

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025026.D
 Acq On : 20 Jun 2025 20:28
 Operator : RC/JU
 Sample : Q2355-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3897MSD

Quant Time: Jun 20 22:37:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	341483	20.000	ng	-0.01
21) Naphthalene-d8	10.366	136	1300324	20.000	ng	-0.01
39) Acenaphthene-d10	14.243	164	703621	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1156393	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1265500	20.000	ng	0.00
86) Perylene-d12	24.754	264	1703015	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2598753	127.029	ng	0.00
7) Phenol-d6	6.814	99	2966661	109.601	ng	0.00
23) Nitrobenzene-d5	8.755	82	2083959	77.877	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1281699	131.754	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4499341	86.142	ng	0.00
79) Terphenyl-d14	19.789	244	5488987	77.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.178	88	295658	32.845	ng	# 61
3) Pyridine	3.578	79	712217	32.900	ng	96
4) n-Nitrosodimethylamine	3.484	42	333105	37.637	ng	93
6) Aniline	6.949	93	774440	22.420	ng	100
8) 2-Chlorophenol	7.184	128	1022262	44.079	ng	97
9) Benzaldehyde	6.767	77	394612	25.293	ng	96
10) Phenol	6.843	94	1062888	38.091	ng	97
11) bis(2-Chloroethyl)ether	7.037	93	927919	42.280	ng	98
12) 1,3-Dichlorobenzene	7.490	146	1038120	40.125	ng	96
13) 1,4-Dichlorobenzene	7.637	146	1054913	40.411	ng	99
14) 1,2-Dichlorobenzene	7.949	146	1026860	40.058	ng	99
15) Benzyl Alcohol	7.855	79	811030	39.041	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.114	45	1078599	37.549	ng	97
17) 2-Methylphenol	8.072	107	811655	41.654	ng	98
18) Hexachloroethane	8.655	117	378705	38.533	ng	98
19) n-Nitroso-di-n-propyla...	8.408	70	689541	37.473	ng	98
20) 3+4-Methylphenols	8.396	107	1061183	39.917	ng	96
22) Acetophenone	8.425	105	1427796	43.460	ng	# 98
24) Nitrobenzene	8.802	77	1018934	42.861	ng	95
25) Isophorone	9.319	82	1916730	41.329	ng	98
26) 2-Nitrophenol	9.502	139	555242	47.337	ng	96
27) 2,4-Dimethylphenol	9.578	122	906949	45.179	ng	98
28) bis(2-Chloroethoxy)met...	9.790	93	1192116	43.092	ng	98
29) 2,4-Dichlorophenol	10.055	162	922034	47.869	ng	99
30) 1,2,4-Trichlorobenzene	10.237	180	967558	44.536	ng	98
31) Naphthalene	10.419	128	2950754	44.281	ng	100
32) Benzoic acid	9.796	122	557272	41.080	ng	96
33) 4-Chloroaniline	10.560	127	385044	13.792	ng	98
34) Hexachlorobutadiene	10.696	225	593107	45.296	ng	98
35) Caprolactam	11.372	113	218941	30.879	ng	92
36) 4-Chloro-3-methylphenol	11.707	107	926194	41.689	ng	99
37) 2-Methylnaphthalene	12.043	142	1833734	43.382	ng	99
38) 1-Methylnaphthalene	12.260	142	1916889	42.418	ng	100
40) 1,2,4,5-Tetrachloroben...	12.419	216	1047037	52.442	ng	99
41) Hexachlorocyclopentadiene	12.384	237	1074290	88.218	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	679427	50.672	ng	98

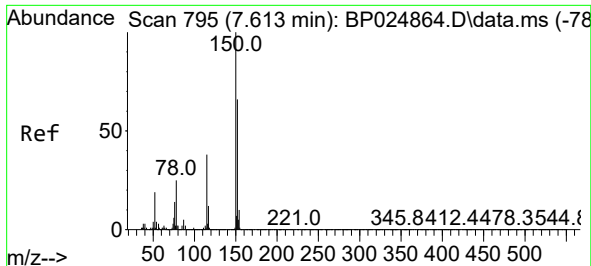
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 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	732995	51.046	ng	98
46) 1,1'-Biphenyl	13.066	154	2513740	49.160	ng	99
47) 2-Chloronaphthalene	13.113	162	1948927	49.590	ng	99
48) 2-Nitroaniline	13.343	65	522215	43.221	ng	90
49) Acenaphthylene	13.966	152	3050146	46.547	ng	99
50) Dimethylphthalate	13.707	163	2411965	46.469	ng	99
51) 2,6-Dinitrotoluene	13.837	165	5044403	45.078	ng	97
52) Acenaphthene	14.313	154	1785161	47.541	ng	99
53) 3-Nitroaniline	14.184	138	303780	26.161	ng	97
54) 2,4-Dinitrophenol	14.413	184	599288	82.093	ng	95
55) Dibenzofuran	14.660	168	2713146	45.013	ng	99
56) 4-Nitrophenol	14.560	139	568685	59.346	ng	98
57) 2,4-Dinitrotoluene	14.654	165	669536	42.775	ng #	94
58) Fluorene	15.319	166	2152758	44.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	594923	46.370	ng	95
60) Diethylphthalate	15.095	149	2178035	42.105	ng	98
61) 4-Chlorophenyl-phenyle...	15.313	204	1078935	45.319	ng	96
62) 4-Nitroaniline	15.372	138	420994	39.985	ng	91
63) Azobenzene	15.613	77	1951082	41.125	ng	95
65) 4,6-Dinitro-2-methylph...	15.443	198	369295	48.601	ng	95
66) n-Nitrosodiphenylamine	15.537	169	1801821	50.270	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	693317	53.136	ng	99
68) Hexachlorobenzene	16.354	284	823668	52.072	ng	95
69) Atrazine	16.525	200	560686	43.151	ng	99
70) Pentachlorophenol	16.725	266	989023	120.811	ng	98
71) Phenanthrene	17.107	178	3009669	47.097	ng	99
72) Anthracene	17.201	178	3085692	47.678	ng	100
73) Carbazole	17.489	167	2776115	46.277	ng	99
74) Di-n-butylphthalate	18.066	149	3333988	44.857	ng	99
75) Fluoranthene	19.195	202	3372097	45.527	ng	99
77) Benzidine	19.407	184	1512855	38.599	ng	99
78) Pyrene	19.566	202	3480190	44.019	ng	99
80) Butylbenzylphthalate	20.519	149	1588339	43.859	ng	94
81) Benzo(a)anthracene	21.466	228	3841779	47.465	ng	99
82) 3,3'-Dichlorobenzidine	21.401	252	1115985	34.730	ng	99
83) Chrysene	21.542	228	3722456	48.538	ng	100
84) Bis(2-ethylhexyl)phtha...	21.395	149	2367492	45.629	ng	98
85) Di-n-octyl phthalate	22.630	149	4309960	47.127	ng	98
87) Indeno(1,2,3-cd)pyrene	28.489	276	6269775	50.459	ng	99
88) Benzo(b)fluoranthene	23.719	252	4543677	46.619	ng	99
89) Benzo(k)fluoranthene	23.801	252	4580169	46.167	ng	100
90) Benzo(a)pyrene	24.613	252	4519783	47.486	ng	99
91) Dibenzo(a,h)anthracene	28.530	278	5156582	50.984	ng	99
92) Benzo(g,h,i)perylene	29.636	276	5039141	50.215	ng	100

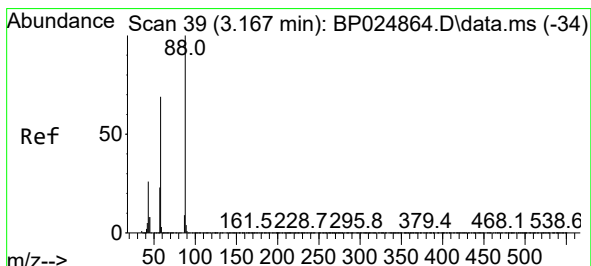
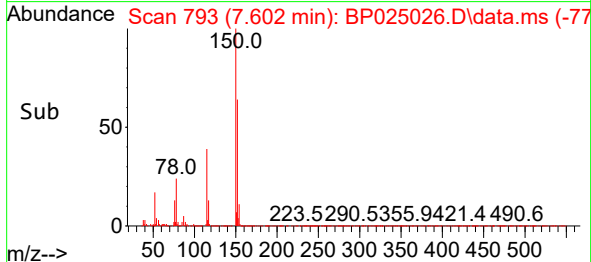
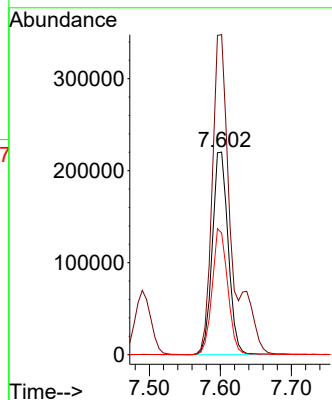
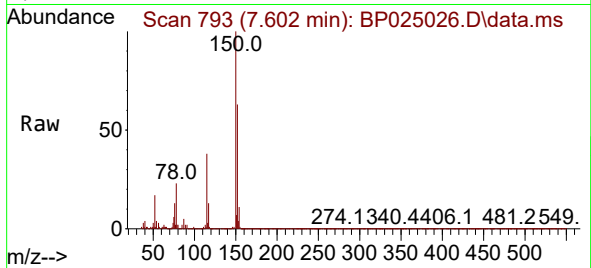
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP025026.D
 Acq: 20 Jun 2025 20:28

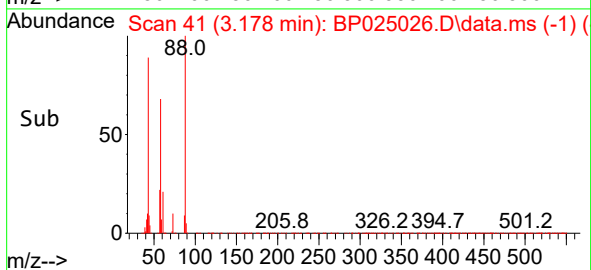
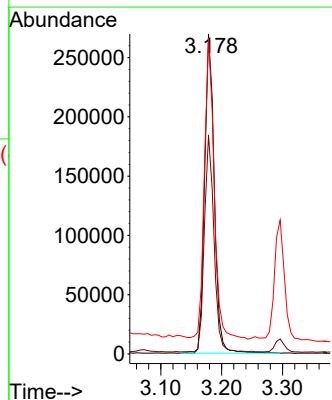
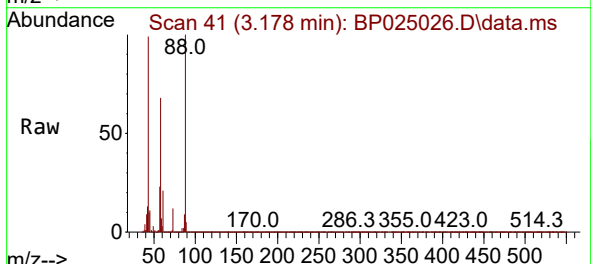
Instrument :
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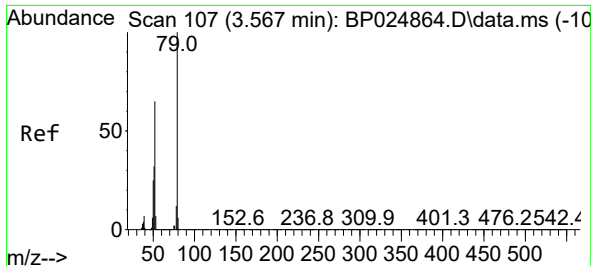
Tgt Ion:152 Resp: 341483
 Ion Ratio Lower Upper
 152 100
 150 158.0 122.1 183.1
 115 60.1 46.4 69.6



#2
 1,4-Dioxane
 Concen: 32.845 ng
 RT: 3.178 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BP025026.D
 Acq: 20 Jun 2025 20:28

Tgt Ion: 88 Resp: 295658
 Ion Ratio Lower Upper
 88 100
 58 67.0 55.4 83.0
 43 95.9 20.8 31.2#



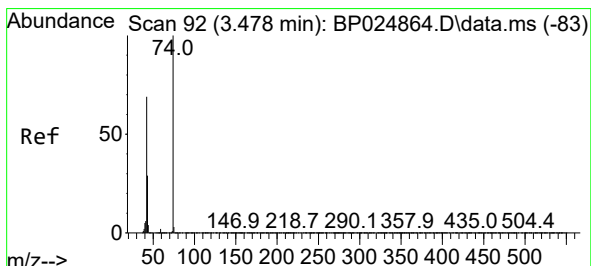
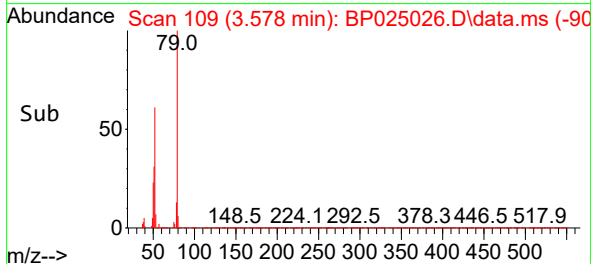
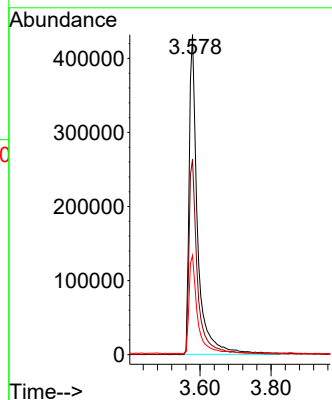
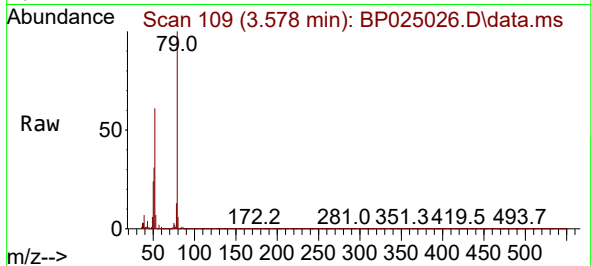


#3
 Pyridine
 Concen: 32.900 ng
 RT: 3.578 min Scan# 107
 Delta R.T. 0.012 min
 Lab File: BP025026.D
 Acq: 20 Jun 2025 20:28

Instrument :
 BNA_P
 ClientSampleId :
 3897MSD

Tgt Ion: 79 Resp: 712217

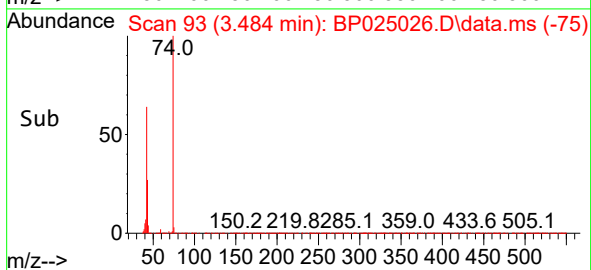
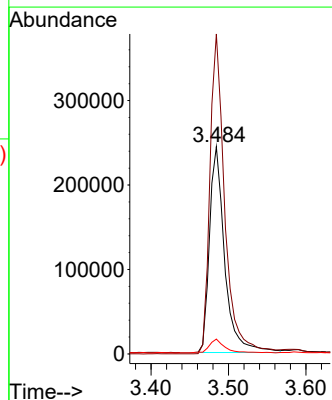
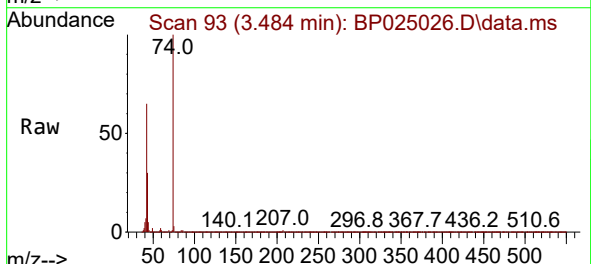
Ion	Ratio	Lower	Upper
79	100		
52	61.0	51.6	77.4
51	31.0	25.5	38.3

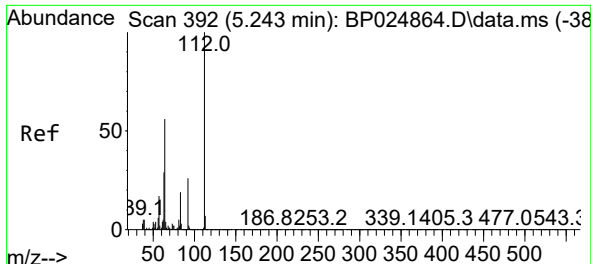


#4
 n-Nitrosodimethylamine
 Concen: 37.637 ng
 RT: 3.484 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: BP025026.D
 Acq: 20 Jun 2025 20:28

Tgt Ion: 42 Resp: 333105

Ion	Ratio	Lower	Upper
42	100		
74	154.4	116.6	174.8
44	7.2	5.4	8.0

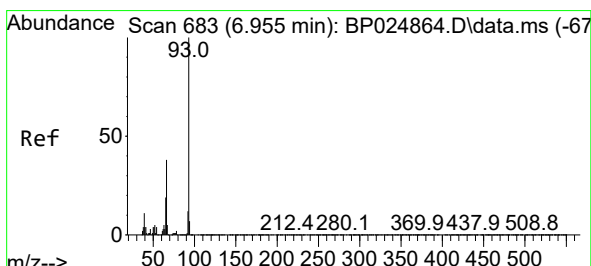
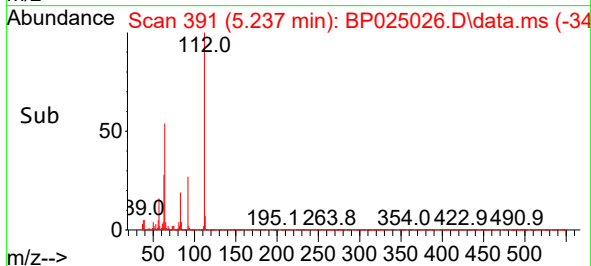
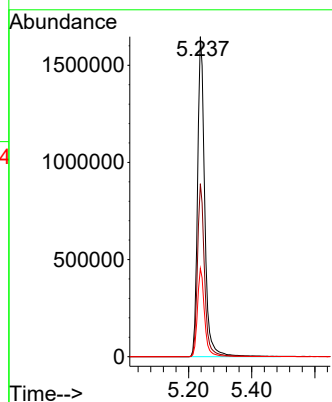
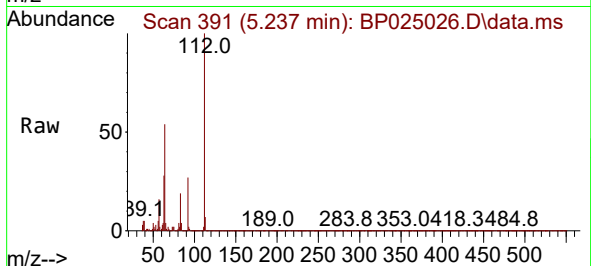




#5
2-Fluorophenol
Concen: 127.029 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

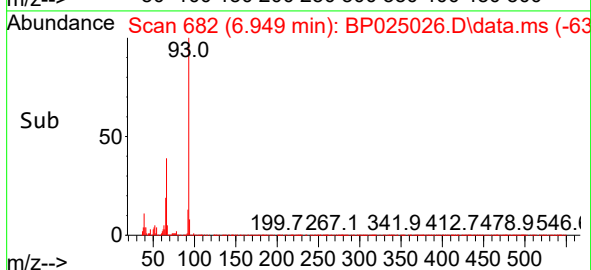
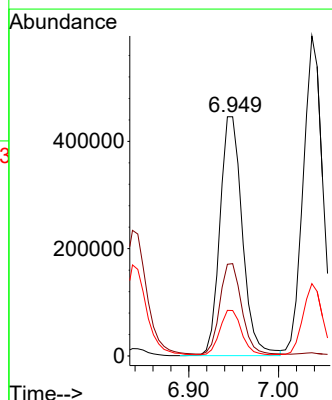
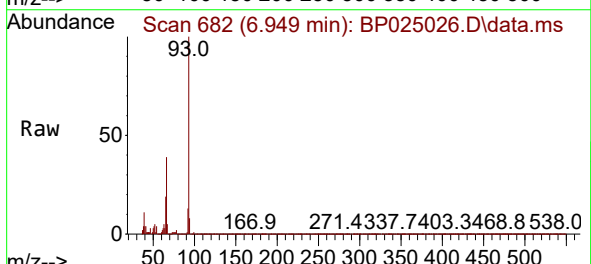
Instrument :
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ClientSampleId :
3897MSD

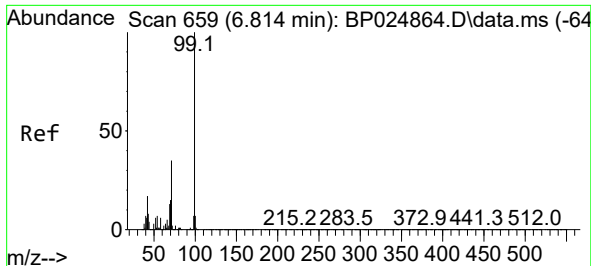
Tgt Ion:112 Resp: 2598753
Ion Ratio Lower Upper
112 100
64 54.0 44.7 67.1
63 27.6 23.5 35.3



#6
Aniline
Concen: 22.420 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 93 Resp: 774440
Ion Ratio Lower Upper
93 100
66 38.6 30.9 46.3
65 19.0 15.5 23.3

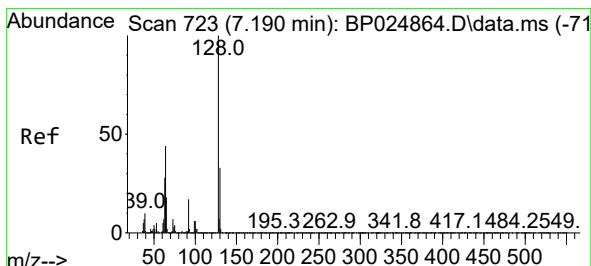
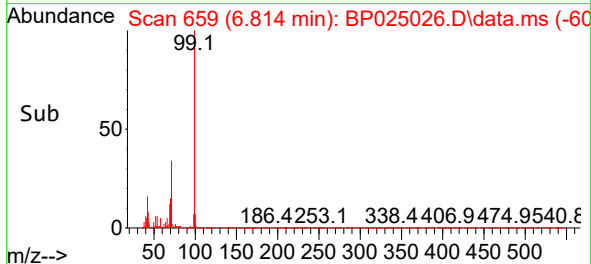
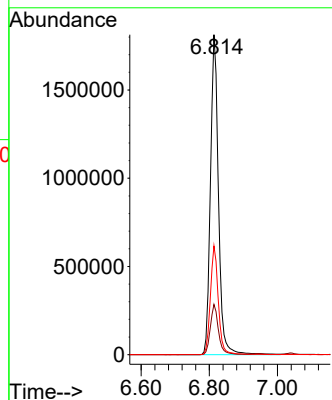
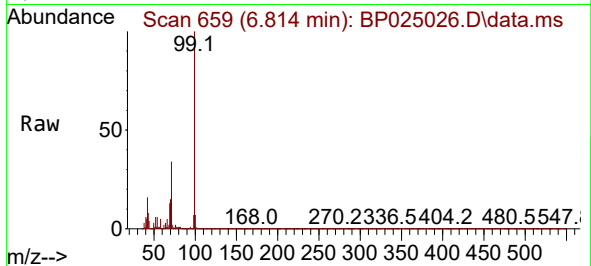




#7
Phenol-d6
Concen: 109.601 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

