

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025020.D
 Acq On : 20 Jun 2025 16:21
 Operator : RC/JU
 Sample : Q2362-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11MSD

Quant Time: Jun 20 16:43:24 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	7.596	152	305958	20.000	ng	-0.02
21) Naphthalene-d8	10.372	136	1080986	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	615931	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1161125	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	1249260	20.000	ng	0.00
86) Perylene-d12	24.765	264	1495166	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1745311	95.218	ng	0.00
7) Phenol-d6	6.813	99	2148171	88.577	ng	0.00
23) Nitrobenzene-d5	8.755	82	1276835	57.397	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	919357	107.962	ng	0.00
45) 2-Fluorobiphenyl	12.848	172	2772639	60.641	ng	-0.01
79) Terphenyl-d14	19.777	244	4369192	62.683	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	342366	42.450	ng	98
3) Pyridine	3.561	79	855044	44.083	ng	98
4) n-Nitrosodimethylamine	3.478	42	347434	43.815	ng	95
6) Aniline	6.943	93	746033	24.105	ng	99
8) 2-Chlorophenol	7.184	128	971014	46.730	ng	98
9) Benzaldehyde	6.761	77	619978	44.352	ng	97
10) Phenol	6.837	94	1110227	44.407	ng	99
11) bis(2-Chloroethyl)ether	7.037	93	870588	44.273	ng	98
12) 1,3-Dichlorobenzene	7.490	146	1078049	46.507	ng	98
13) 1,4-Dichlorobenzene	7.631	146	1090185	46.611	ng	99
14) 1,2-Dichlorobenzene	7.943	146	1038259	45.206	ng	99
15) Benzyl Alcohol	7.849	79	778291	41.815	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.113	45	1048902	40.754	ng	98
17) 2-Methylphenol	8.066	107	743909	42.610	ng	98
18) Hexachloroethane	8.655	117	396899	45.073	ng	95
19) n-Nitroso-di-n-propyla...	8.402	70	631615	38.310	ng	99
20) 3+4-Methylphenols	8.396	107	981482	41.206	ng	96
22) Acetophenone	8.419	105	1311220	48.010	ng	99
24) Nitrobenzene	8.796	77	946600	47.898	ng	96
25) Isophorone	9.319	82	1704858	44.220	ng	98
26) 2-Nitrophenol	9.502	139	507231	52.018	ng	94
27) 2,4-Dimethylphenol	9.572	122	792099	47.464	ng	99
28) bis(2-Chloroethoxy)met...	9.790	93	1061468	46.155	ng	98
29) 2,4-Dichlorophenol	10.054	162	801873	50.078	ng	100
30) 1,2,4-Trichlorobenzene	10.237	180	904367	50.074	ng	99
31) Naphthalene	10.419	128	2680612	48.390	ng	100
32) Benzoic acid	9.784	122	541650	48.030	ng	96
33) 4-Chloroaniline	10.554	127	428158	18.448	ng	98
34) Hexachlorobutadiene	10.696	225	561755	51.607	ng	99
35) Caprolactam	11.360	113	254541	43.185	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	835476	45.236	ng	98
37) 2-Methylnaphthalene	12.037	142	1646538	46.857	ng	100
38) 1-Methylnaphthalene	12.260	142	1729933	46.048	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	937352	53.632	ng	99
41) Hexachlorocyclopentadiene	12.384	237	966026	90.621	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	615430	52.434	ng	98

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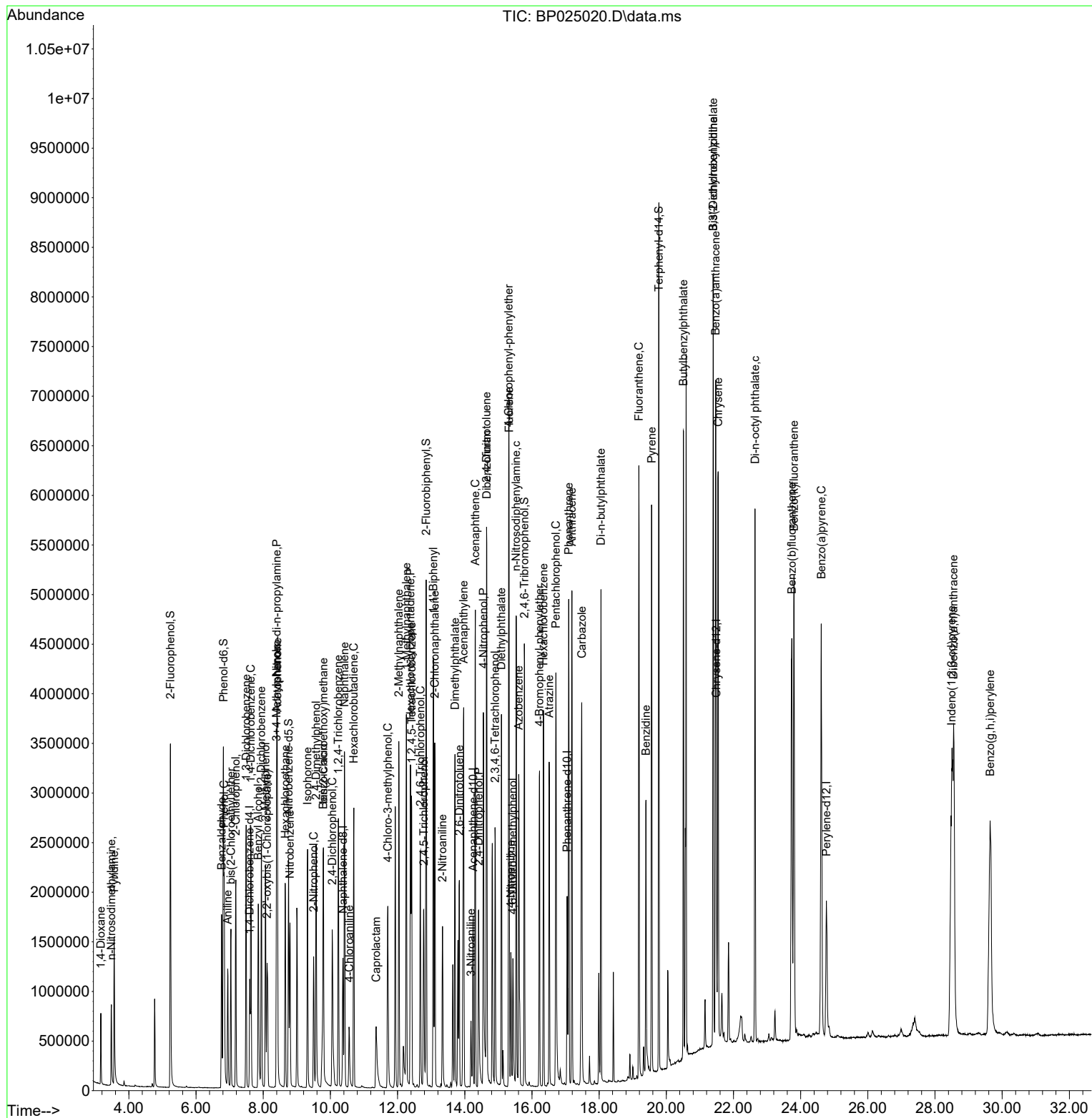
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	662890	52.737	ng	97
46) 1,1'-Biphenyl	13.066	154	2285588	51.062	ng	99
47) 2-Chloronaphthalene	13.107	162	1767364	51.373	ng	100
48) 2-Nitroaniline	13.337	65	503372	47.593	ng	89
49) Acenaphthylene	13.966	152	2817727	49.122	ng	100
50) Dimethylphthalate	13.707	163	2140804	47.117	ng	100
51) 2,6-Dinitrotoluene	13.837	165	477032	48.701	ng	97
52) Acenaphthene	14.313	154	1625669	49.457	ng	100
53) 3-Nitroaniline	14.184	138	210907	20.748	ng	100
54) 2,4-Dinitrophenol	14.413	184	619525	95.941	ng	91
55) Dibenzofuran	14.654	168	2538288	48.108	ng	99
56) 4-Nitrophenol	14.554	139	686644	79.805	ng	95
57) 2,4-Dinitrotoluene	14.648	165	672953	49.114	ng	94
58) Fluorene	15.319	166	2060141	48.334	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	586572	52.229	ng	95
60) Diethylphthalate	15.089	149	2155856	47.609	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	1022868	49.081	ng	95
62) 4-Nitroaniline	15.372	138	442608	48.022	ng	92
63) Azobenzene	15.607	77	2138297	51.488	ng	97
65) 4,6-Dinitro-2-methylph...	15.431	198	395596	51.850	ng	100
66) n-Nitrosodiphenylamine	15.531	169	1811869	50.344	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	684124	52.218	ng	96
68) Hexachlorobenzene	16.342	284	809569	50.972	ng	98
69) Atrazine	16.513	200	664315	50.918	ng	100
70) Pentachlorophenol	16.713	266	1008837	122.729	ng	100
71) Phenanthrene	17.095	178	3190417	49.722	ng	99
72) Anthracene	17.189	178	3282135	50.506	ng	100
73) Carbazole	17.483	167	3066909	50.916	ng	100
74) Di-n-butylphthalate	18.054	149	3723419	49.892	ng	99
75) Fluoranthene	19.183	202	3755166	50.493	ng	99
77) Benzidine	19.395	184	1791224	46.295	ng	99
78) Pyrene	19.566	202	3865806	49.532	ng	100
80) Butylbenzylphthalate	20.507	149	1784155	49.907	ng	98
81) Benzo(a)anthracene	21.471	228	3966228	49.640	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	927065	29.226	ng	99
83) Chrysene	21.542	228	3829602	50.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.395	149	2560419	49.988	ng	99
85) Di-n-octyl phthalate	22.642	149	4349244	48.174	ng	98
87) Indeno(1,2,3-cd)pyrene	28.495	276	5767150	52.866	ng	# 93
88) Benzo(b)fluoranthene	23.736	252	4148844	48.485	ng	99
89) Benzo(k)fluoranthene	23.801	252	4220478	48.455	ng	99
90) Benzo(a)pyrene	24.613	252	4140315	49.546	ng	99
91) Dibenzo(a,h)anthracene	28.553	278	4724503	53.206	ng	99
92) Benzo(g,h,i)perylene	29.642	276	4691921	53.255	ng	100

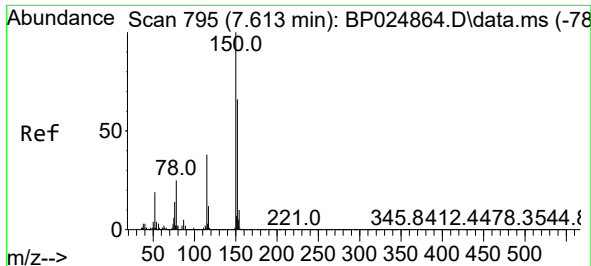
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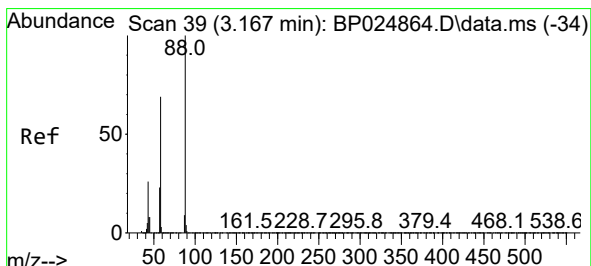
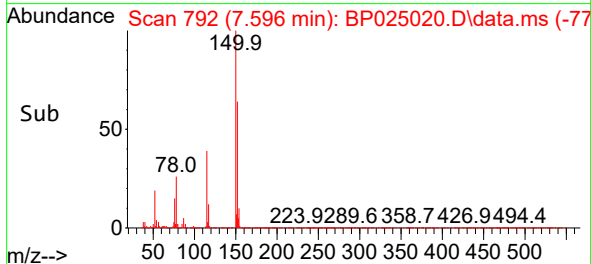
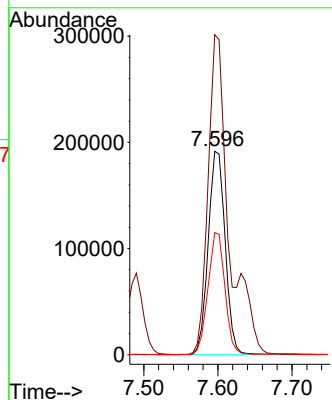
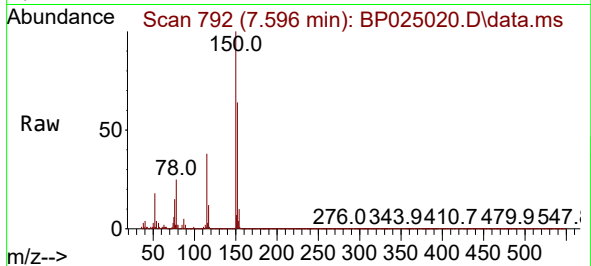




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.596 min Scan# 795
 Delta R.T. -0.017 min
 Lab File: BP025020.D
 Acq: 20 Jun 2025 16:21

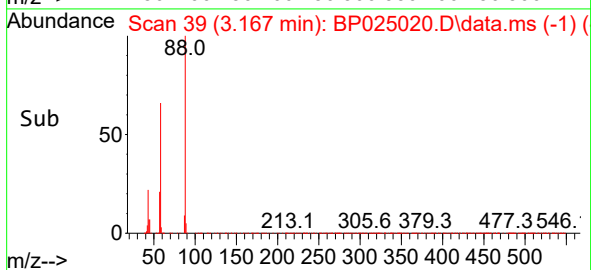
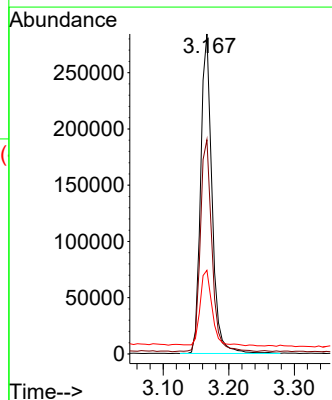
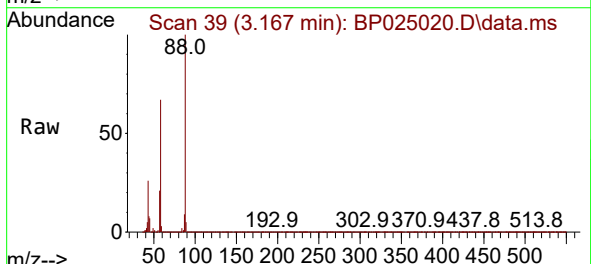
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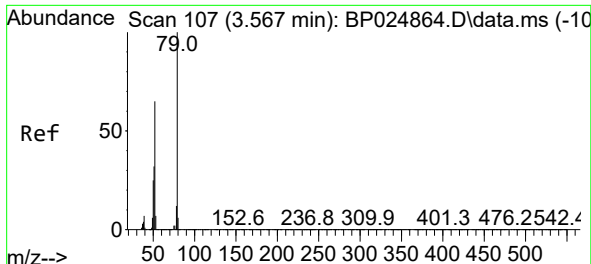
Tgt Ion:152 Resp: 305958
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.1 183.1
 115 60.1 46.4 69.6



#2
 1,4-Dioxane
 Concen: 42.450 ng
 RT: 3.167 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: BP025020.D
 Acq: 20 Jun 2025 16:21

Tgt Ion: 88 Resp: 342366
 Ion Ratio Lower Upper
 88 100
 58 68.0 55.4 83.0
 43 24.9 20.8 31.2

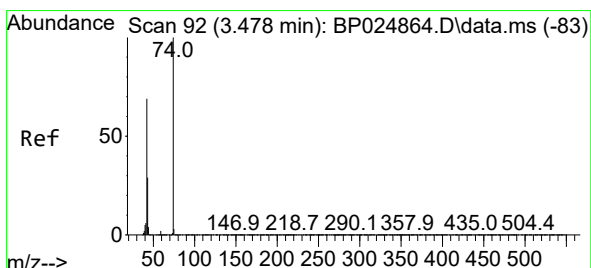
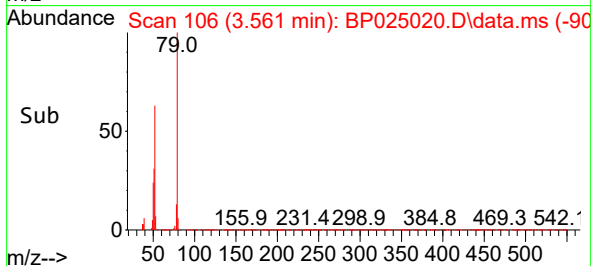
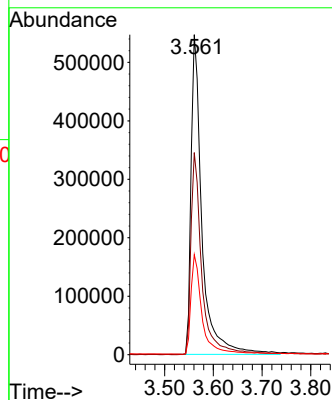
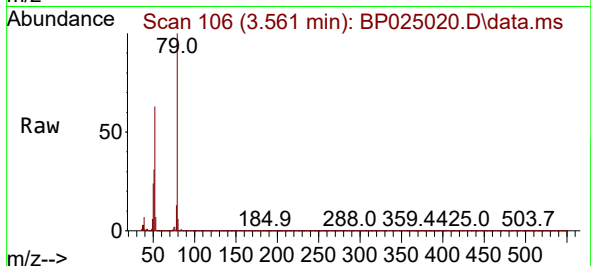




#3
Pyridine
Concen: 44.083 ng
RT: 3.561 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

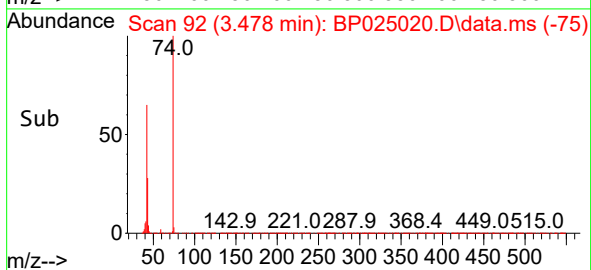
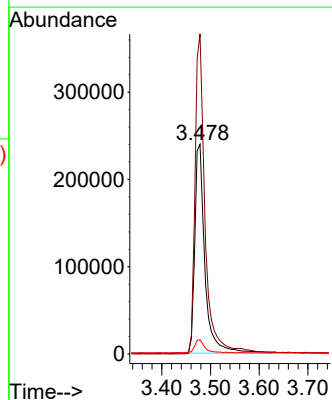
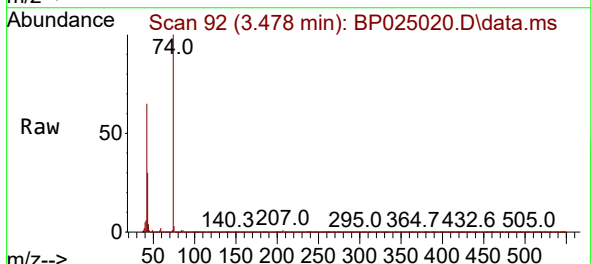
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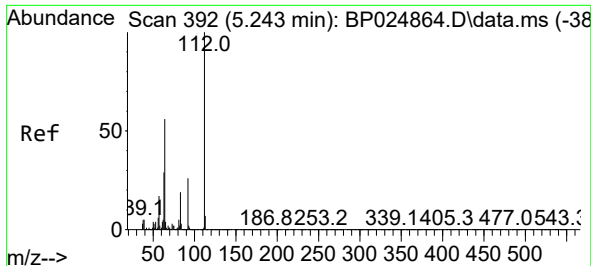
Tgt Ion: 79 Resp: 855044
Ion Ratio Lower Upper
79 100
52 63.2 51.6 77.4
51 31.3 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 43.815 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 42 Resp: 347434
Ion Ratio Lower Upper
42 100
74 152.7 116.6 174.8
44 6.7 5.4 8.0

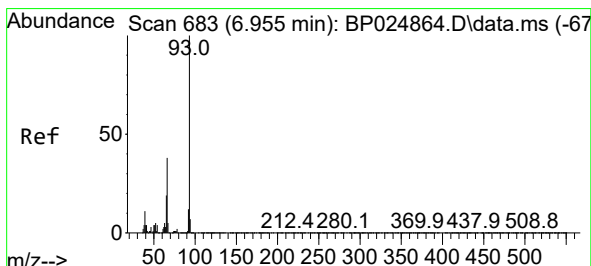
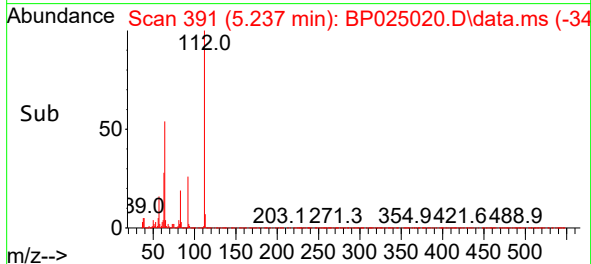
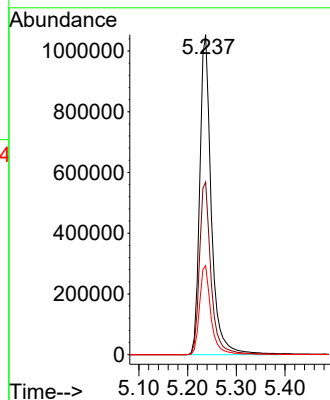
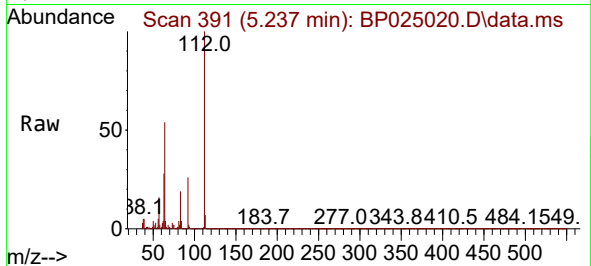




#5
2-Fluorophenol
Concen: 95.218 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

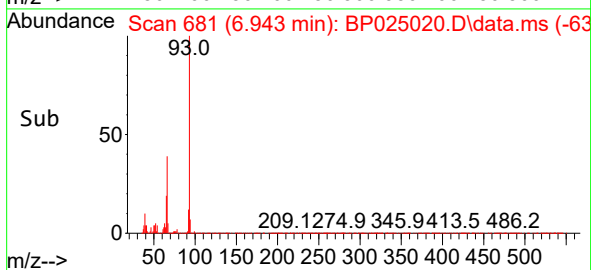
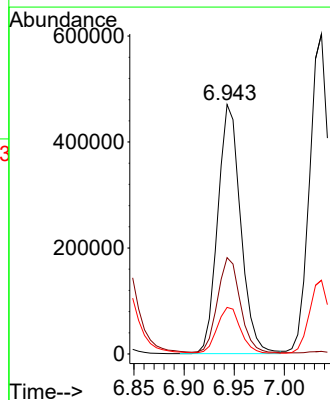
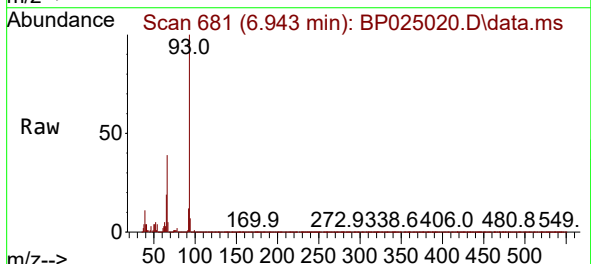
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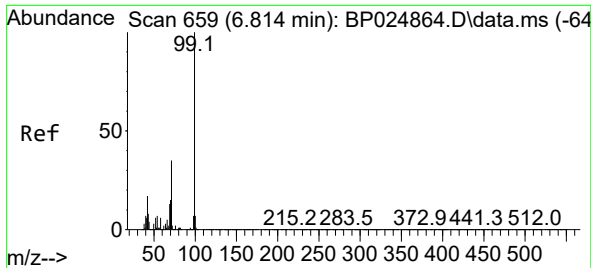
Tgt Ion:112 Resp: 1745311
Ion Ratio Lower Upper
112 100
64 54.0 44.7 67.1
63 27.8 23.5 35.3



#6
Aniline
Concen: 24.105 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 93 Resp: 746033
Ion Ratio Lower Upper
93 100
66 38.6 30.9 46.3
65 18.7 15.5 23.3

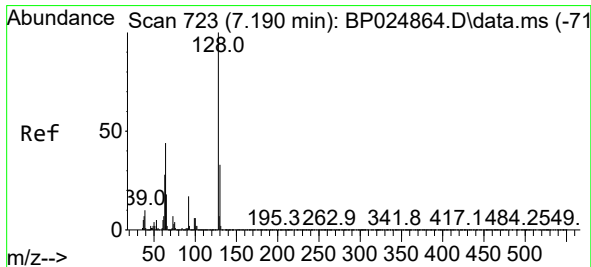
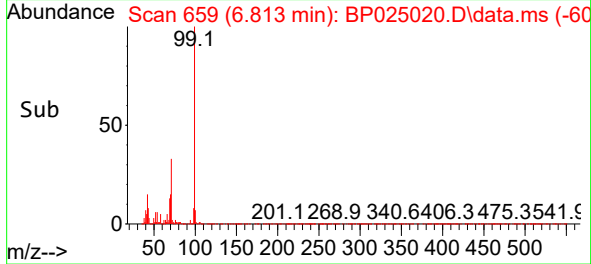
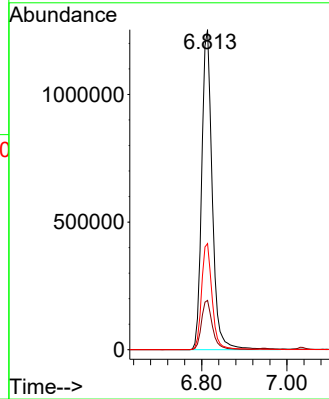
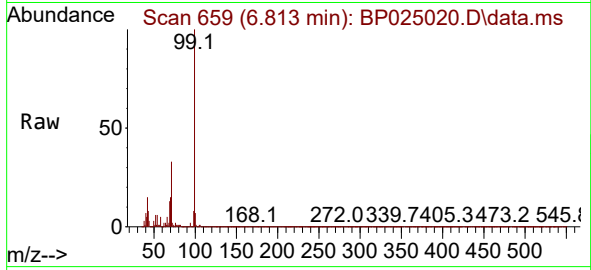




