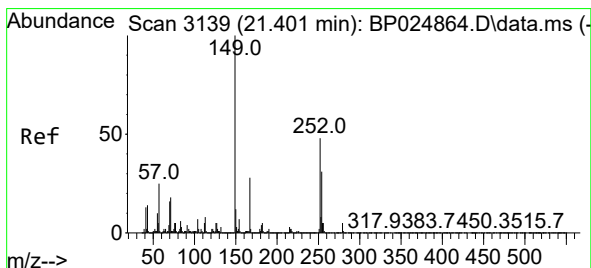
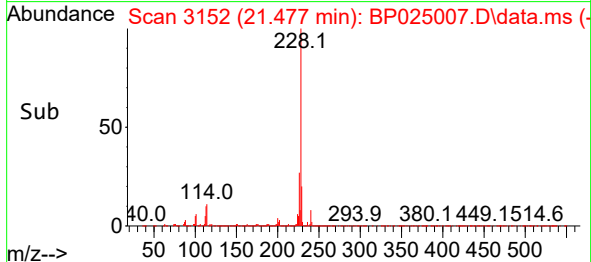
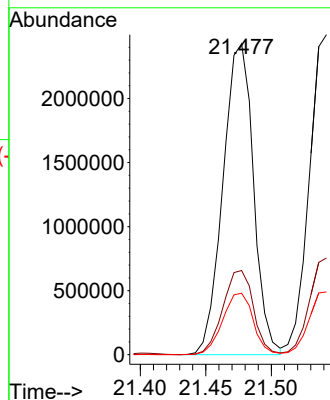
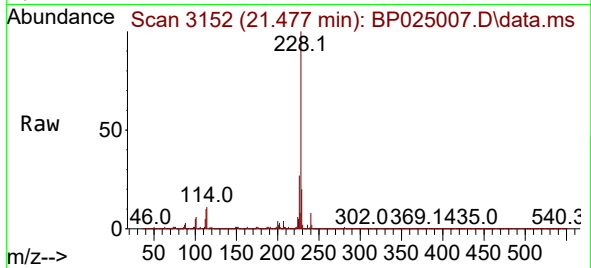
Tgt Ion:228 Resp: 3927926

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.624 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

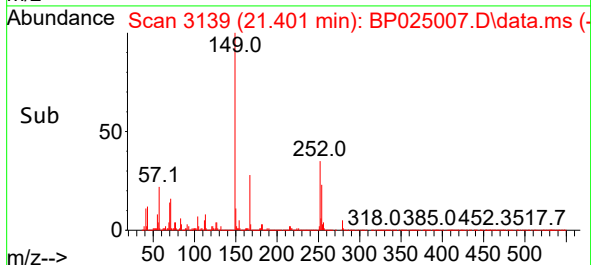
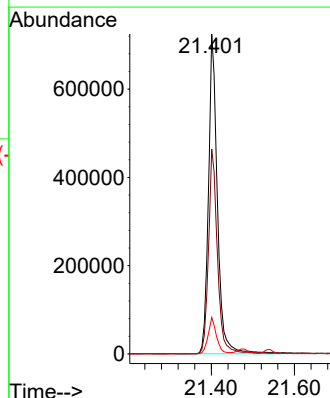
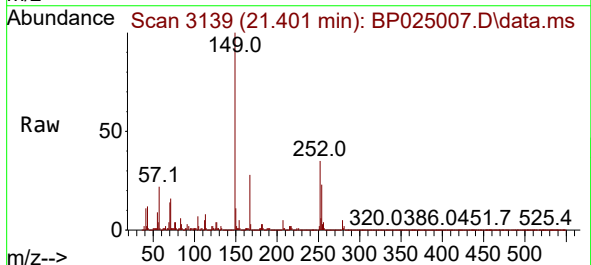
Tgt Ion:252 Resp: 1083650

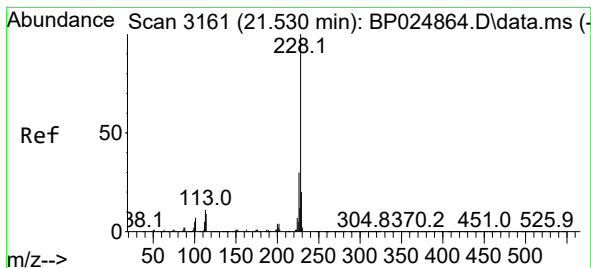
Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