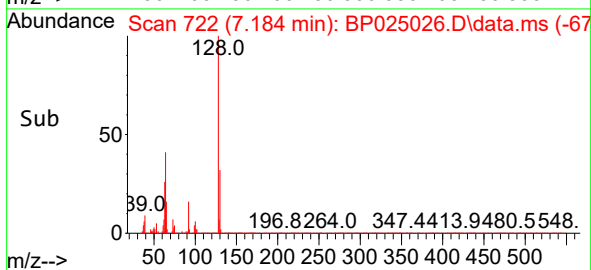
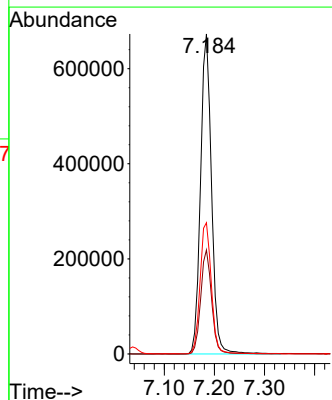
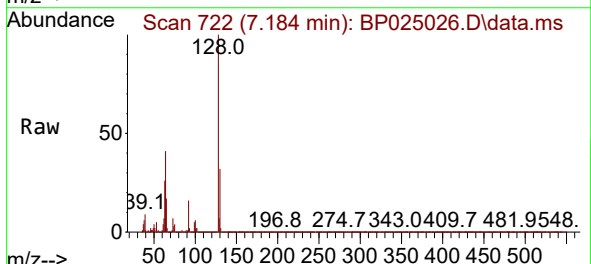
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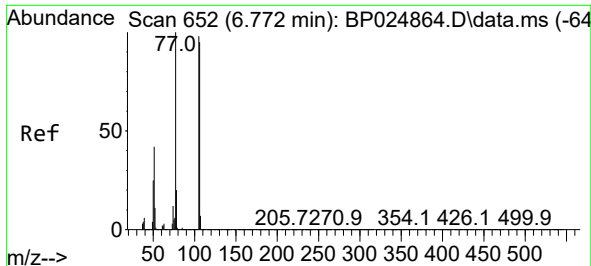
Tgt Ion: 99 Resp: 2966661
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 34.0 27.6 41.4



#8
2-Chlorophenol
Concen: 44.079 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 128 Resp: 1022262
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 41.0 24.1 64.1

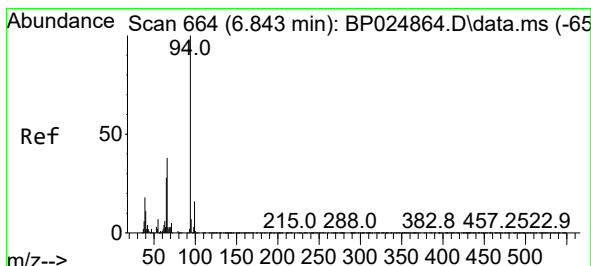
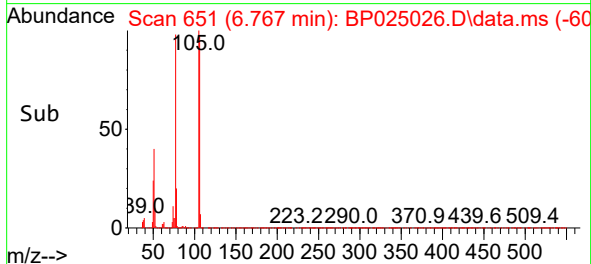
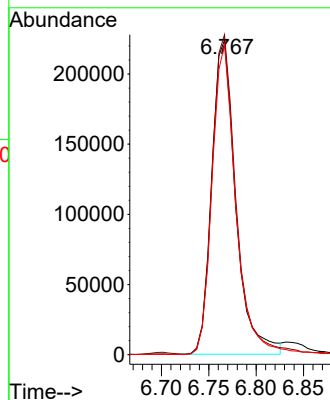
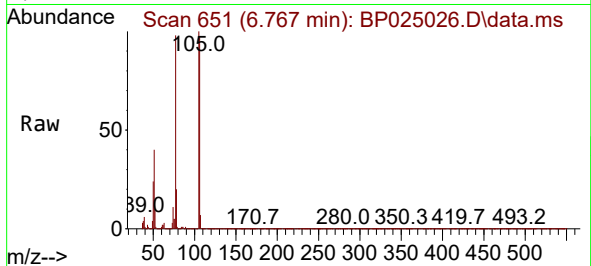




#9
Benzaldehyde
Concen: 25.293 ng
RT: 6.767 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

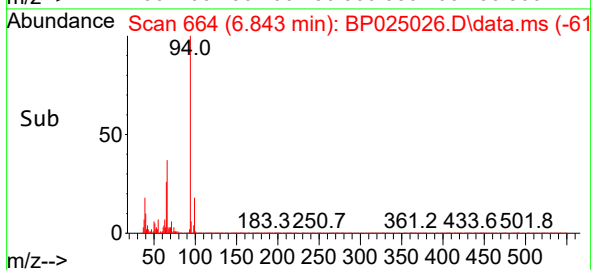
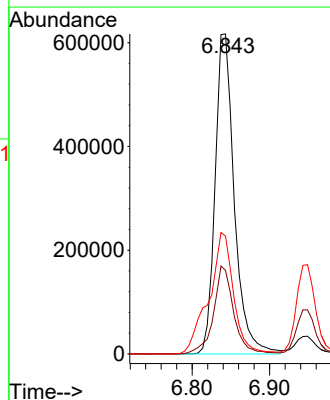
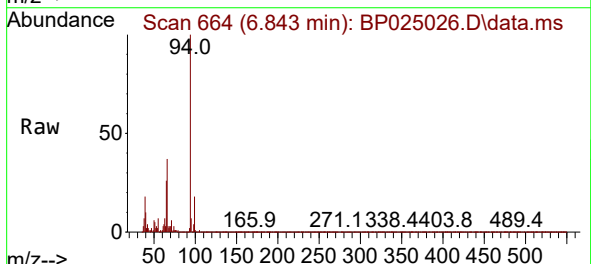
Instrument :
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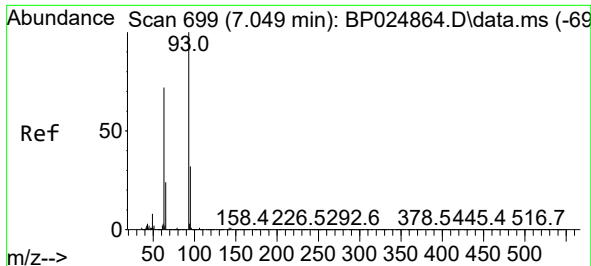
Tgt Ion: 77 Resp: 394612
Ion Ratio Lower Upper
77 100
105 101.7 77.7 117.7
106 98.5 74.8 114.8



#10
Phenol
Concen: 38.091 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 94 Resp: 1062888
Ion Ratio Lower Upper
94 100
65 26.2 8.3 48.3
66 36.9 18.2 58.2

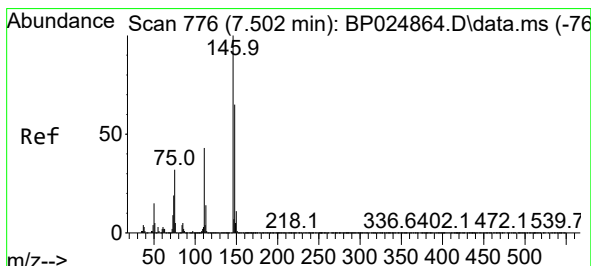
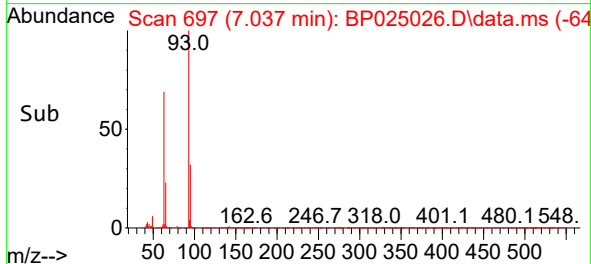
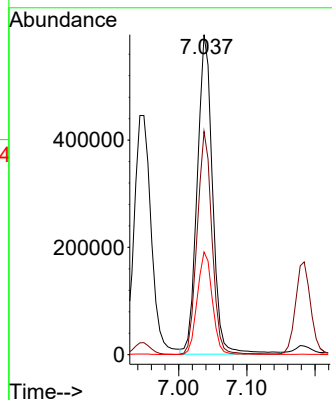
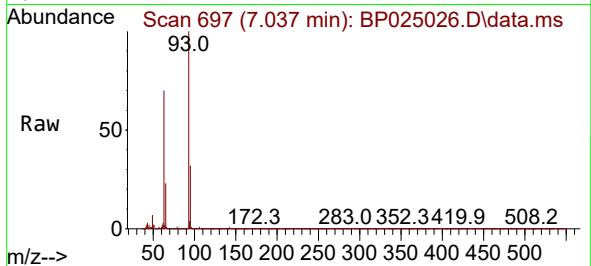




#11
bis(2-Chloroethyl)ether
Concen: 42.280 ng
RT: 7.037 min Scan# 697
Delta R.T. -0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

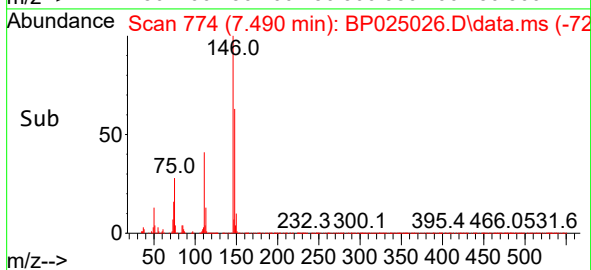
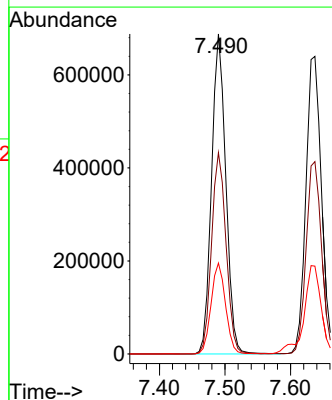
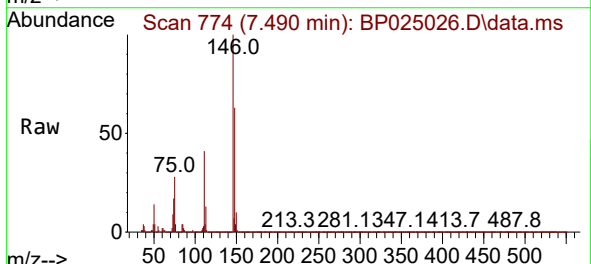
Instrument :
BNA_P
ClientSampleId :
3897MSD

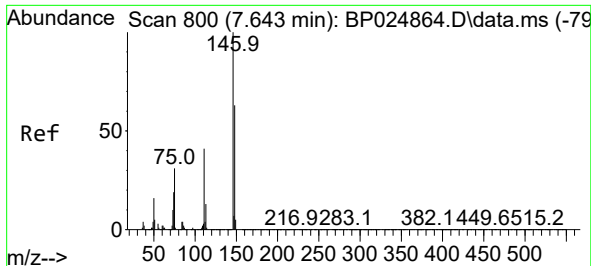
Tgt Ion: 93 Resp: 927919
Ion Ratio Lower Upper
93 100
63 69.8 51.6 91.6
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.125 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:146 Resp: 1038120
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 28.4 25.3 37.9

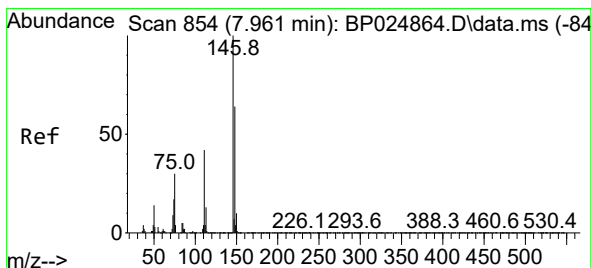
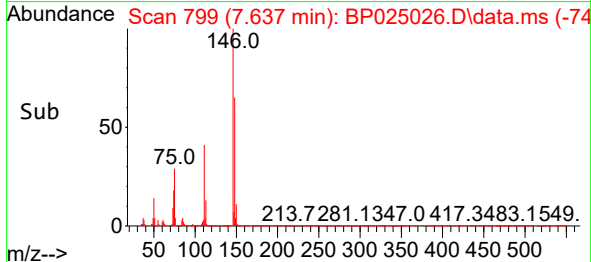
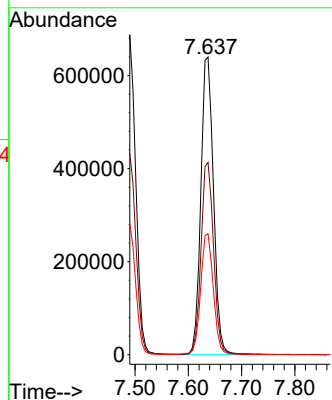
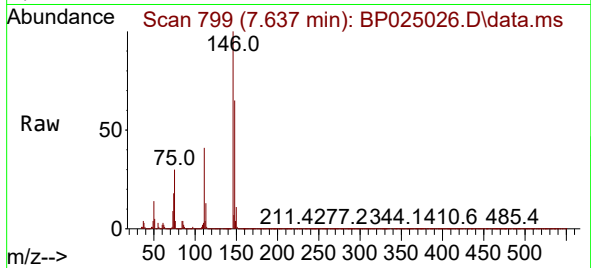




#13
1,4-Dichlorobenzene
Concen: 40.411 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

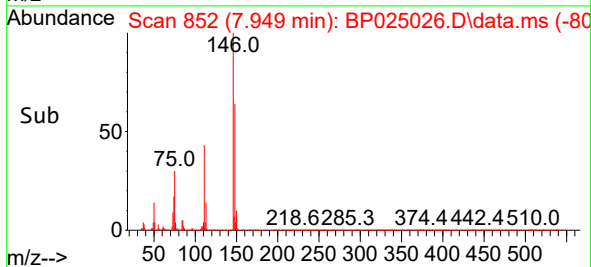
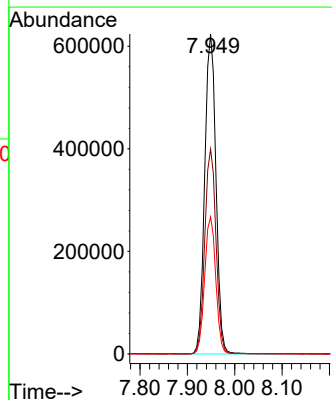
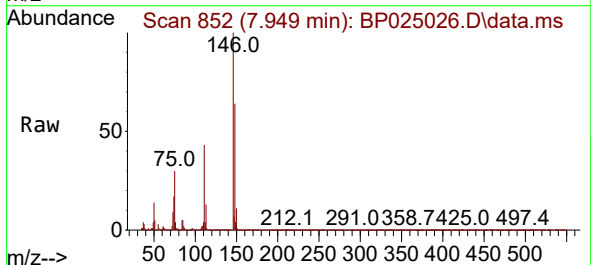
Instrument :
BNA_P
ClientSampleId :
3897MSD

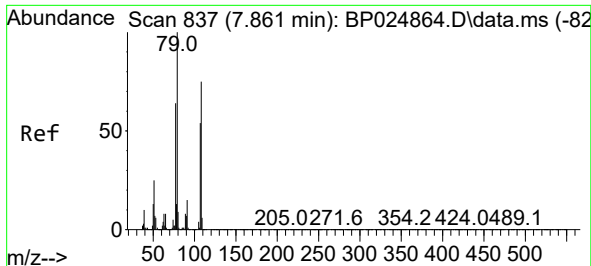
Tgt Ion:146 Resp: 1054913
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
111 40.6 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 40.058 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:146 Resp: 1026860
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 42.9 33.8 50.8

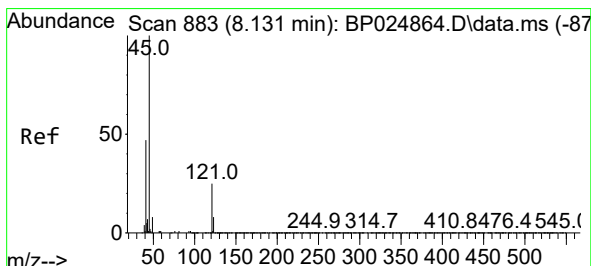
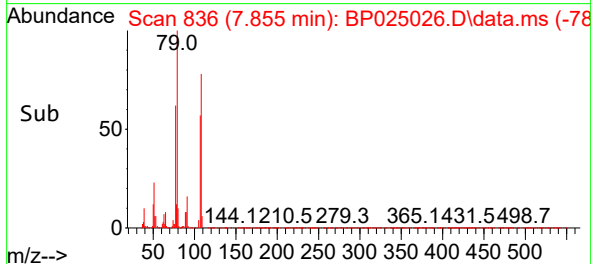
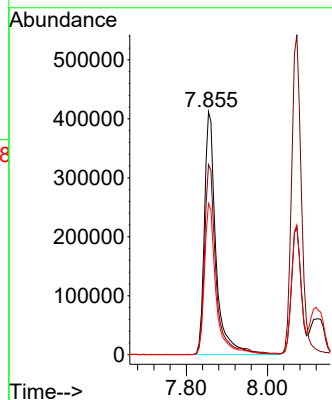
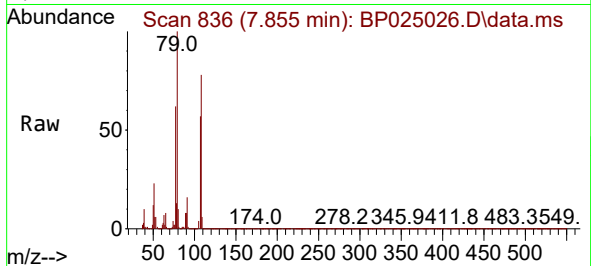




#15
Benzyl Alcohol
Concen: 39.041 ng
RT: 7.855 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

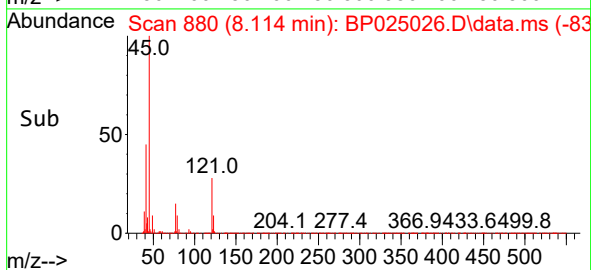
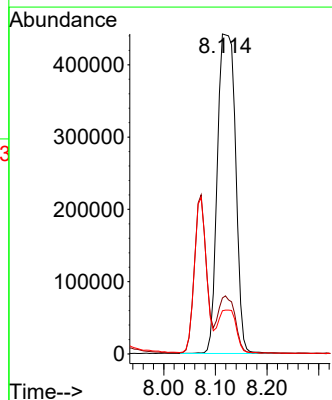
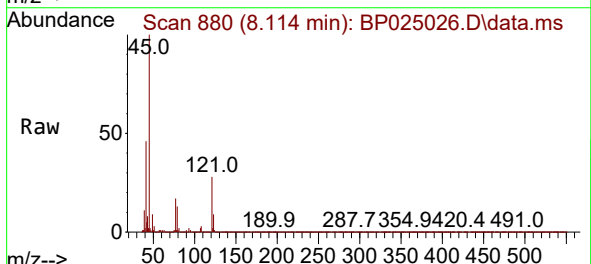
Instrument :
BNA_P
ClientSampleId :
3897MSD

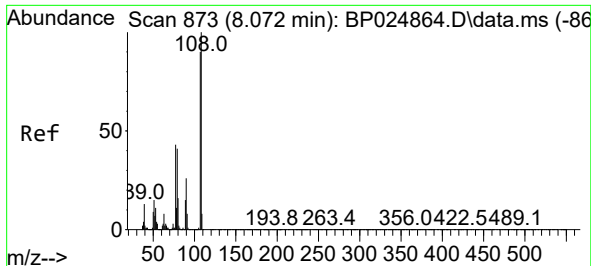
Tgt Ion: 79 Resp: 811030
Ion Ratio Lower Upper
79 100
108 78.3 60.2 90.4
77 62.3 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.549 ng
RT: 8.114 min Scan# 880
Delta R.T. -0.018 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 45 Resp: 1078599
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.3
79 13.5 0.0 32.2

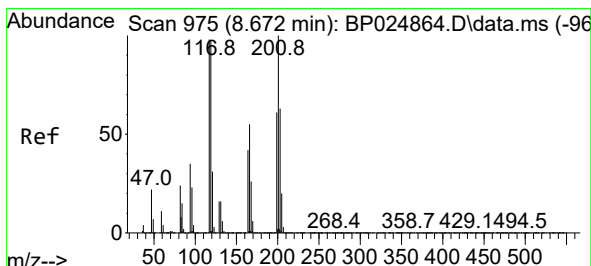
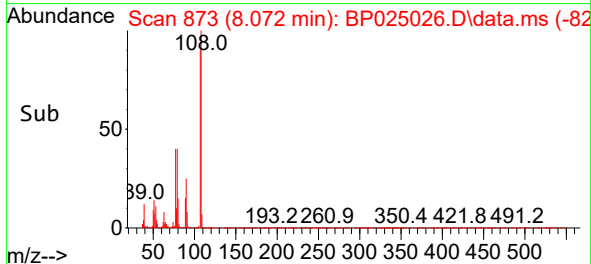
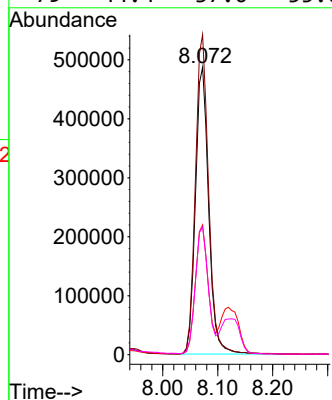
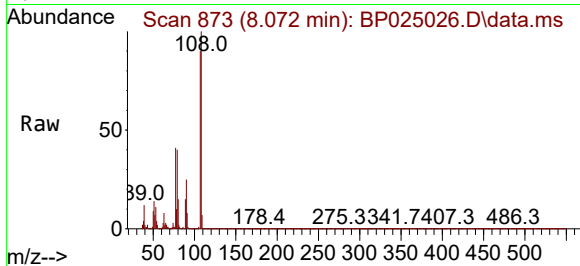




#17
2-Methylphenol
Concen: 41.654 ng
RT: 8.072 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

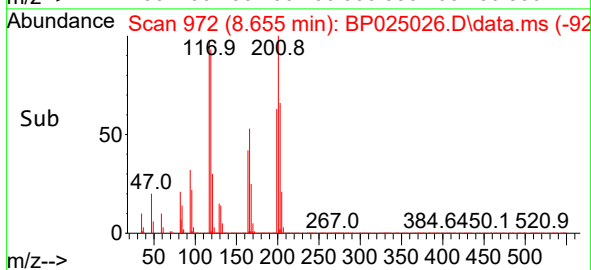
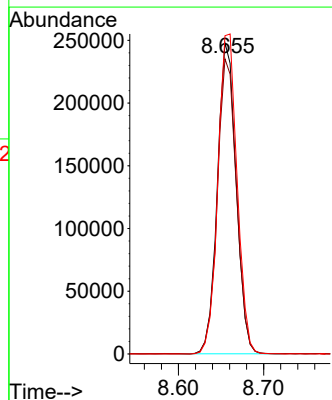
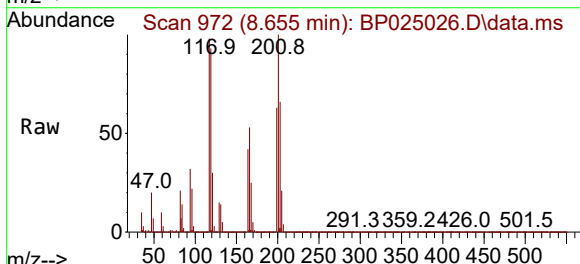
Instrument :
BNA_P
ClientSampleId :
3897MSD

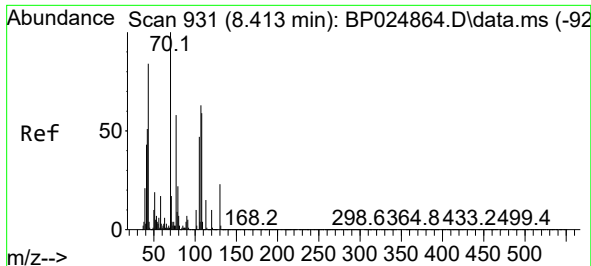
Tgt Ion:	107	Resp:	811655
Ion	Ratio	Lower	Upper
107	100		
108	111.4	88.6	132.8
77	45.2	38.5	57.7
79	44.4	37.0	55.6



#18
Hexachloroethane
Concen: 38.533 ng
RT: 8.655 min Scan# 972
Delta R.T. -0.018 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:	117	Resp:	378705
Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.4	119.2
201	102.3	81.4	122.2