#7
Phenol-d6
Concen: 88.577 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025020.D
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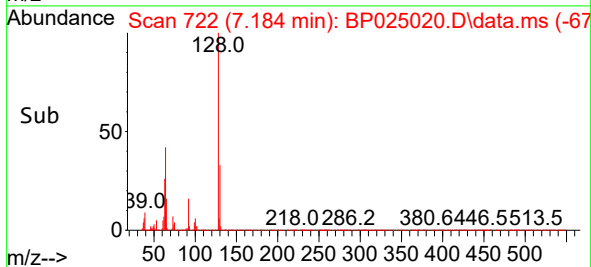
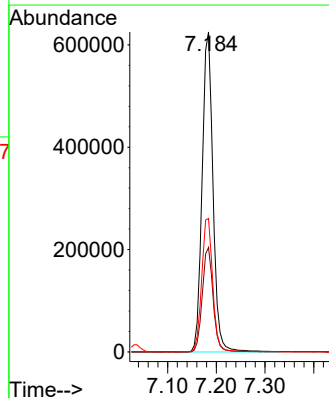
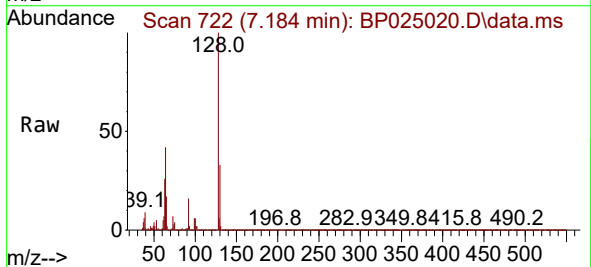
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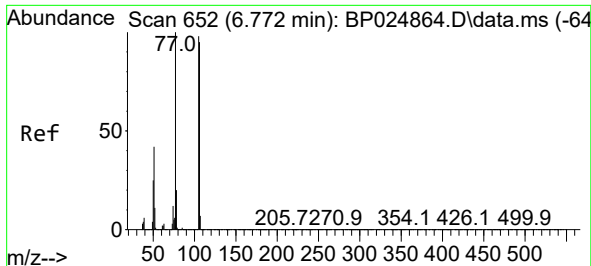
Tgt Ion: 99 Resp: 2148171
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.2
71 33.2 27.6 41.4



#8
2-Chlorophenol
Concen: 46.730 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 128 Resp: 971014
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 41.7 24.1 64.1

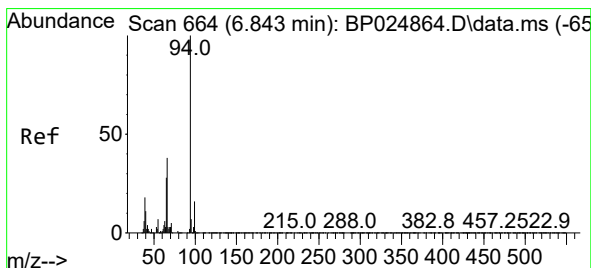
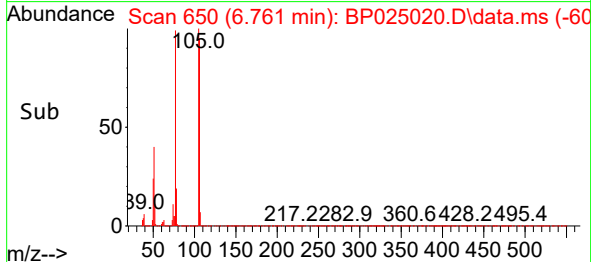
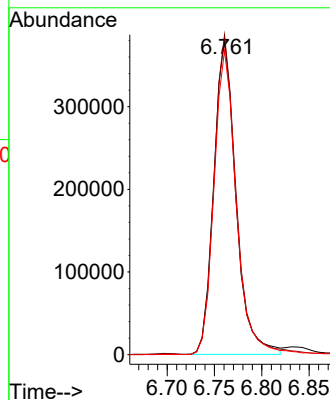
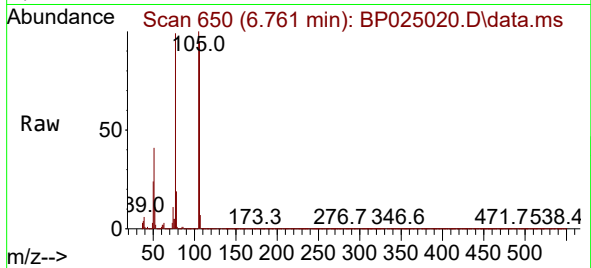




#9
Benzaldehyde
Concen: 44.352 ng
RT: 6.761 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025020.D
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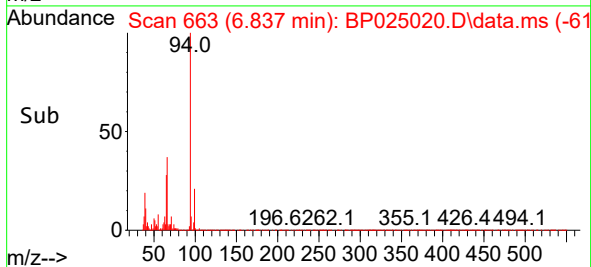
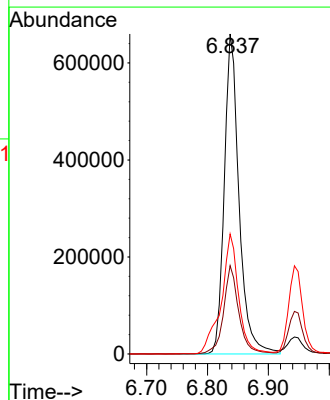
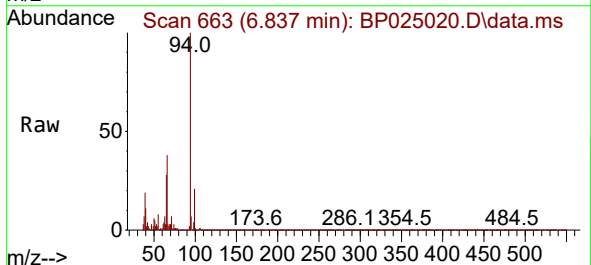
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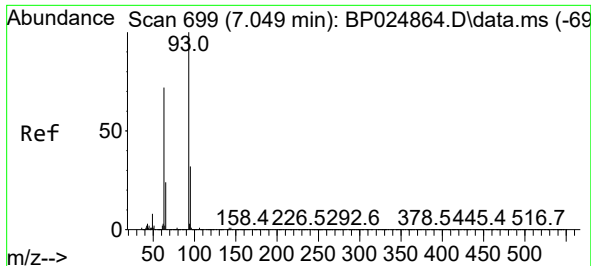
Tgt Ion: 77 Resp: 619978
Ion Ratio Lower Upper
77 100
105 101.2 77.7 117.7
106 96.2 74.8 114.8



#10
Phenol
Concen: 44.407 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP025020.D
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Tgt Ion: 94 Resp: 1110227
Ion Ratio Lower Upper
94 100
65 27.6 8.3 48.3
66 37.5 18.2 58.2

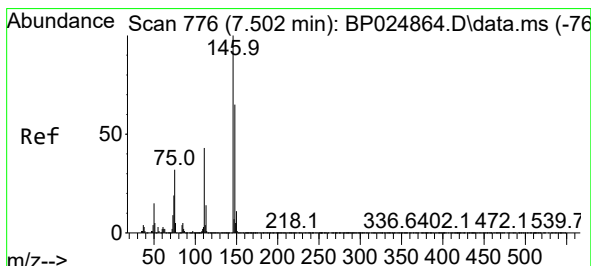
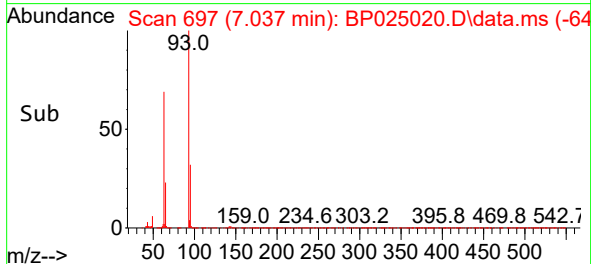
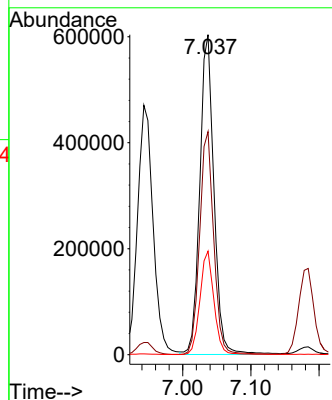
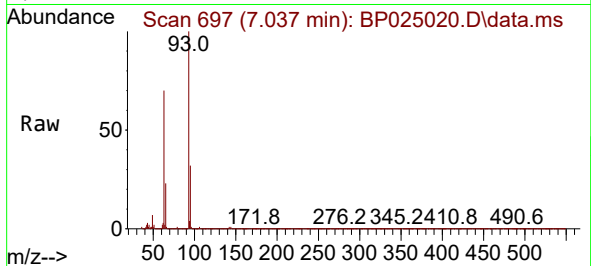




#11
bis(2-Chloroethyl)ether
Concen: 44.273 ng
RT: 7.037 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

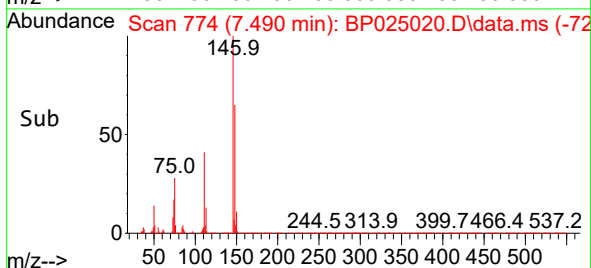
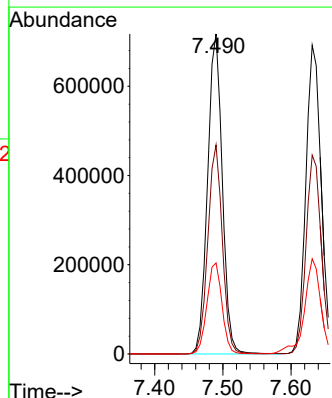
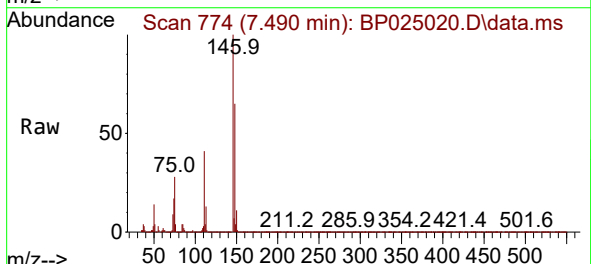
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

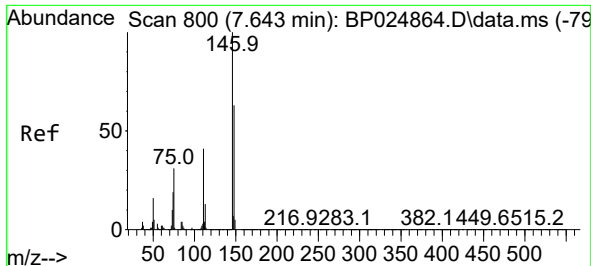
Tgt Ion: 93 Resp: 870588
Ion Ratio Lower Upper
93 100
63 69.7 51.6 91.6
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 46.507 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:146 Resp: 1078049
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 28.5 25.3 37.9

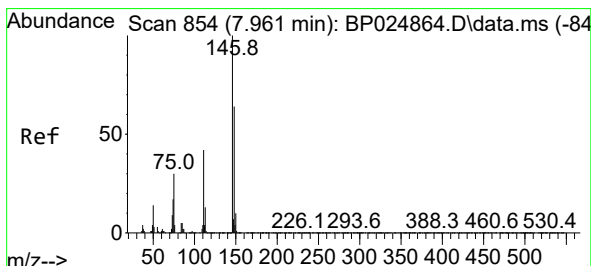
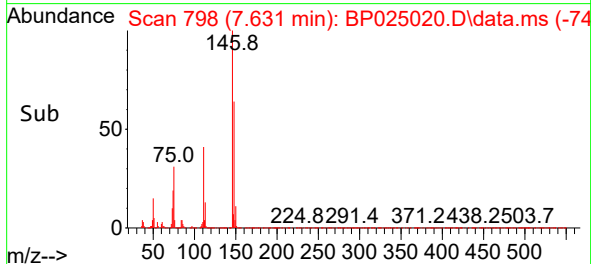
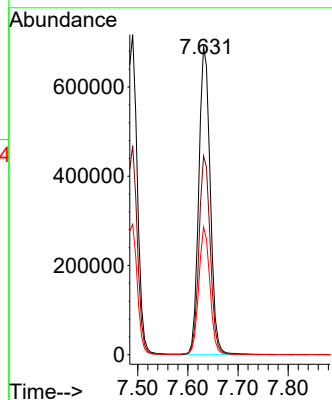
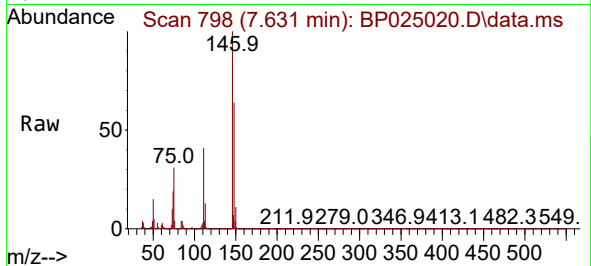




#13
1,4-Dichlorobenzene
Concen: 46.611 ng
RT: 7.631 min Scan# 79
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

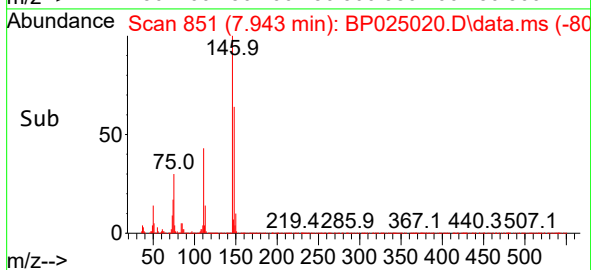
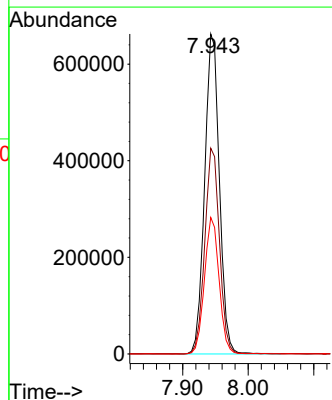
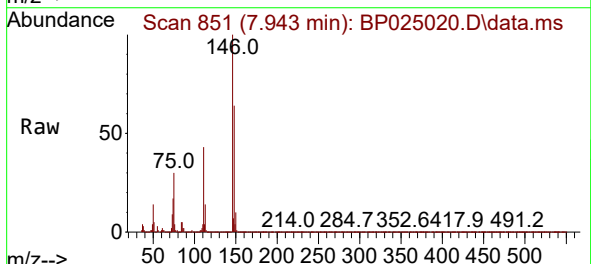
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

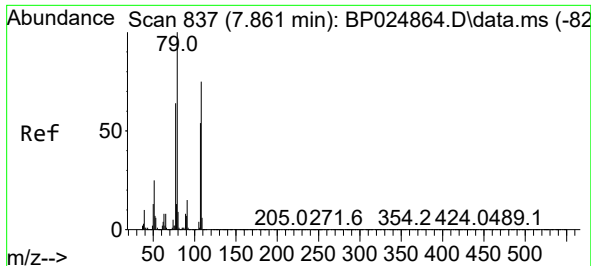
Tgt Ion:146 Resp: 1090185
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 41.3 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 45.206 ng
RT: 7.943 min Scan# 851
Delta R.T. -0.018 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:146 Resp: 1038259
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 42.7 33.8 50.8

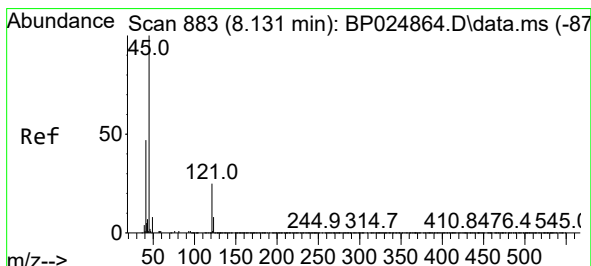
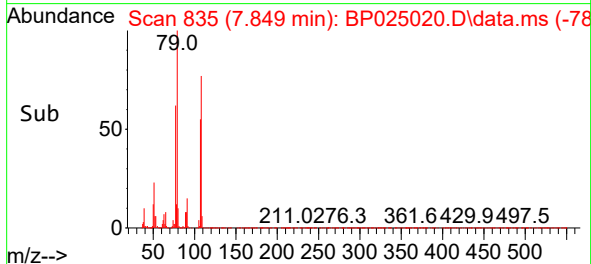
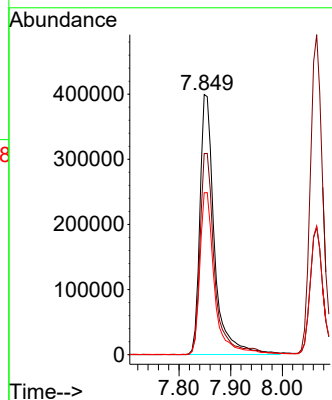
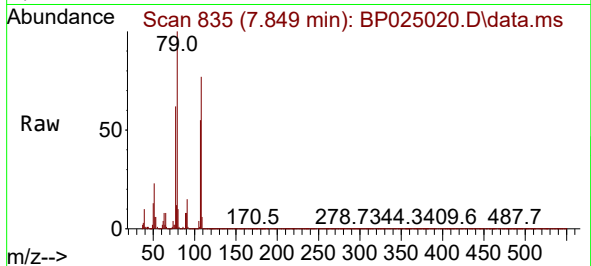




#15
Benzyl Alcohol
Concen: 41.815 ng
RT: 7.849 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

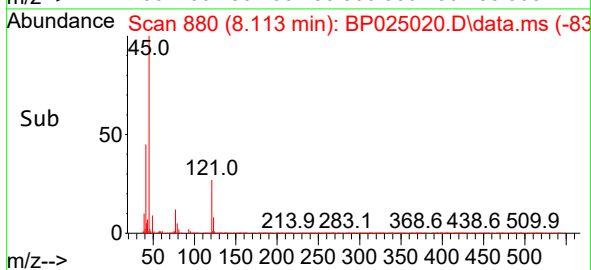
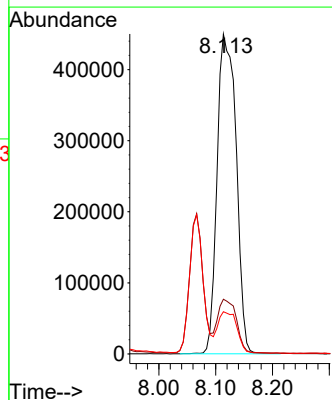
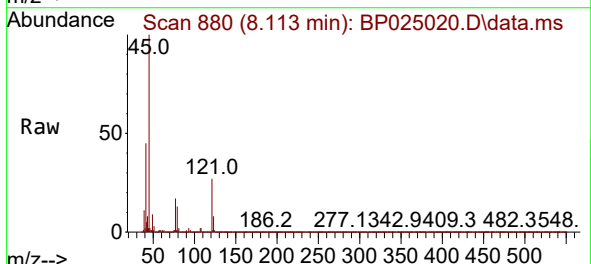
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

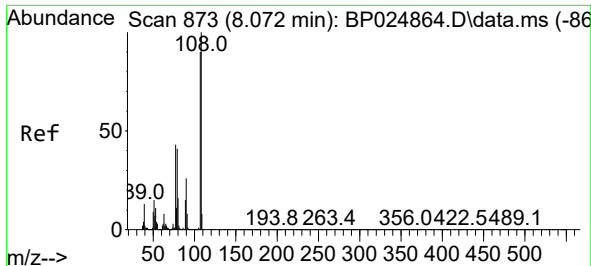
Tgt Ion: 79 Resp: 778291
Ion Ratio Lower Upper
79 100
108 77.3 60.2 90.4
77 62.2 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.754 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.018 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 45 Resp: 1048902
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.3
79 13.2 0.0 32.2

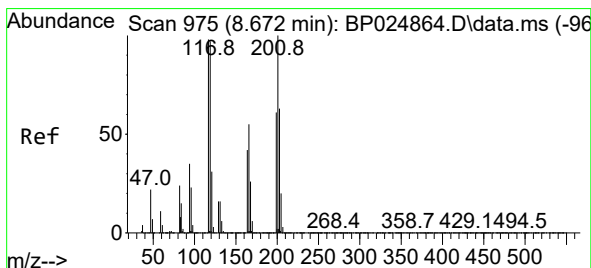
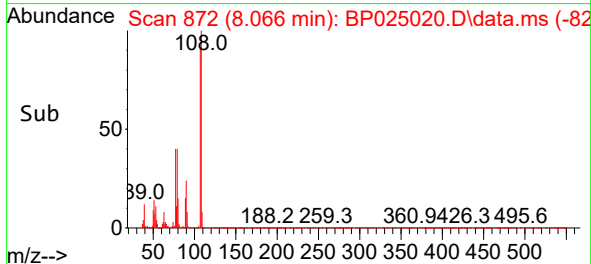
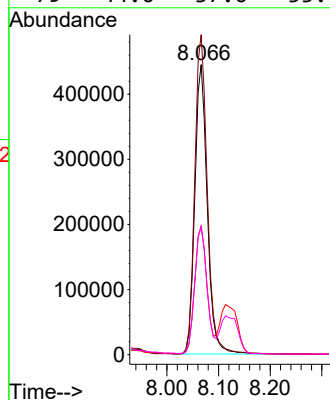
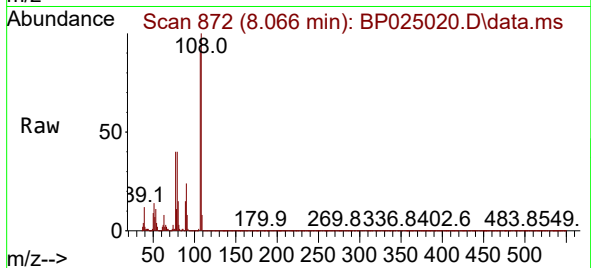




#17
2-Methylphenol
Concen: 42.610 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

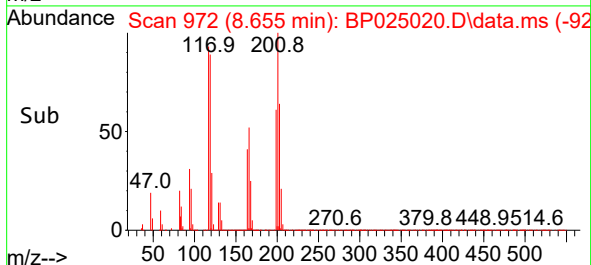
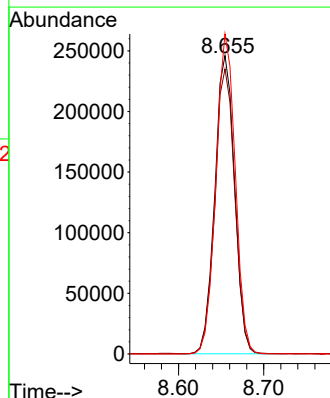
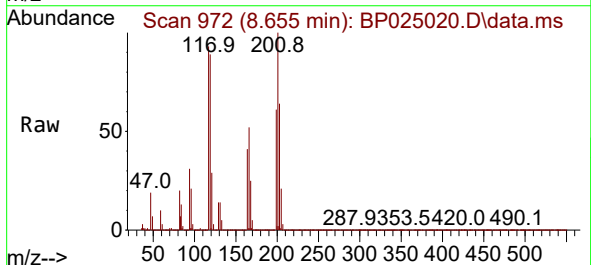
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

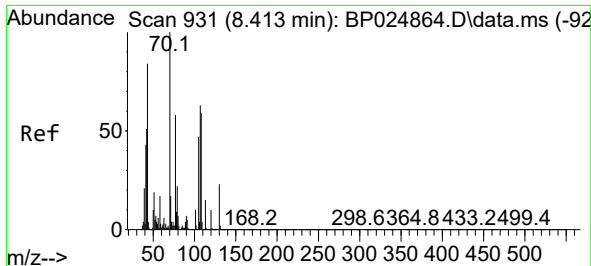
Tgt Ion:	107	Resp:	743909
Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.6	132.8
77	44.3	38.5	57.7
79	44.0	37.0	55.6



#18
Hexachloroethane
Concen: 45.073 ng
RT: 8.655 min Scan# 972
Delta R.T. -0.018 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:	117	Resp:	396899
Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.4	119.2
201	107.3	81.4	122.2

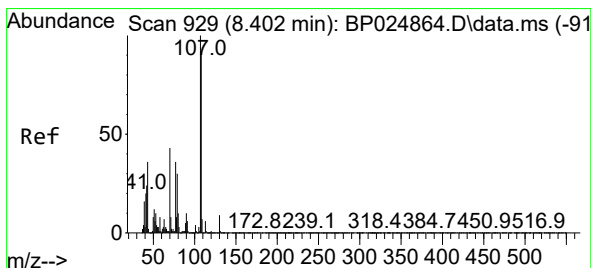
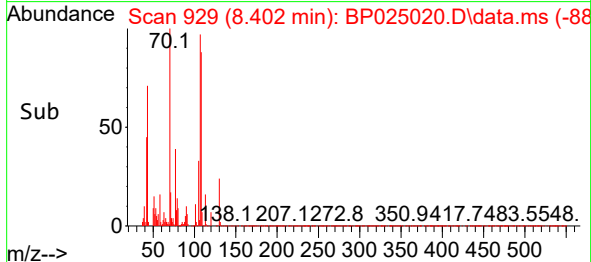
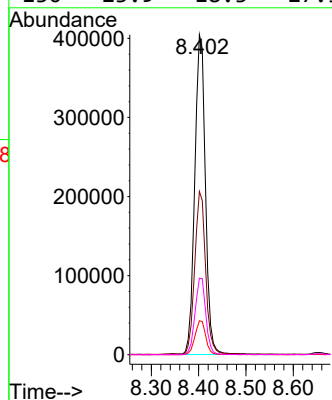
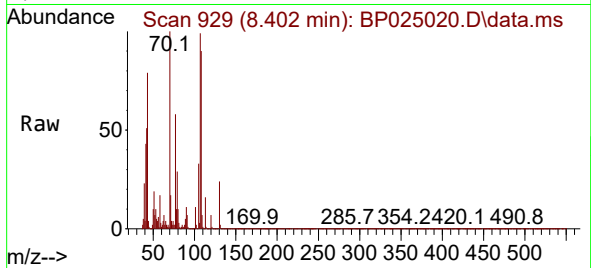




#19
n-Nitroso-di-n-propylamine
Concen: 38.310 ng
RT: 8.402 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