126 11.4 8.6 12.8





#83

Chrysene

Concen: 47.078 ng

RT: 21.542 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

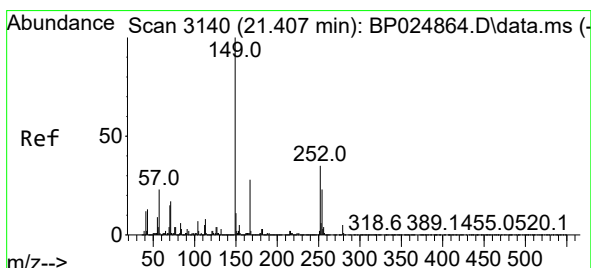
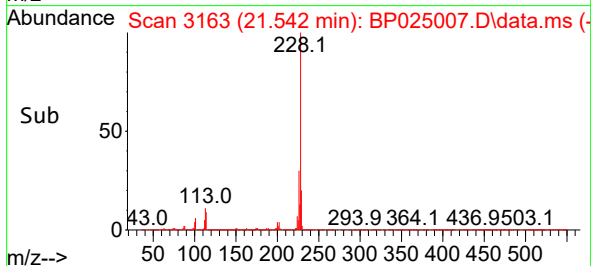
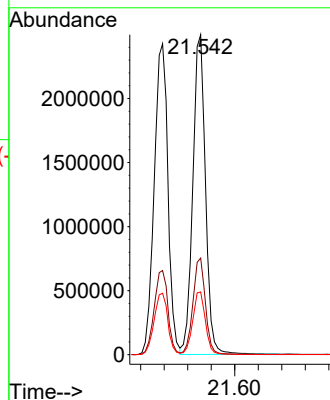
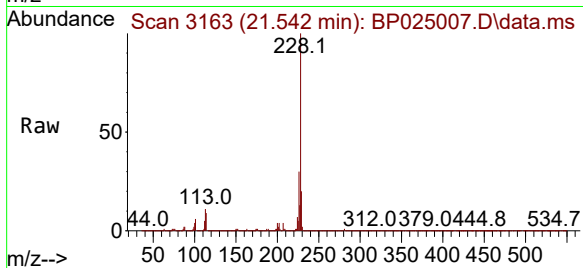
Tgt Ion:228 Resp: 3732223

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.423 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

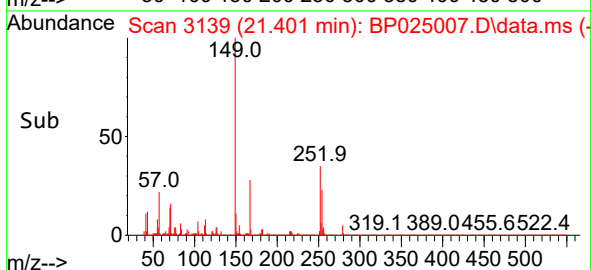
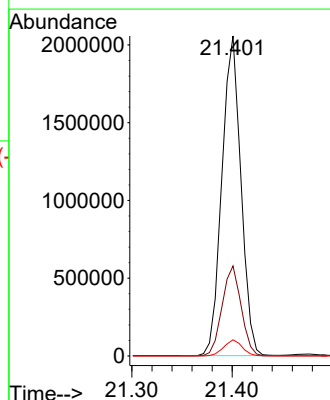
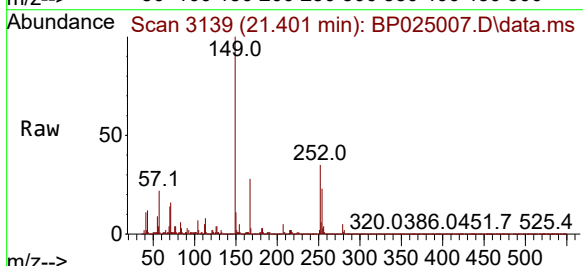
Tgt Ion:149 Resp: 2704452