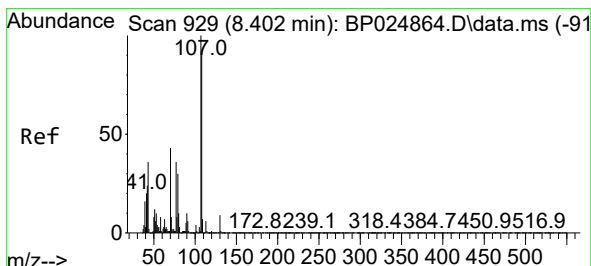
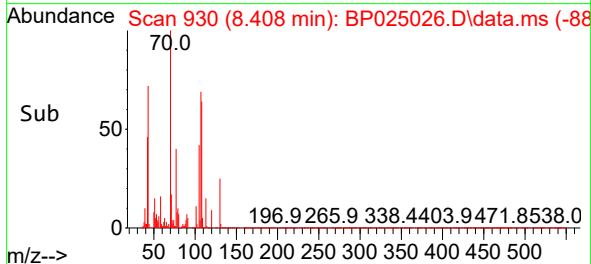
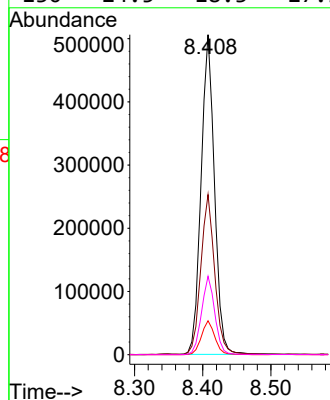
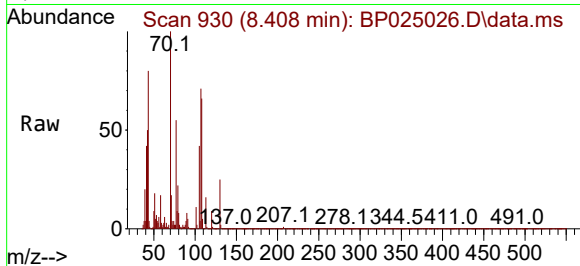


#19
n-Nitroso-di-n-propylamine
Concen: 37.473 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Instrument :
BNA_P
ClientSampleId :
3897MSD

Tgt Ion: 70 Resp: 689541

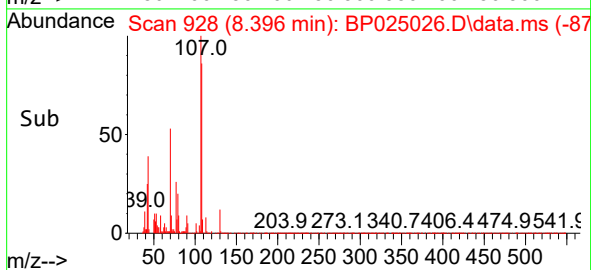
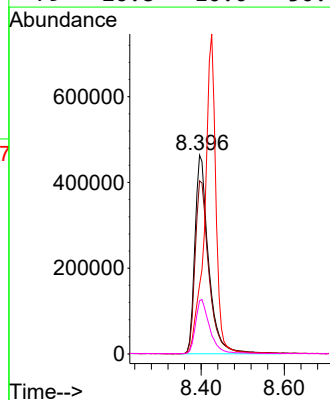
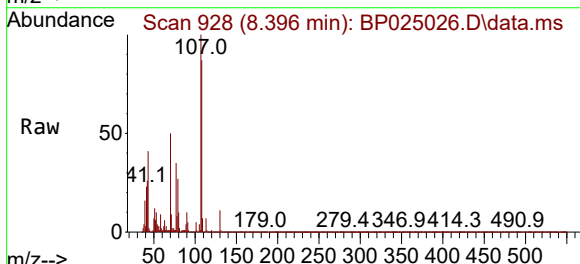
Ion	Ratio	Lower	Upper
70	100		
42	50.1	41.2	61.8
101	10.6	8.3	12.5
130	24.5	18.3	27.5

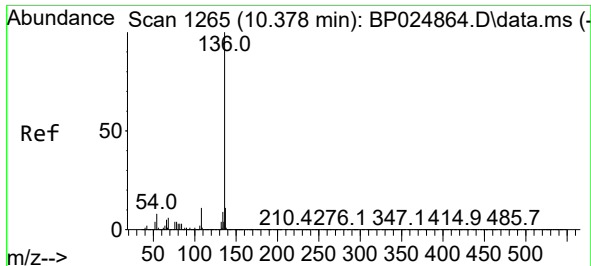


#20
3+4-Methylphenols
Concen: 39.917 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 107 Resp: 1061183

Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.7	110.7
77	34.7	16.6	56.6
79	26.8	10.0	50.0

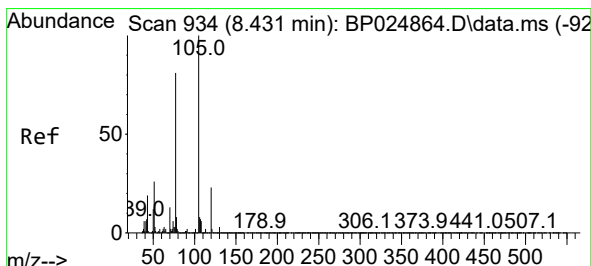
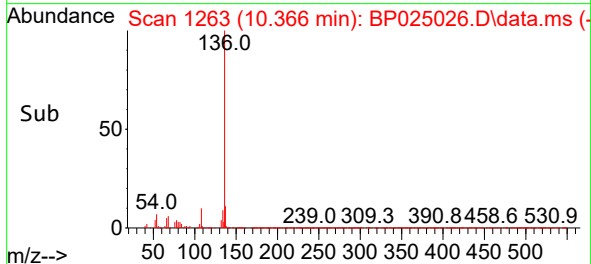
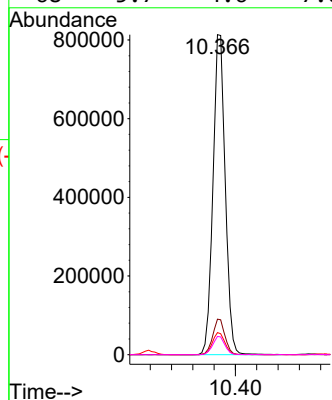
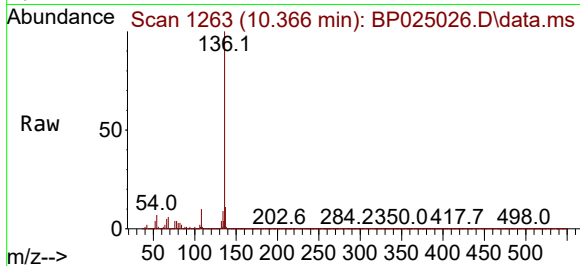




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.366 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

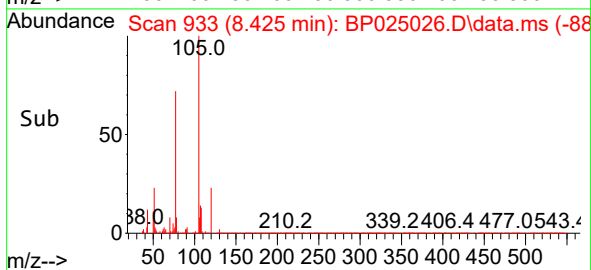
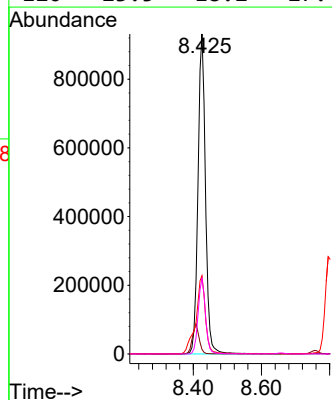
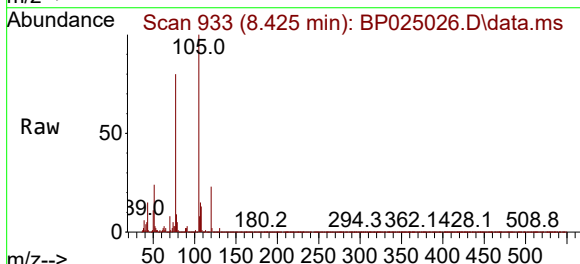
Instrument :
BNA_P
ClientSampleId :
3897MSD

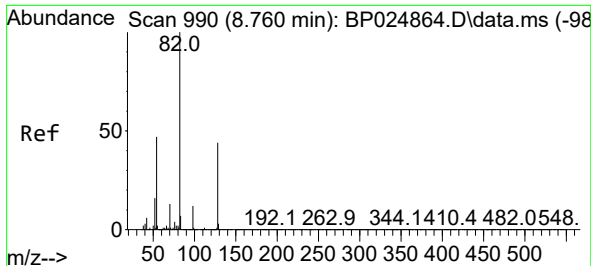
Tgt Ion:136 Resp: 1300324
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.9 6.1 9.1
68 5.7 4.6 7.0



#22
Acetophenone
Concen: 43.460 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:105 Resp: 1427796
Ion Ratio Lower Upper
105 100
71 1.4 1.6 2.4#
51 24.5 20.6 31.0
120 23.5 18.2 27.4

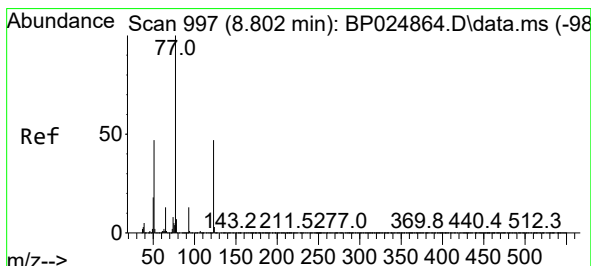
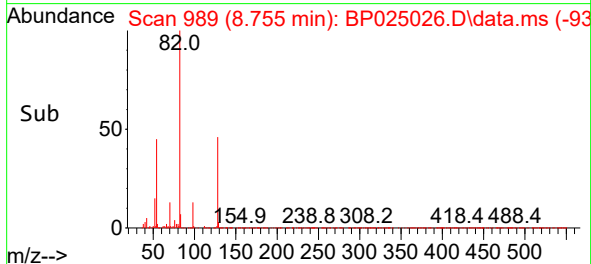
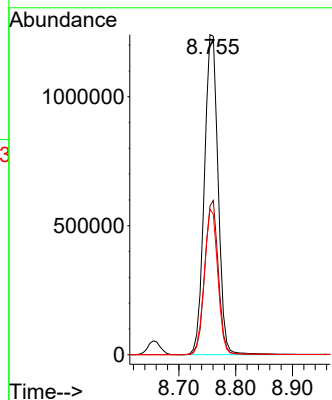
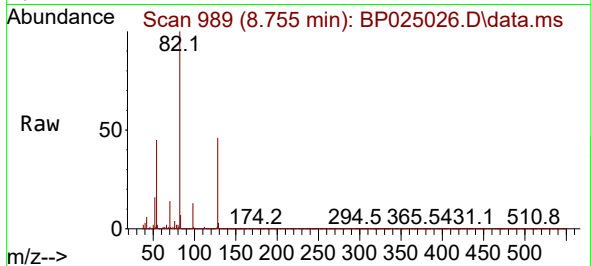




#23
Nitrobenzene-d5
Concen: 77.877 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

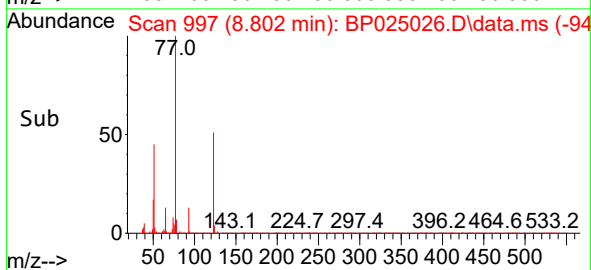
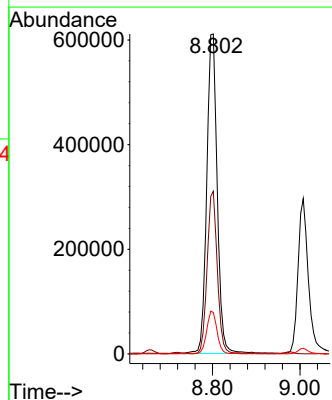
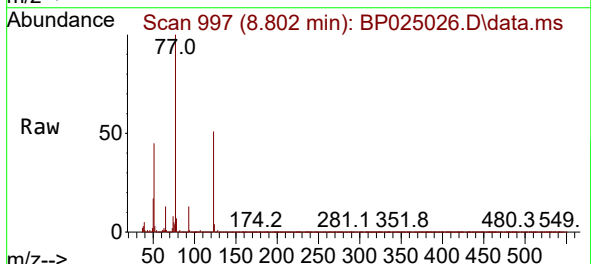
Instrument :
BNA_P
ClientSampleId :
3897MSD

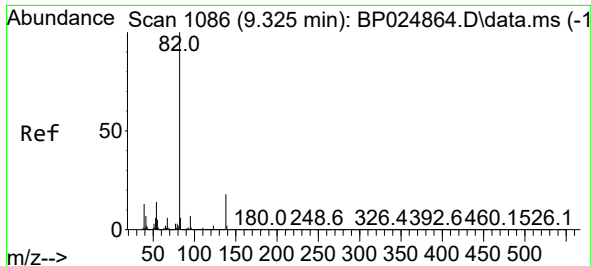
Tgt Ion: 82 Resp: 2083959
Ion Ratio Lower Upper
82 100
128 46.4 35.3 52.9
54 45.4 37.4 56.0



#24
Nitrobenzene
Concen: 42.861 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 77 Resp: 1018934
Ion Ratio Lower Upper
77 100
123 50.8 37.3 55.9
65 13.0 10.8 16.2

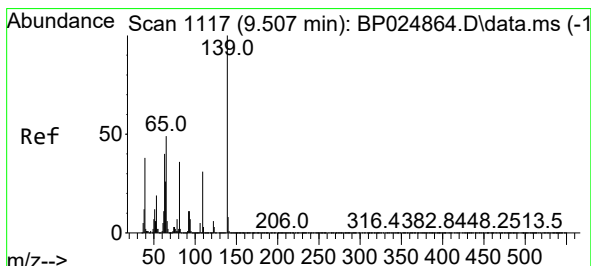
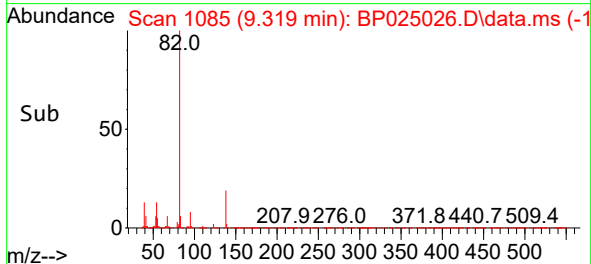
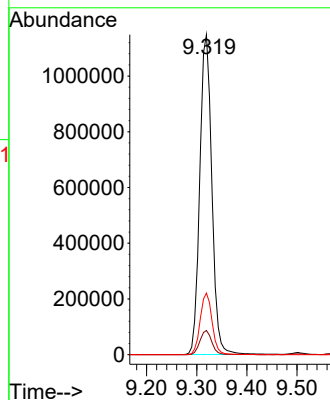
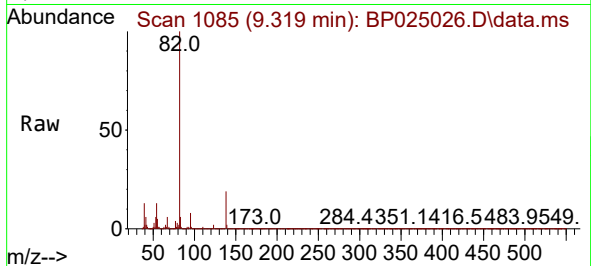




#25
Isophorone
Concen: 41.329 ng
RT: 9.319 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

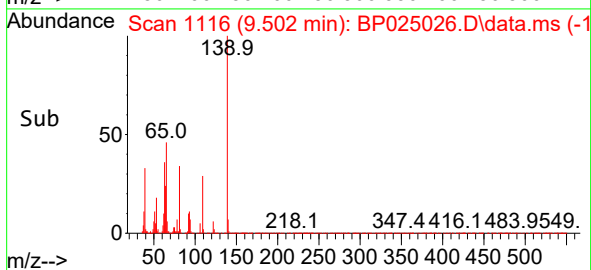
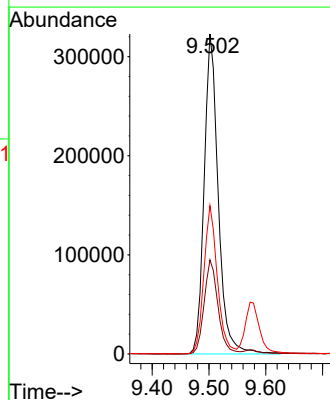
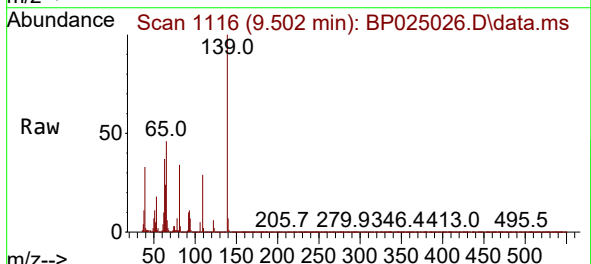
Instrument :
BNA_P
ClientSampleId :
3897MSD

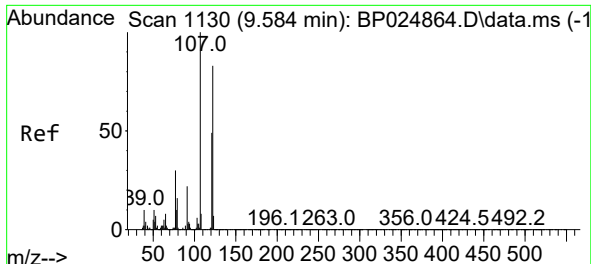
Tgt Ion: 82 Resp: 1916730
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 19.2 14.6 21.8



#26
2-Nitrophenol
Concen: 47.337 ng
RT: 9.502 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:139 Resp: 555242
Ion Ratio Lower Upper
139 100
109 29.4 24.6 37.0
65 46.4 39.5 59.3

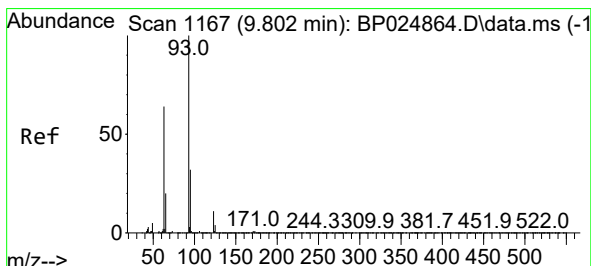
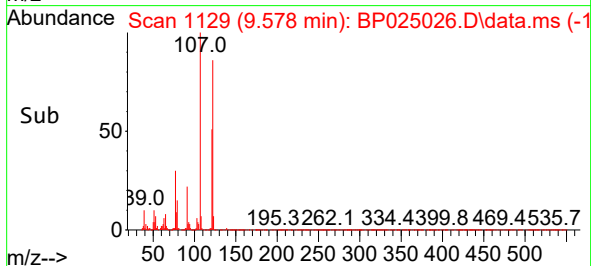
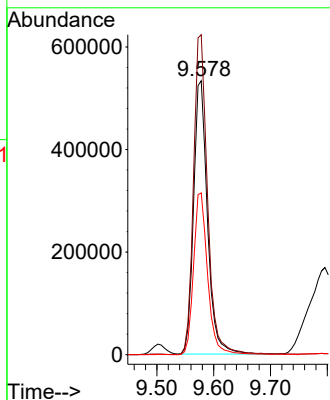
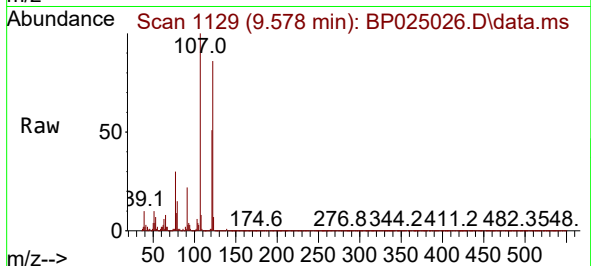




#27
2,4-Dimethylphenol
Concen: 45.179 ng
RT: 9.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

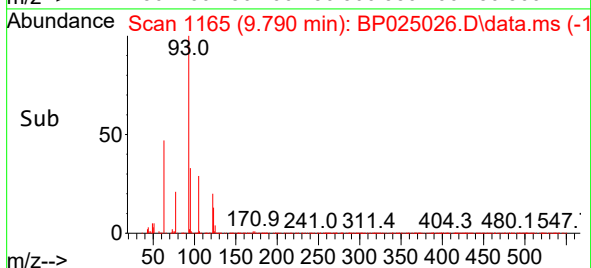
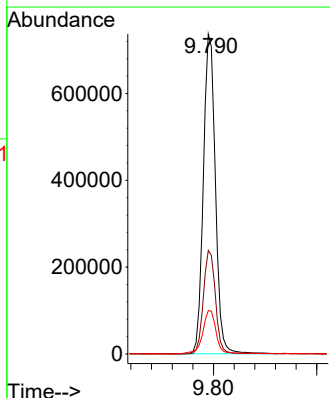
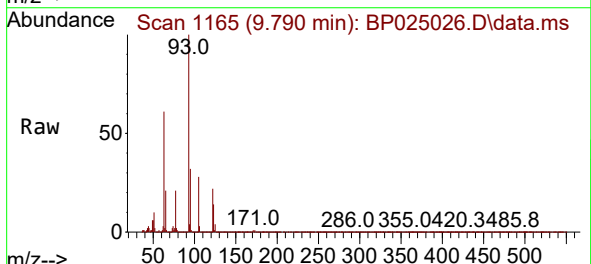
Instrument :
BNA_P
ClientSampleId :
3897MSD

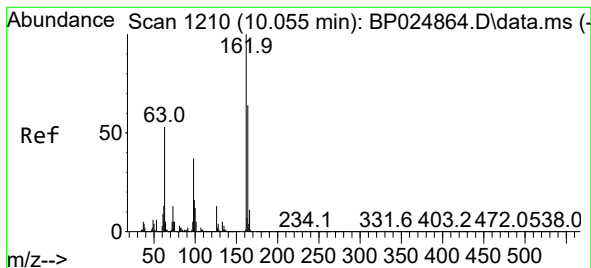
Tgt Ion:122 Resp: 906949
Ion Ratio Lower Upper
122 100
107 116.8 96.2 144.4
121 59.1 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.092 ng
RT: 9.790 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 93 Resp: 1192116
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 13.5 9.2 13.8

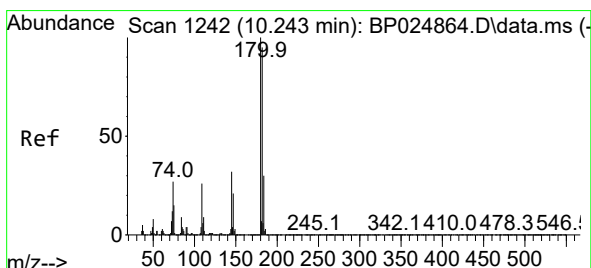
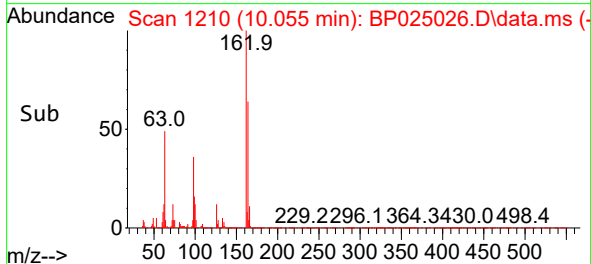
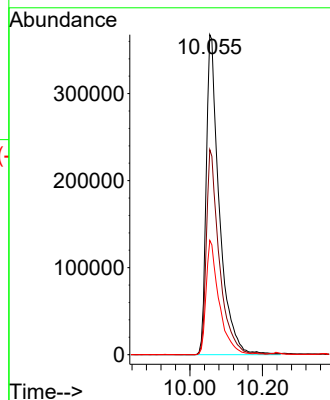
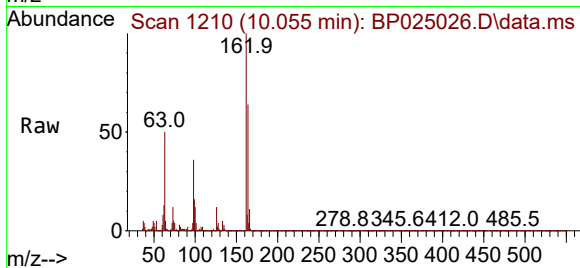