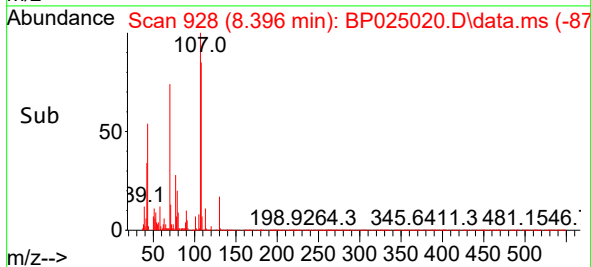
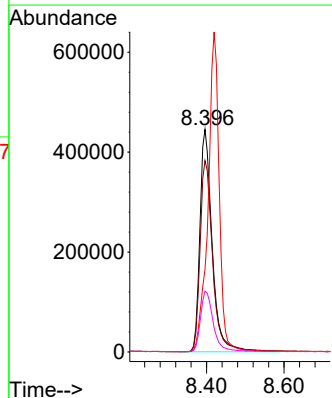
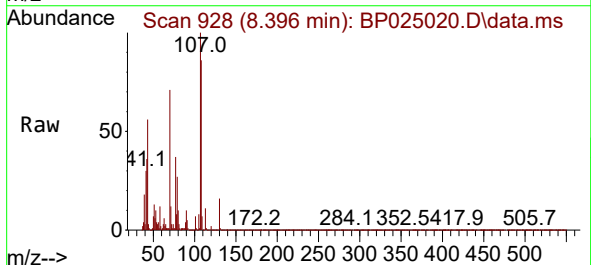
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

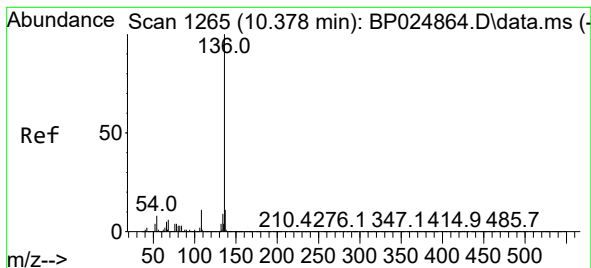
Tgt Ion: 70 Resp: 631615
Ion Ratio Lower Upper
70 100
42 51.0 41.2 61.8
101 10.6 8.3 12.5
130 23.9 18.3 27.5



#20
3+4-Methylphenols
Concen: 41.206 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 107 Resp: 981482
Ion Ratio Lower Upper
107 100
108 86.0 70.7 110.7
77 37.1 16.6 56.6
79 27.3 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.372 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

Tgt Ion:136 Resp: 1080986

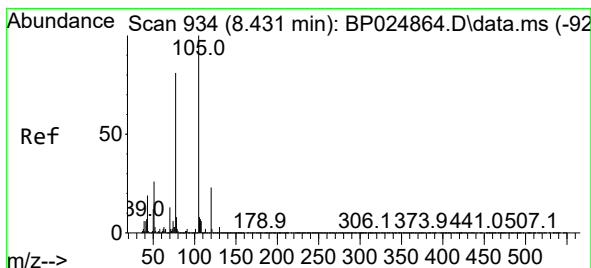
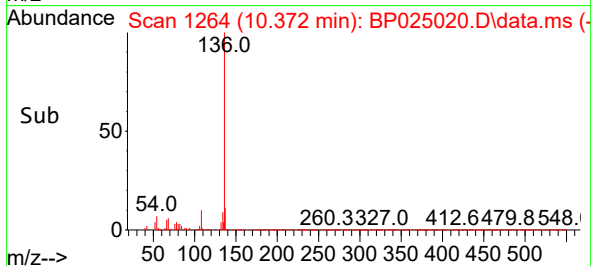
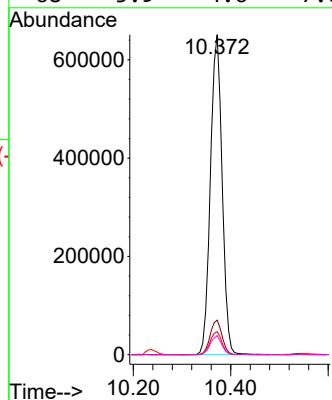
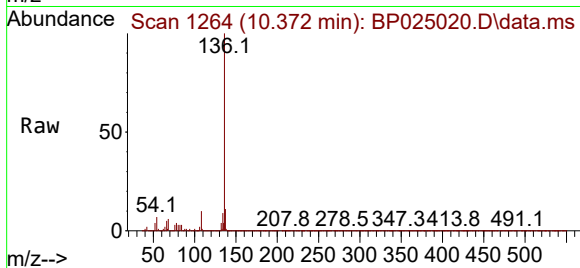
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.1 9.1

68 5.9 4.6 7.0



#22

Acetophenone

Concen: 48.010 ng

RT: 8.419 min Scan# 932

Delta R.T. -0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Tgt Ion:105 Resp: 1311220

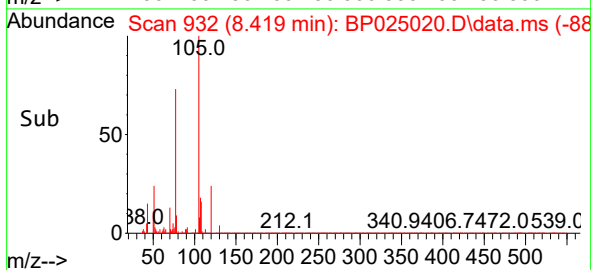
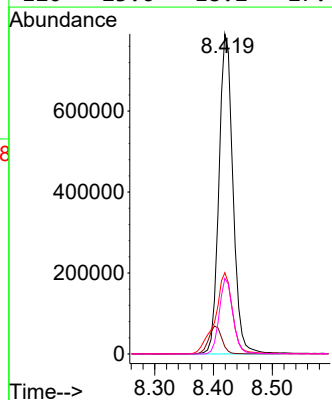
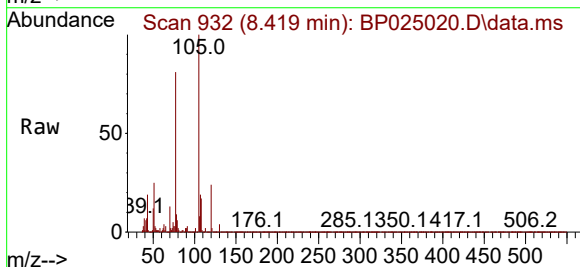
Ion Ratio Lower Upper

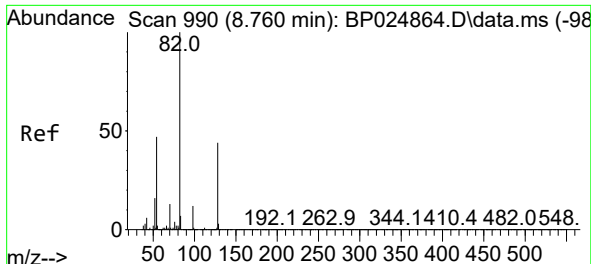
105 100

71 2.3 1.6 2.4

51 25.4 20.6 31.0

120 23.6 18.2 27.4





#23

Nitrobenzene-d5

Concen: 57.397 ng

RT: 8.755 min Scan# 990

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

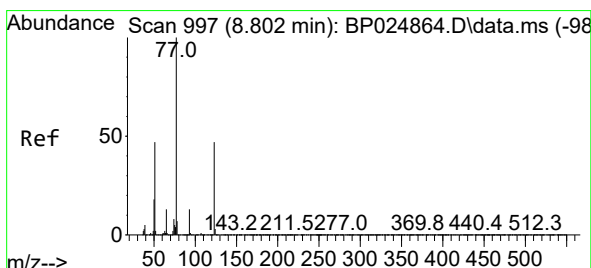
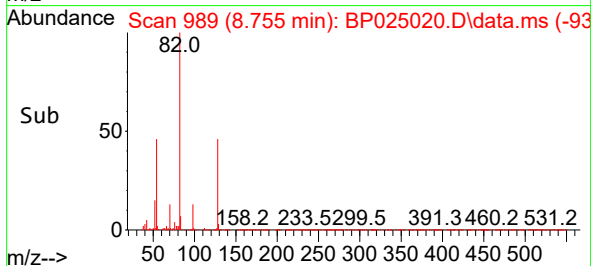
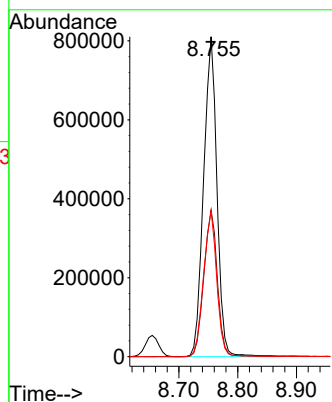
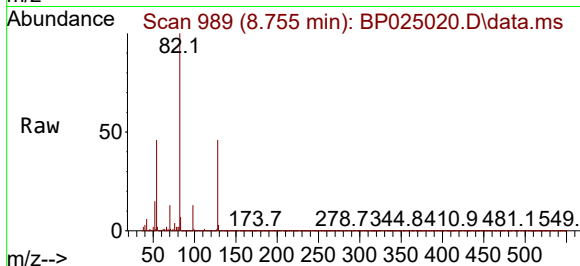
Tgt Ion: 82 Resp: 1276835

Ion Ratio Lower Upper

82 100

128 45.7 35.3 52.9

54 45.6 37.4 56.0



#24

Nitrobenzene

Concen: 47.898 ng

RT: 8.796 min Scan# 996

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

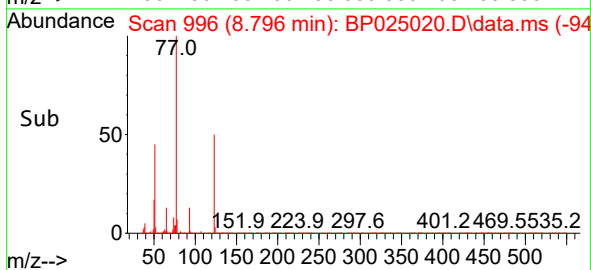
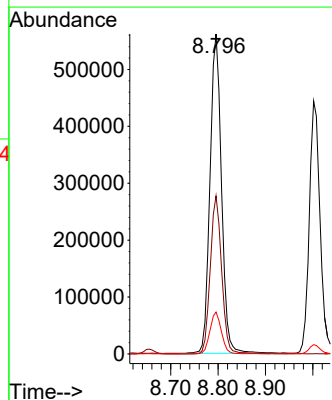
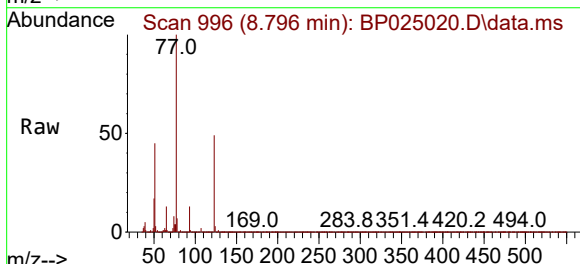
Tgt Ion: 77 Resp: 946600

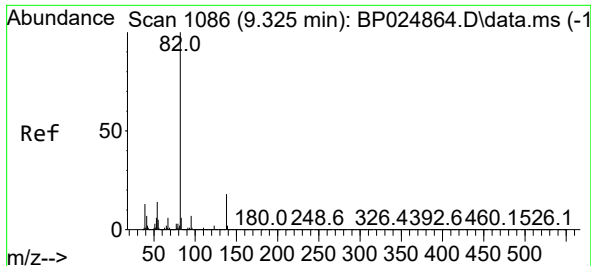
Ion Ratio Lower Upper

77 100

123 49.4 37.3 55.9

65 13.1 10.8 16.2

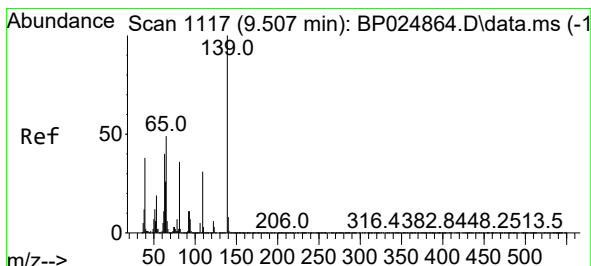
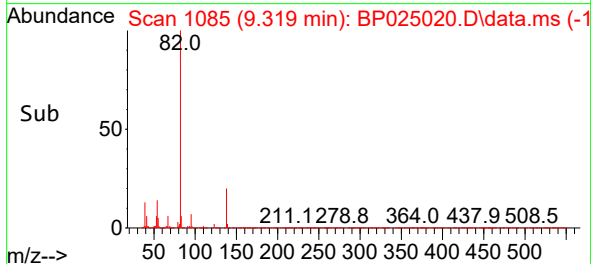
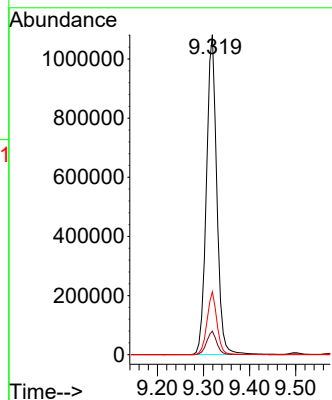
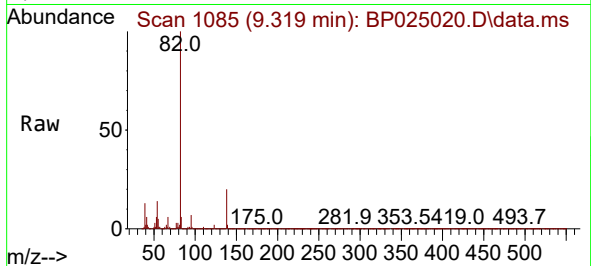




#25
Isophorone
Concen: 44.220 ng
RT: 9.319 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

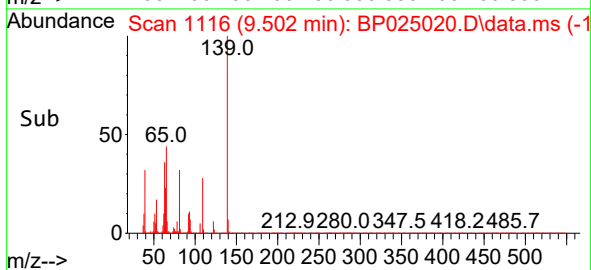
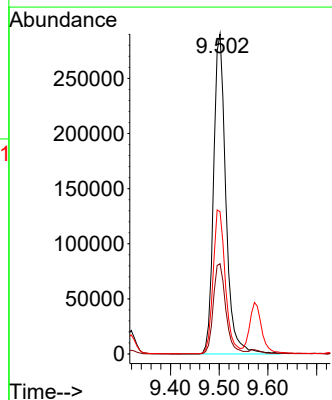
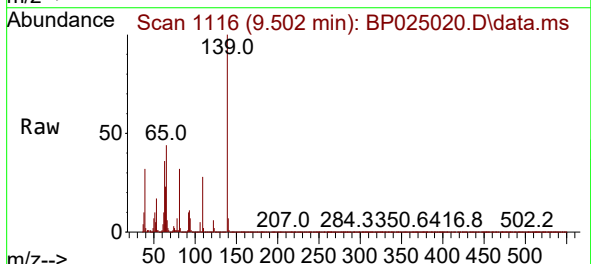
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

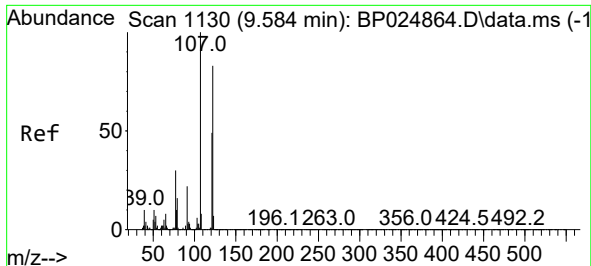
Tgt Ion: 82 Resp: 1704858
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.6 14.6 21.8



#26
2-Nitrophenol
Concen: 52.018 ng
RT: 9.502 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:139 Resp: 507231
Ion Ratio Lower Upper
139 100
109 28.2 24.6 37.0
65 44.4 39.5 59.3

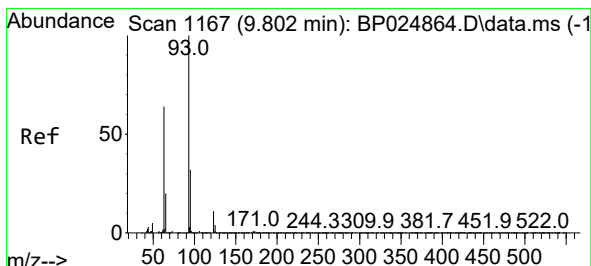
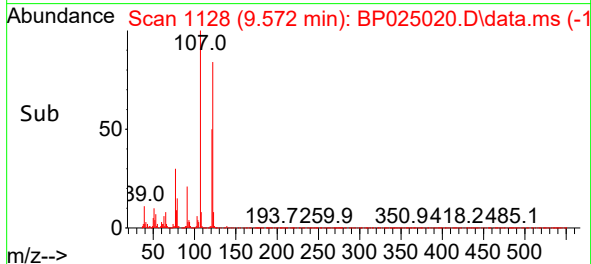
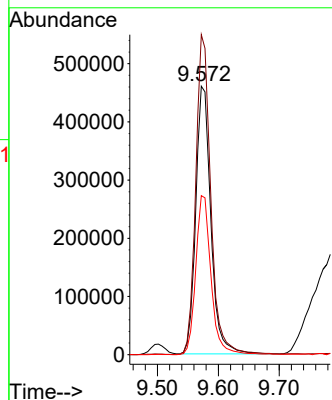
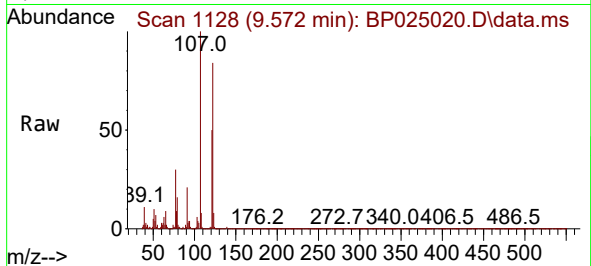




#27
2,4-Dimethylphenol
Concen: 47.464 ng
RT: 9.572 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

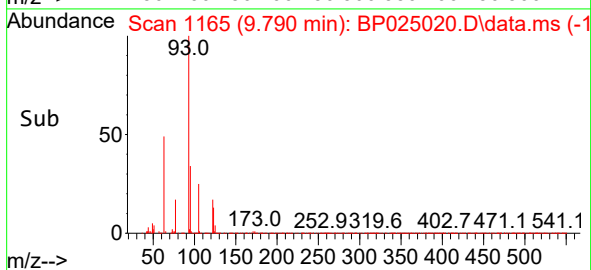
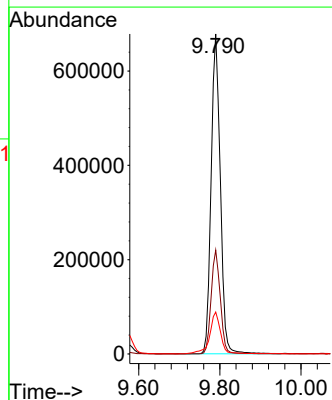
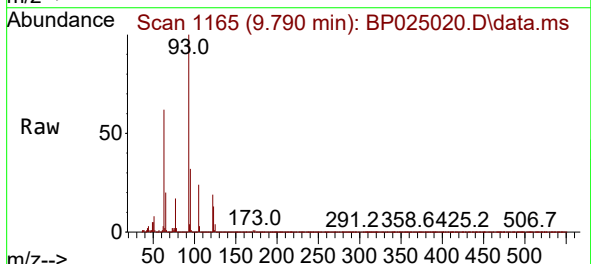
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

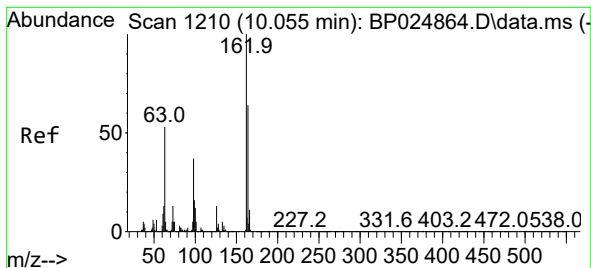
Tgt Ion:122 Resp: 792099
Ion Ratio Lower Upper
122 100
107 119.2 96.2 144.4
121 59.3 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.155 ng
RT: 9.790 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 93 Resp: 1061468
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 13.1 9.2 13.8

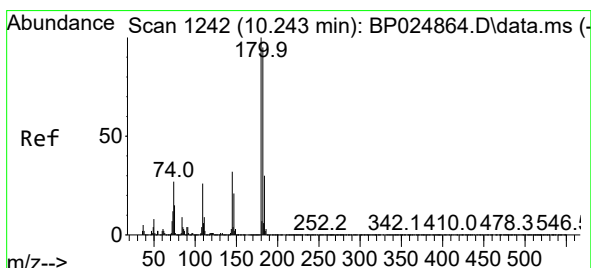
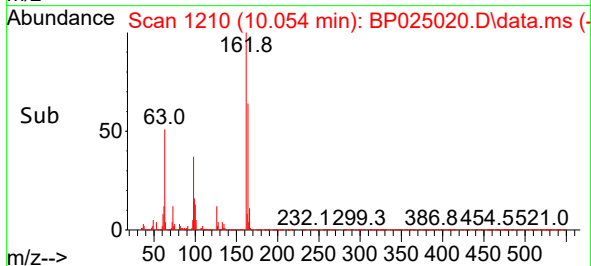
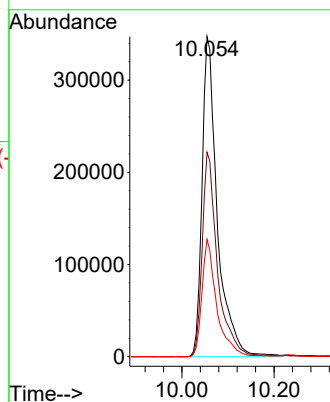
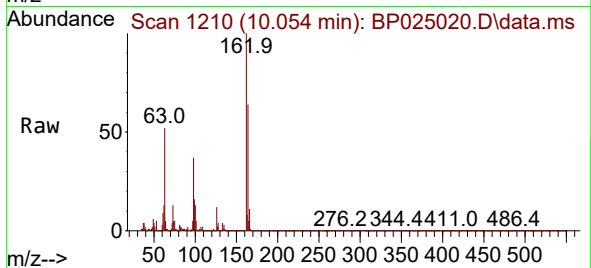




#29
2,4-Dichlorophenol
Concen: 50.078 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

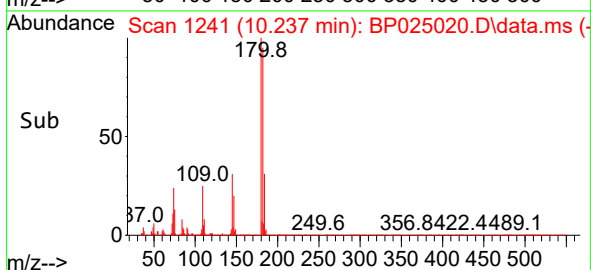
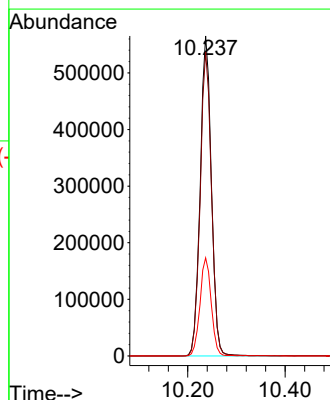
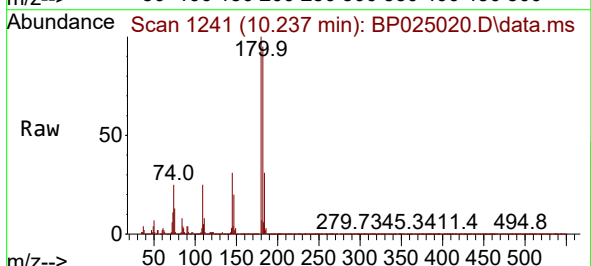
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

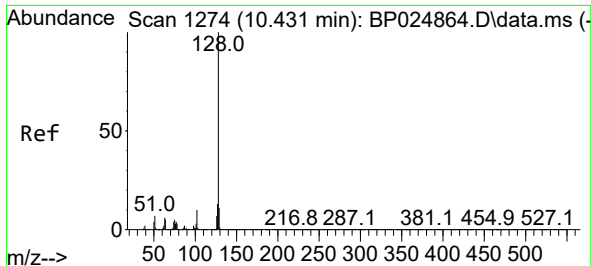
Tgt Ion:162 Resp: 801873
Ion Ratio Lower Upper
162 100
164 63.9 44.0 84.0
98 36.6 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 50.074 ng
RT: 10.237 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:180 Resp: 904367
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 30.7 25.7 38.5

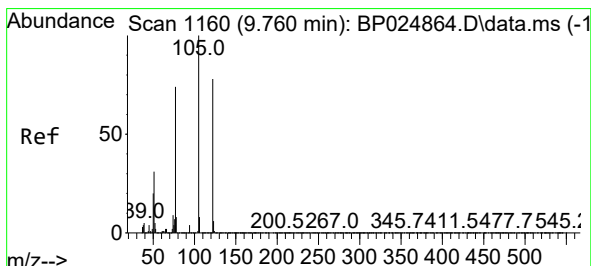
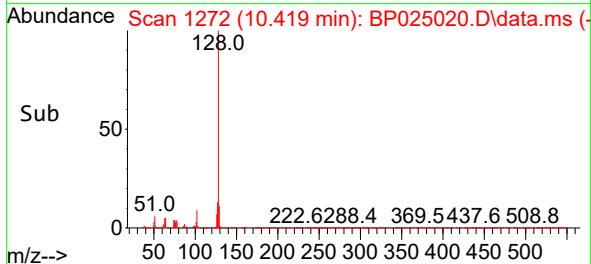
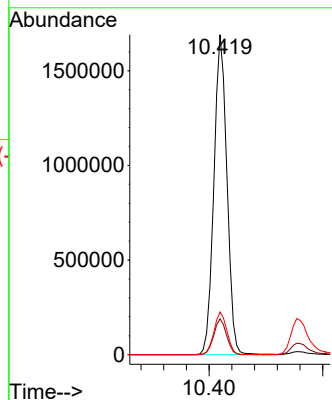
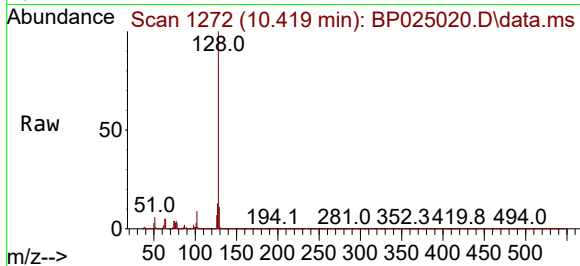