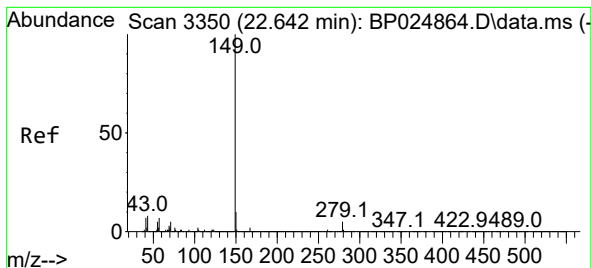
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.294 ng

RT: 22.636 min Scan# 311

Delta R.T. -0.006 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

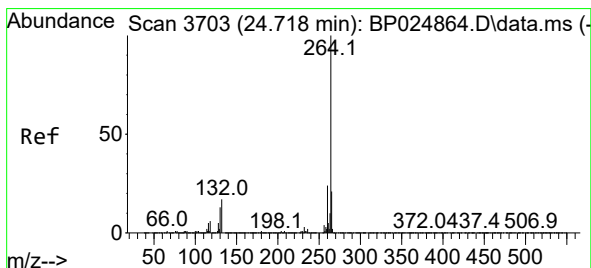
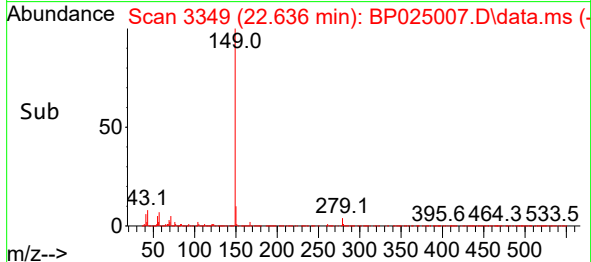
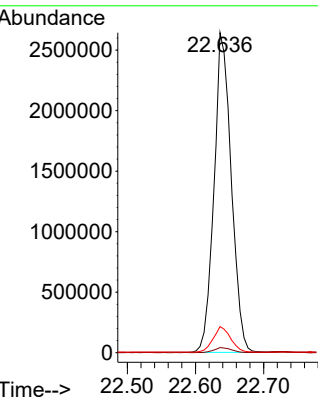
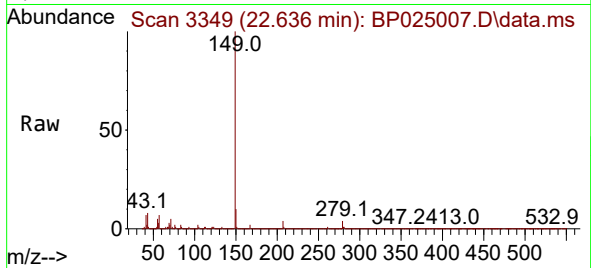
Tgt Ion:149 Resp: 4660187

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.047 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

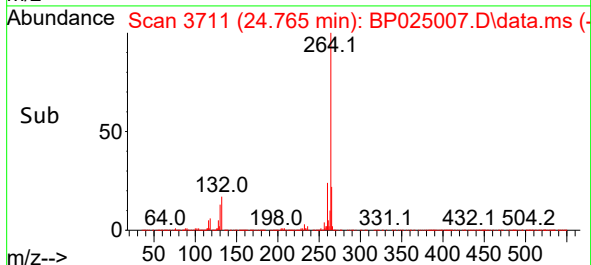
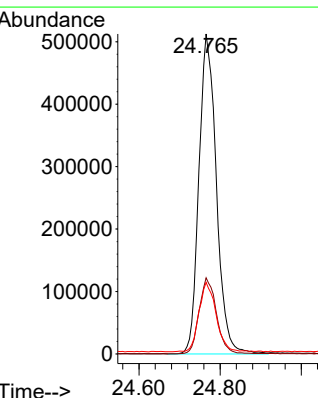
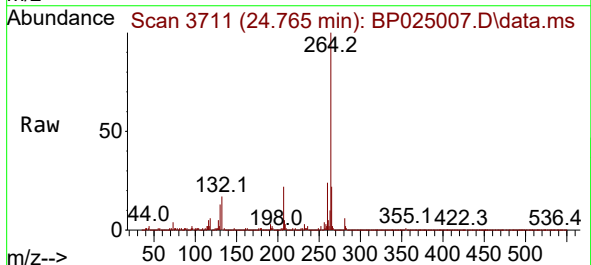
Tgt Ion:264 Resp: 1527853