#29
2,4-Dichlorophenol
Concen: 47.869 ng
RT: 10.055 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

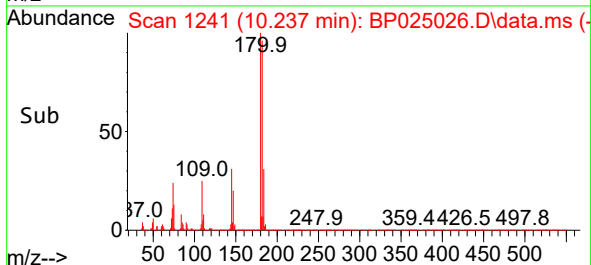
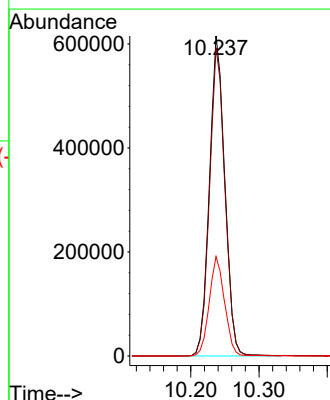
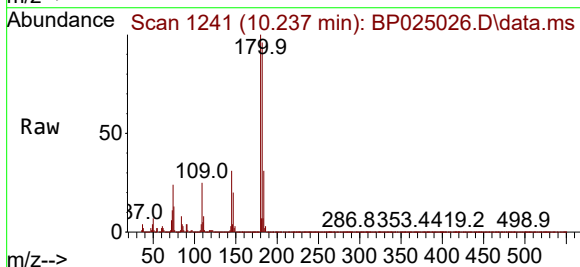
Instrument :
BNA_P
ClientSampleId :
3897MSD

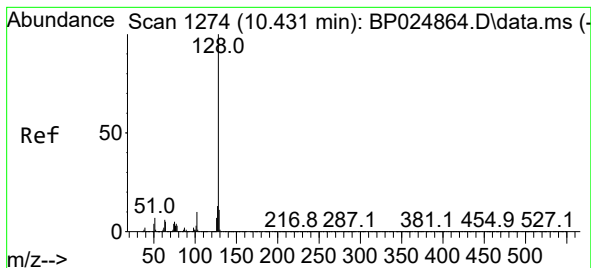
Tgt Ion:162 Resp: 922034
Ion Ratio Lower Upper
162 100
164 64.1 44.0 84.0
98 35.7 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 44.536 ng
RT: 10.237 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:180 Resp: 967558
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.6
145 31.1 25.7 38.5

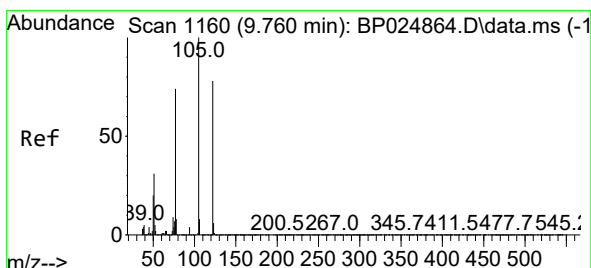
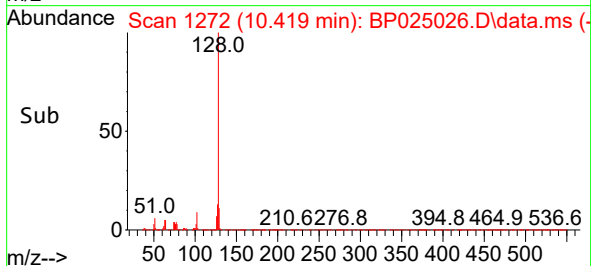
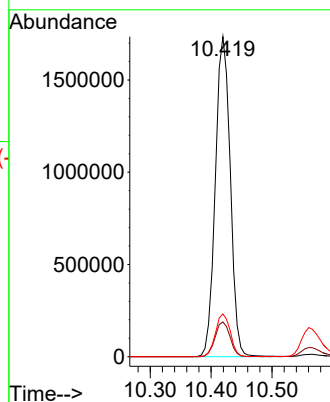
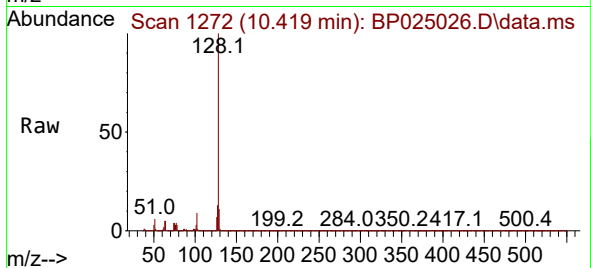




#31
Naphthalene
Concen: 44.281 ng
RT: 10.419 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

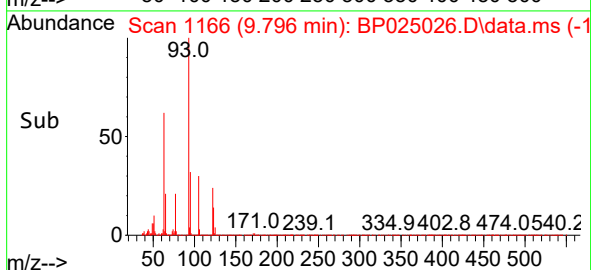
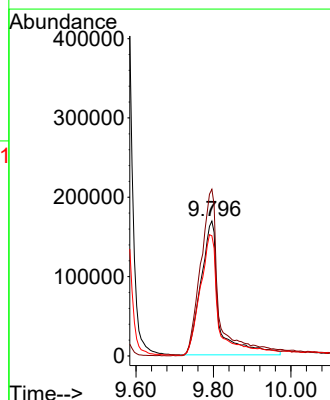
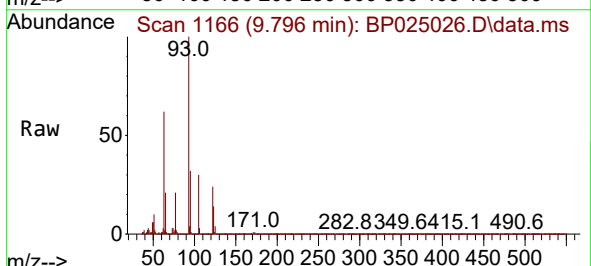
Instrument :
BNA_P
ClientSampleId :
3897MSD

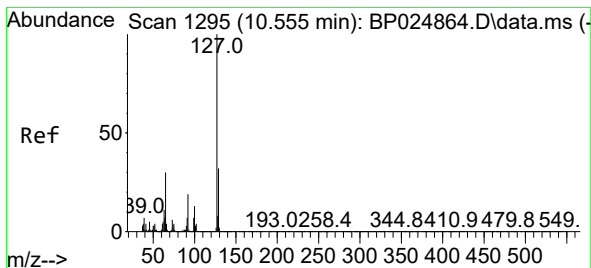
Tgt Ion:128 Resp: 2950754
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 41.080 ng
RT: 9.796 min Scan# 1166
Delta R.T. 0.035 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:122 Resp: 557272
Ion Ratio Lower Upper
122 100
105 123.6 107.1 147.1
77 89.1 75.1 115.1





#33

4-Chloroaniline

Concen: 13.792 ng

RT: 10.560 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

Tgt Ion:127 Resp: 385044

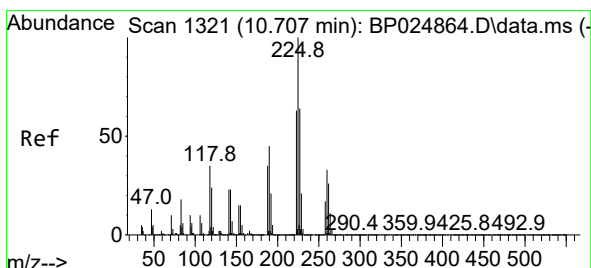
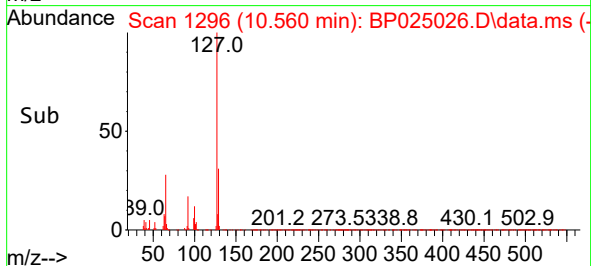
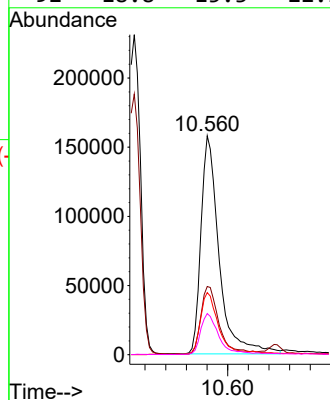
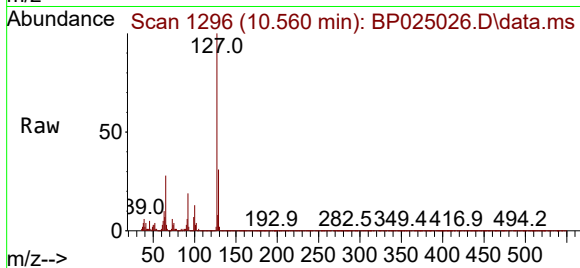
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 28.4 23.9 35.9

92 18.8 15.3 22.9



#34

Hexachlorobutadiene

Concen: 45.296 ng

RT: 10.696 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

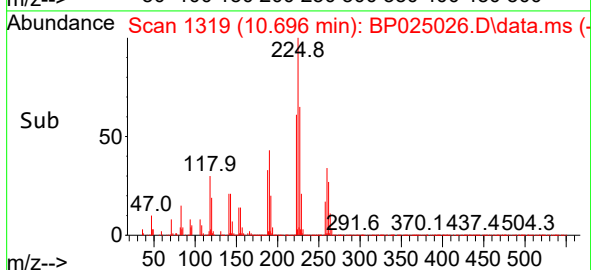
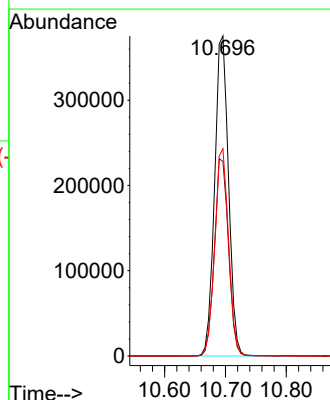
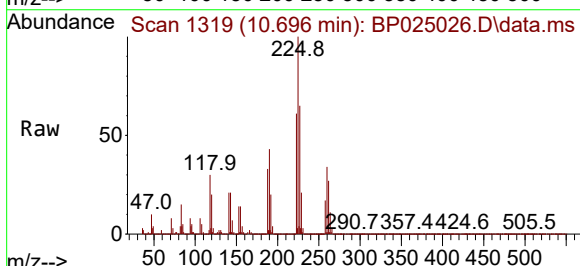
Tgt Ion:225 Resp: 593107

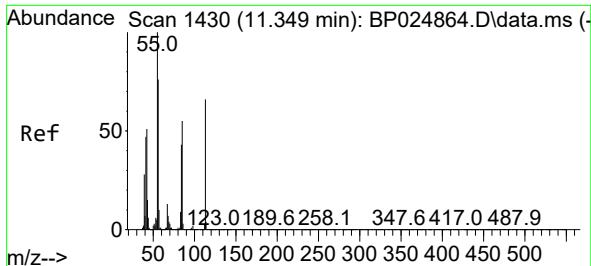
Ion Ratio Lower Upper

225 100

223 60.8 50.5 75.7

227 64.8 51.4 77.2

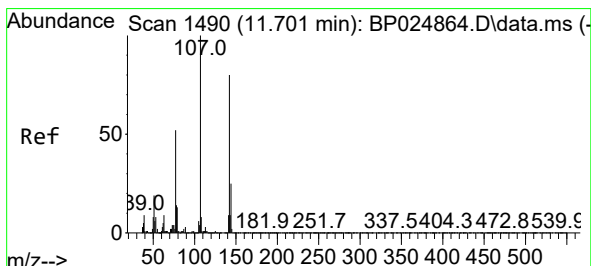
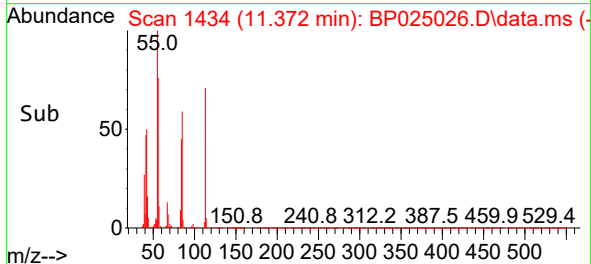
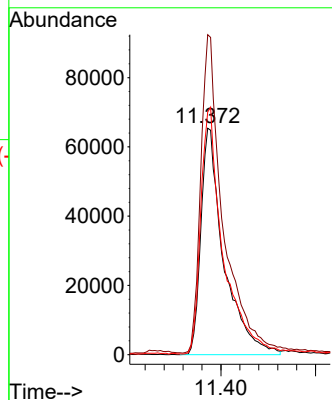
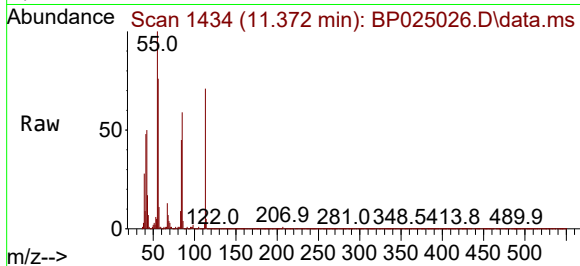




#35
 Caprolactam
 Concen: 30.879 ng
 RT: 11.372 min Scan# 1434
 Delta R.T. 0.024 min
 Lab File: BP025026.D
 Acq: 20 Jun 2025 20:28

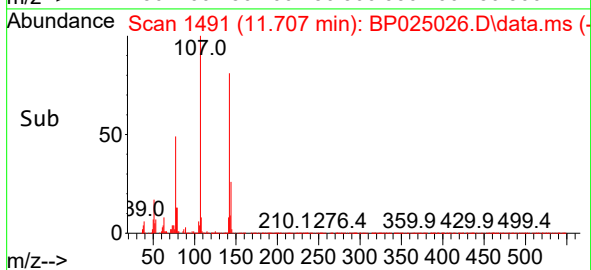
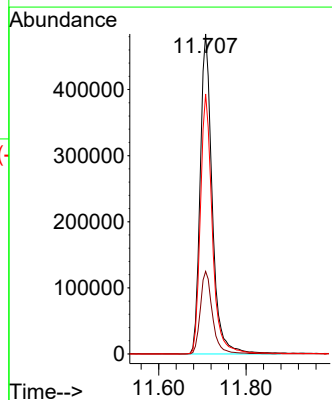
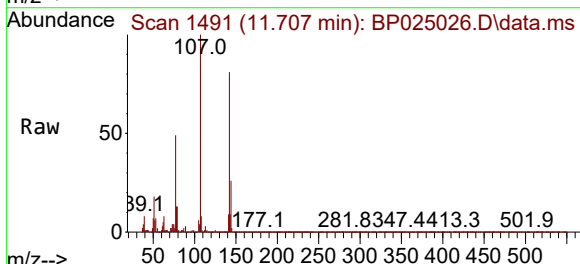
Instrument :
 BNA_P
 ClientSampleId :
 3897MSD

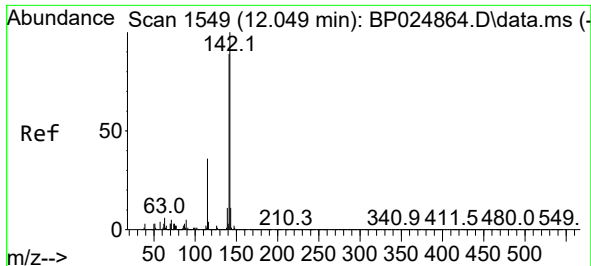
Tgt Ion:113 Resp: 218941
 Ion Ratio Lower Upper
 113 100
 55 141.3 132.5 172.5
 56 107.2 96.0 136.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.689 ng
 RT: 11.707 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: BP025026.D
 Acq: 20 Jun 2025 20:28

Tgt Ion:107 Resp: 926194
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 81.3 63.8 95.6

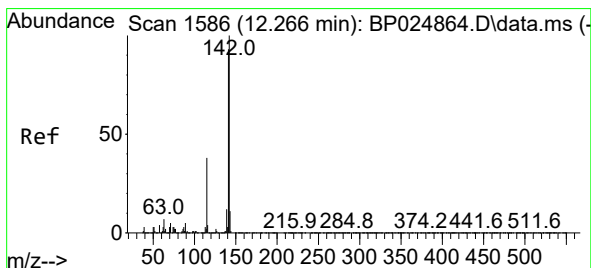
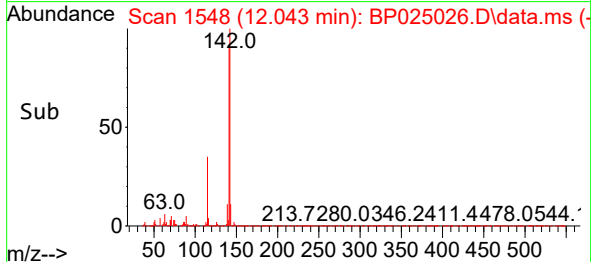
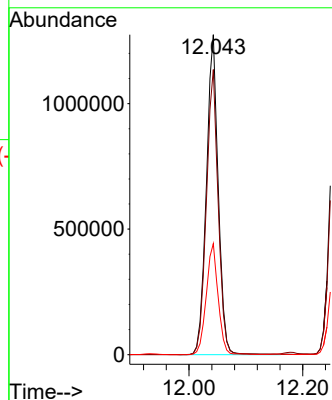
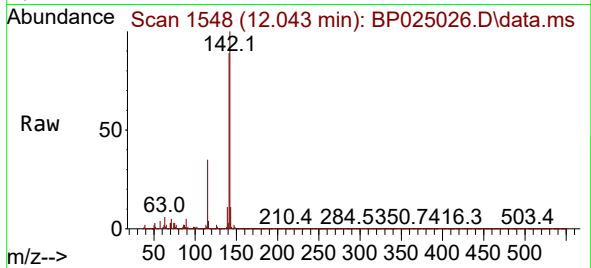




#37
2-Methylnaphthalene
Concen: 43.382 ng
RT: 12.043 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

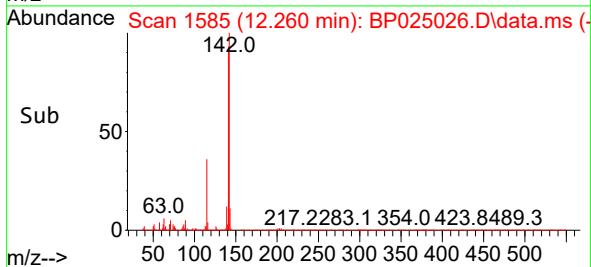
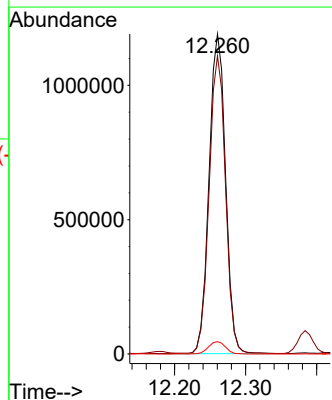
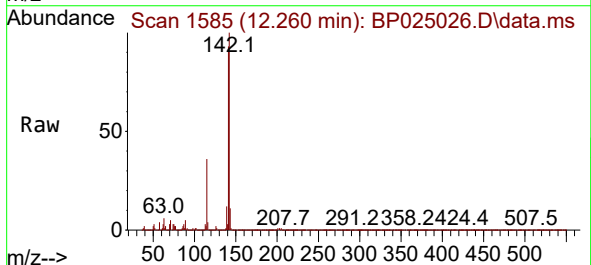
Instrument :
BNA_P
ClientSampleId :
3897MSD

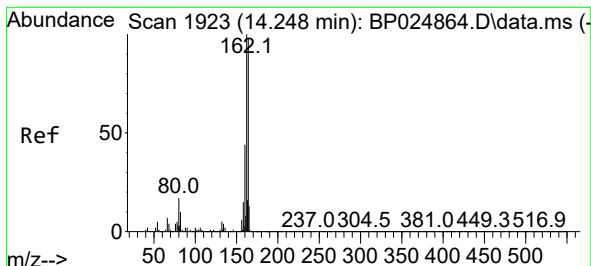
Tgt Ion:142 Resp: 1833734
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 34.7 28.5 42.7



#38
1-Methylnaphthalene
Concen: 42.418 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:142 Resp: 1916889
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1
116 3.8 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.243 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

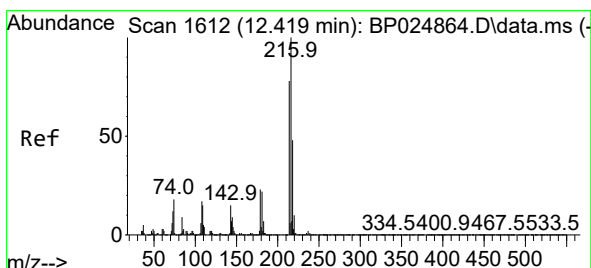
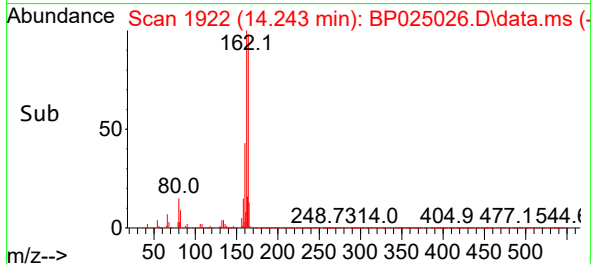
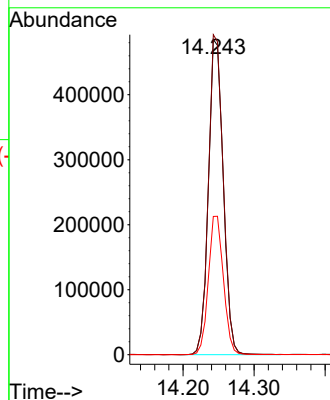
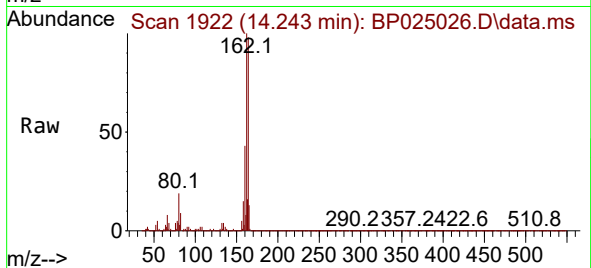
Tgt Ion:164 Resp: 703621

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 43.9 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.442 ng

RT: 12.419 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Tgt Ion:216 Resp: 1047037

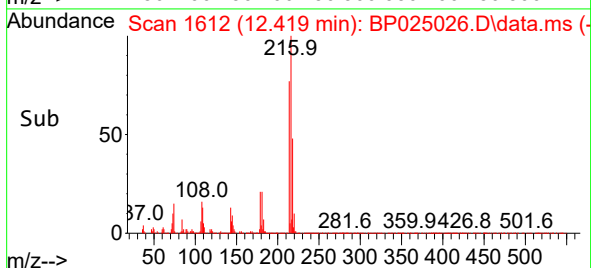
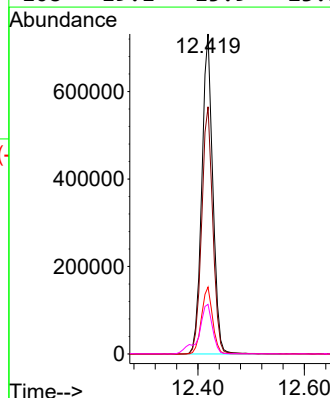
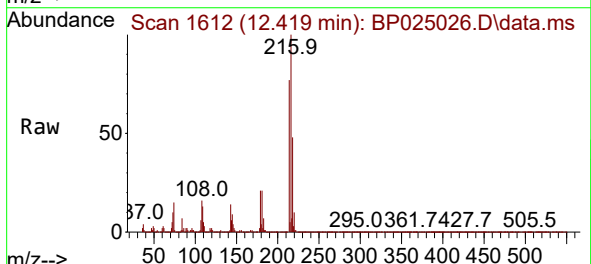
Ion Ratio Lower Upper