#31
Naphthalene
Concen: 48.390 ng
RT: 10.419 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

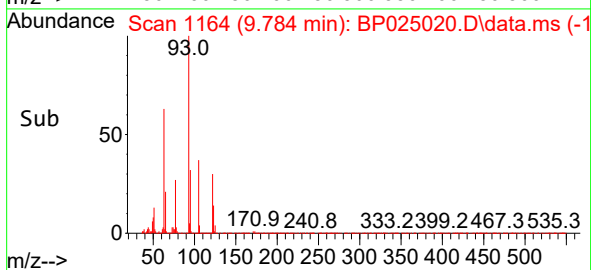
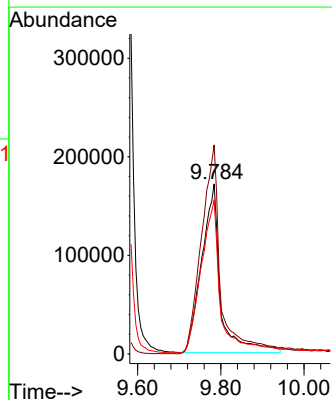
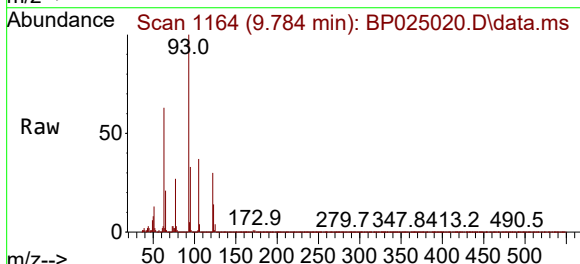
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

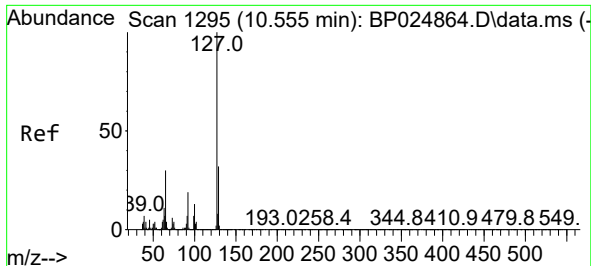
Tgt Ion:128 Resp: 2680612
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 48.030 ng
RT: 9.784 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:122 Resp: 541650
Ion Ratio Lower Upper
122 100
105 122.9 107.1 147.1
77 90.3 75.1 115.1

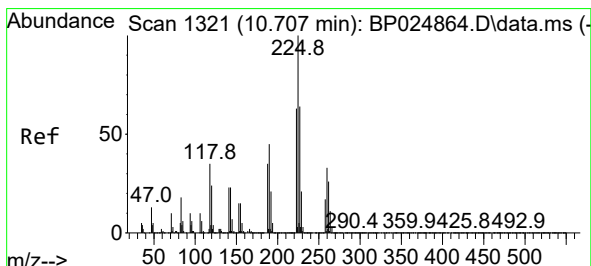
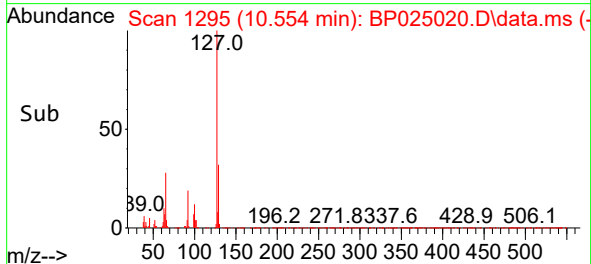
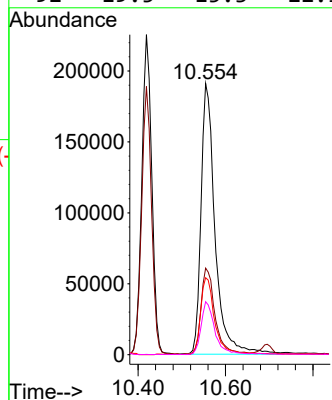
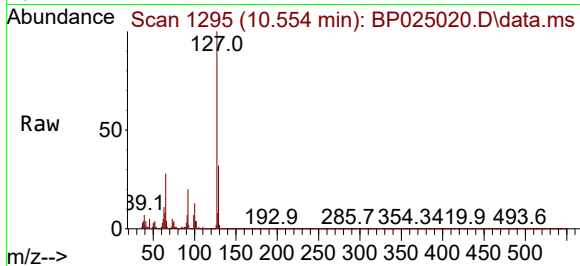




#33
4-Chloroaniline
Concen: 18.448 ng
RT: 10.554 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

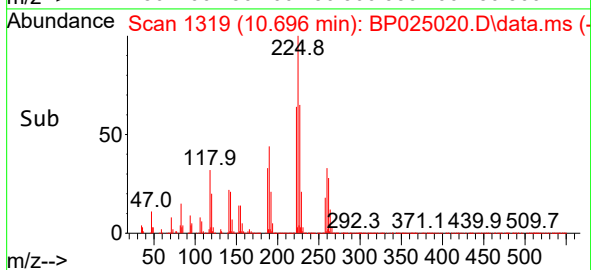
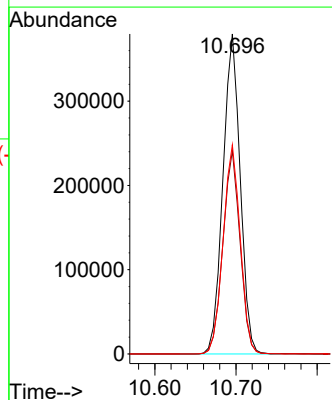
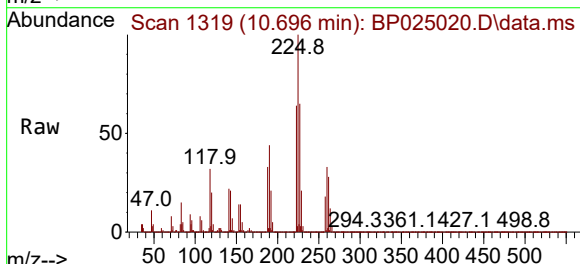
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

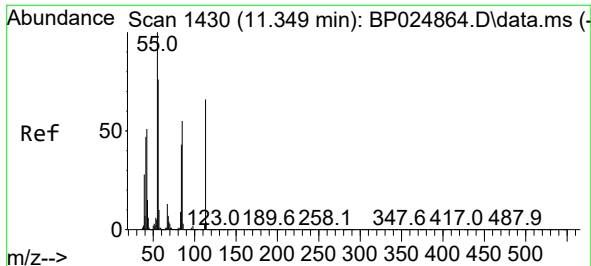
Tgt Ion:	127	Resp:	428158
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.4	23.9	35.9
92	19.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 51.607 ng
RT: 10.696 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:	225	Resp:	561755
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.5	75.7
227	65.3	51.4	77.2

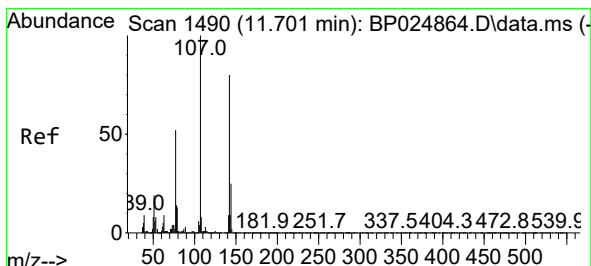
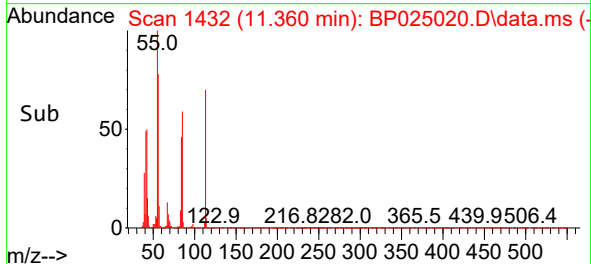
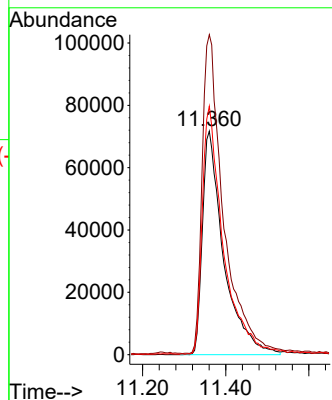
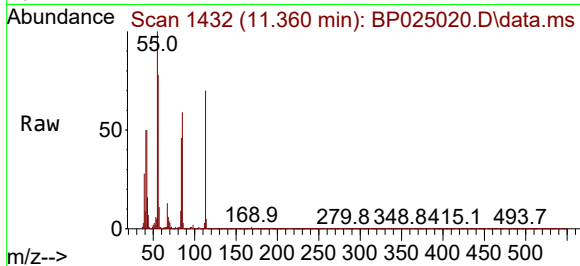




#35
 Caprolactam
 Concen: 43.185 ng
 RT: 11.360 min Scan# 1430
 Delta R.T. 0.012 min
 Lab File: BP025020.D
 Acq: 20 Jun 2025 16:21

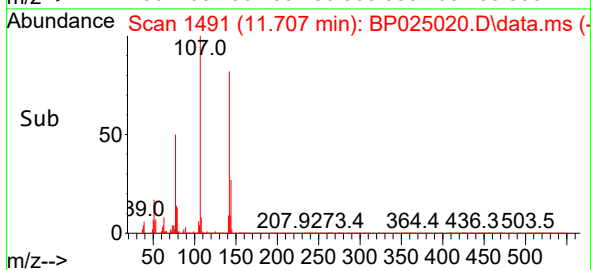
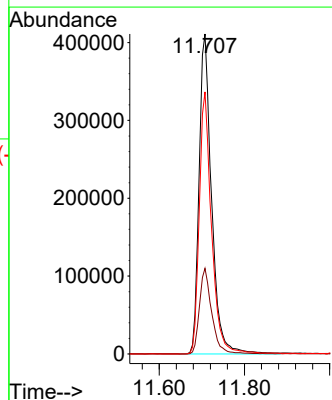
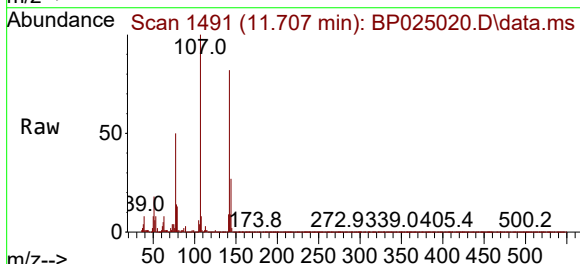
Instrument :
 BNA_P
 ClientSampleId :
 TP-11MSD

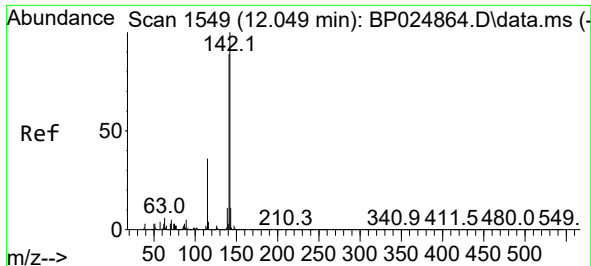
Tgt Ion:113 Resp: 254541
 Ion Ratio Lower Upper
 113 100
 55 143.2 132.5 172.5
 56 111.2 96.0 136.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.236 ng
 RT: 11.707 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: BP025020.D
 Acq: 20 Jun 2025 16:21

Tgt Ion:107 Resp: 835476
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.4 30.6
 142 81.9 63.8 95.6

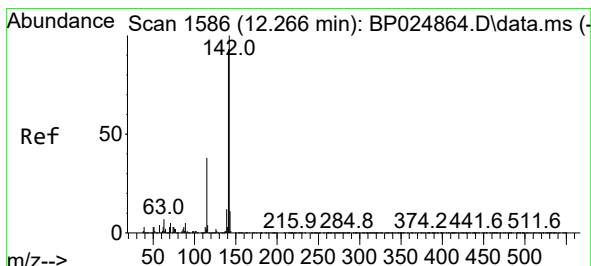
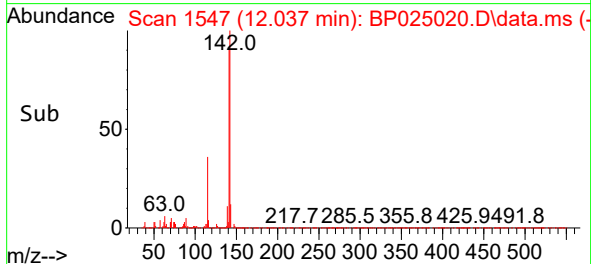
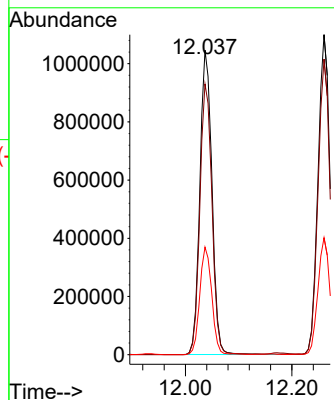
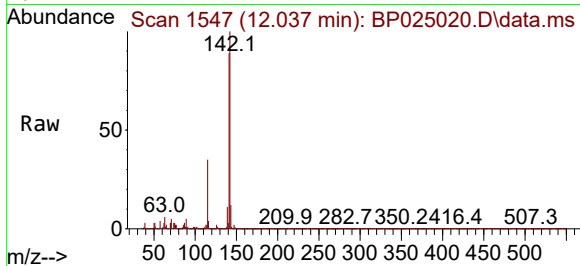




#37
2-Methylnaphthalene
Concen: 46.857 ng
RT: 12.037 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

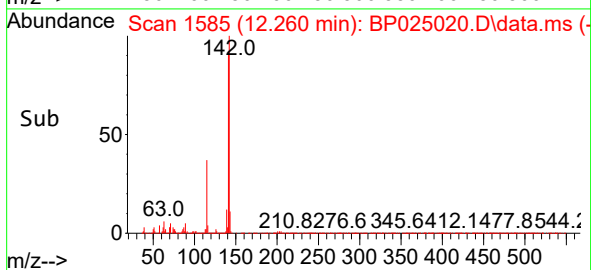
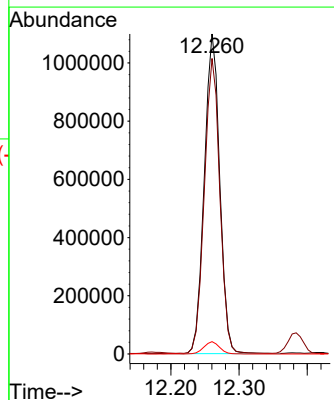
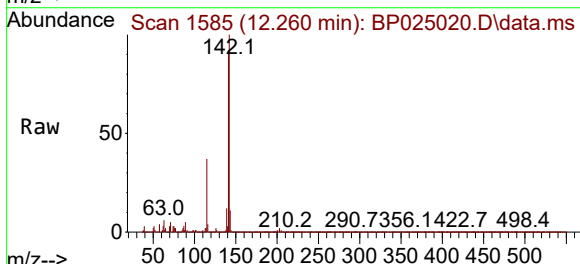
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

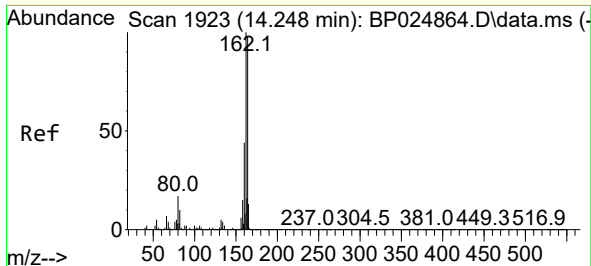
Tgt Ion:142 Resp: 1646538
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 35.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.048 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:142 Resp: 1729933
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1
116 3.9 3.4 5.0

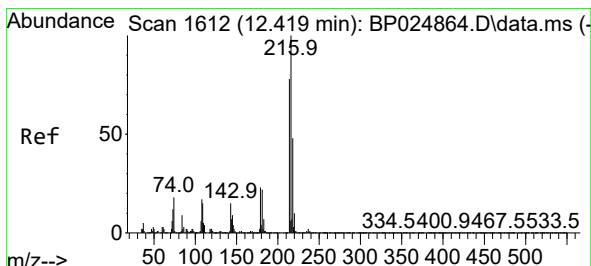
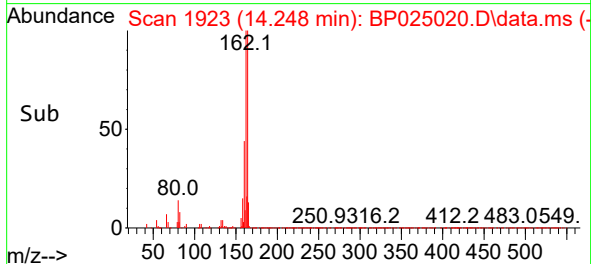
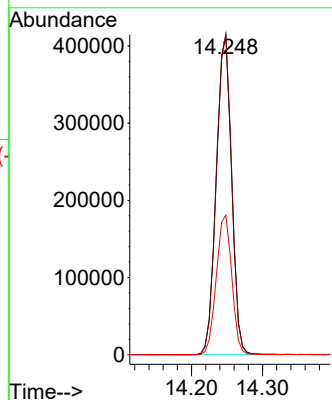
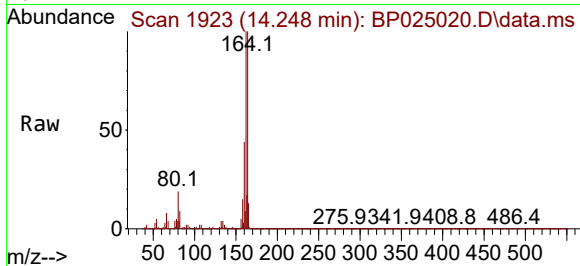




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

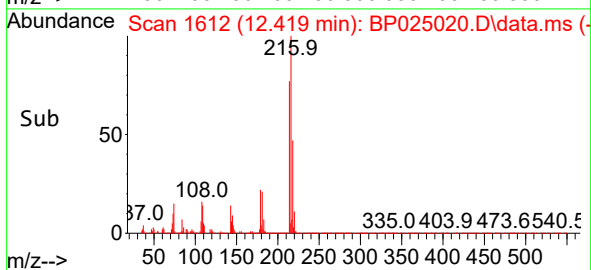
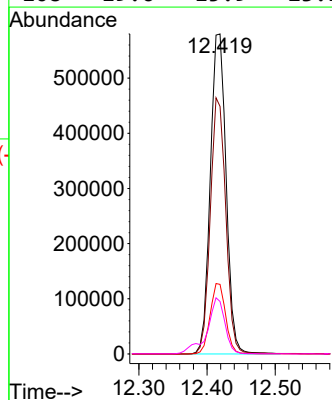
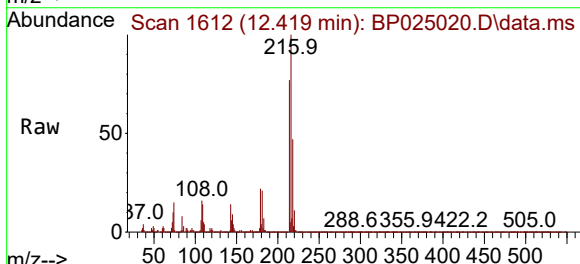
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

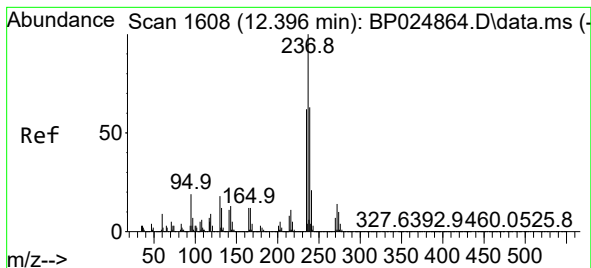
Tgt Ion:164 Resp: 615931
Ion Ratio Lower Upper
164 100
162 100.2 81.6 122.4
160 43.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.632 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:216 Resp: 937352
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.6 17.8 26.6
108 19.6 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 90.621 ng

RT: 12.384 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

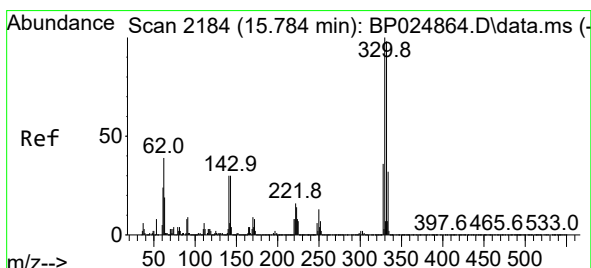
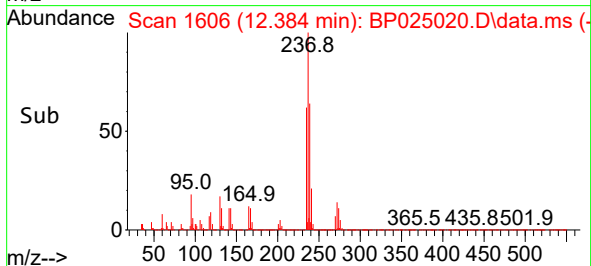
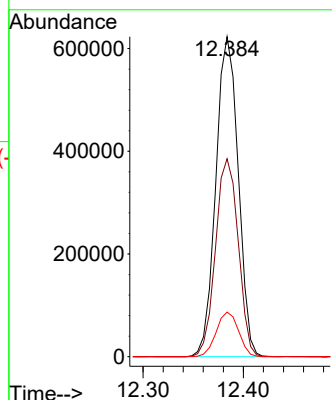
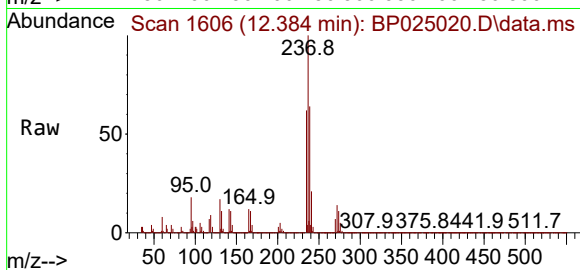
Tgt Ion:237 Resp: 966026

Ion Ratio Lower Upper

237 100

235 61.8 41.9 81.9

272 14.0 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 107.962 ng

RT: 15.778 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

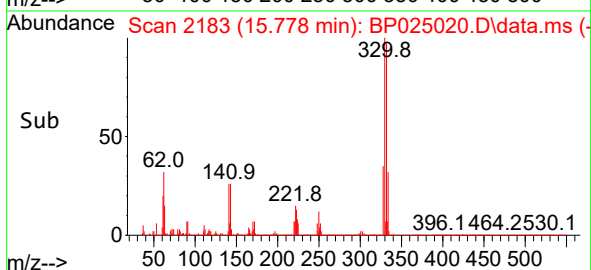
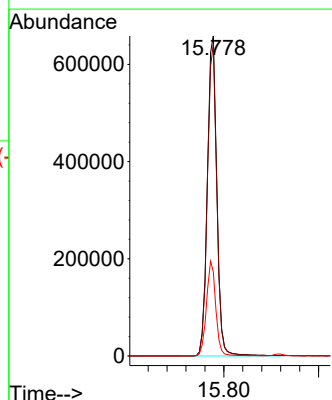
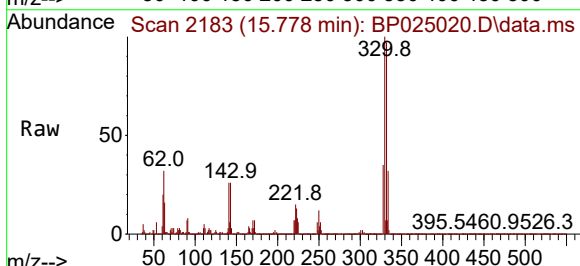
Tgt Ion:330 Resp: 919357

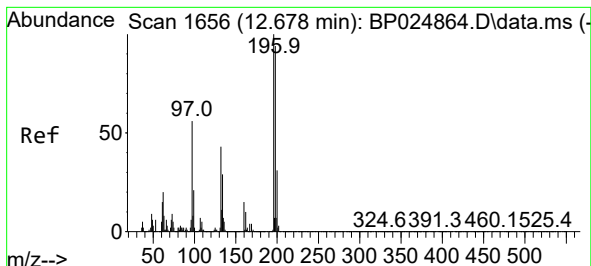
Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 29.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 52.434 ng

RT: 12.678 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

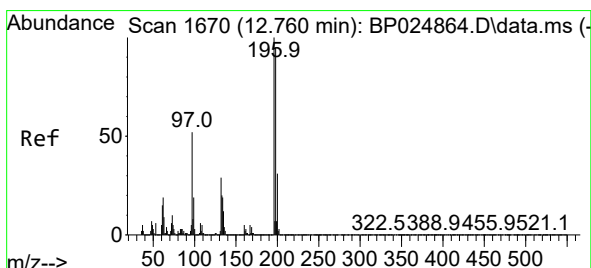
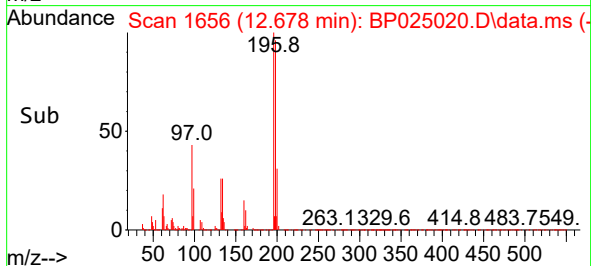
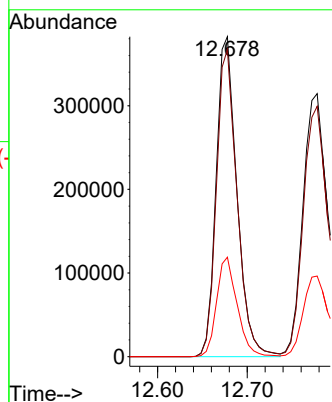
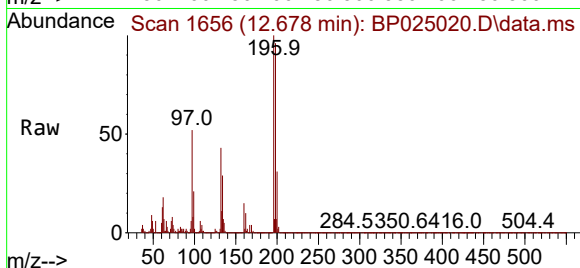
Tgt Ion:196 Resp: 615430