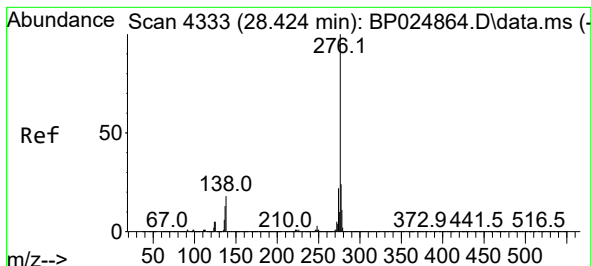
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.924 ng

RT: 28.495 min Scan# 41

Delta R.T. 0.070 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

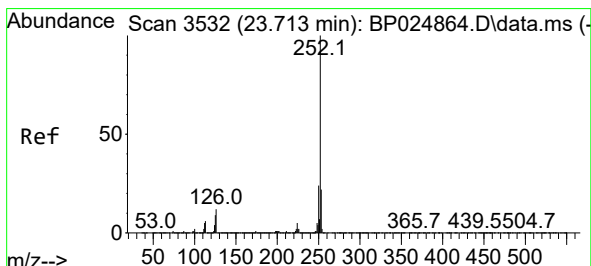
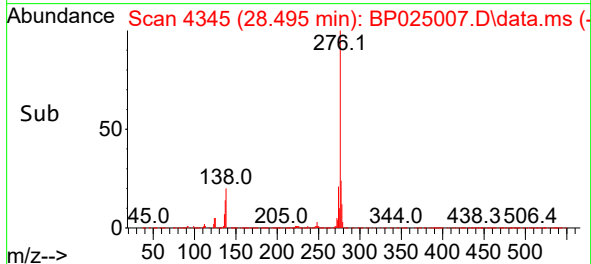
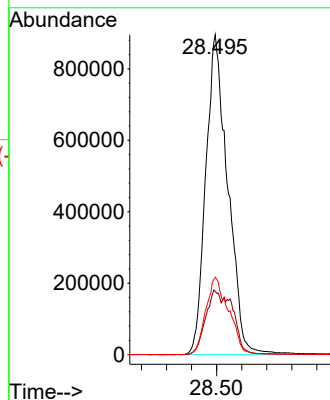
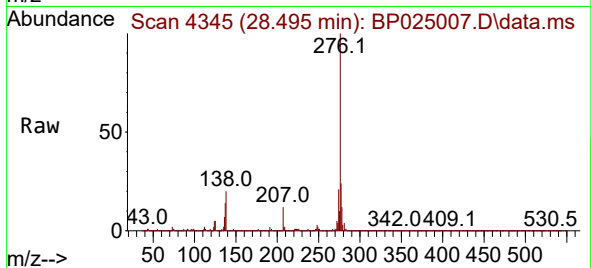
Tgt Ion:276 Resp: 5453869

Ion Ratio Lower Upper

276 100

138 13.6 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.675 ng

RT: 23.730 min Scan# 3535

Delta R.T. 0.017 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

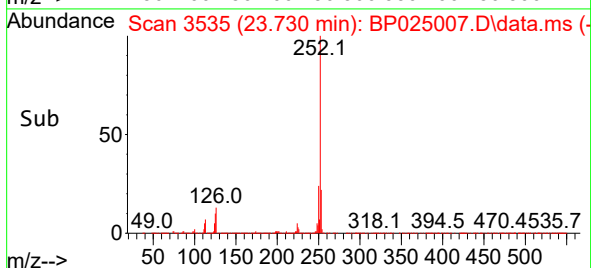
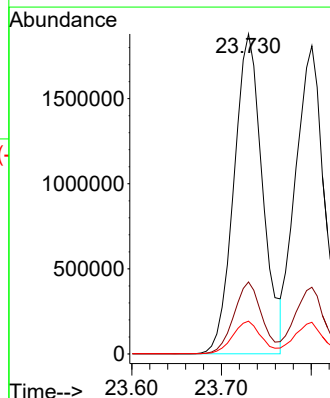
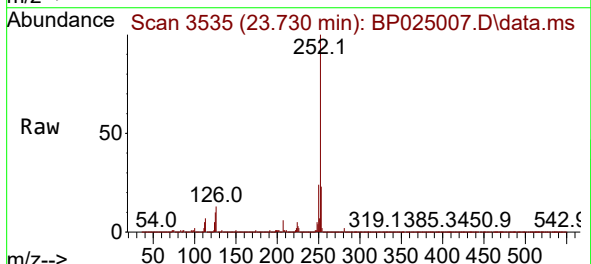
Tgt Ion:252 Resp: 4168657