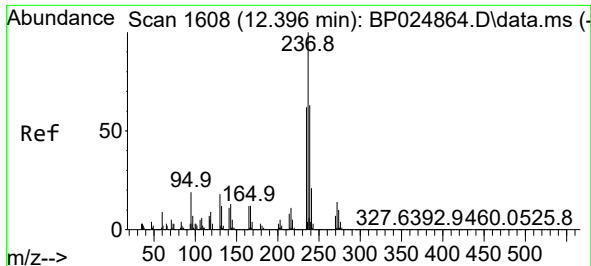
216 100

214 78.3 63.0 94.4

179 21.2 17.8 26.6

108 19.1 15.9 23.9

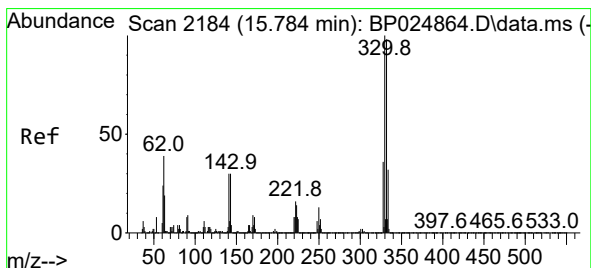
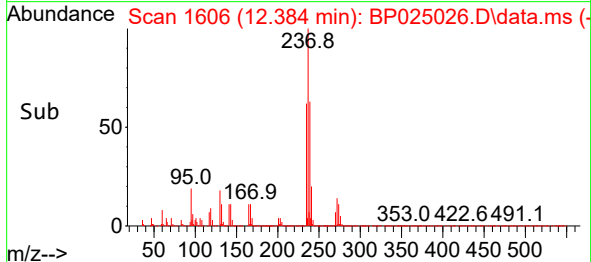
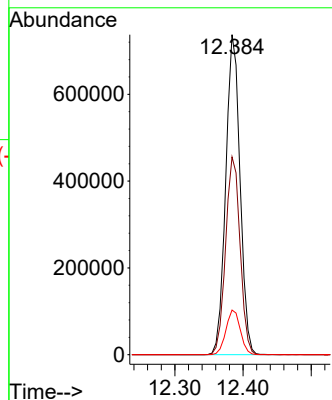
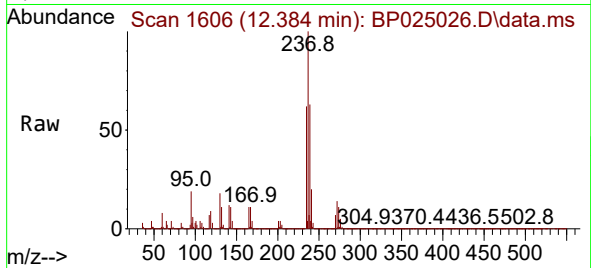




#41
Hexachlorocyclopentadiene
Concen: 88.218 ng
RT: 12.384 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

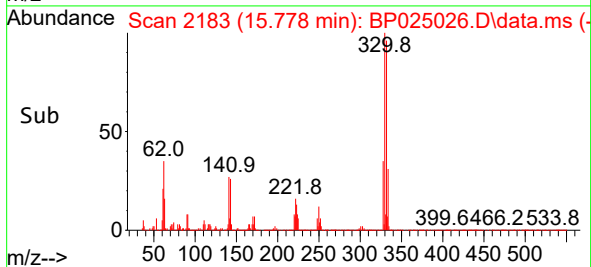
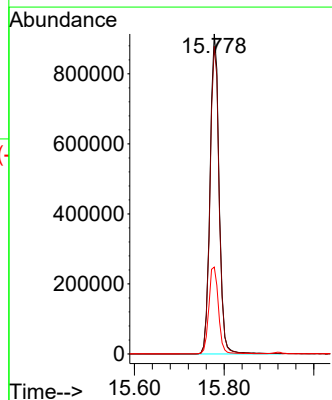
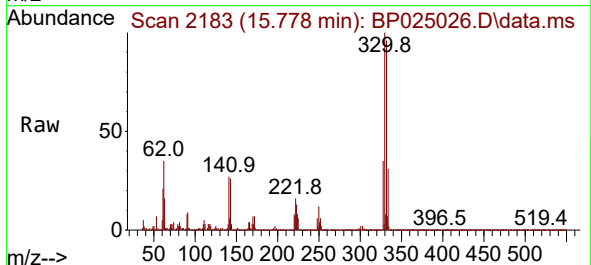
Instrument :
BNA_P
ClientSampleId :
3897MSD

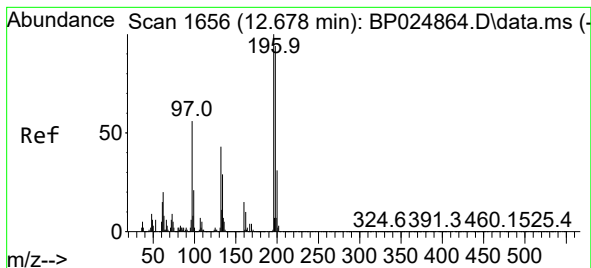
Tgt Ion:237 Resp: 1074290
Ion Ratio Lower Upper
237 100
235 61.8 41.9 81.9
272 14.0 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 131.754 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:330 Resp: 1281699
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 28.7 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 50.672 ng

RT: 12.678 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

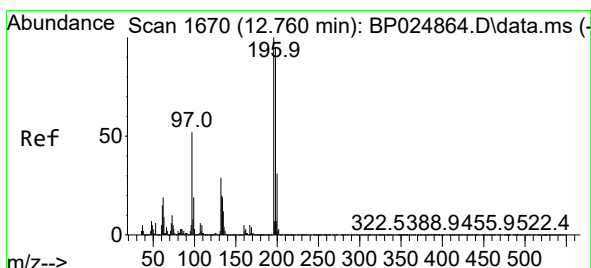
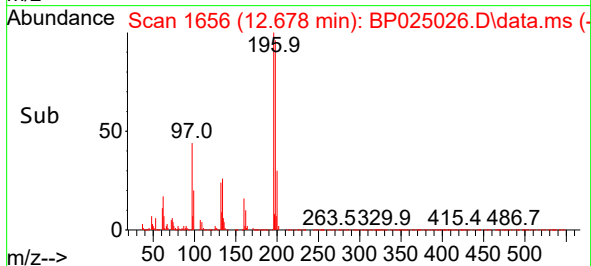
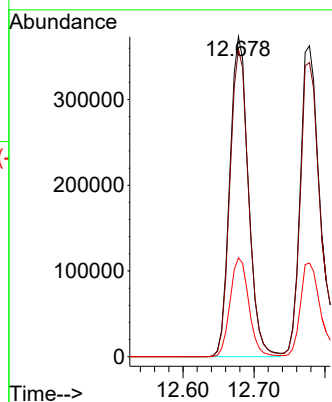
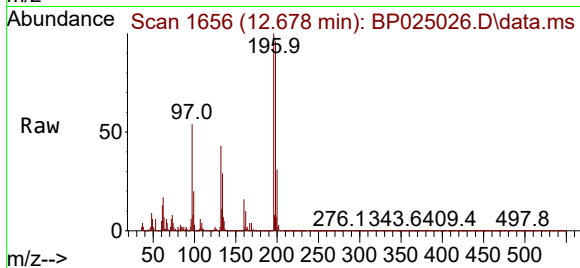
Tgt Ion:196 Resp: 679427

Ion Ratio Lower Upper

196 100

198 96.0 75.4 113.0

200 30.9 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 51.046 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Tgt Ion:196 Resp: 732995

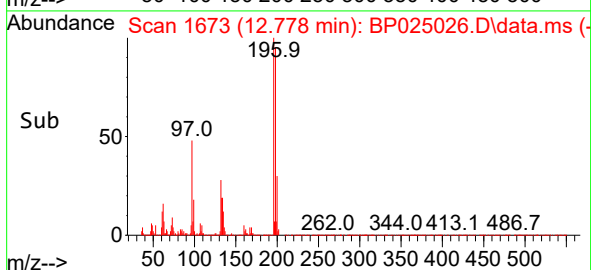
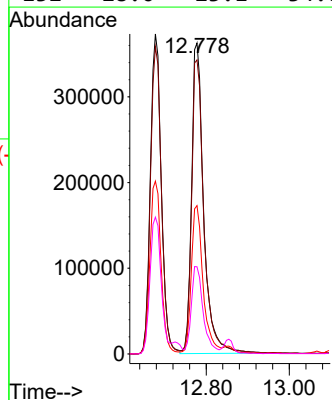
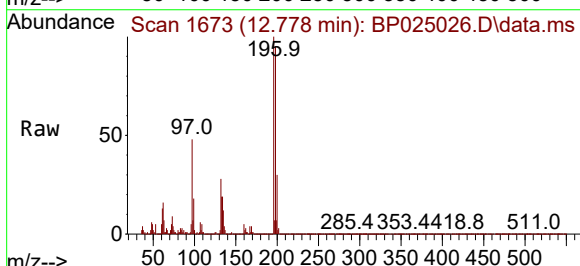
Ion Ratio Lower Upper

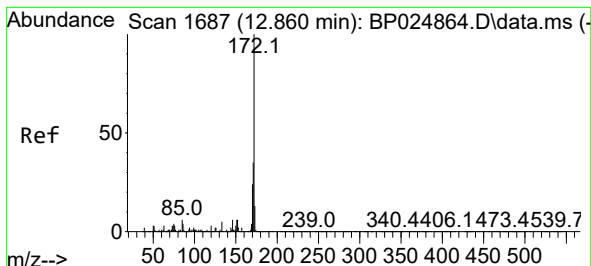
196 100

198 94.6 76.0 114.0

97 47.7 41.5 62.3

132 28.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 86.142 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

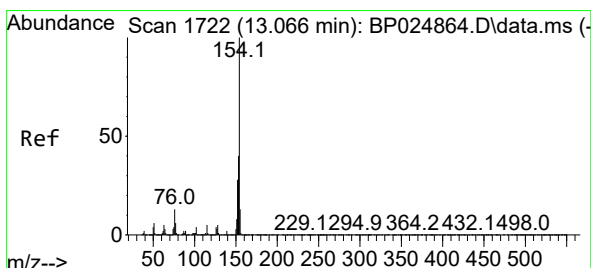
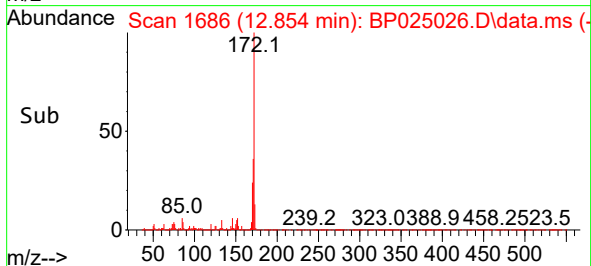
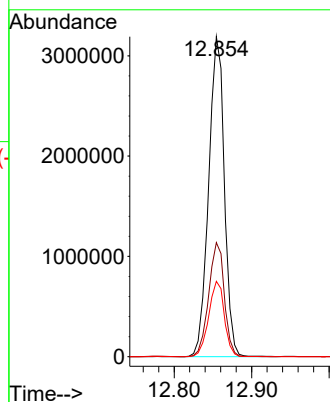
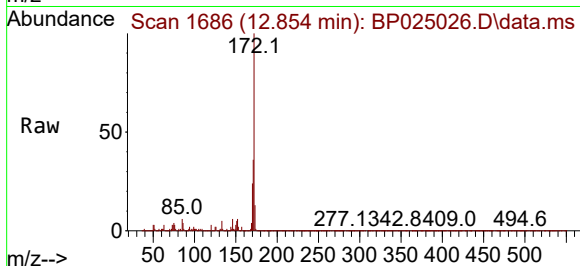
Tgt Ion:172 Resp: 4499341

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.160 ng

RT: 13.066 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

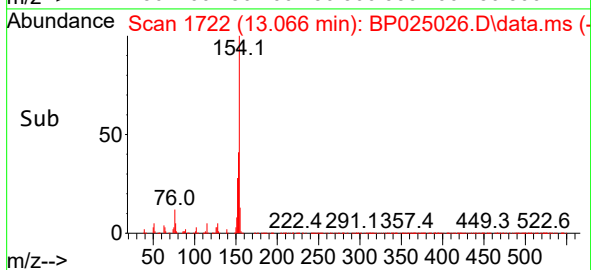
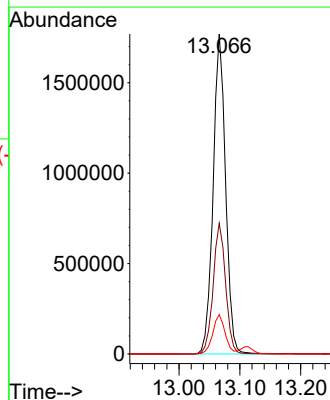
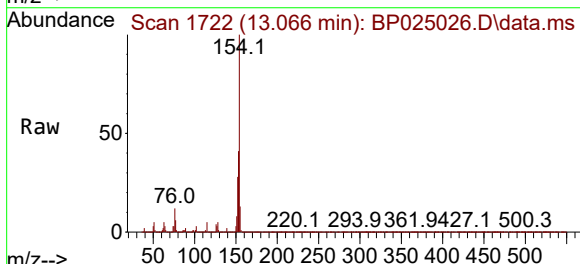
Tgt Ion:154 Resp: 2513740

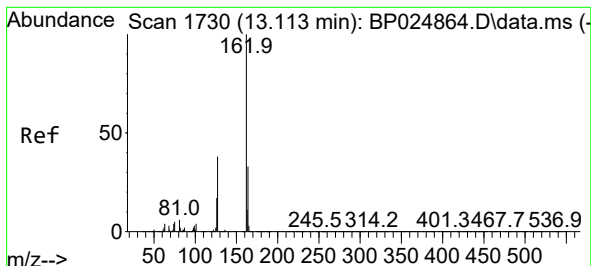
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 12.3 0.0 33.0

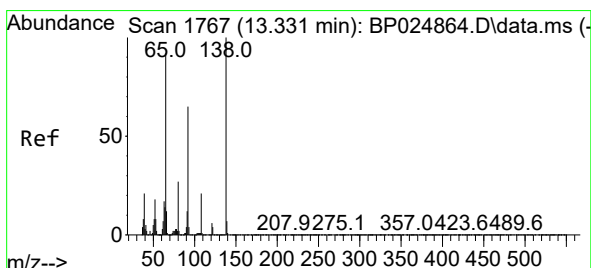
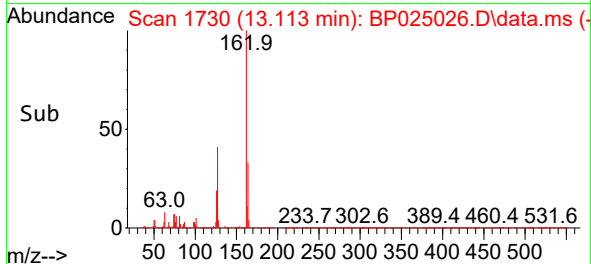
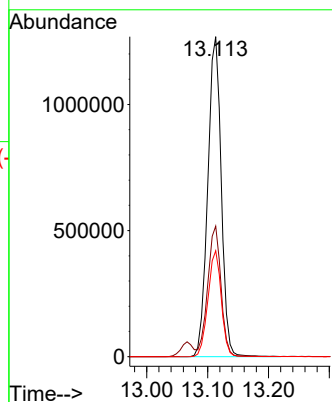
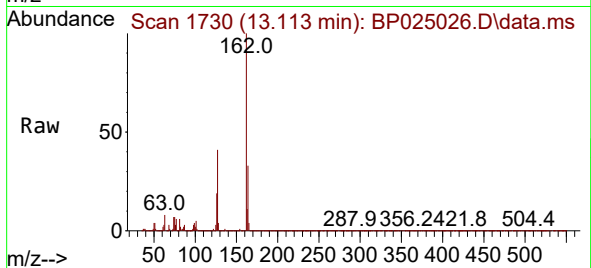




#47
2-Chloronaphthalene
Concen: 49.590 ng
RT: 13.113 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

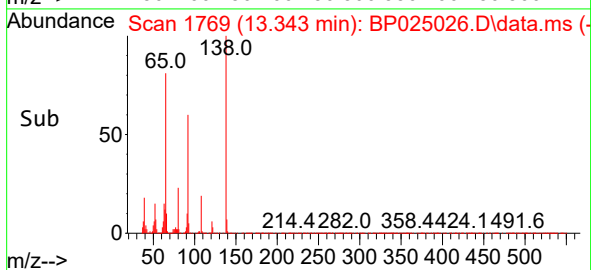
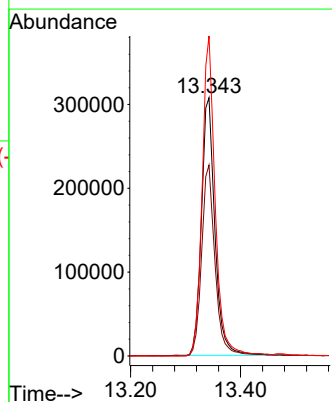
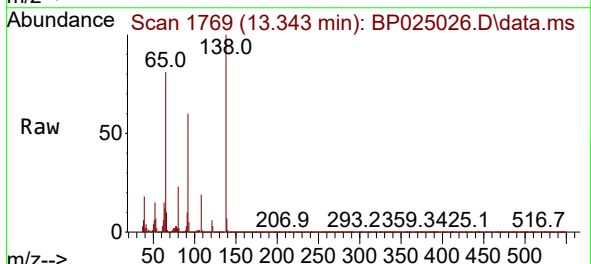
Instrument :
BNA_P
ClientSampleId :
3897MSD

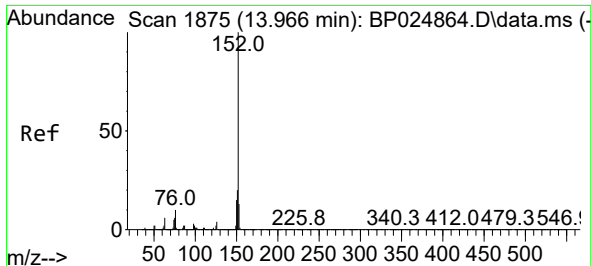
Tgt Ion:162 Resp: 1948927
Ion Ratio Lower Upper
162 100
127 40.8 32.5 48.7
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 43.221 ng
RT: 13.343 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion: 65 Resp: 522215
Ion Ratio Lower Upper
65 100
92 73.9 56.8 85.2
138 123.9 86.9 130.3

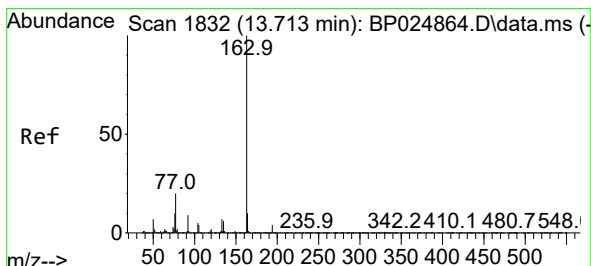
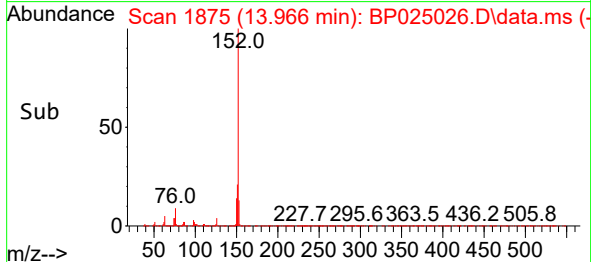
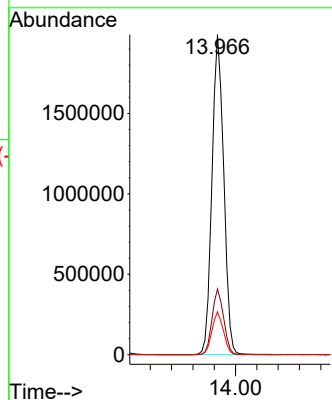
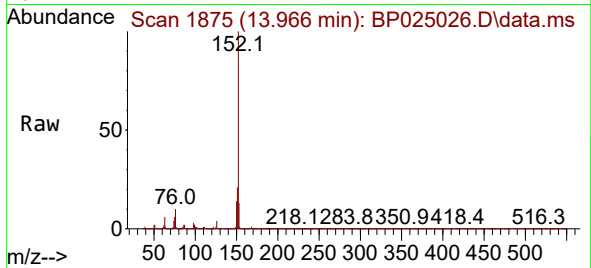




#49
Acenaphthylene
Concen: 46.547 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

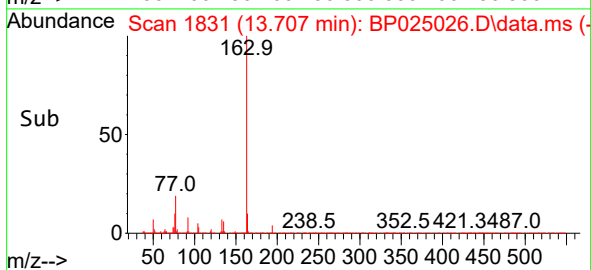
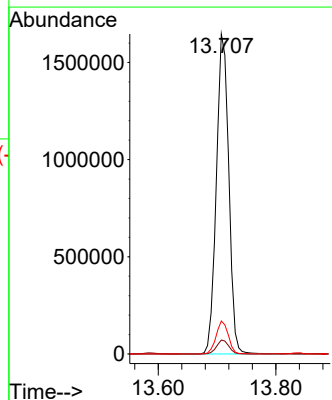
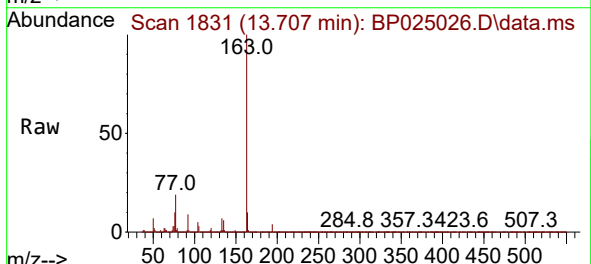
Instrument :
BNA_P
ClientSampleId :
3897MSD

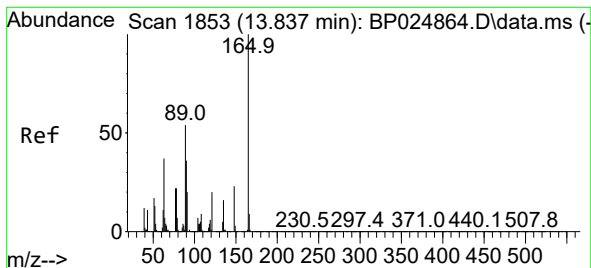
Tgt Ion:152 Resp: 3050146
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 46.469 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:163 Resp: 2411965
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.0 12.0

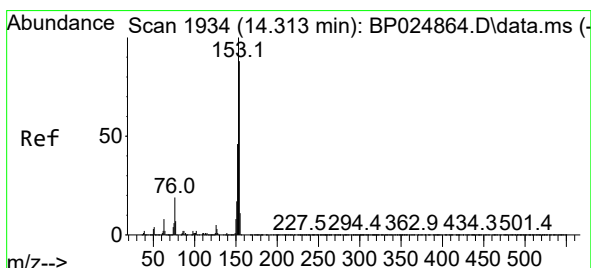
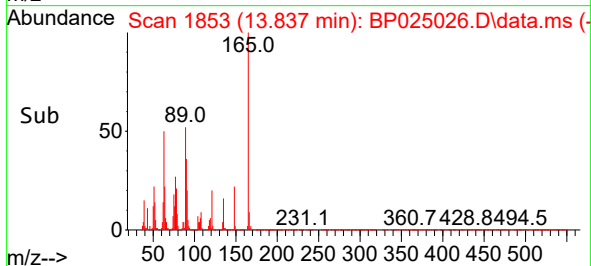
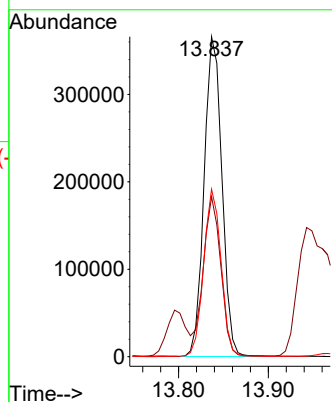
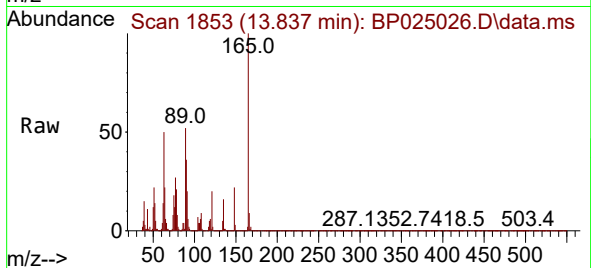