Ion Ratio Lower Upper

196 100

198 96.1 75.4 113.0

200 31.1 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 52.737 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Tgt Ion:196 Resp: 662890

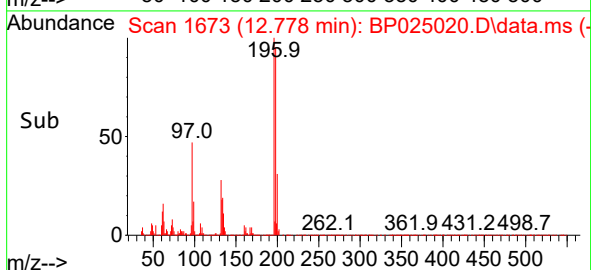
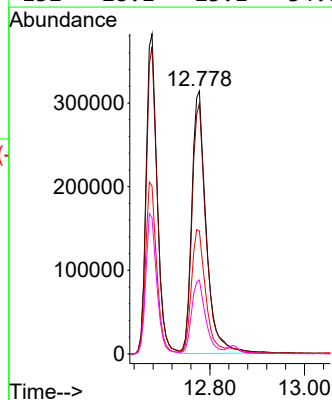
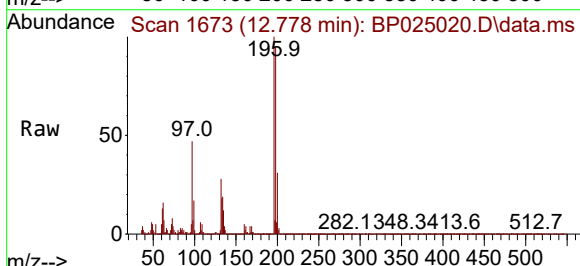
Ion Ratio Lower Upper

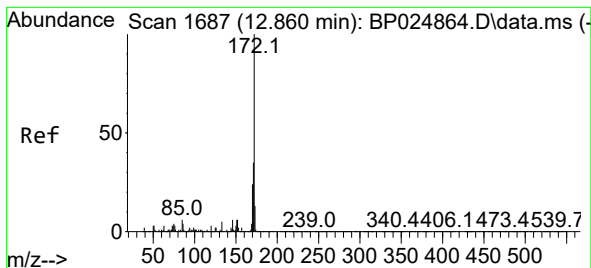
196 100

198 95.2 76.0 114.0

97 46.8 41.5 62.3

132 28.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 60.641 ng

RT: 12.848 min Scan# 1685

Delta R.T. -0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

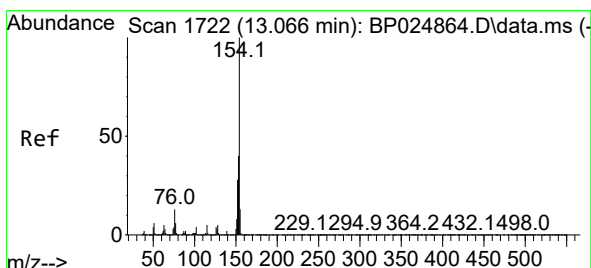
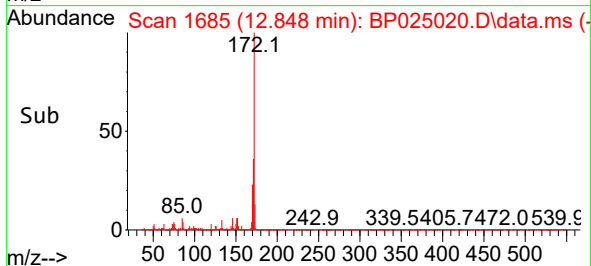
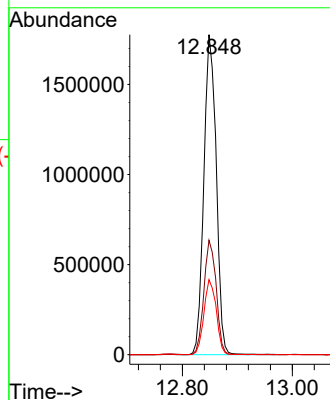
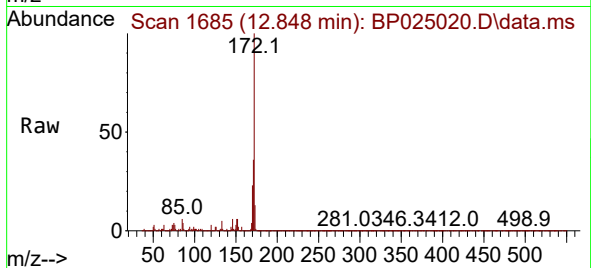
Tgt Ion:172 Resp: 2772639

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.062 ng

RT: 13.066 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

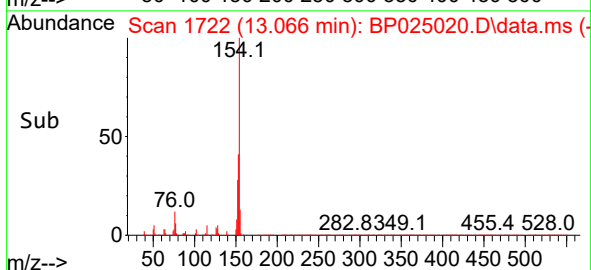
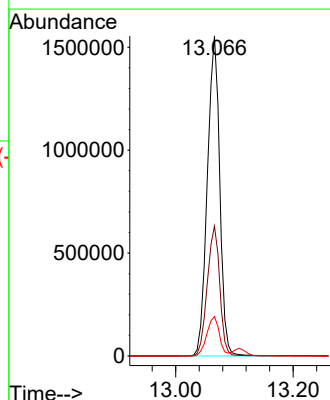
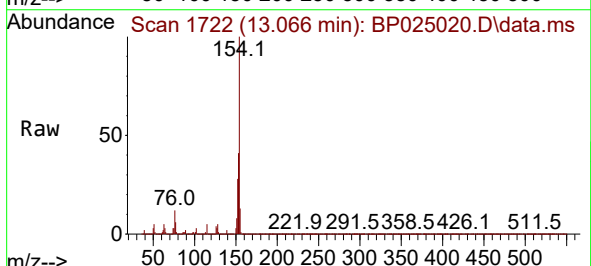
Tgt Ion:154 Resp: 2285588

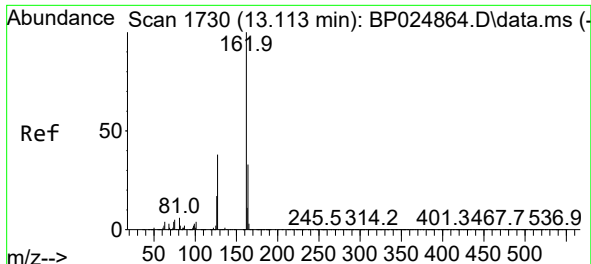
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 12.3 0.0 33.0

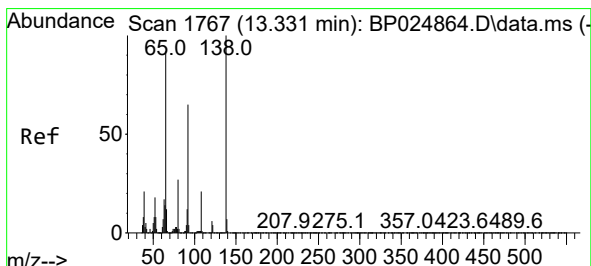
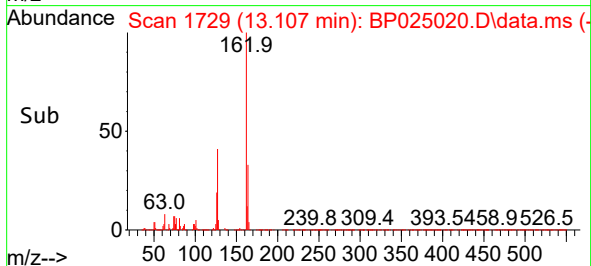
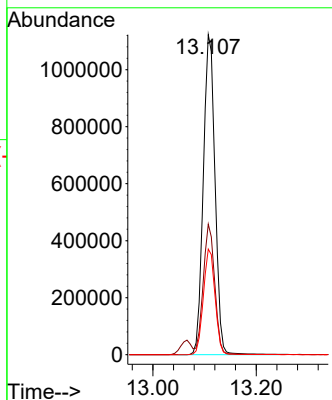
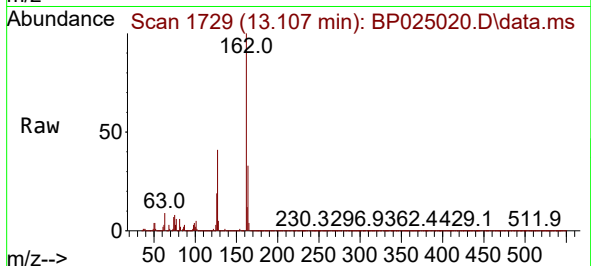




#47
2-Chloronaphthalene
Concen: 51.373 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

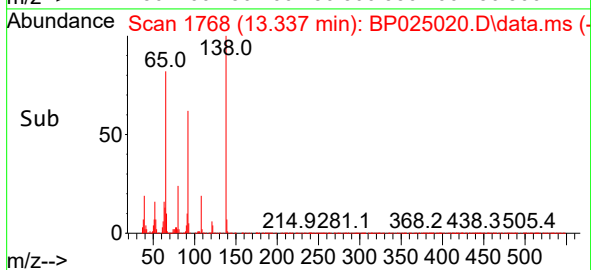
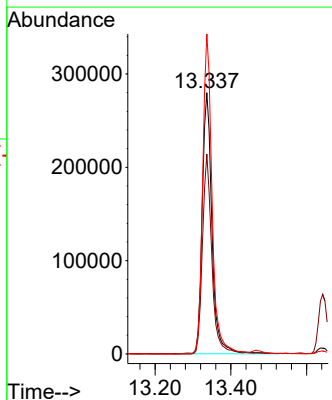
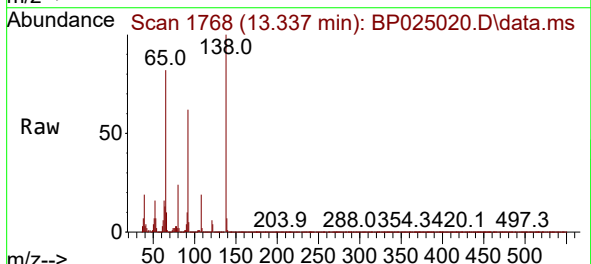
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

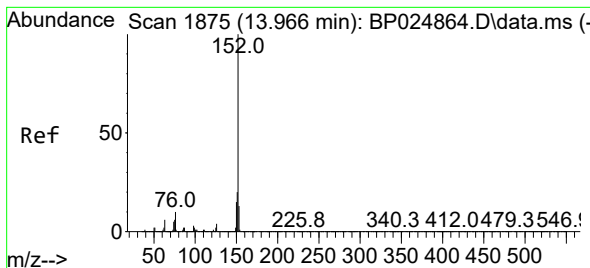
Tgt Ion:162 Resp: 1767364
Ion Ratio Lower Upper
162 100
127 40.8 32.5 48.7
164 33.0 26.2 39.2



#48
2-Nitroaniline
Concen: 47.593 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 65 Resp: 503372
Ion Ratio Lower Upper
65 100
92 76.4 56.8 85.2
138 122.4 86.9 130.3





#49

Acenaphthylene

Concen: 49.122 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

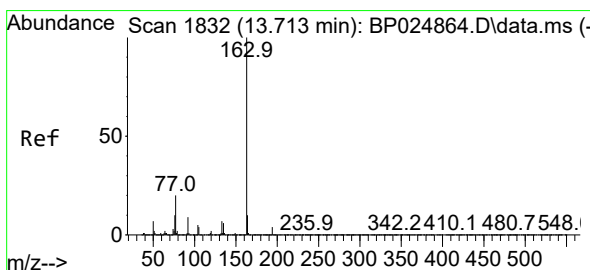
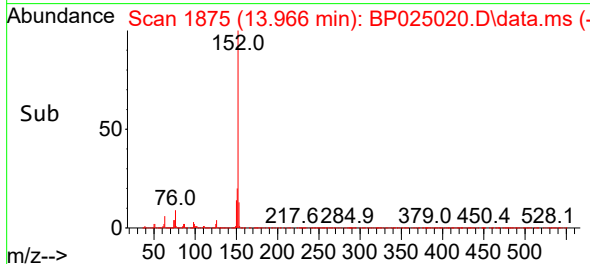
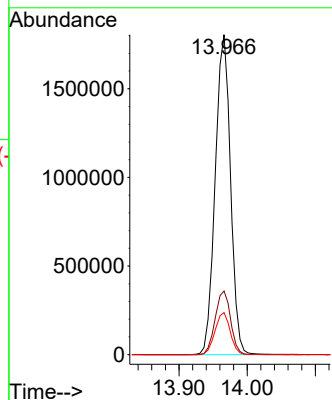
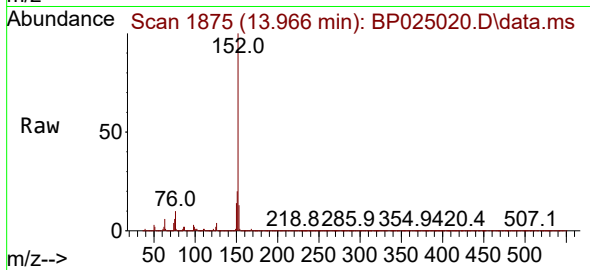
Tgt Ion:152 Resp: 2817727

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 47.117 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

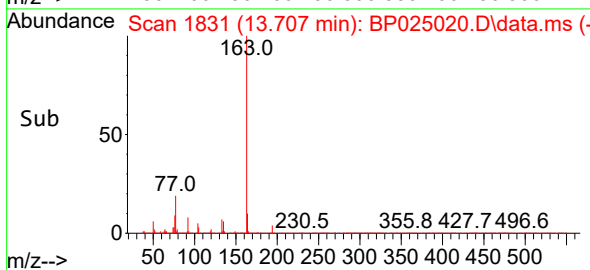
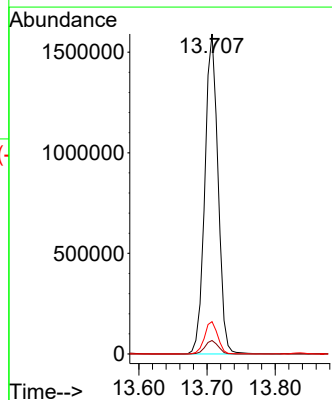
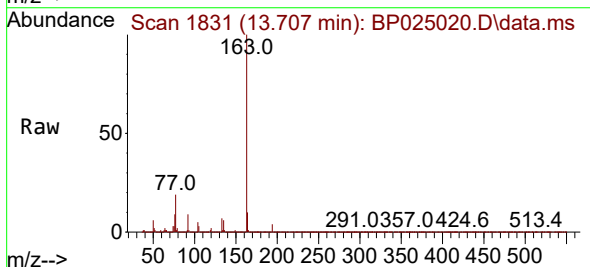
Tgt Ion:163 Resp: 2140804

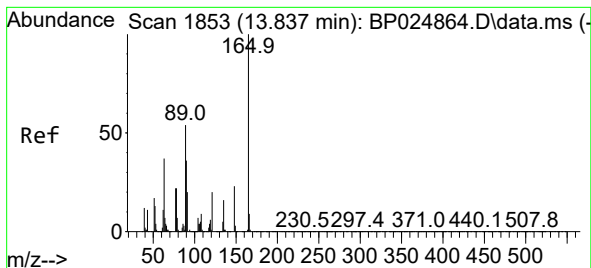
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.0 12.0

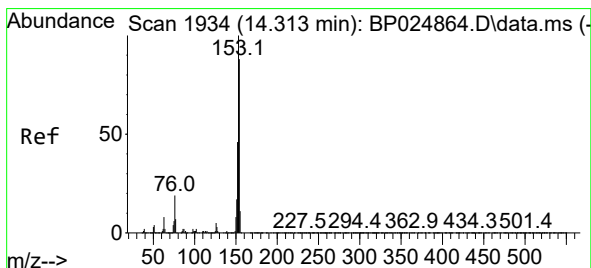
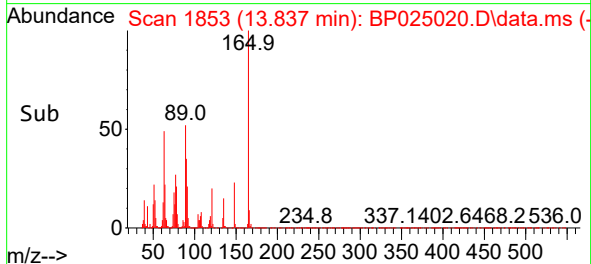
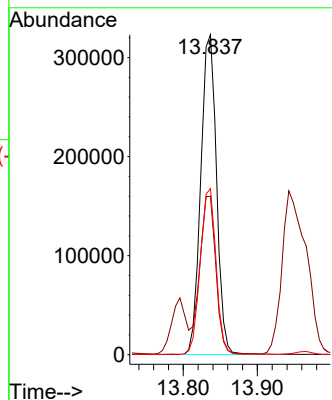
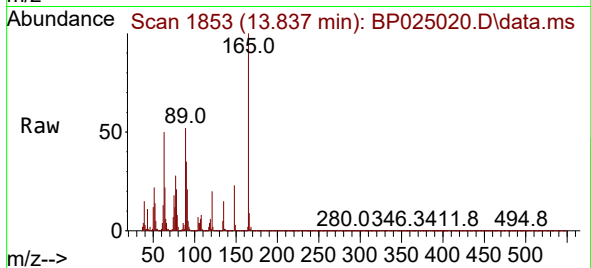




#51
2,6-Dinitrotoluene
Concen: 48.701 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

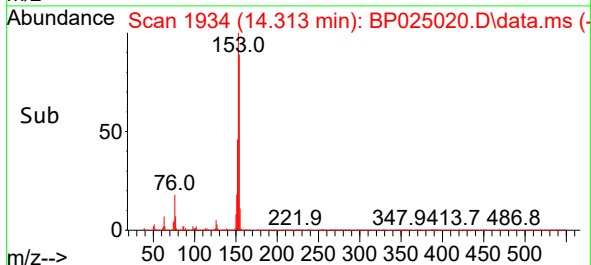
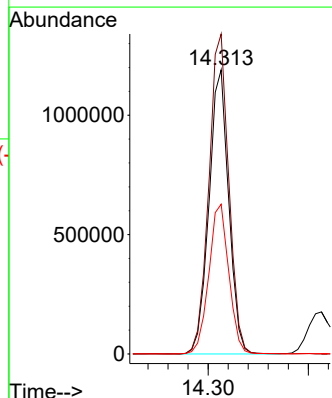
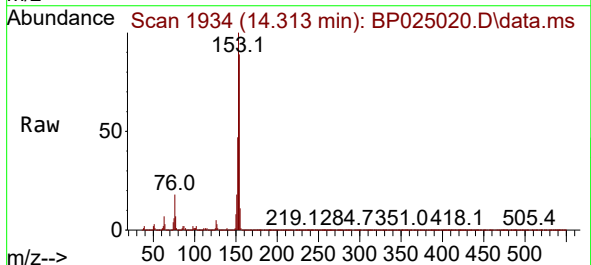
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

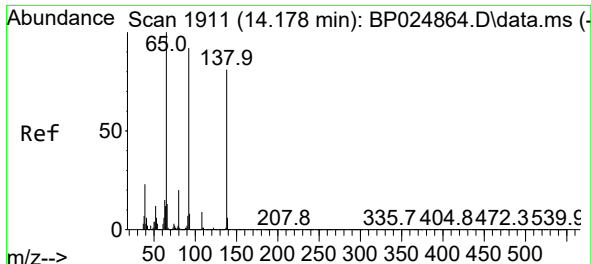
Tgt Ion:165 Resp: 477032
Ion Ratio Lower Upper
165 100
63 49.5 41.8 62.8
89 51.9 43.1 64.7



#52
Acenaphthene
Concen: 49.457 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:154 Resp: 1625669
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 52.7 42.1 63.1

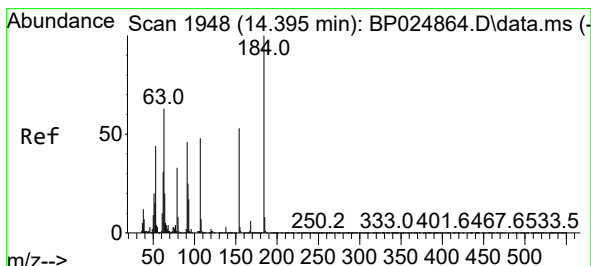
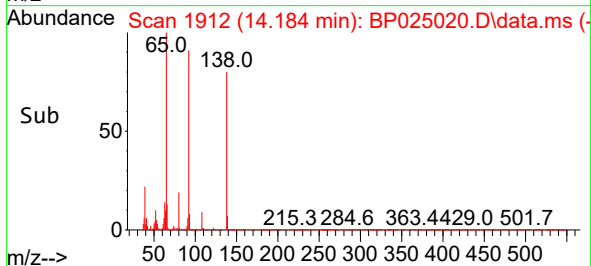
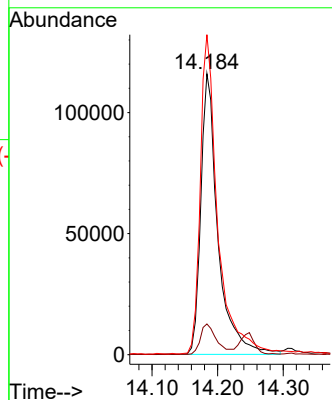
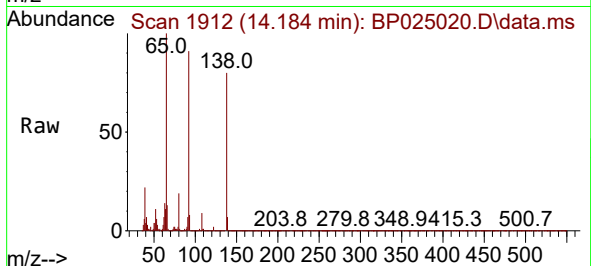




#53
3-Nitroaniline
Concen: 20.748 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

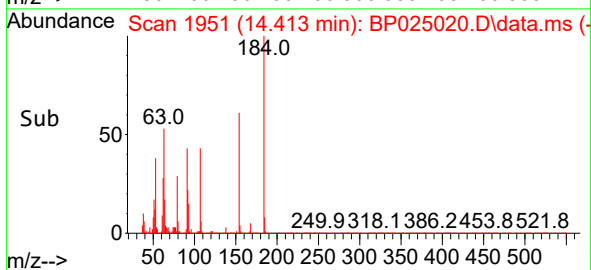
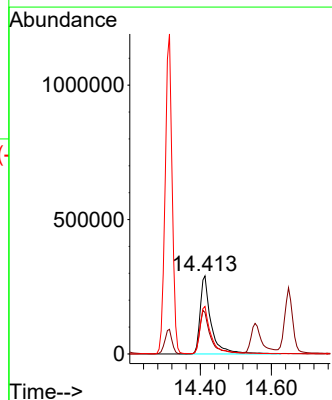
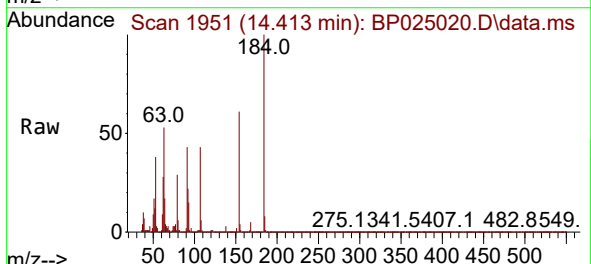
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

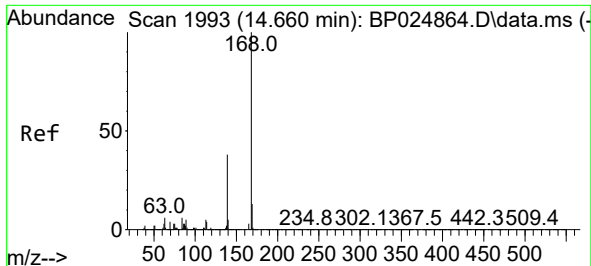
Tgt Ion:138 Resp: 210907
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 113.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 95.941 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:184 Resp: 619525
Ion Ratio Lower Upper
184 100
63 53.2 51.0 76.4
154 60.8 51.7 77.5

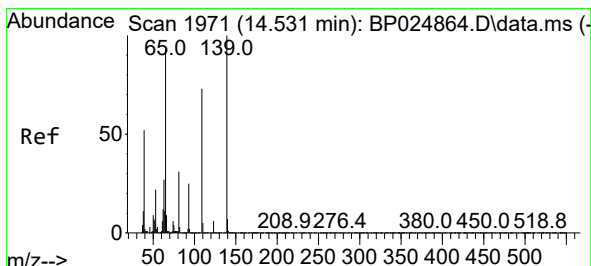
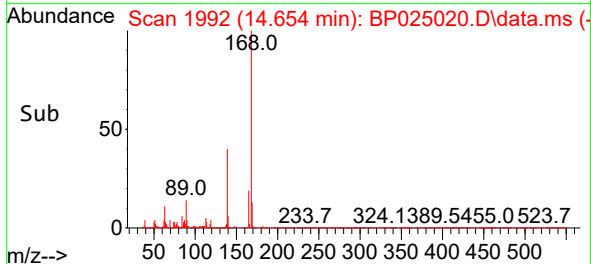
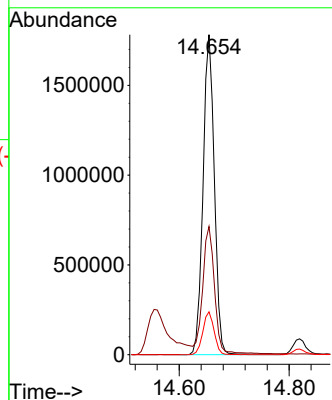
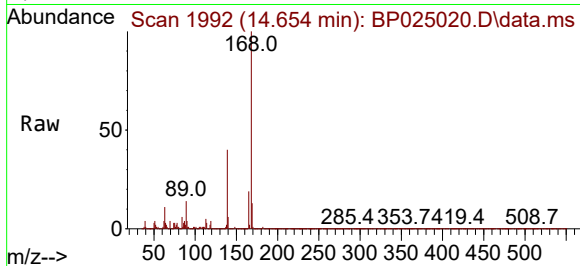




#55
Dibenzofuran
Concen: 48.108 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