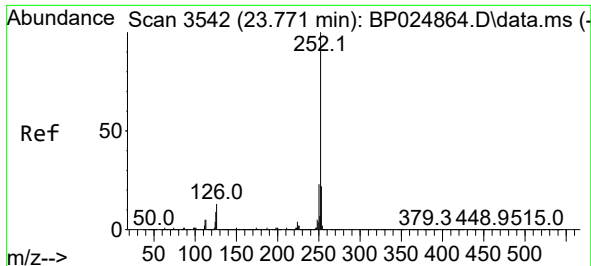
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 10.2 7.1 10.7

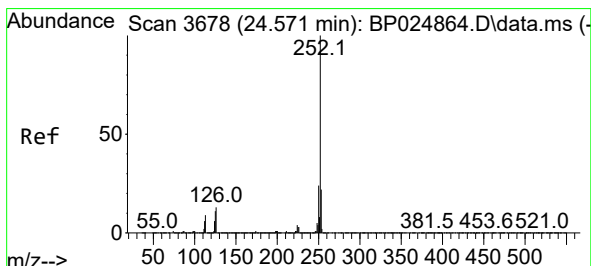
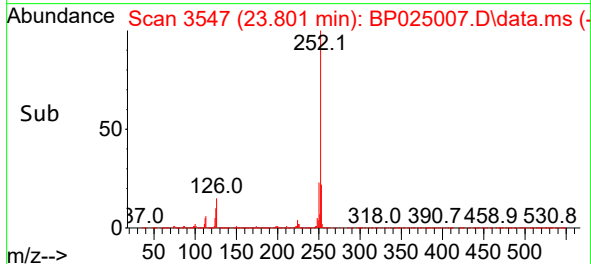
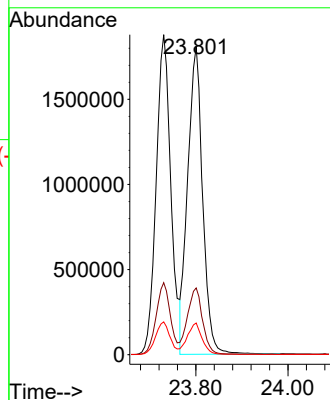
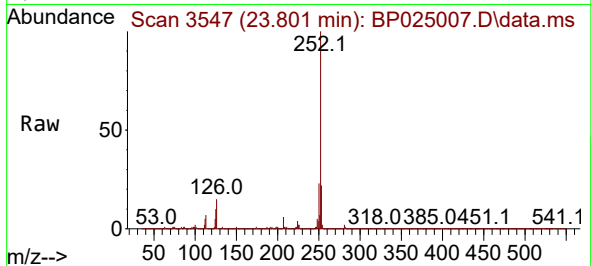




#89
Benzo(k)fluoranthene
Concen: 45.557 ng
RT: 23.801 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

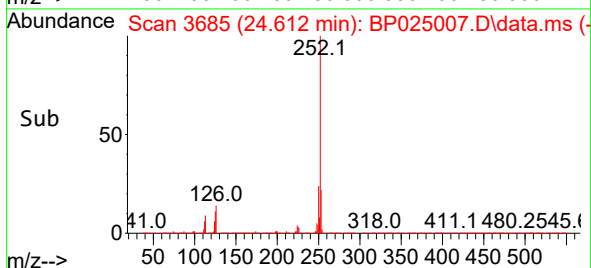
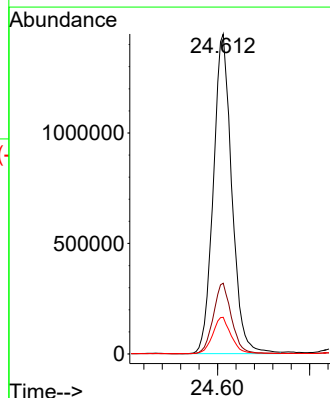
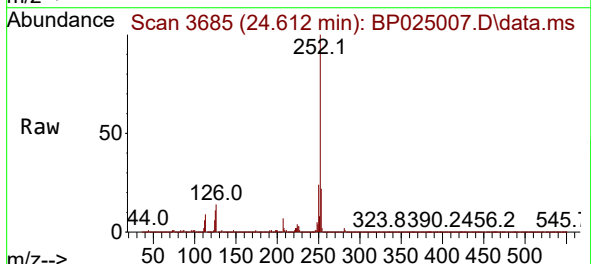
Instrument :
BNA_P
ClientSampleId :
TP-10MSD