#51
2,6-Dinitrotoluene
Concen: 45.078 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

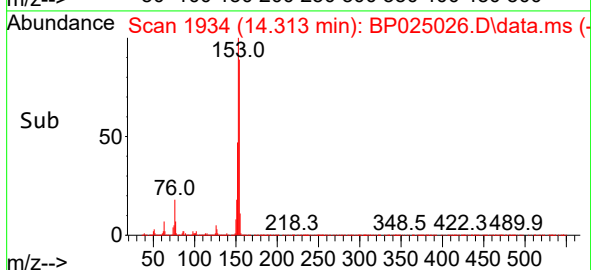
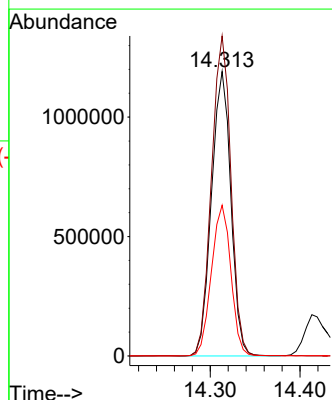
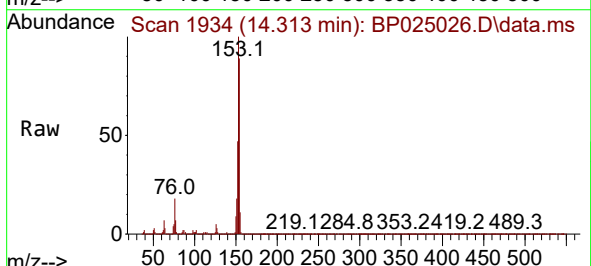
Instrument :
BNA_P
ClientSampleId :
3897MSD

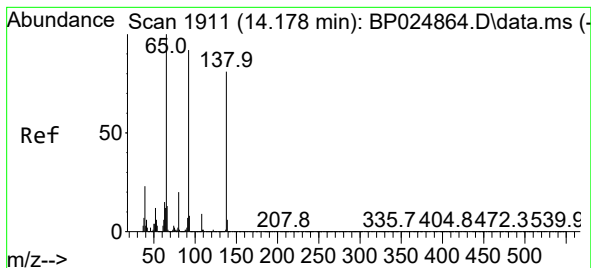
Tgt Ion:165 Resp: 504403
Ion Ratio Lower Upper
165 100
63 50.0 41.8 62.8
89 52.4 43.1 64.7



#52
Acenaphthene
Concen: 47.541 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:154 Resp: 1785161
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 53.0 42.1 63.1

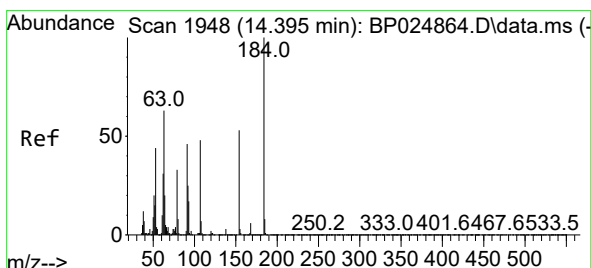
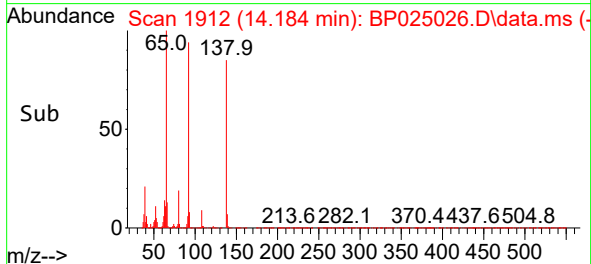
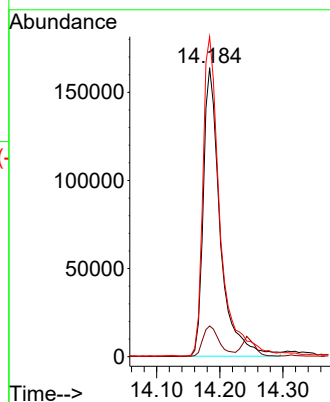
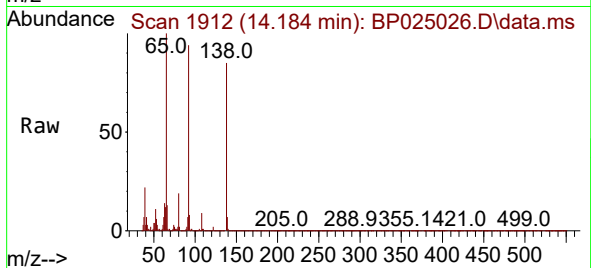




#53
3-Nitroaniline
Concen: 26.161 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

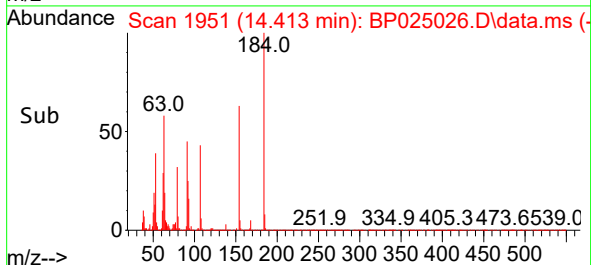
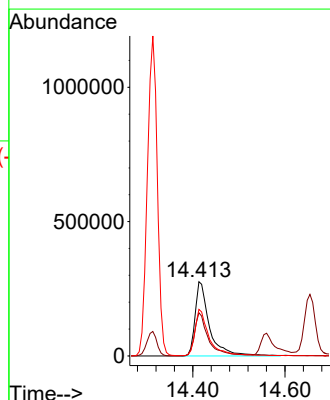
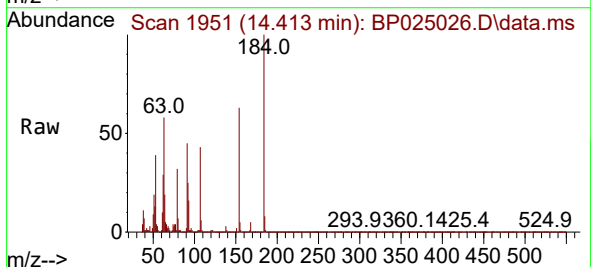
Instrument :
BNA_P
ClientSampleId :
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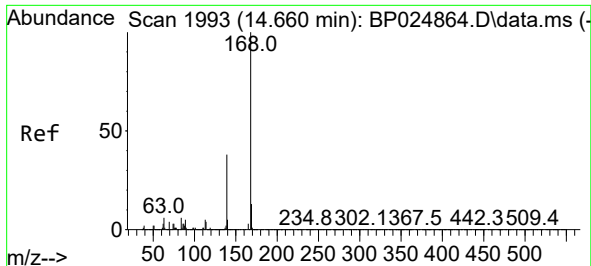
Tgt Ion:138 Resp: 303780
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 110.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 82.093 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:184 Resp: 599288
Ion Ratio Lower Upper
184 100
63 58.1 51.0 76.4
154 62.6 51.7 77.5

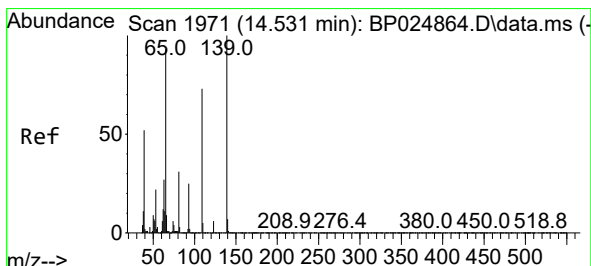
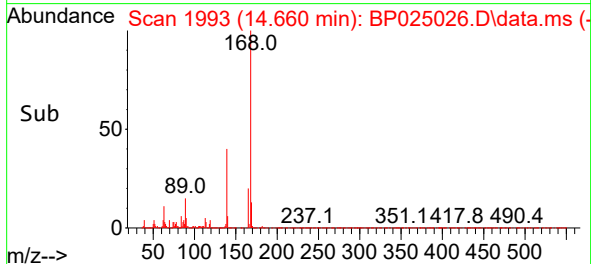
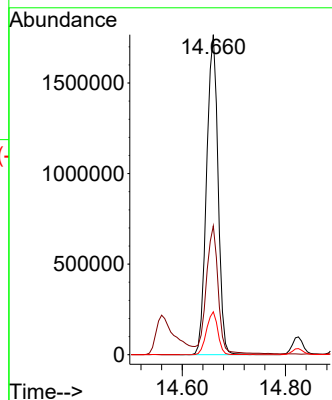
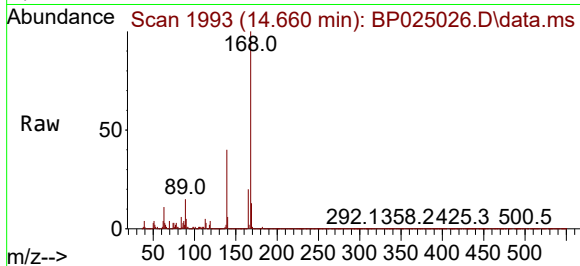




#55
Dibenzofuran
Concen: 45.013 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

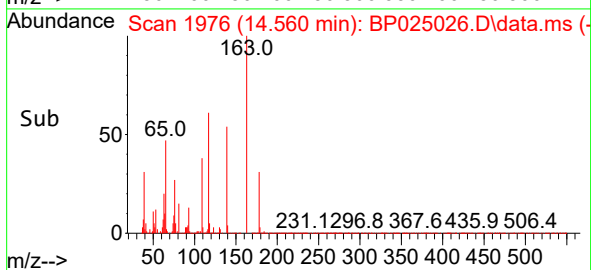
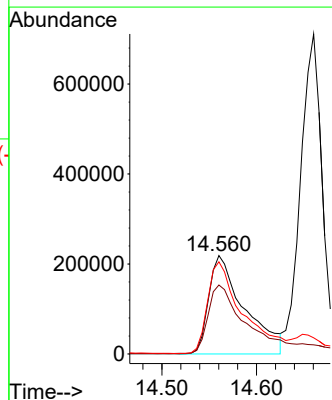
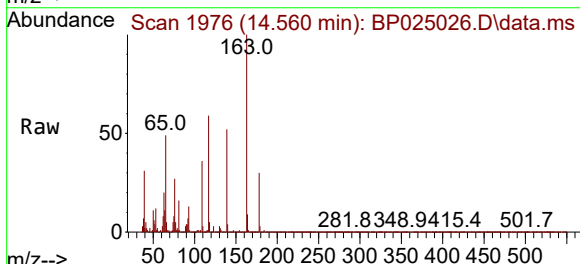
Instrument :
BNA_P
ClientSampleId :
3897MSD

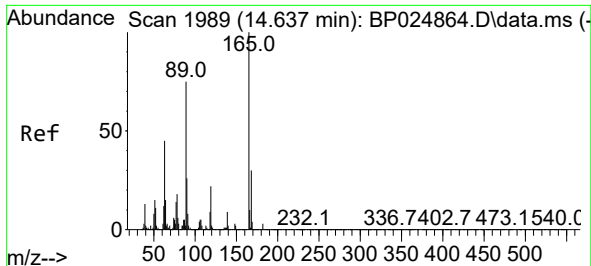
Tgt Ion:168 Resp: 2713146
Ion Ratio Lower Upper
168 100
139 40.3 31.6 47.4
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 59.346 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:139 Resp: 568685
Ion Ratio Lower Upper
139 100
109 70.1 53.1 93.1
65 93.6 73.0 113.0

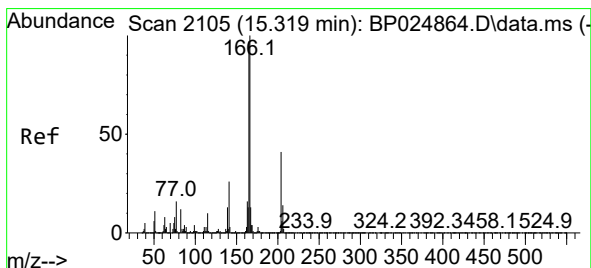
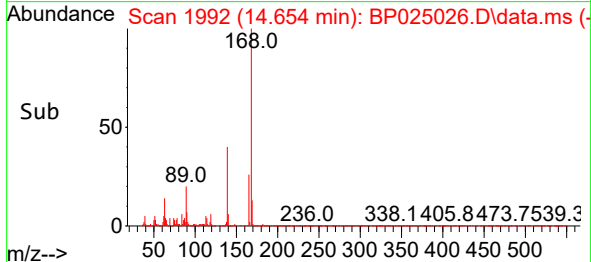
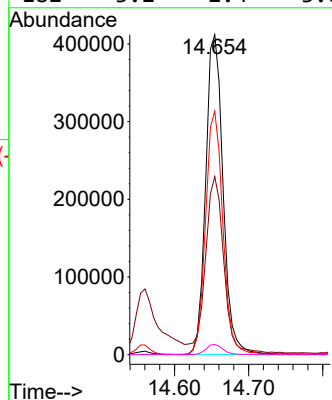
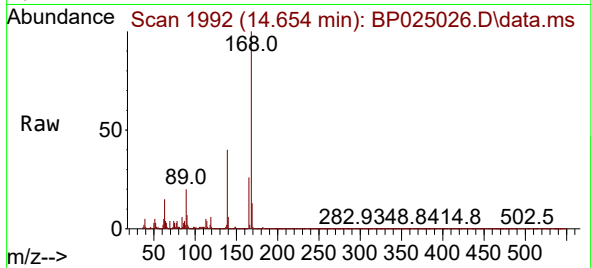




#57
2,4-Dinitrotoluene
Concen: 42.775 ng
RT: 14.654 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

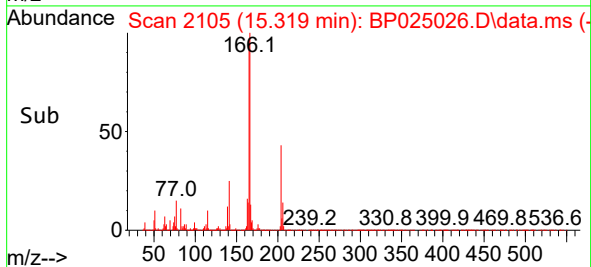
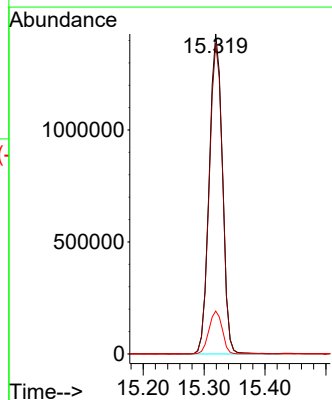
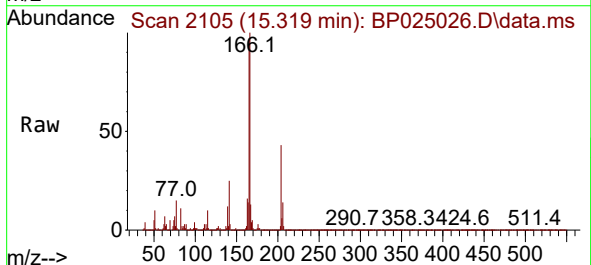
Instrument :
BNA_P
ClientSampleId :
3897MSD

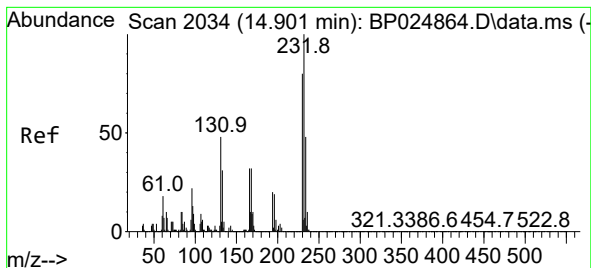
Tgt Ion:165 Resp: 669536
Ion Ratio Lower Upper
165 100
63 55.7 37.0 55.6#
89 76.1 60.1 90.1
182 3.2 2.4 3.6



#58
Fluorene
Concen: 44.213 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:166 Resp: 2152758
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.4 10.6 16.0

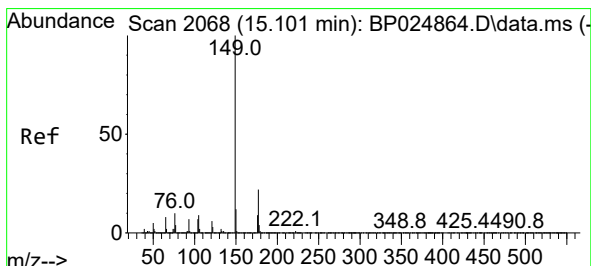
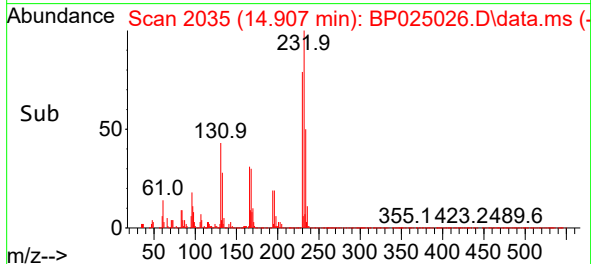
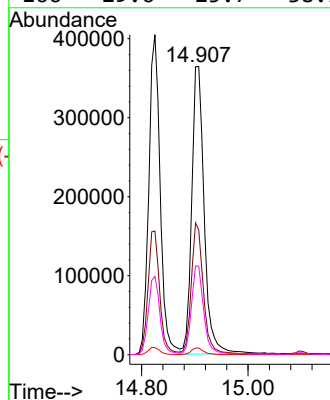
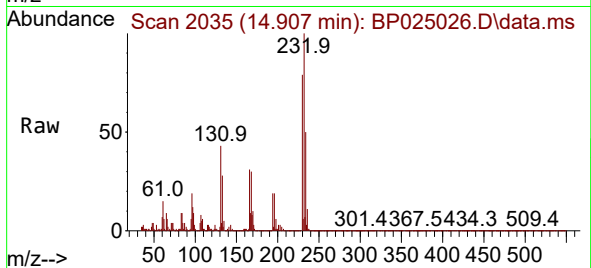




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.370 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

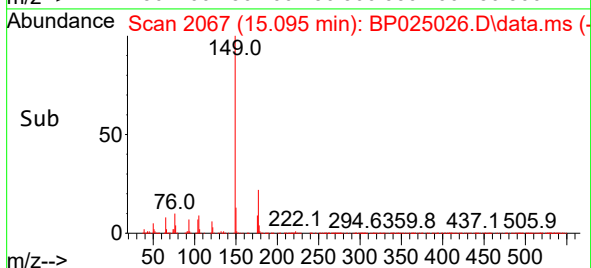
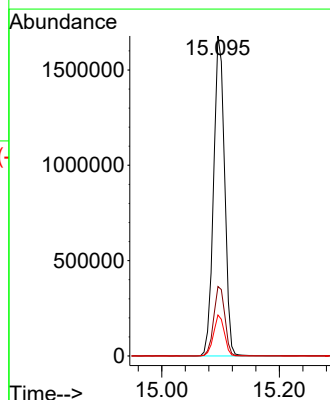
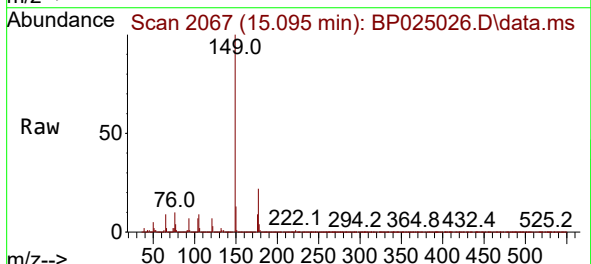
Instrument :
BNA_P
ClientSampleId :
3897MSD

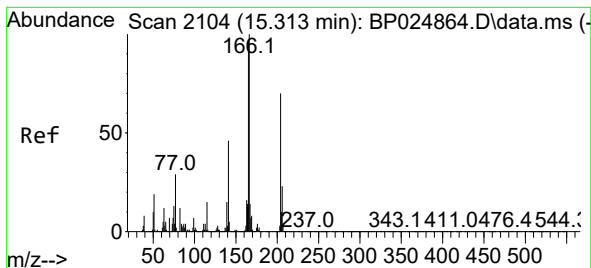
Tgt Ion:232 Resp: 594923
Ion Ratio Lower Upper
232 100
131 43.7 38.2 57.2
130 2.4 2.1 3.1
166 29.6 25.7 38.5



#60
Diethylphthalate
Concen: 42.105 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:149 Resp: 2178035
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.8 9.8 14.6

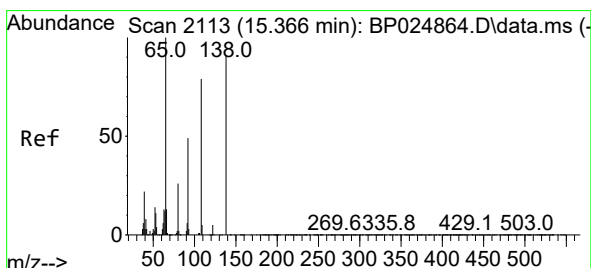
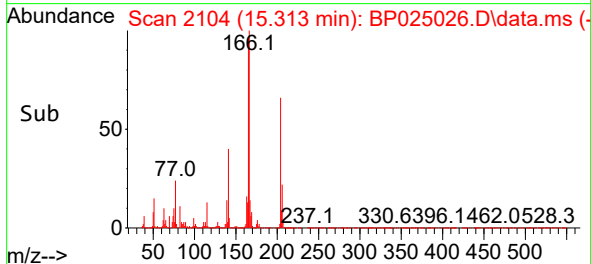
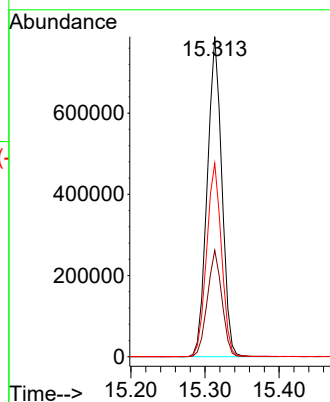
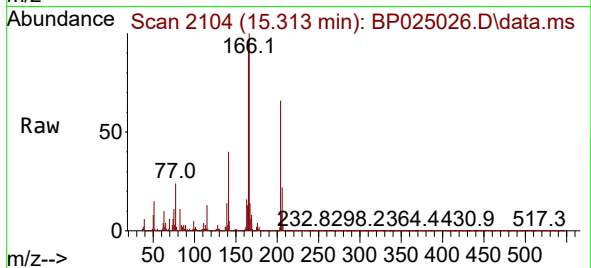




#61
4-Chlorophenyl-phenylether
Concen: 45.319 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

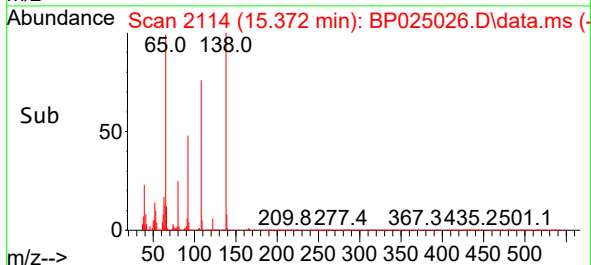
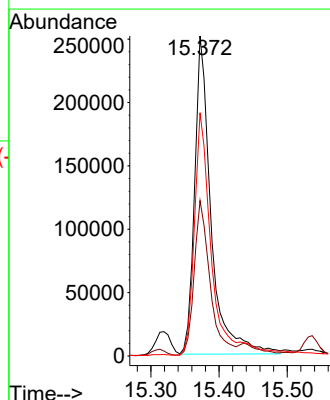
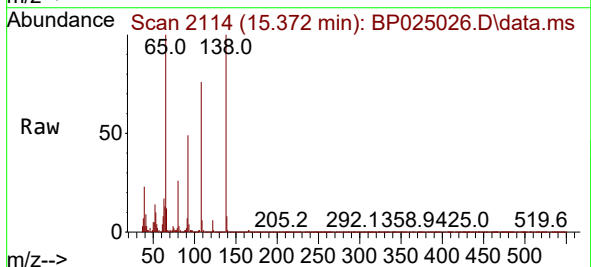
Instrument :
BNA_P
ClientSampleId :
3897MSD