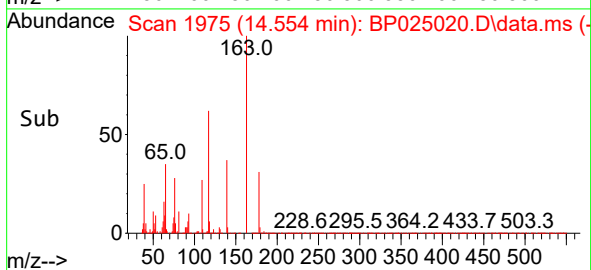
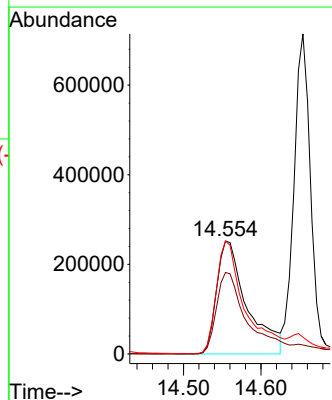
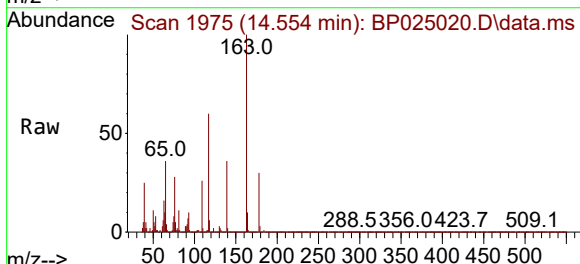
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

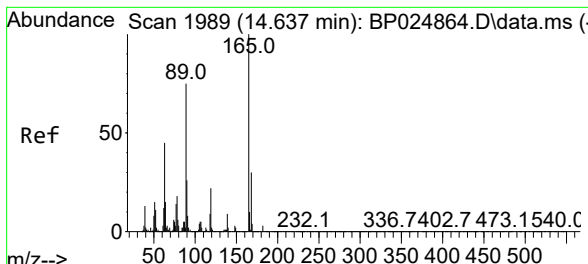
Tgt Ion:168 Resp: 2538288
Ion Ratio Lower Upper
168 100
139 40.1 31.6 47.4
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 79.805 ng
RT: 14.554 min Scan# 1975
Delta R.T. 0.023 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:139 Resp: 686644
Ion Ratio Lower Upper
139 100
109 72.1 53.1 93.1
65 99.9 73.0 113.0



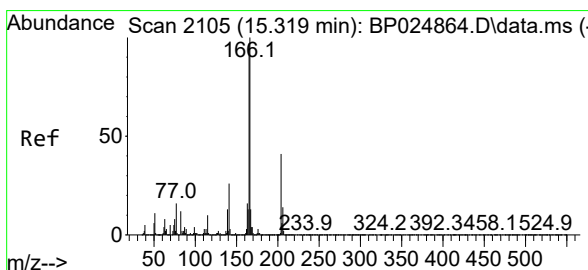
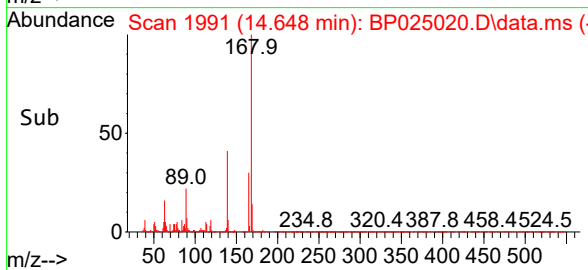
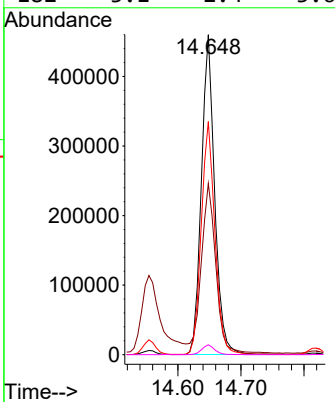
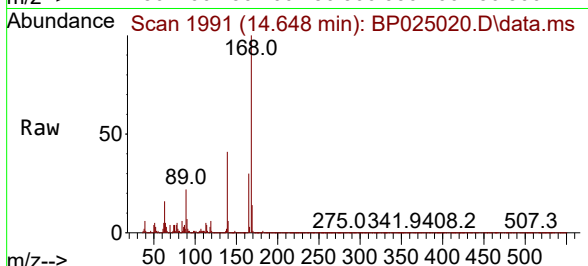


#57
 2,4-Dinitrotoluene
 Concen: 49.114 ng
 RT: 14.648 min Scan# 1989
 Delta R.T. 0.011 min
 Lab File: BP025020.D
 Acq: 20 Jun 2025 16:21

Instrument :
 BNA_P
 ClientSampleId :
 TP-11MSD

Tgt Ion:165 Resp: 672953

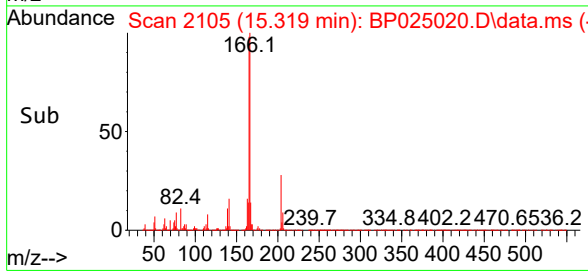
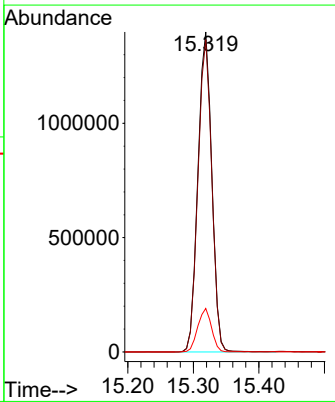
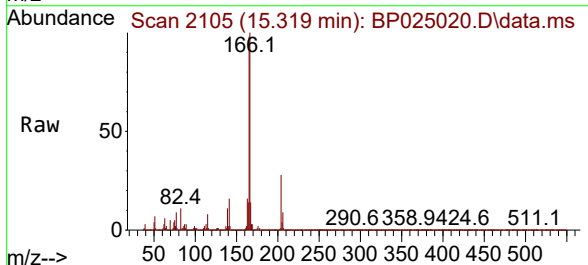
Ion	Ratio	Lower	Upper
165	100		
63	53.5	37.0	55.6
89	72.8	60.1	90.1
182	3.1	2.4	3.6

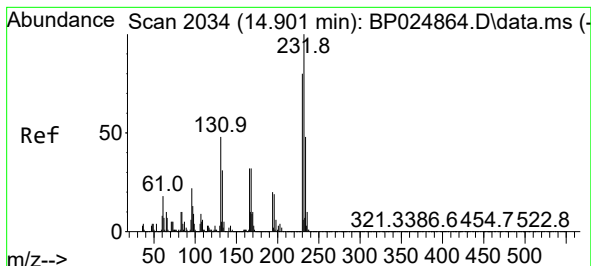


#58
 Fluorene
 Concen: 48.334 ng
 RT: 15.319 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: BP025020.D
 Acq: 20 Jun 2025 16:21

Tgt Ion:166 Resp: 2060141

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	13.6	10.6	16.0

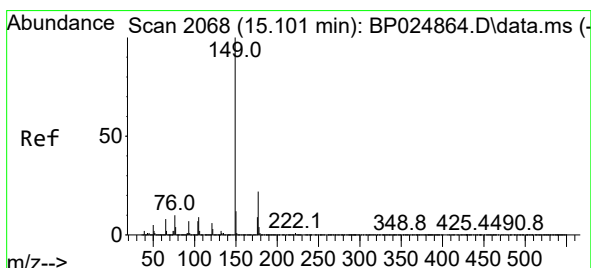
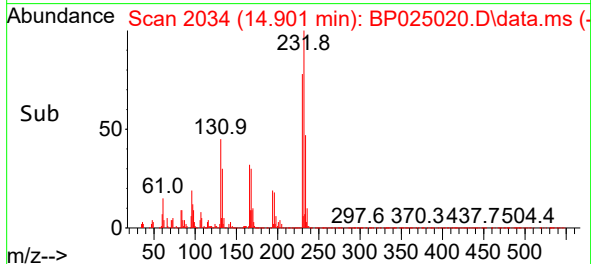
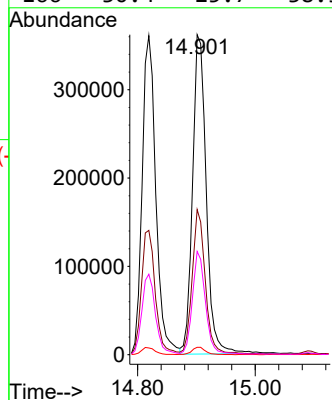
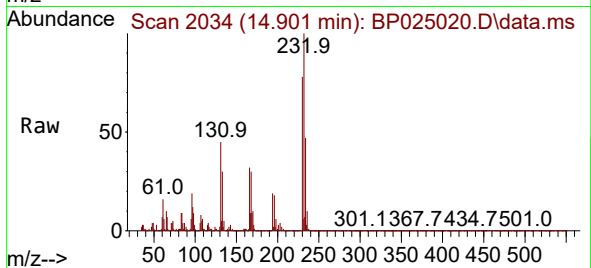




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.229 ng
RT: 14.901 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

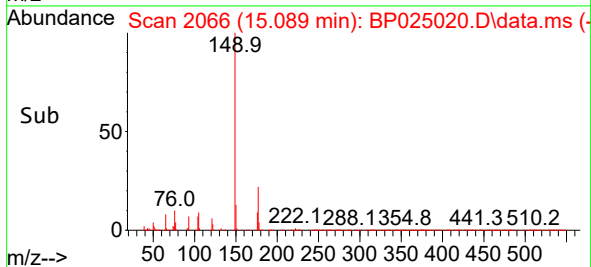
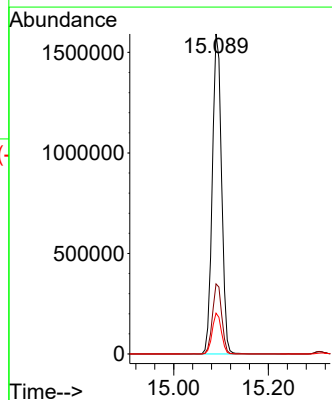
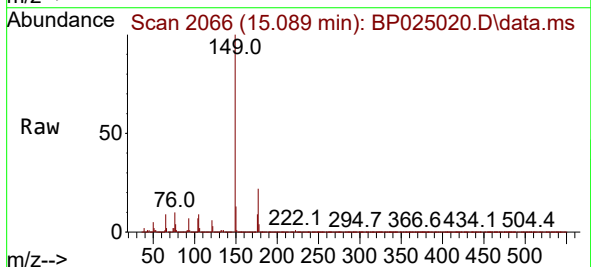
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

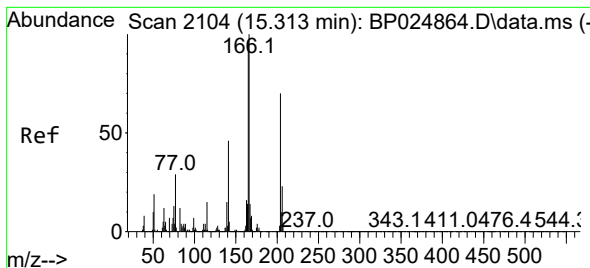
Tgt Ion:232 Resp: 586572
Ion Ratio Lower Upper
232 100
131 43.8 38.2 57.2
130 2.3 2.1 3.1
166 30.4 25.7 38.5



#60
Diethylphthalate
Concen: 47.609 ng
RT: 15.089 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:149 Resp: 2155856
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.8 9.8 14.6

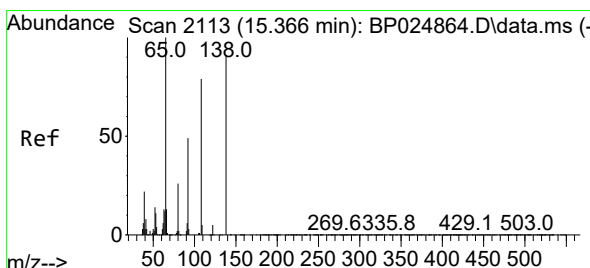
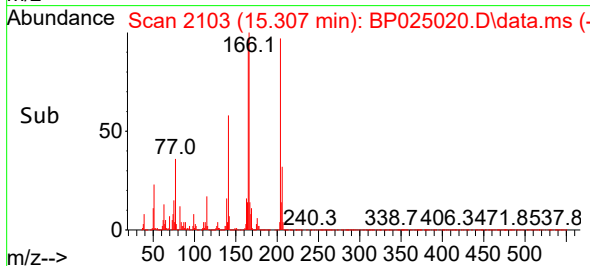
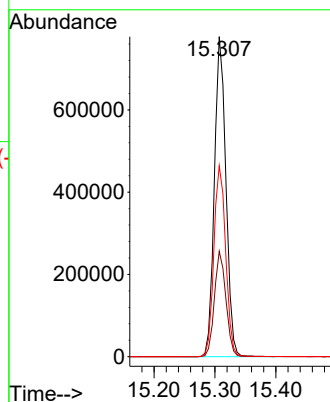
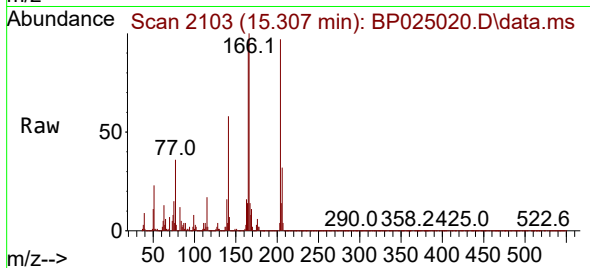




#61
4-Chlorophenyl-phenylether
Concen: 49.081 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

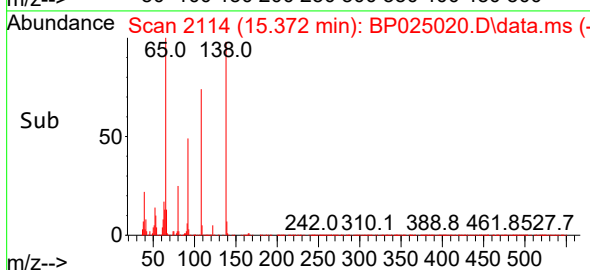
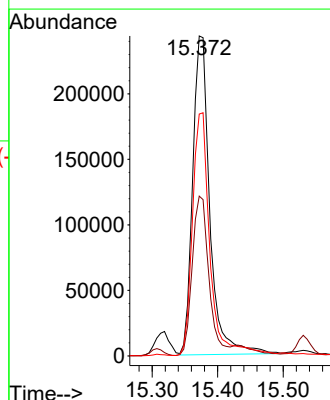
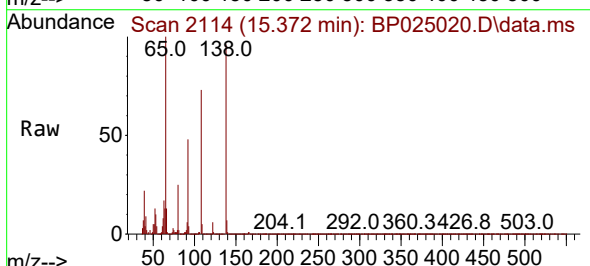
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

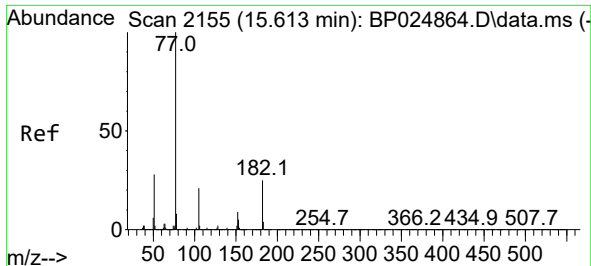
Tgt Ion:204 Resp: 1022868
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 59.7 52.4 78.6



#62
4-Nitroaniline
Concen: 48.022 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:138 Resp: 442608
Ion Ratio Lower Upper
138 100
92 50.0 33.5 73.5
108 75.6 65.1 105.1



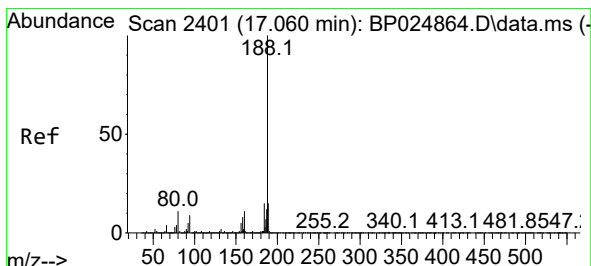
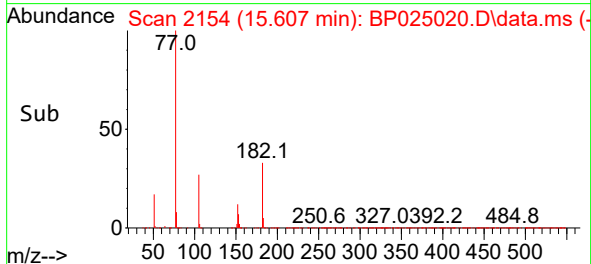
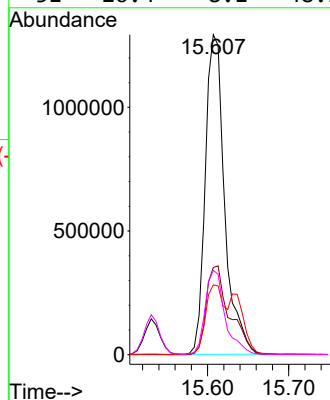
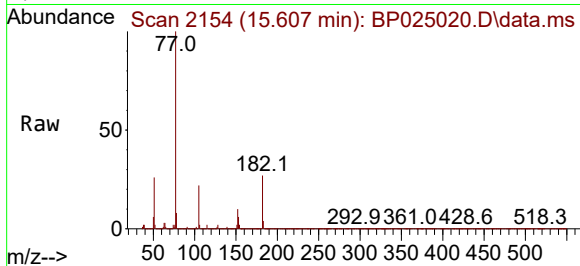


#63
Azobenzene
Concen: 51.488 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Instrument :
BNA_P
ClientSampleId :
TP-11MSD

Tgt Ion: 77 Resp: 2138297

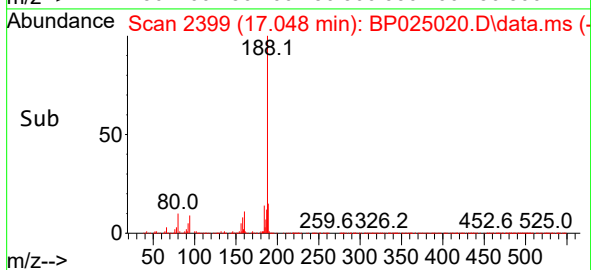
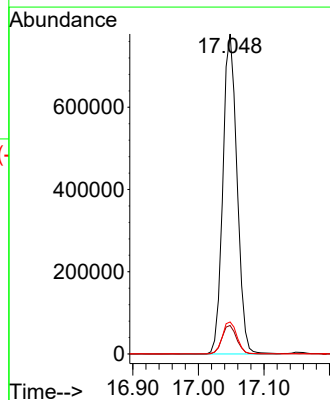
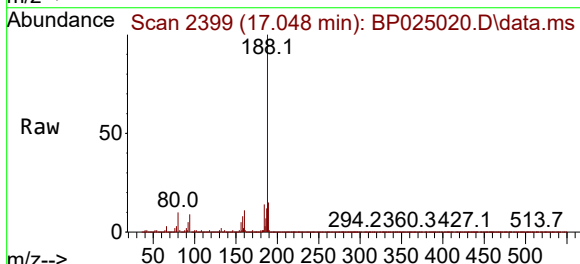
Ion	Ratio	Lower	Upper
77	100		
182	27.2	5.4	45.4
105	21.8	0.8	40.8
51	26.4	8.1	48.1

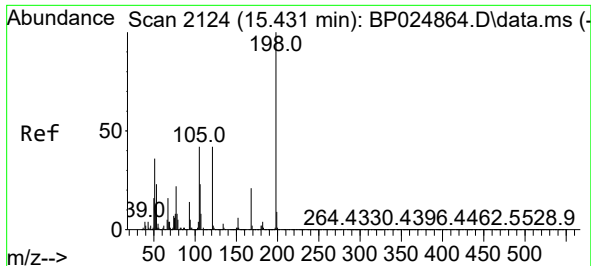


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion: 188 Resp: 1161125

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	10.0	8.5	12.7

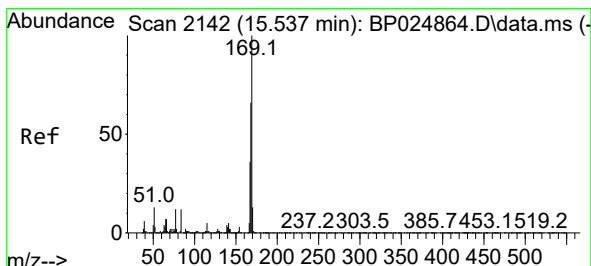
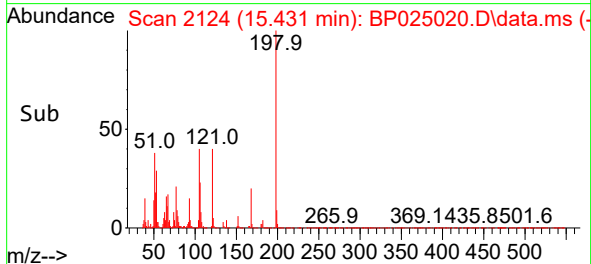
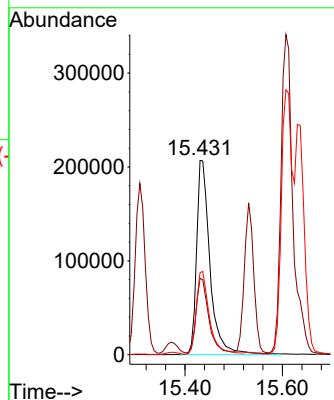
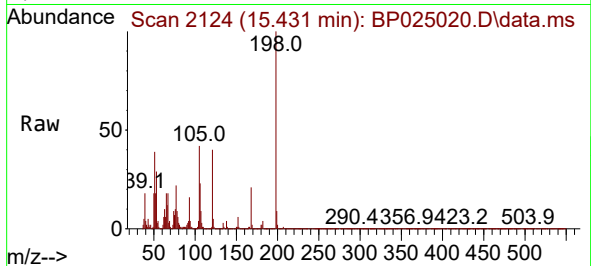




#65
4,6-Dinitro-2-methylphenol
Concen: 51.850 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

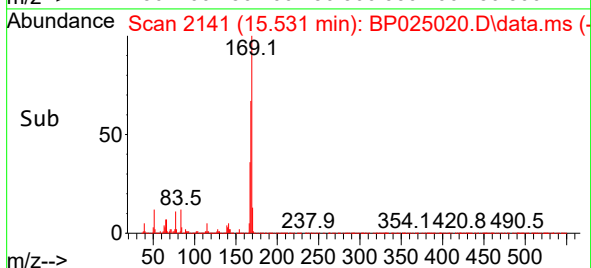
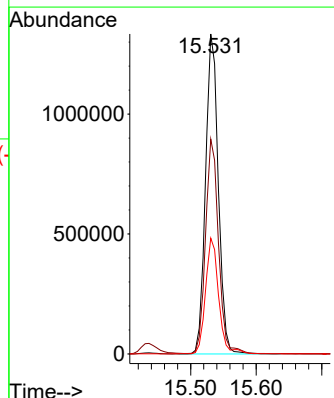
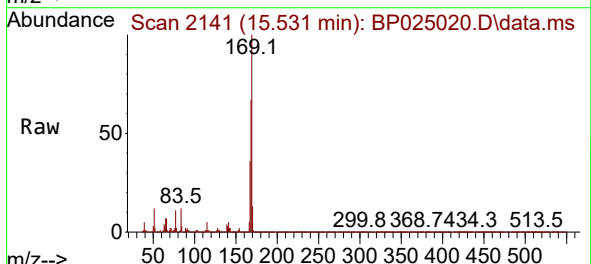
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

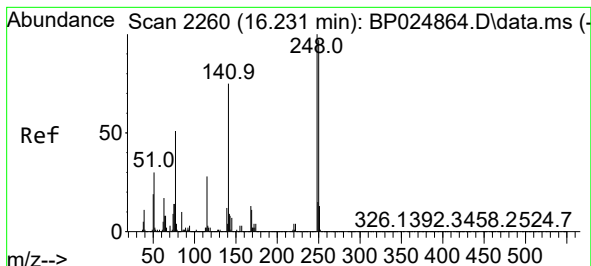
Tgt Ion:198 Resp: 395596
Ion Ratio Lower Upper
198 100
51 39.3 19.2 59.2
105 42.1 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 50.344 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:169 Resp: 1811869
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 36.2 28.6 43.0

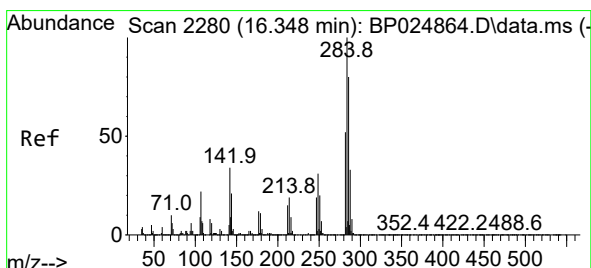
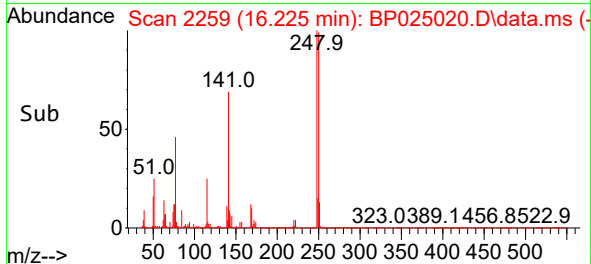
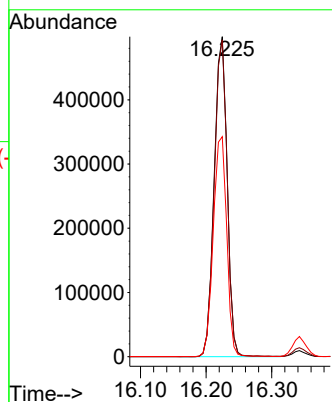
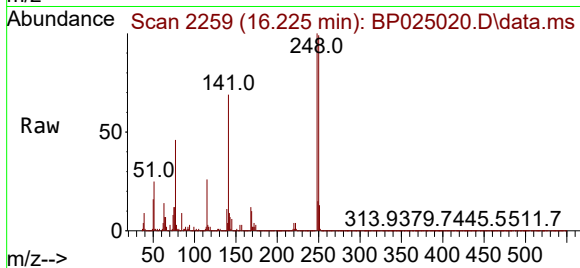