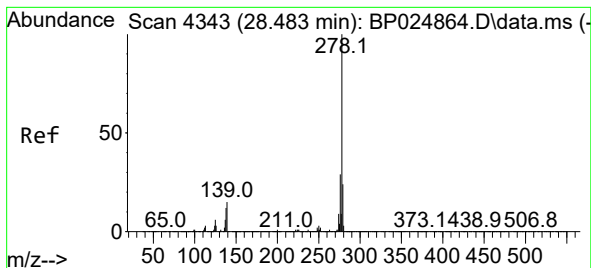
Tgt Ion:252 Resp: 4054783
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.154 ng
RT: 24.612 min Scan# 3685
Delta R.T. 0.041 min
Lab File: BP025007.D
Acq: 19 Jun 2025 19:08

Tgt Ion:252 Resp: 4026608
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.966 ng

RT: 28.559 min Scan# 41

Delta R.T. 0.076 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

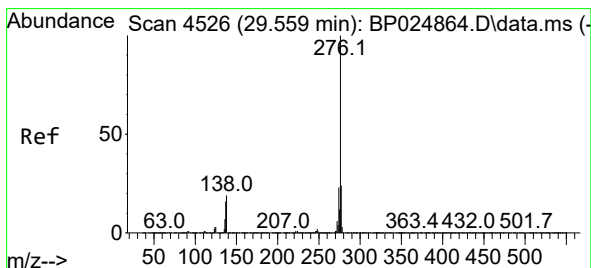
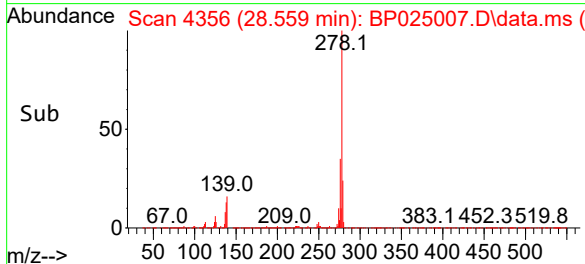
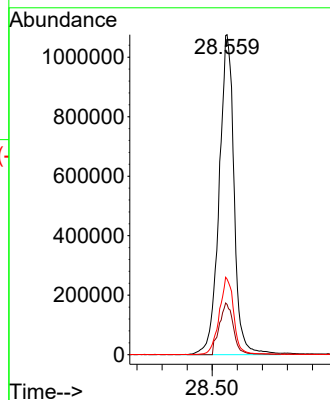
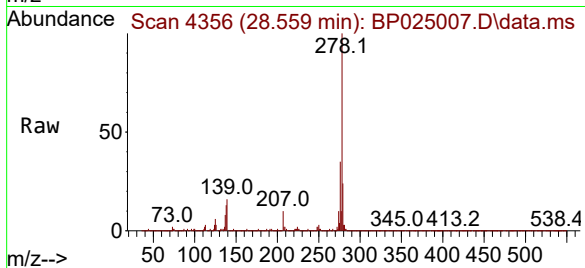
Tgt Ion:278 Resp: 4443108

Ion Ratio Lower Upper

278 100

139 15.7 12.0 18.0

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.304 ng

RT: 29.647 min Scan# 4541

Delta R.T. 0.088 min

Lab File: BP025007.D

Acq: 19 Jun 2025 19:08

Tgt Ion:276 Resp: 4438842

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 21.3 15.4 23.2