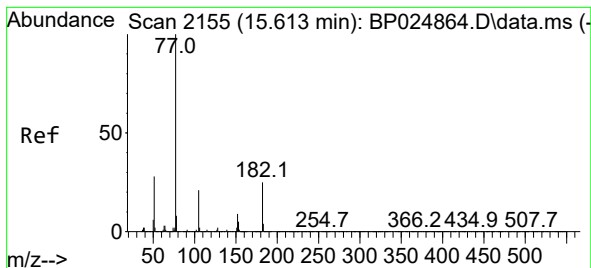
Tgt Ion:204 Resp: 1078935
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 60.5 52.4 78.6



#62
4-Nitroaniline
Concen: 39.985 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:138 Resp: 420994
Ion Ratio Lower Upper
138 100
92 48.5 33.5 73.5
108 76.0 65.1 105.1





#63

Azobenzene

Concen: 41.125 ng

RT: 15.613 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

Tgt Ion: 77 Resp: 1951082

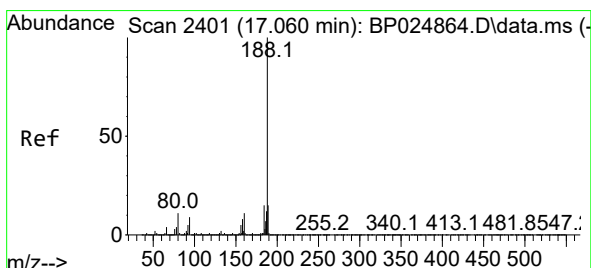
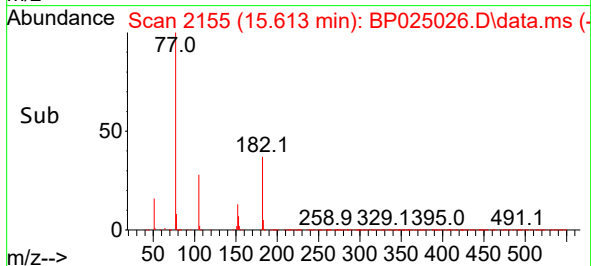
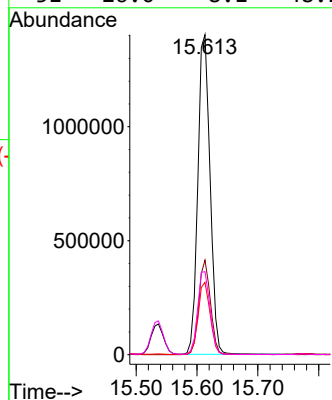
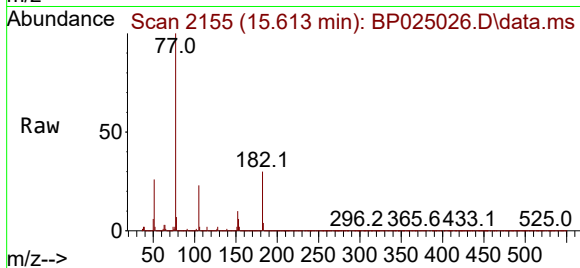
Ion Ratio Lower Upper

77 100

182 29.6 5.4 45.4

105 22.6 0.8 40.8

51 26.0 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

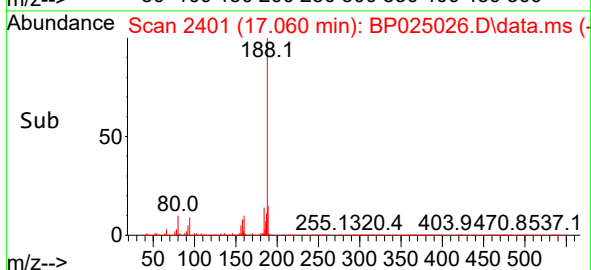
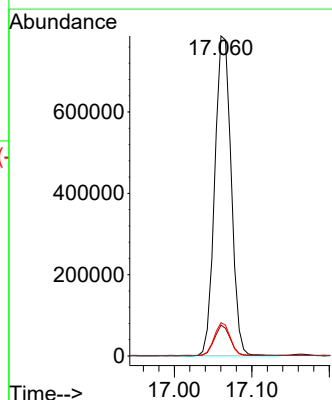
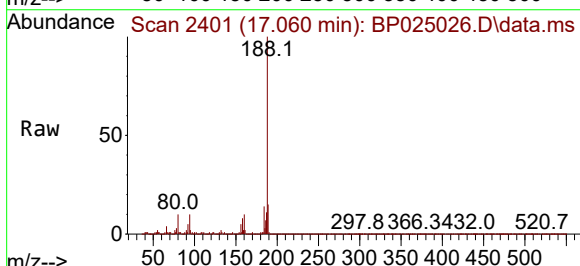
Tgt Ion:188 Resp: 1156393

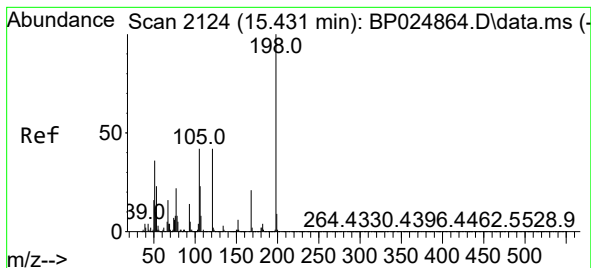
Ion Ratio Lower Upper

188 100

94 9.7 7.3 10.9

80 10.4 8.5 12.7

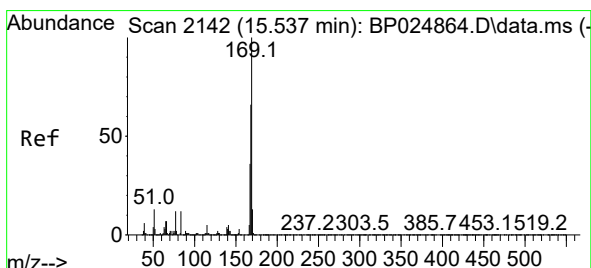
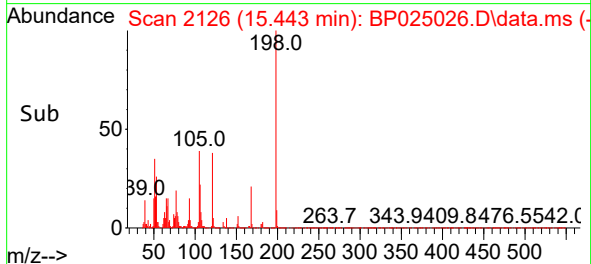
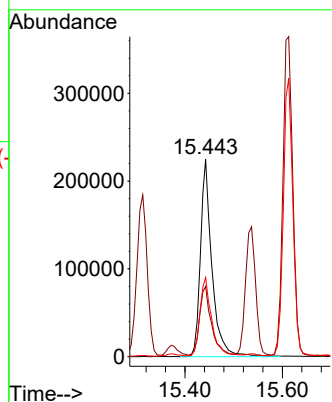
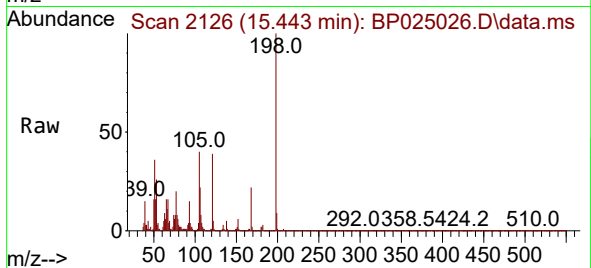




#65
4,6-Dinitro-2-methylphenol
Concen: 48.601 ng
RT: 15.443 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

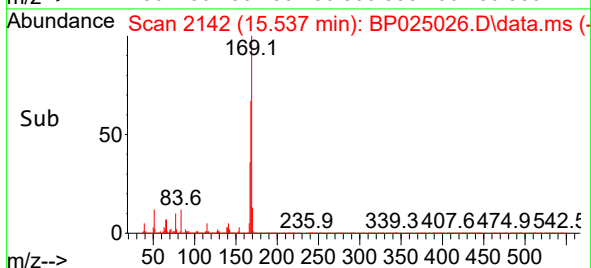
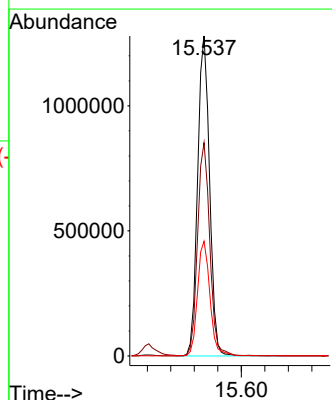
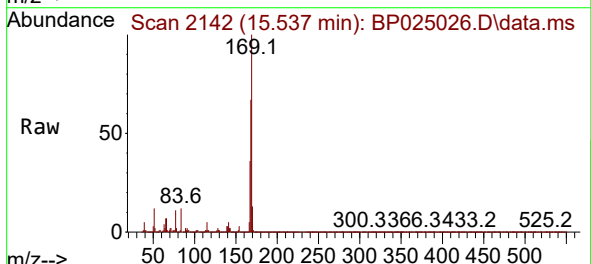
Instrument :
BNA_P
ClientSampleId :
3897MSD

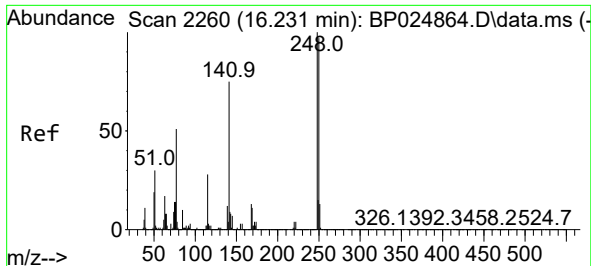
Tgt Ion:198 Resp: 369295
Ion Ratio Lower Upper
198 100
51 35.6 19.2 59.2
105 40.1 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 50.270 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:169 Resp: 1801821
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.9 28.6 43.0

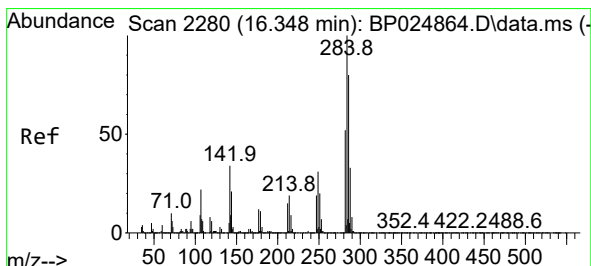
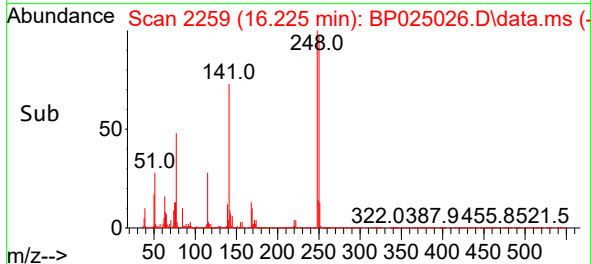
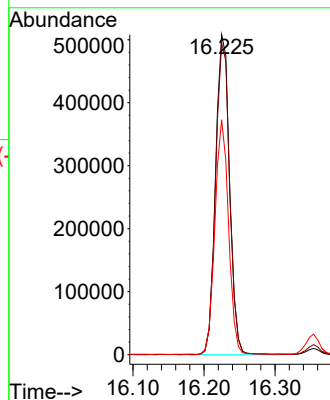
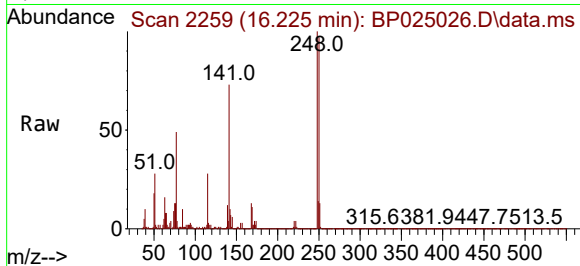




#67
4-Bromophenyl-phenylether
Concen: 53.136 ng
RT: 16.225 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

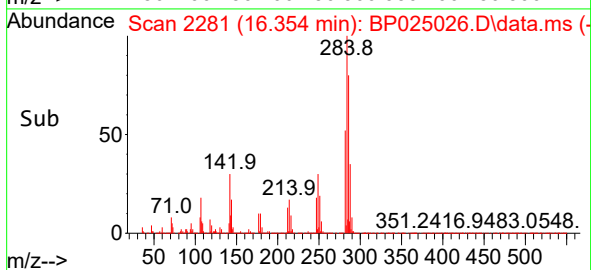
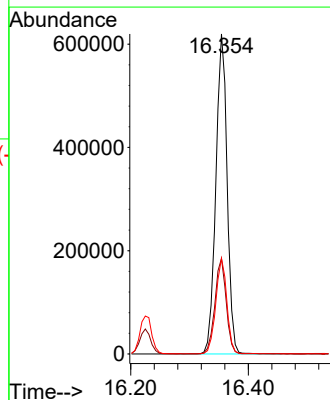
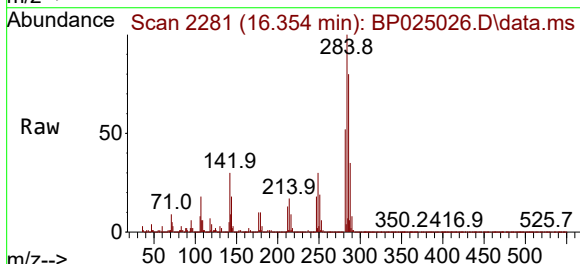
Instrument :
BNA_P
ClientSampleId :
3897MSD

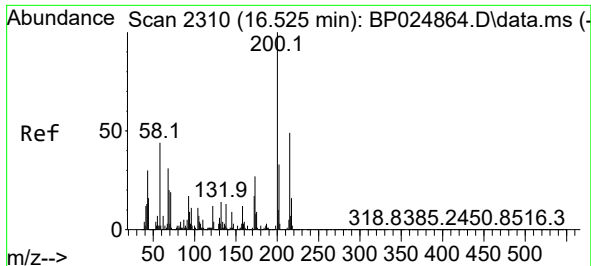
Tgt Ion:248 Resp: 693317
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.2
141 73.4 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.072 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:284 Resp: 823668
Ion Ratio Lower Upper
284 100
142 29.9 27.0 40.6
249 29.9 25.0 37.6

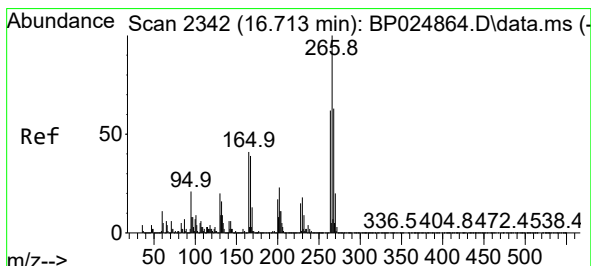
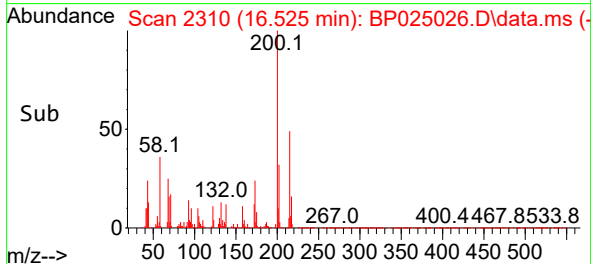
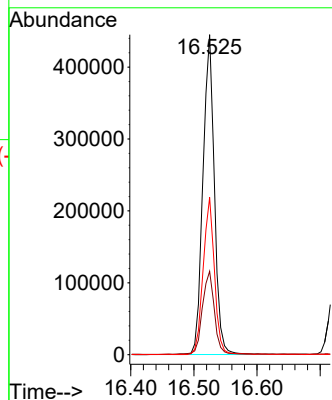
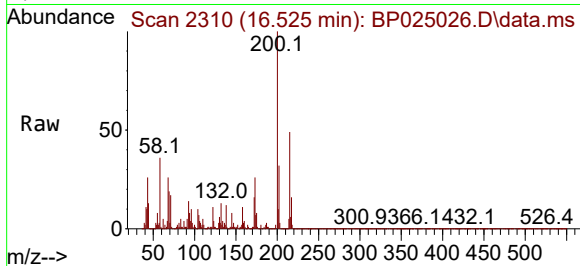




#69
Atrazine
Concen: 43.151 ng
RT: 16.525 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

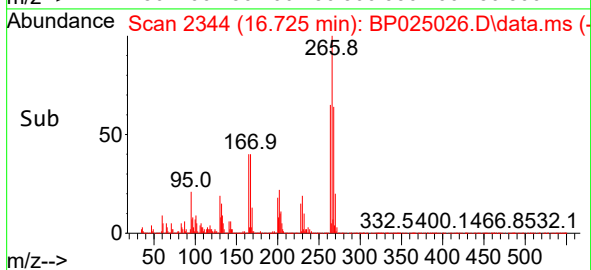
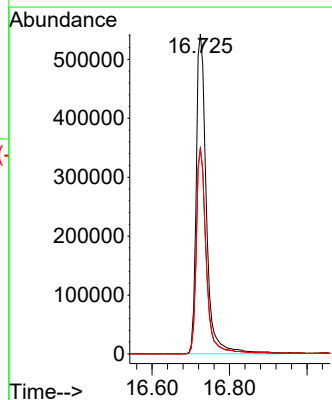
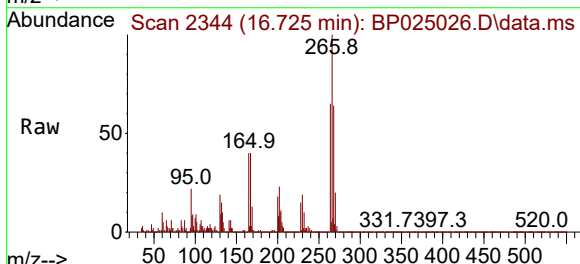
Instrument :
BNA_P
ClientSampleId :
3897MSD

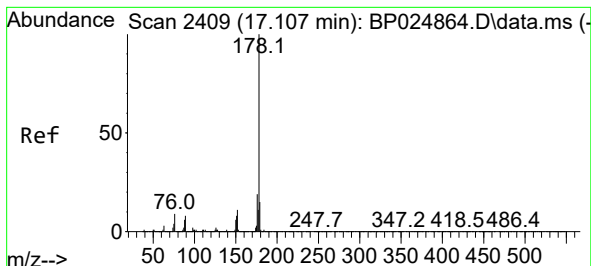
Tgt Ion:200 Resp: 560686
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 49.2 28.7 68.7



#70
Pentachlorophenol
Concen: 120.811 ng
RT: 16.725 min Scan# 2344
Delta R.T. 0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:266 Resp: 989023
Ion Ratio Lower Upper
266 100
268 64.0 50.6 76.0
264 64.6 49.7 74.5





#71

Phenanthrene

Concen: 47.097 ng

RT: 17.107 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

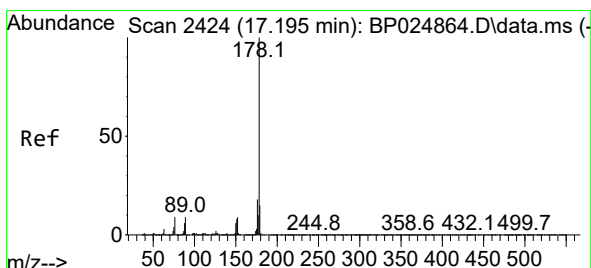
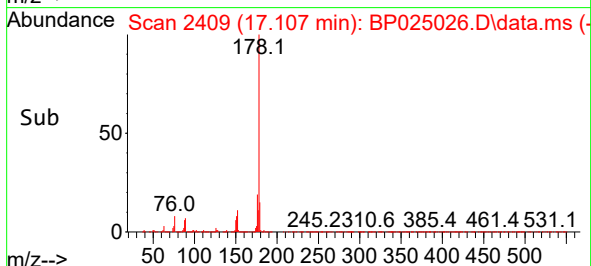
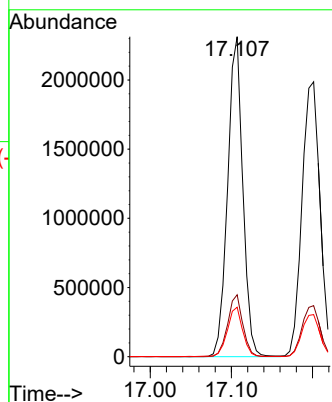
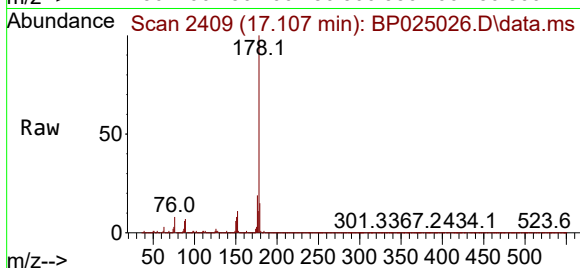
Tgt Ion:178 Resp: 3009669

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.5 12.1 18.1



#72

Anthracene

Concen: 47.678 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

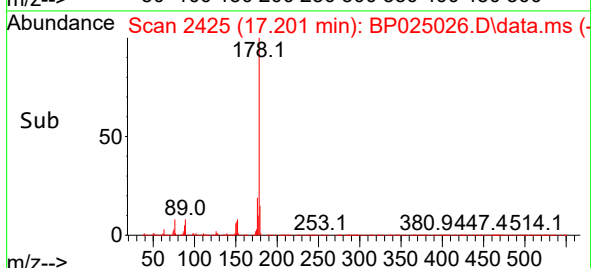
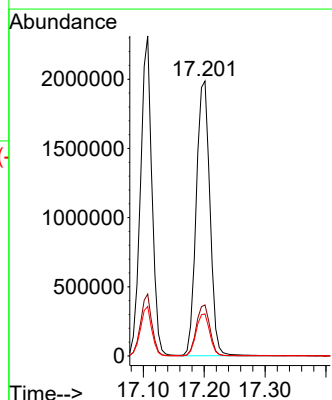
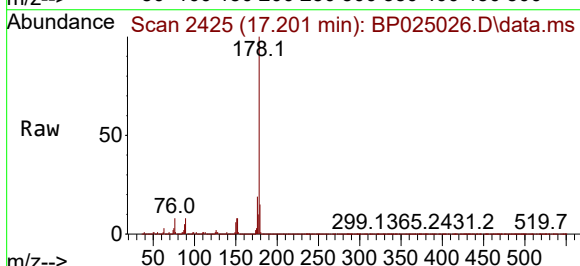
Tgt Ion:178 Resp: 3085692

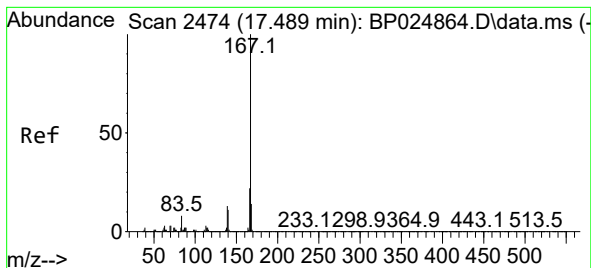
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.3 12.3 18.5