#67
4-Bromophenyl-phenylether
Concen: 52.218 ng
RT: 16.225 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

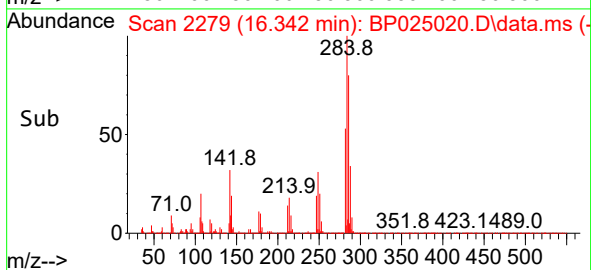
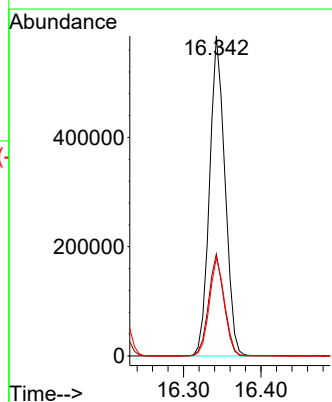
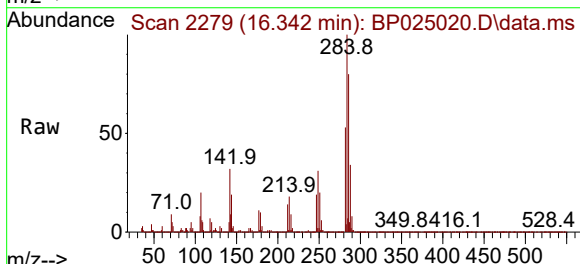
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

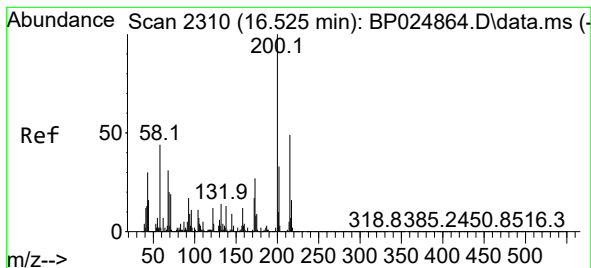
Tgt Ion:248 Resp: 684124
Ion Ratio Lower Upper
248 100
250 99.0 77.4 116.2
141 68.7 59.9 89.9



#68
Hexachlorobenzene
Concen: 50.972 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:284 Resp: 809569
Ion Ratio Lower Upper
284 100
142 31.8 27.0 40.6
249 30.7 25.0 37.6





#69

Atrazine

Concen: 50.918 ng

RT: 16.513 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

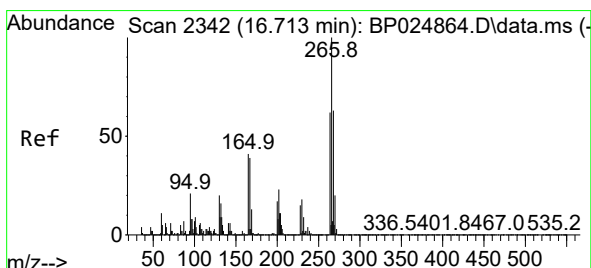
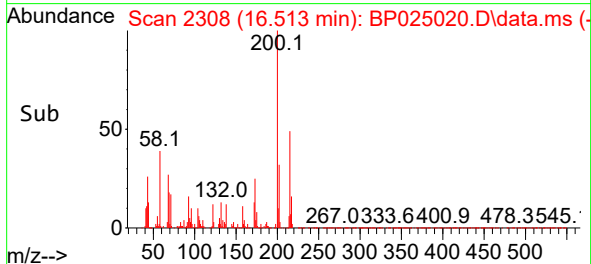
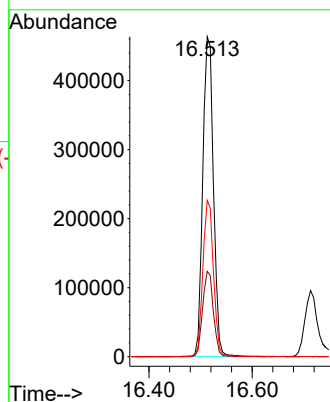
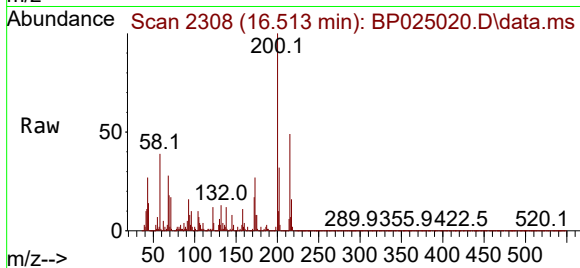
Tgt Ion:200 Resp: 664315

Ion Ratio Lower Upper

200 100

173 26.7 6.9 46.9

215 48.9 28.7 68.7



#70

Pentachlorophenol

Concen: 122.729 ng

RT: 16.713 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

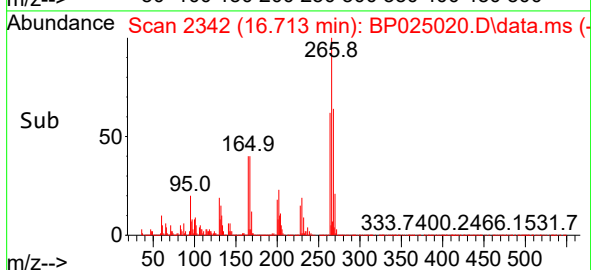
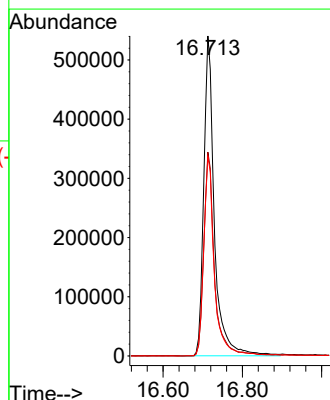
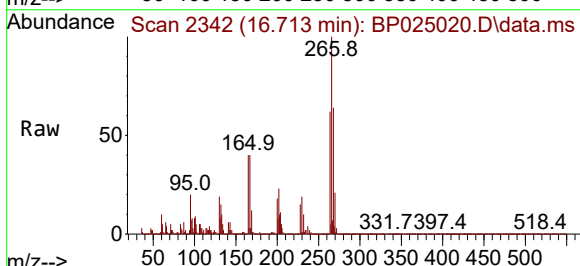
Tgt Ion:266 Resp: 1008837

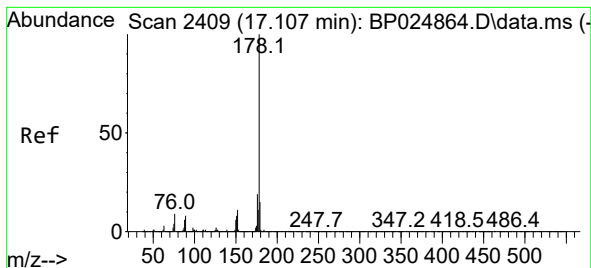
Ion Ratio Lower Upper

266 100

268 63.7 50.6 76.0

264 62.4 49.7 74.5





#71

Phenanthrene

Concen: 49.722 ng

RT: 17.095 min Scan# 2409

Delta R.T. -0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

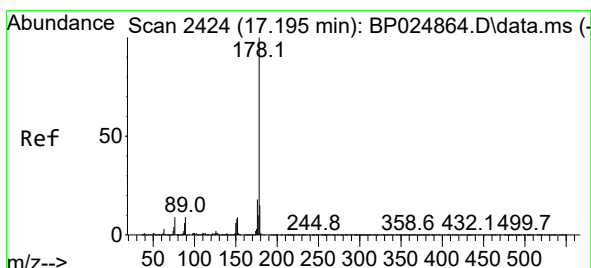
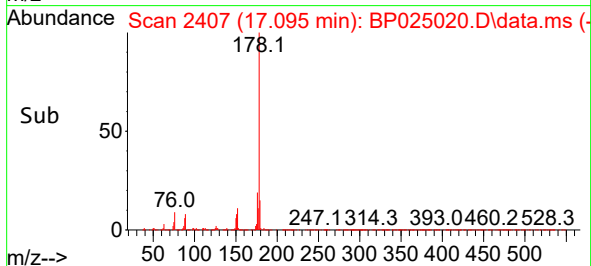
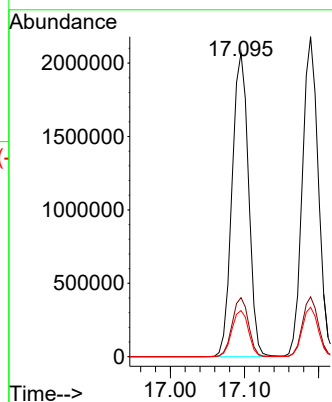
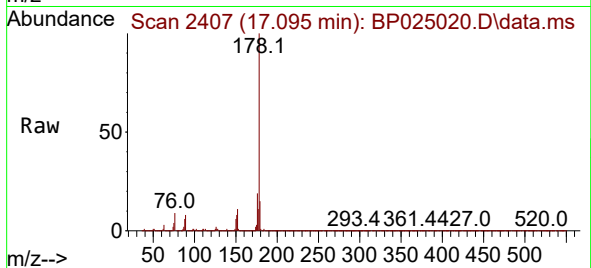
Tgt Ion:178 Resp: 3190417

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.2 12.1 18.1



#72

Anthracene

Concen: 50.506 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

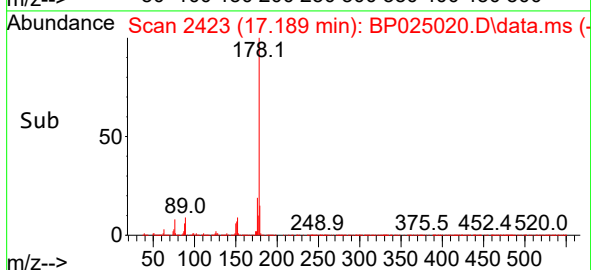
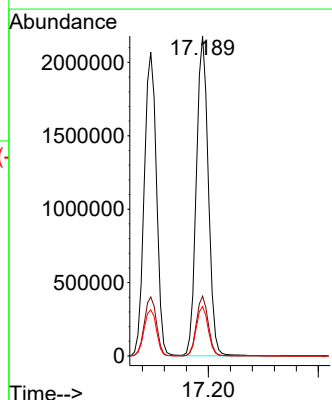
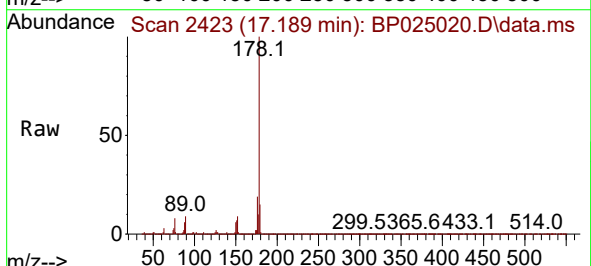
Tgt Ion:178 Resp: 3282135

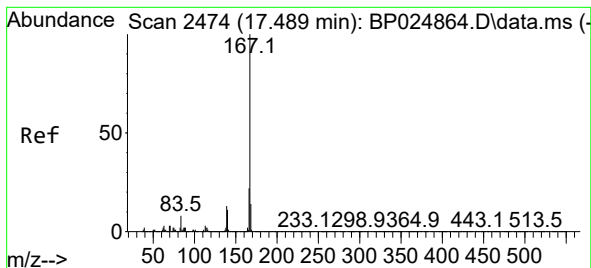
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.5 12.3 18.5





#73

Carbazole

Concen: 50.916 ng

RT: 17.483 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

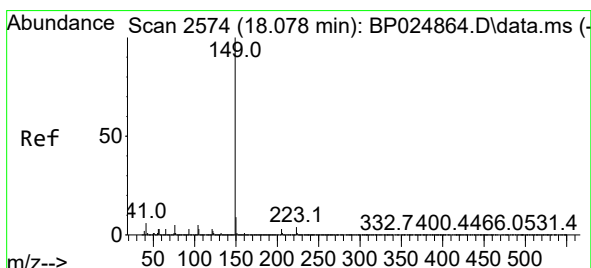
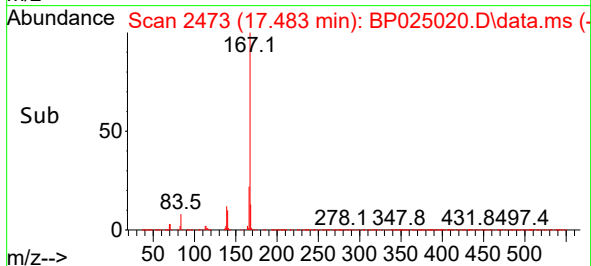
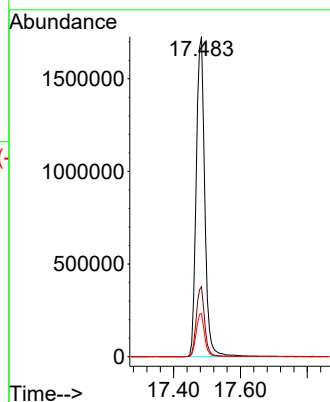
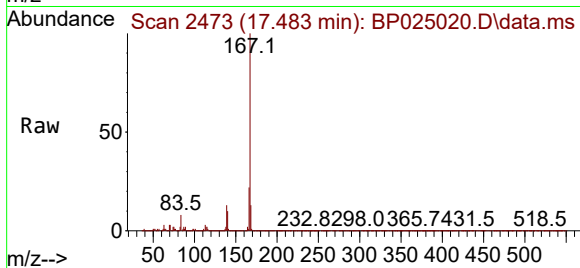
Tgt Ion:167 Resp: 3066909

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 49.892 ng

RT: 18.054 min Scan# 2570

Delta R.T. -0.024 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

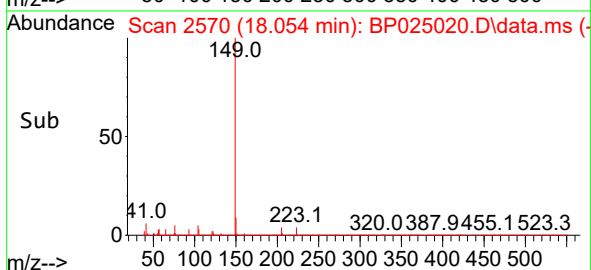
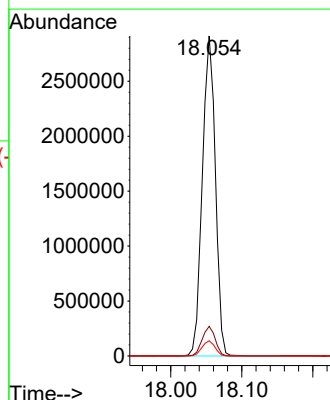
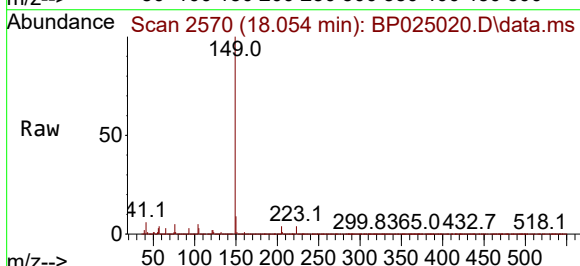
Tgt Ion:149 Resp: 3723419

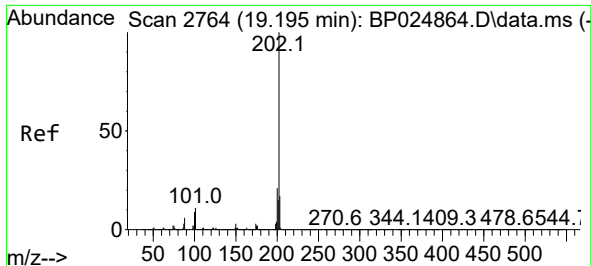
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.8 4.2 6.2

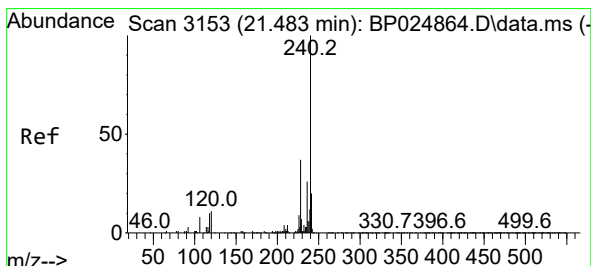
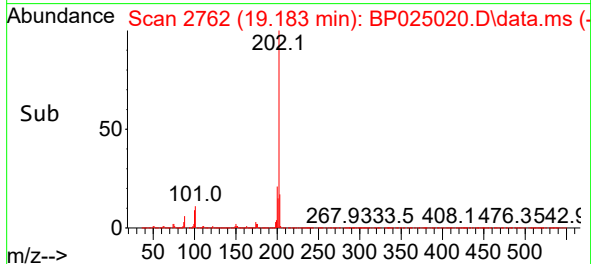
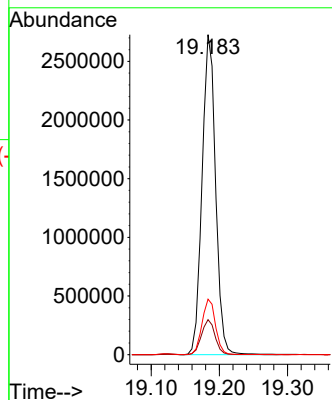
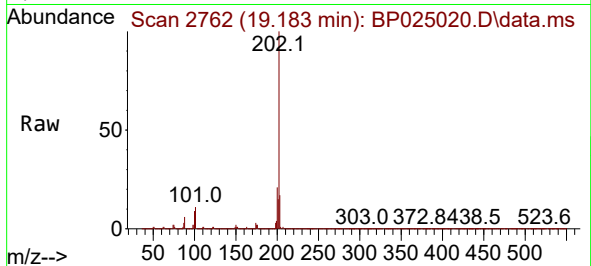




#75
Fluoranthene
Concen: 50.493 ng
RT: 19.183 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

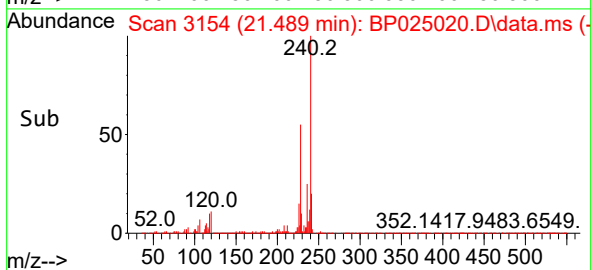
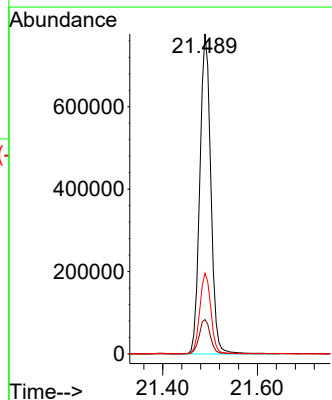
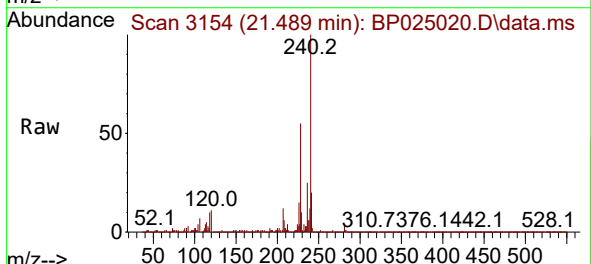
Instrument :
BNA_P
ClientSampleId :
TP-11MSD

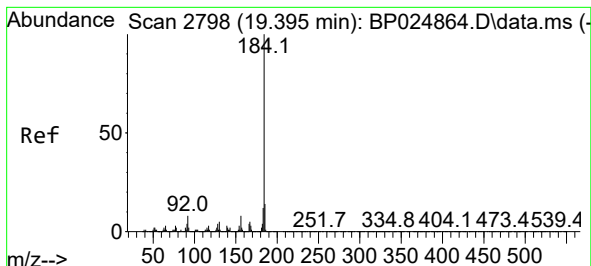
Tgt Ion:202 Resp: 3755166
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP025020.D
Acq: 20 Jun 2025 16:21

Tgt Ion:240 Resp: 1249260
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.2 20.9 31.3





#77

Benzidine

Concen: 46.295 ng

RT: 19.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

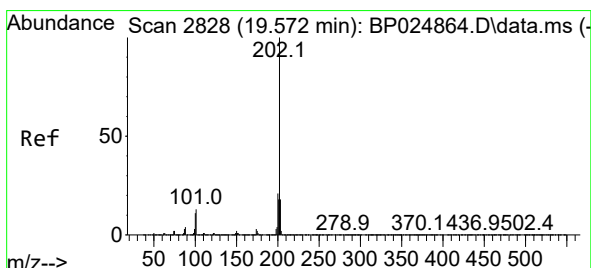
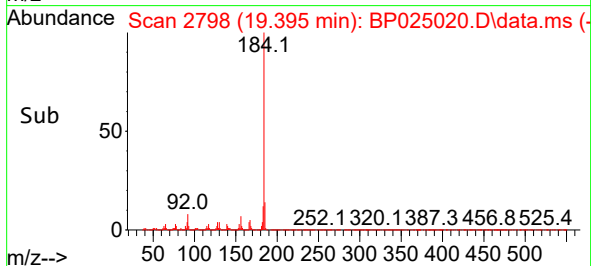
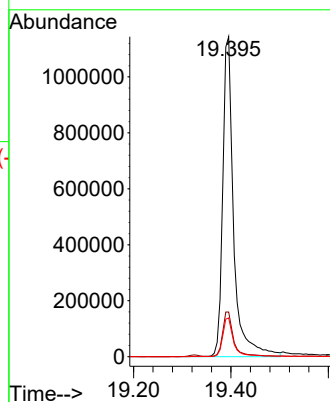
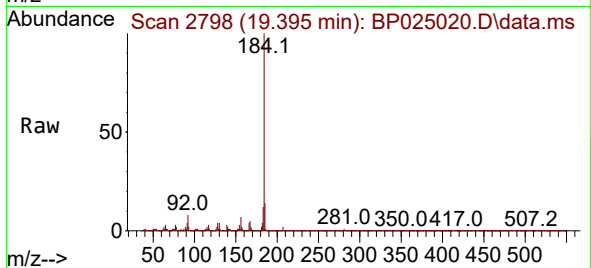
Tgt Ion:184 Resp: 1791224

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 12.1 9.5 14.3



#78

Pyrene

Concen: 49.532 ng

RT: 19.566 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

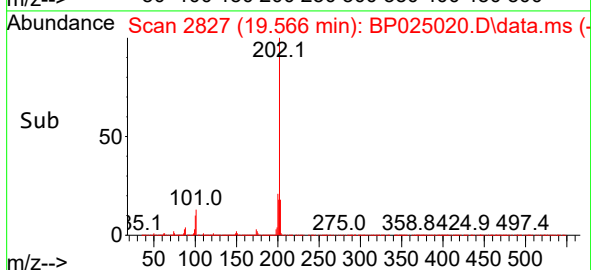
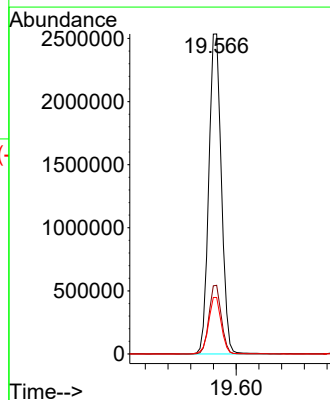
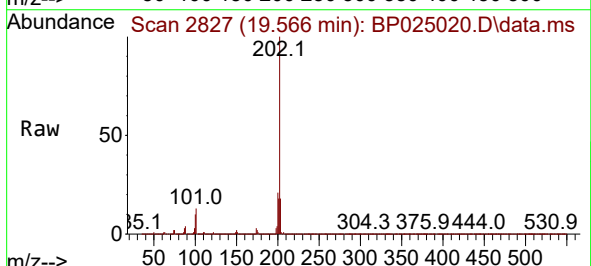
Tgt Ion:202 Resp: 3865806

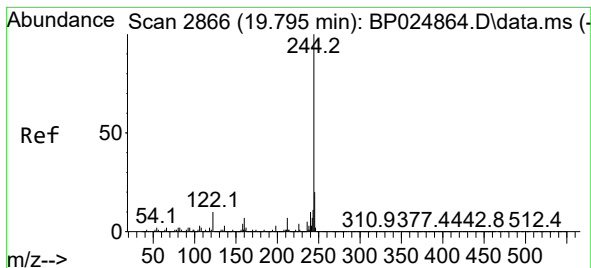
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 62.683 ng

RT: 19.777 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

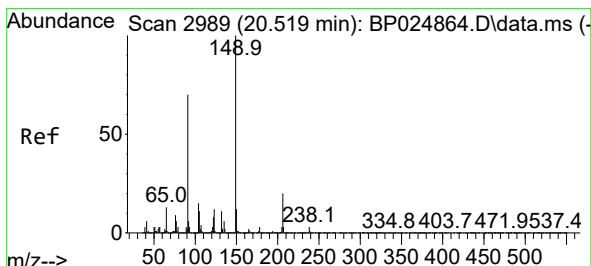
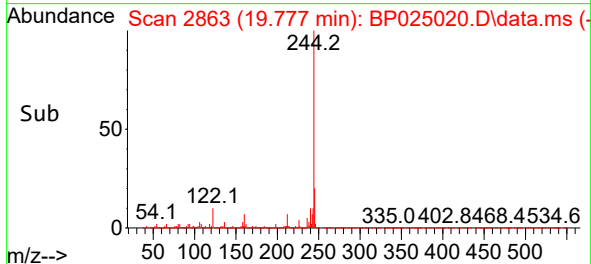
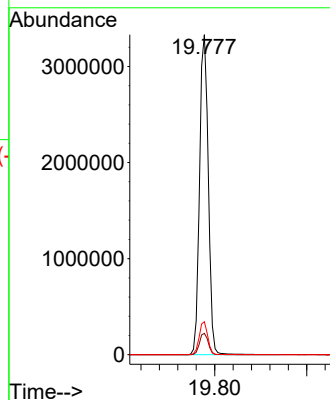
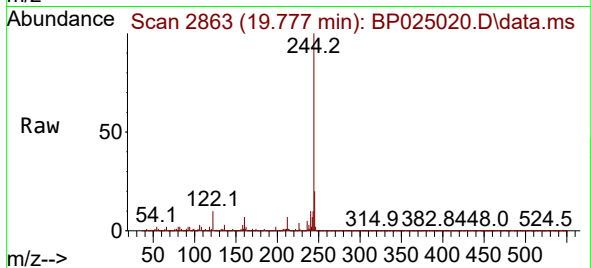
Tgt Ion:244 Resp: 4369192

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 49.907 ng

RT: 20.507 min Scan# 2987

Delta R.T. -0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

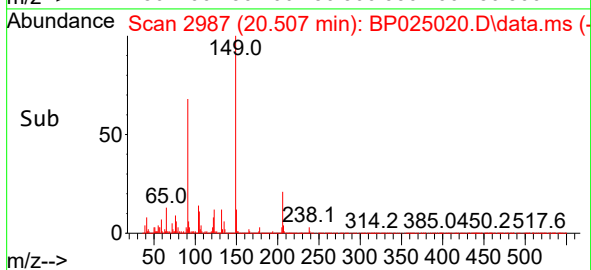
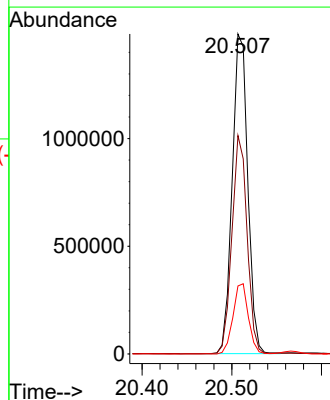
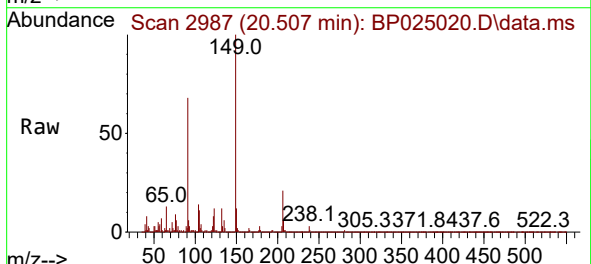
Tgt Ion:149 Resp: 1784155

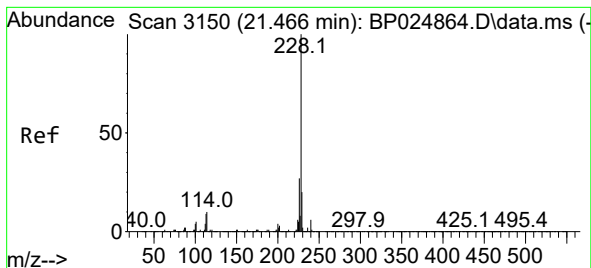
Ion Ratio Lower Upper

149 100

91 68.3 55.8 83.8

206 21.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 49.640 ng

RT: 21.471 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

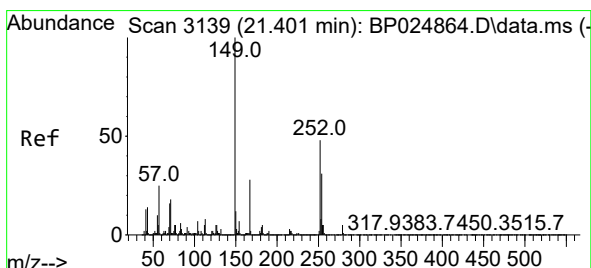
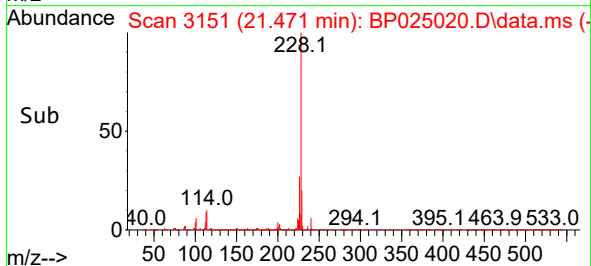
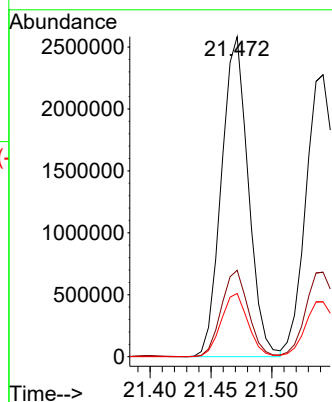
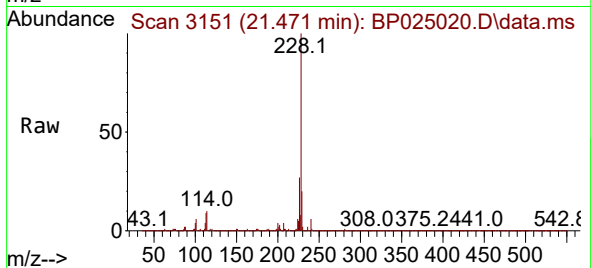
Tgt Ion:228 Resp: 3966228

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 29.226 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

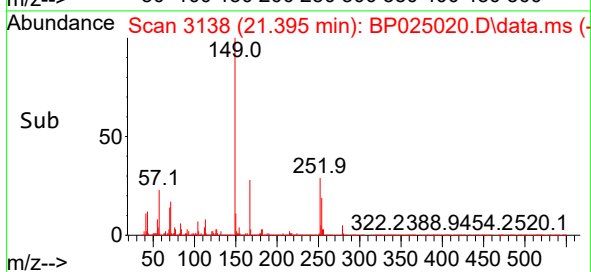
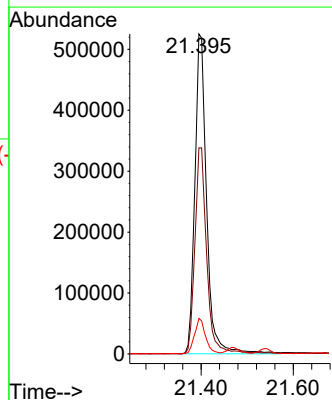
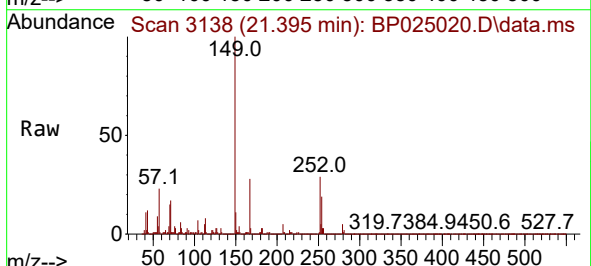
Tgt Ion:252 Resp: 927065

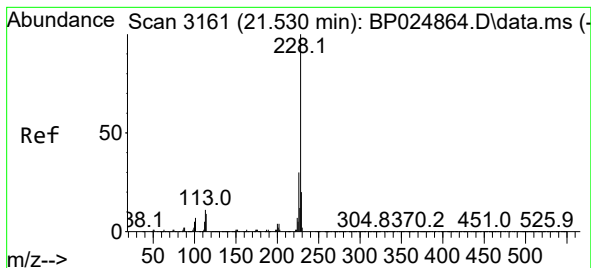
Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

126 11.1 8.6 12.8





#83

Chrysene

Concen: 50.584 ng

RT: 21.542 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

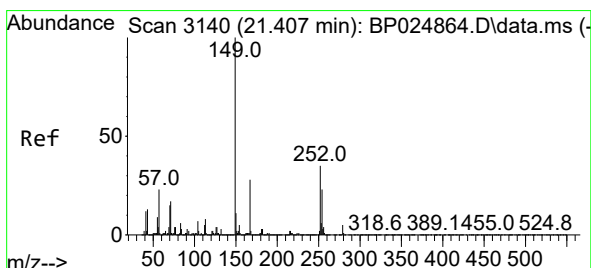
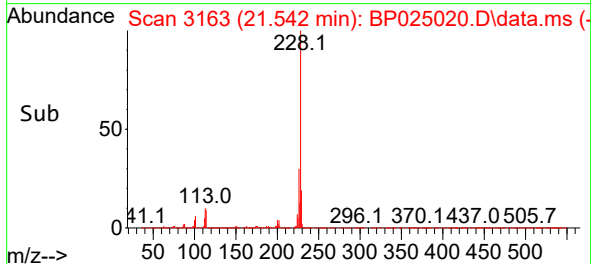
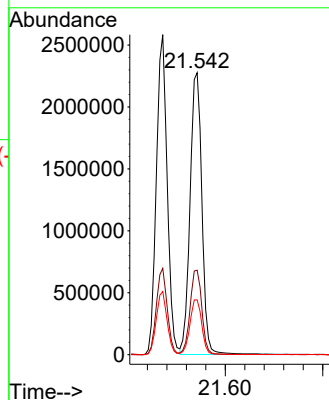
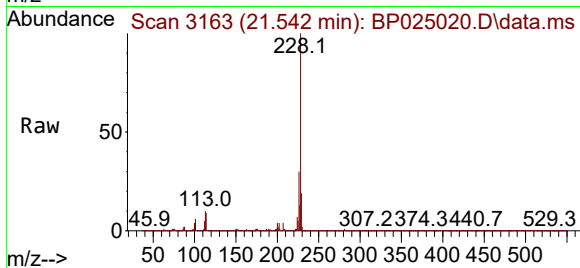
Tgt Ion:228 Resp: 3829602

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.988 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

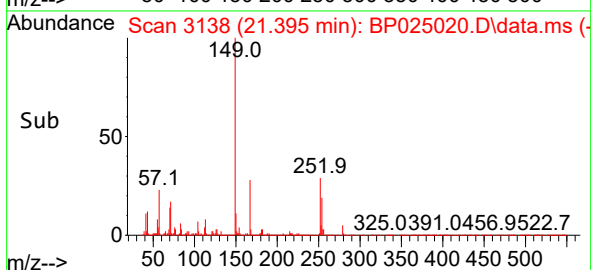
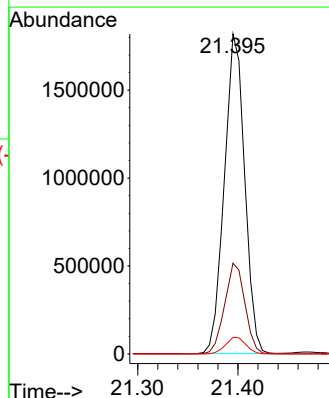
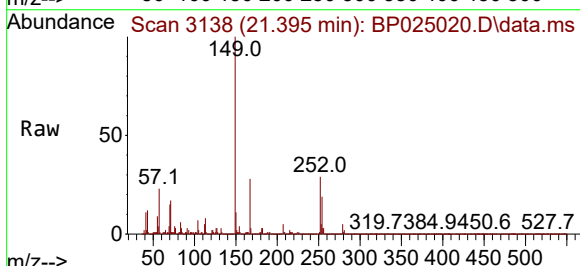
Tgt Ion:149 Resp: 2560419

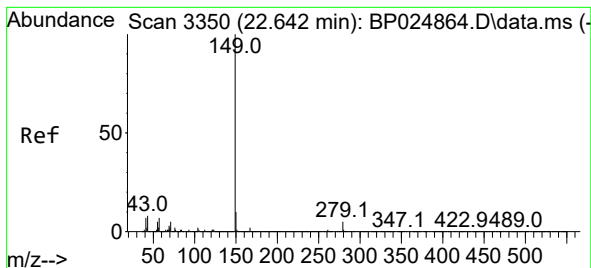
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.174 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

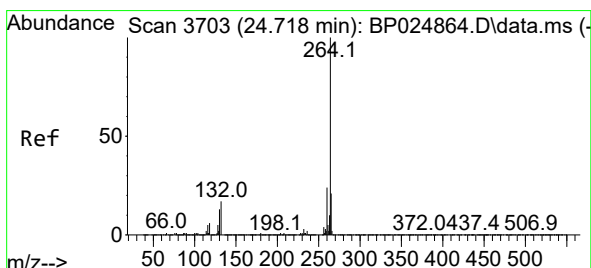
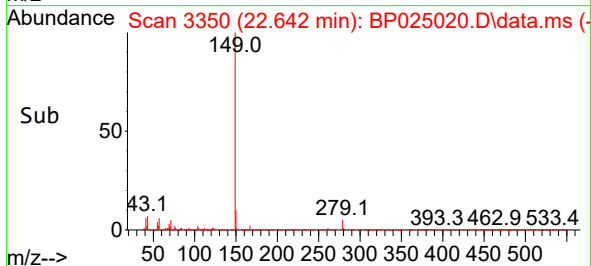
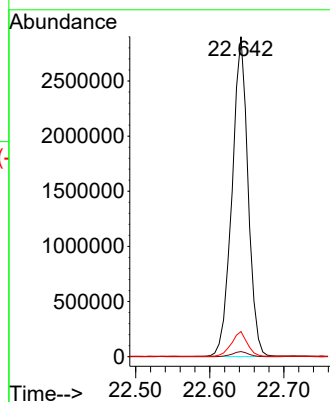
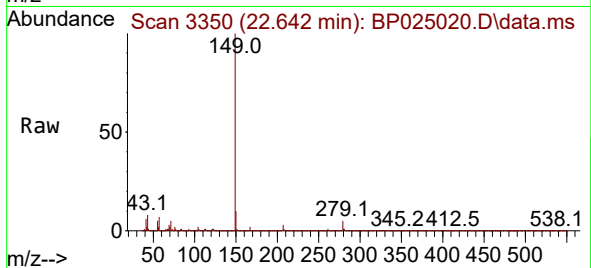
Tgt Ion:149 Resp: 4349244

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.047 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

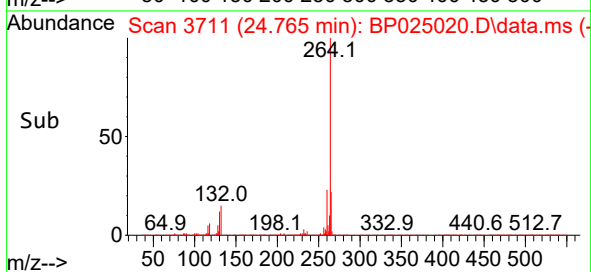
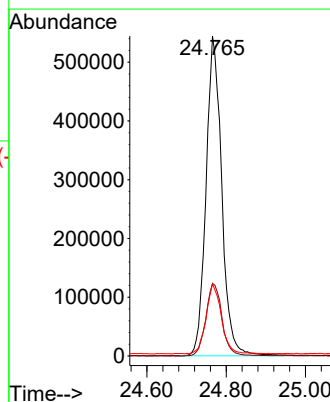
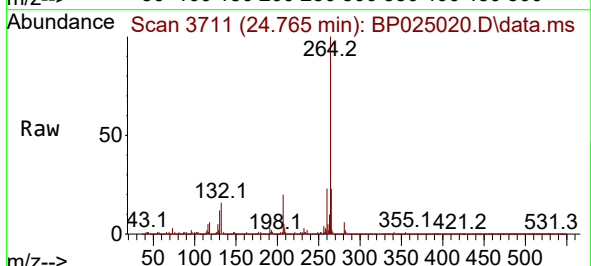
Tgt Ion:264 Resp: 1495166

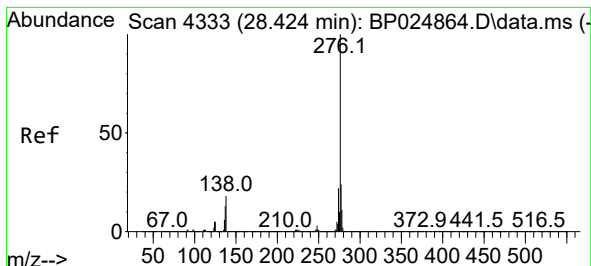
Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 22.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.866 ng

RT: 28.495 min Scan# 41

Delta R.T. 0.071 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

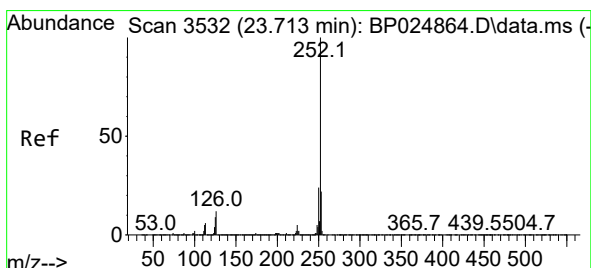
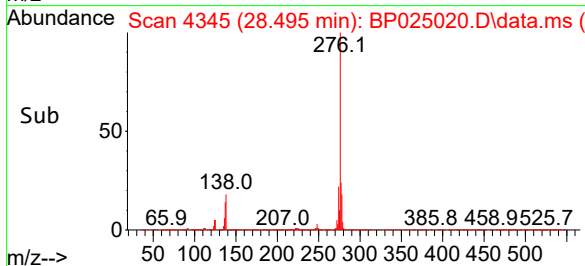
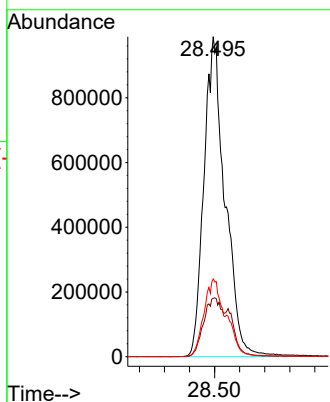
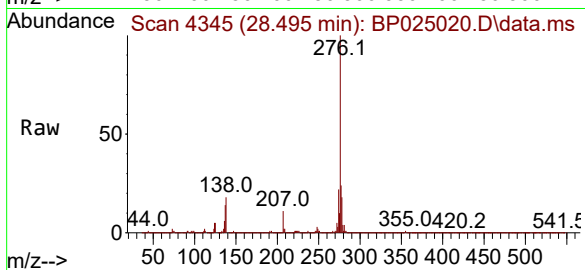
Tgt Ion:276 Resp: 5767150

Ion Ratio Lower Upper

276 100

138 15.7 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.485 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.023 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

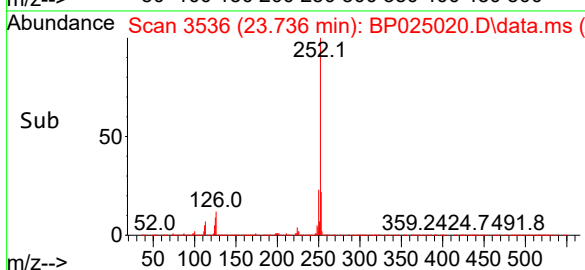
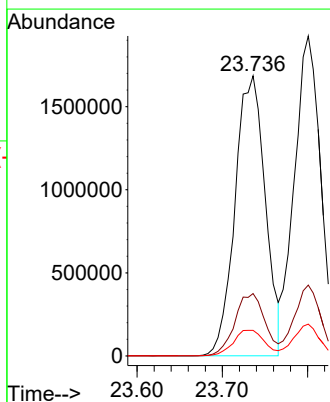
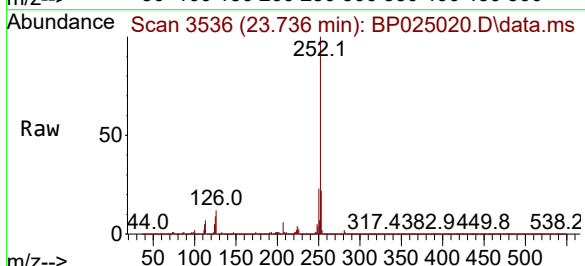
Tgt Ion:252 Resp: 4148844

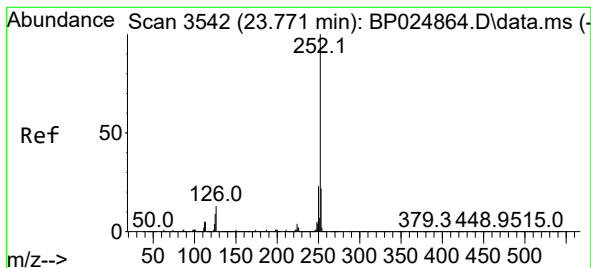
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.455 ng

RT: 23.801 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

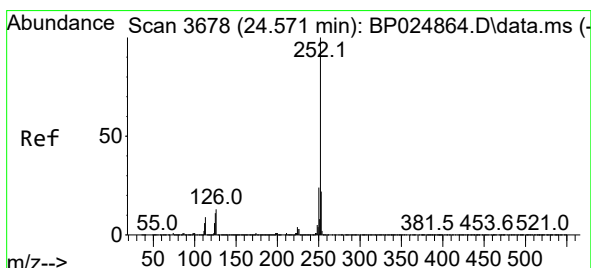
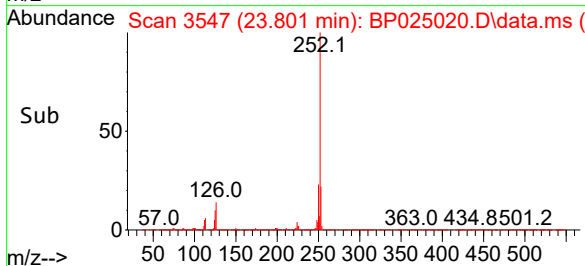
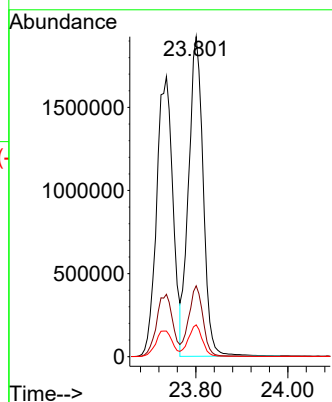
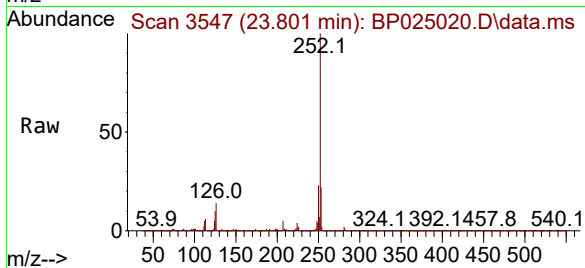
Tgt Ion:252 Resp: 4220478

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.0 7.4 11.0



#90

Benzo(a)pyrene

Concen: 49.546 ng

RT: 24.613 min Scan# 3685

Delta R.T. 0.041 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

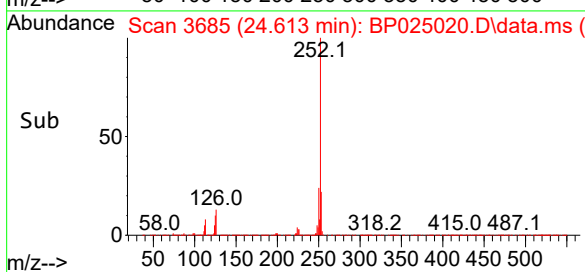
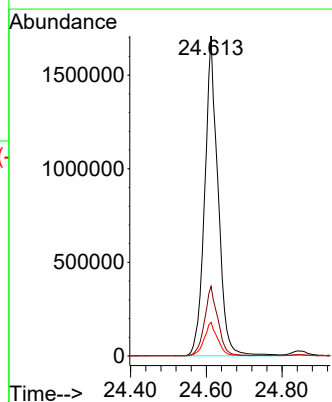
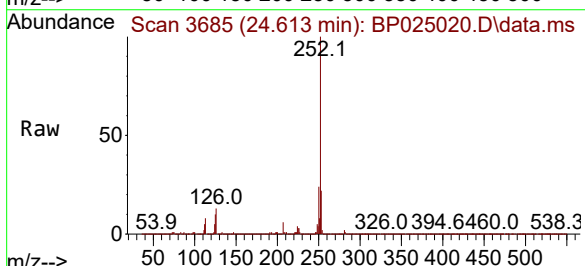
Tgt Ion:252 Resp: 4140315

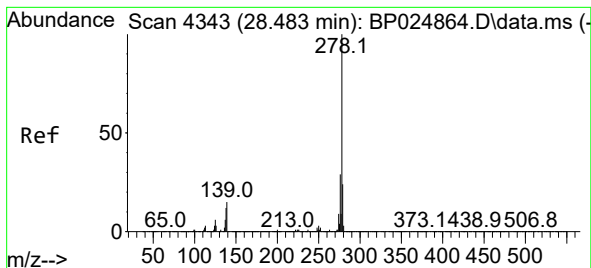
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.206 ng

RT: 28.553 min Scan# 41

Delta R.T. 0.070 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Instrument :

BNA_P

ClientSampleId :

TP-11MSD

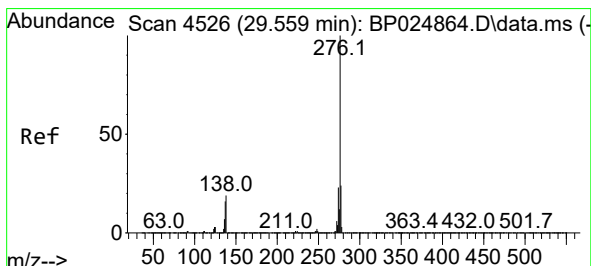
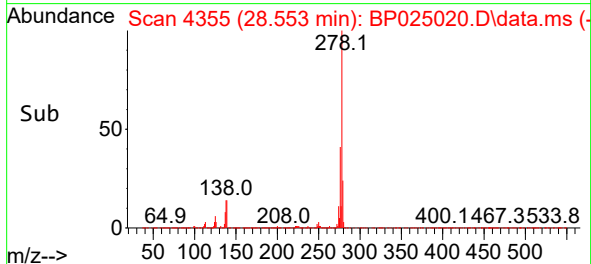
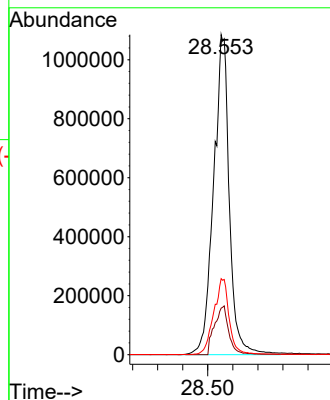
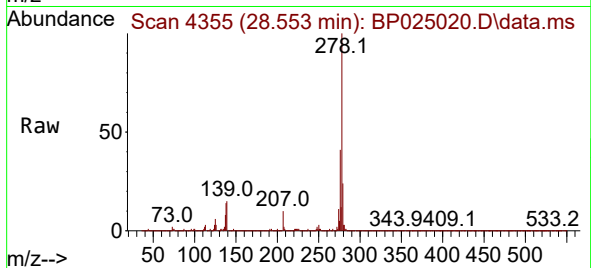
Tgt Ion:278 Resp: 4724503

Ion Ratio Lower Upper

278 100

139 14.5 12.0 18.0

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.255 ng

RT: 29.642 min Scan# 4540

Delta R.T. 0.082 min

Lab File: BP025020.D

Acq: 20 Jun 2025 16:21

Tgt Ion:276 Resp: 4691921

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 19.5 15.4 23.2