#73

Carbazole

Concen: 46.277 ng

RT: 17.489 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

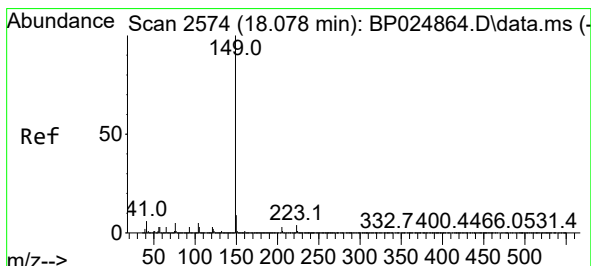
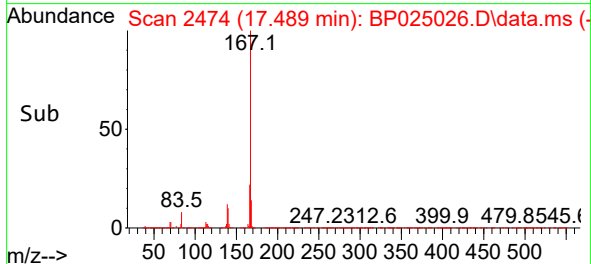
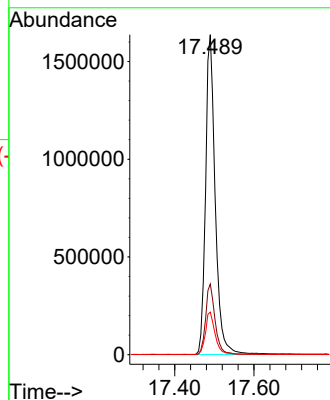
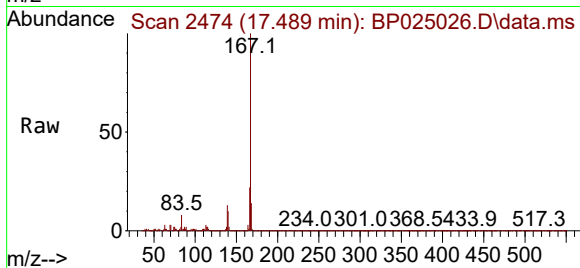
Tgt Ion:167 Resp: 2776115

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 44.857 ng

RT: 18.066 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

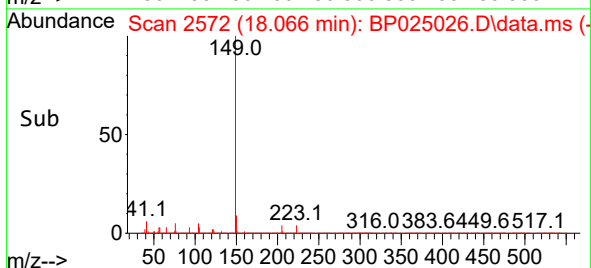
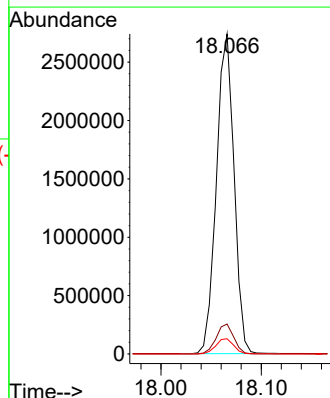
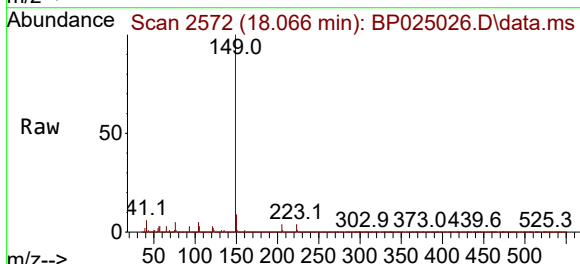
Tgt Ion:149 Resp: 3333988

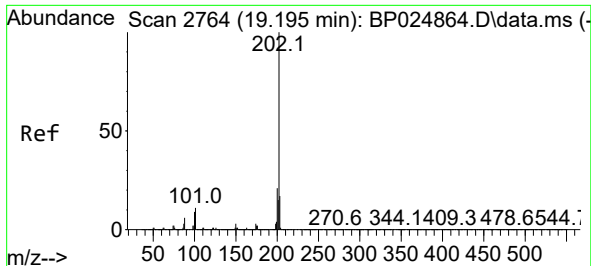
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.8 4.2 6.2

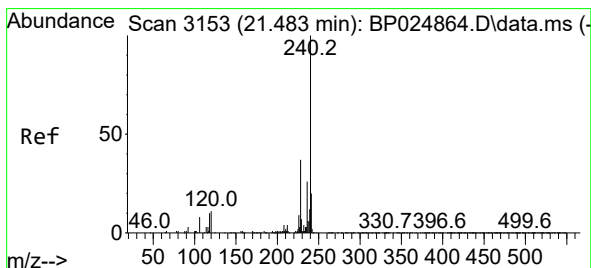
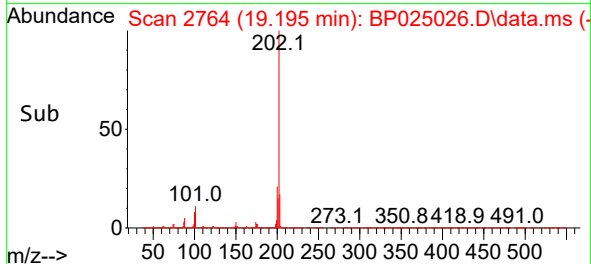
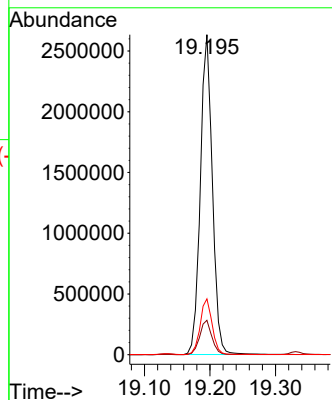
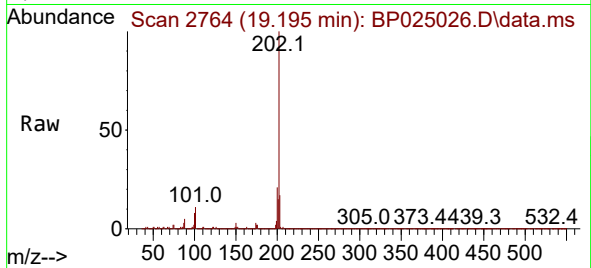




#75
Fluoranthene
Concen: 45.527 ng
RT: 19.195 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

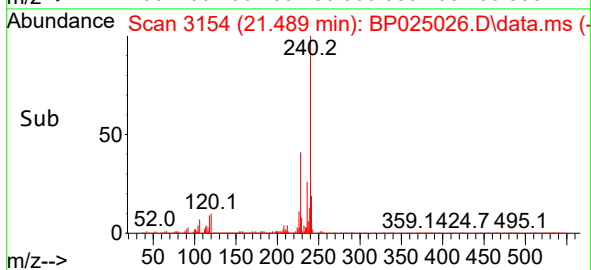
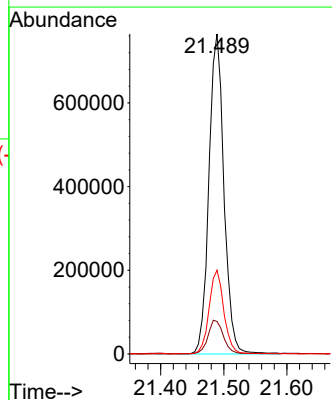
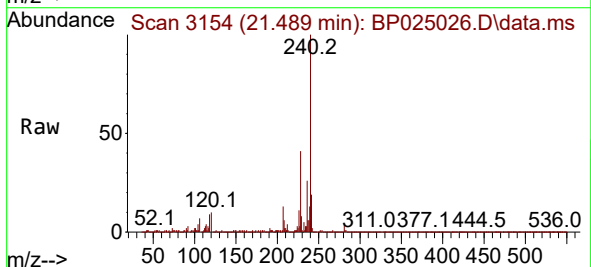
Instrument :
BNA_P
ClientSampleId :
3897MSD

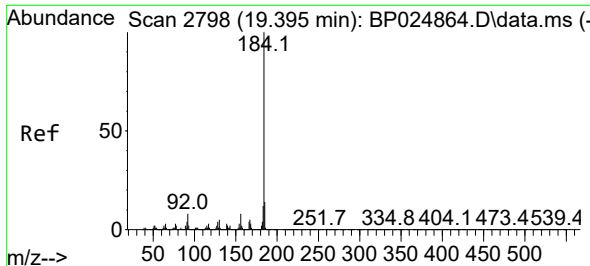
Tgt Ion:202 Resp: 3372097
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:240 Resp: 1265500
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.1 20.9 31.3

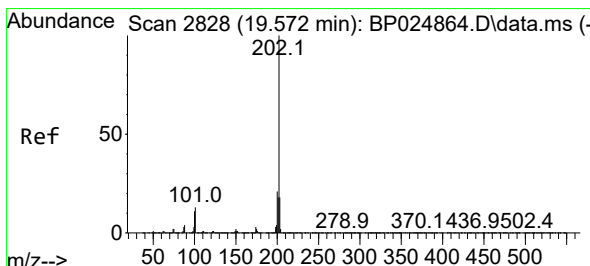
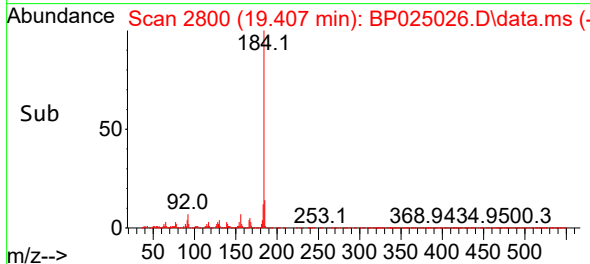
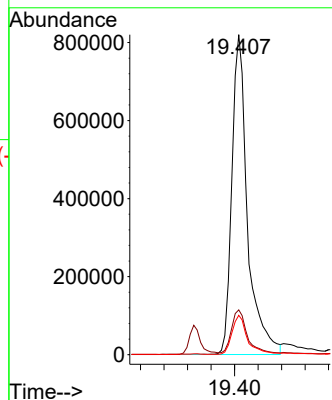
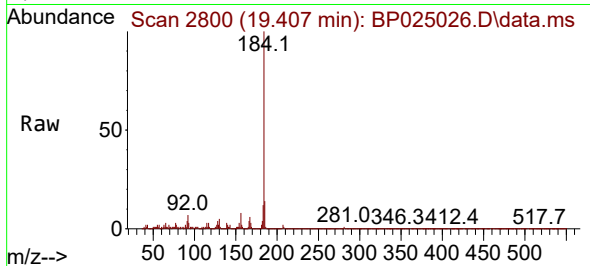




#77
Benzidine
Concen: 38.599 ng
RT: 19.407 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

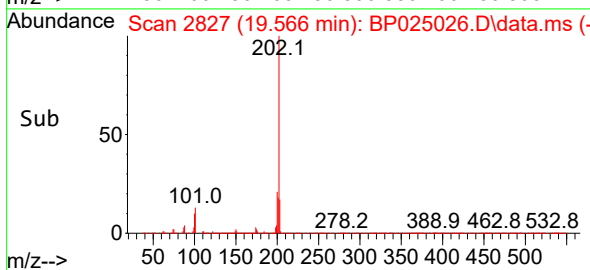
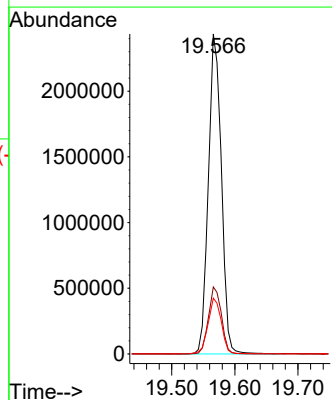
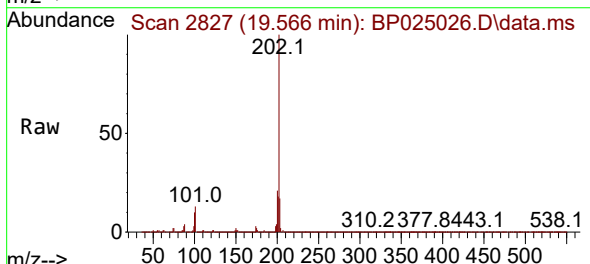
Instrument :
BNA_P
ClientSampleId :
3897MSD

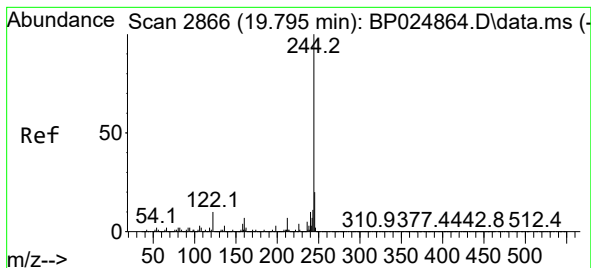
Tgt Ion:184 Resp: 1512855
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 12.3 9.5 14.3



#78
Pyrene
Concen: 44.019 ng
RT: 19.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP025026.D
Acq: 20 Jun 2025 20:28

Tgt Ion:202 Resp: 3480190
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 77.737 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

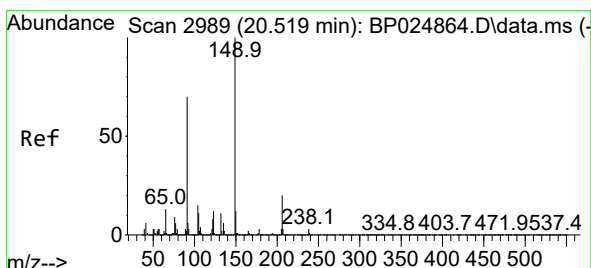
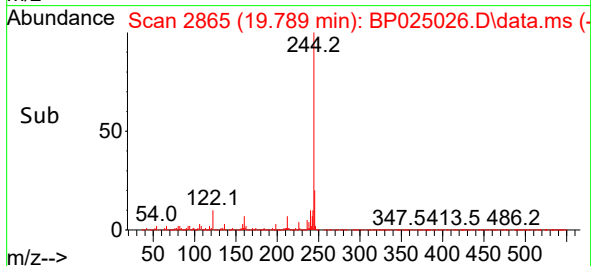
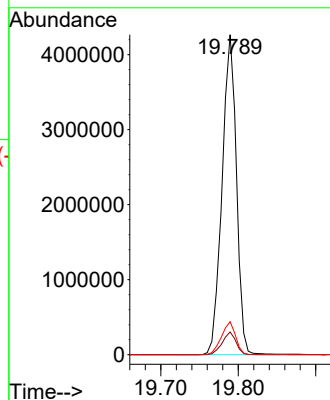
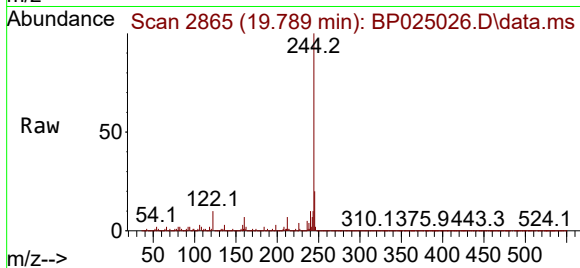
Tgt Ion:244 Resp: 5488987

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 43.859 ng

RT: 20.519 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

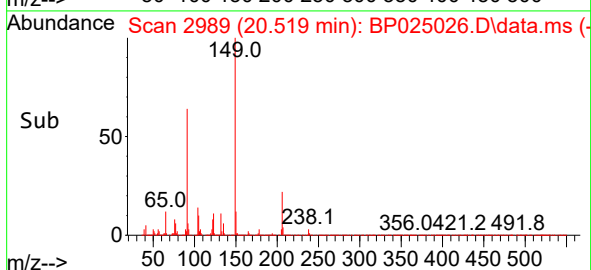
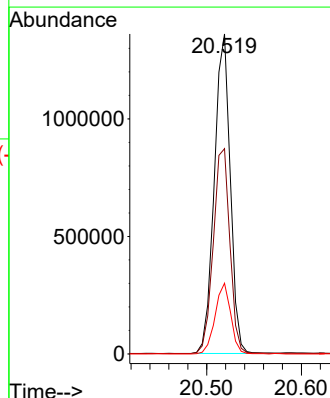
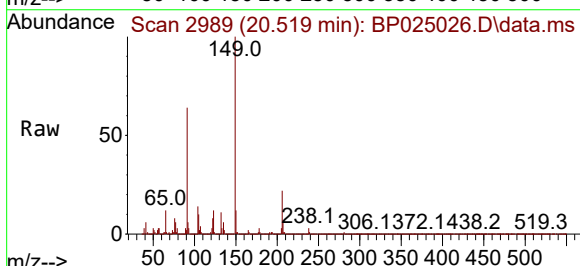
Tgt Ion:149 Resp: 1588339

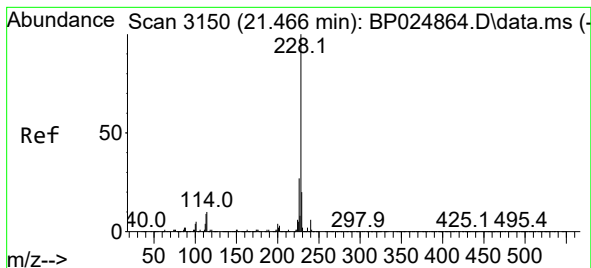
Ion Ratio Lower Upper

149 100

91 64.2 55.8 83.8

206 22.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.465 ng

RT: 21.466 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

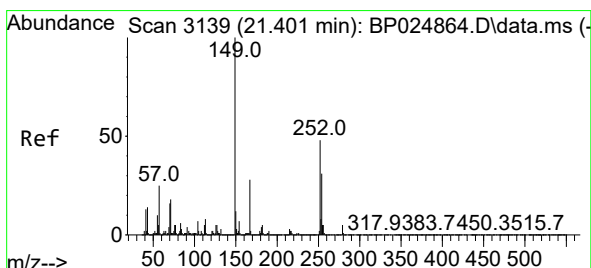
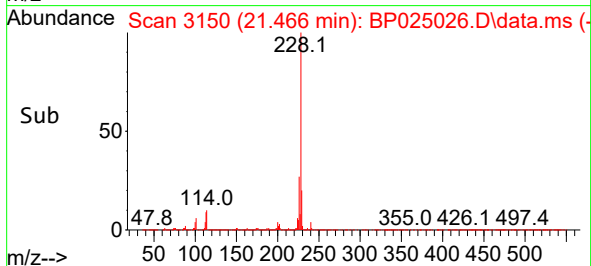
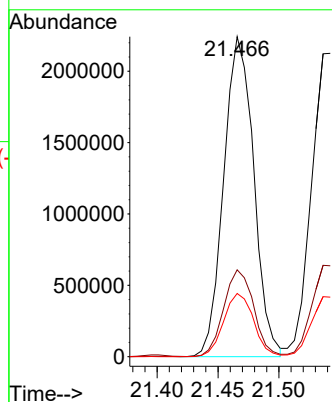
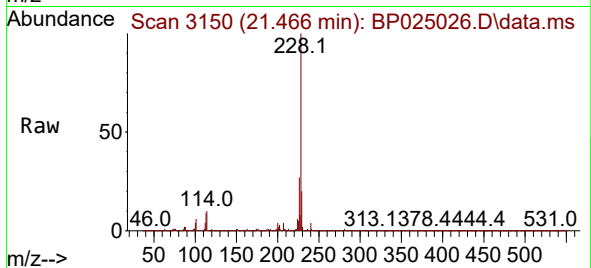
Tgt Ion:228 Resp: 3841779

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 34.730 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

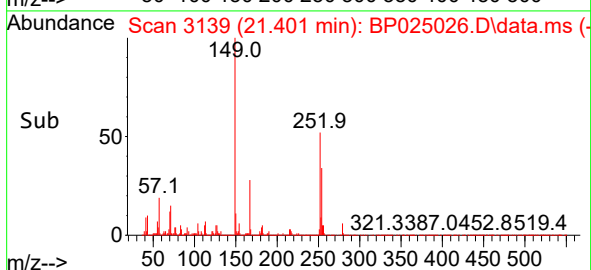
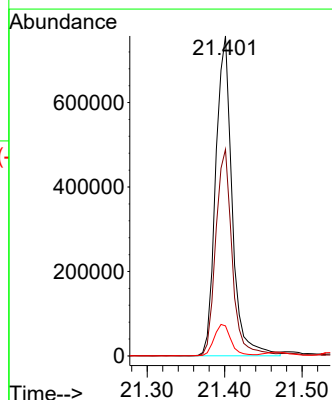
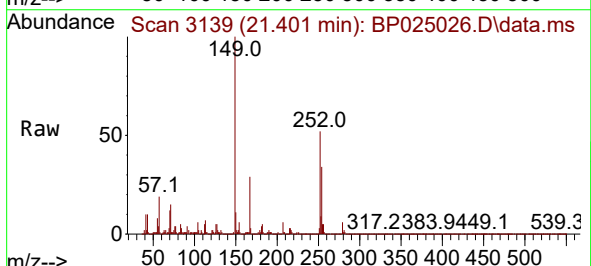
Tgt Ion:252 Resp: 1115985

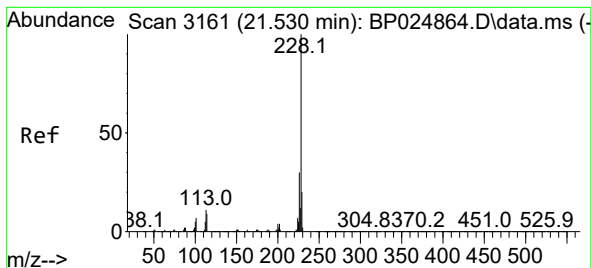
Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 9.4 8.6 12.8





#83

Chrysene

Concen: 48.538 ng

RT: 21.542 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

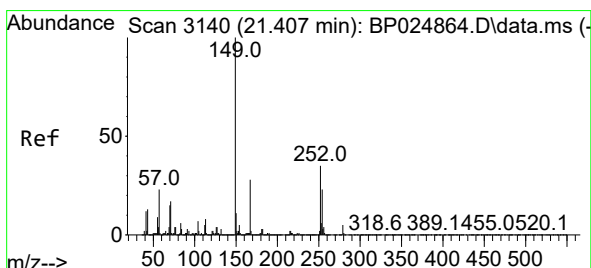
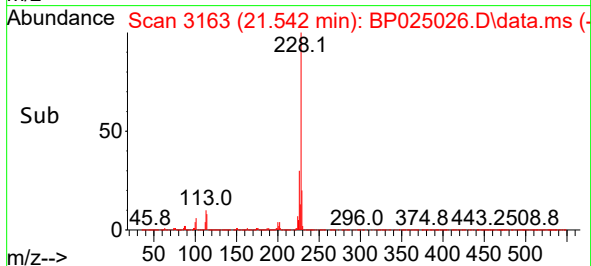
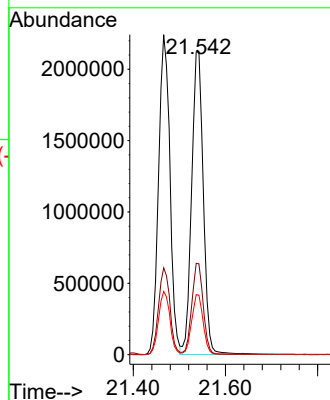
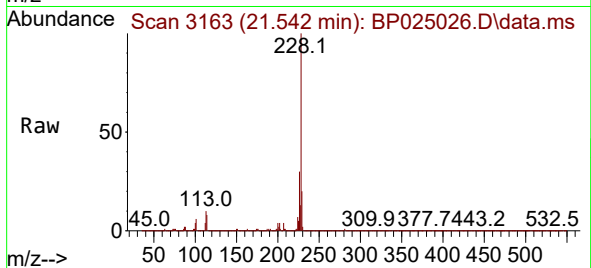
Tgt Ion:228 Resp: 3722456

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.629 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

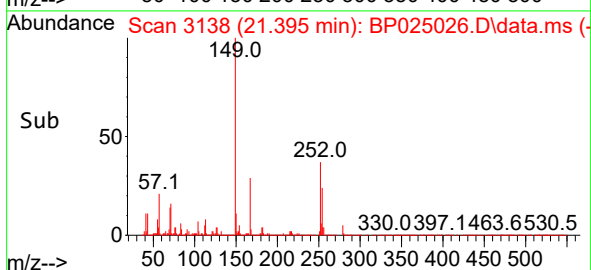
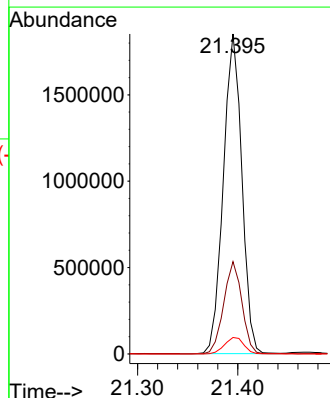
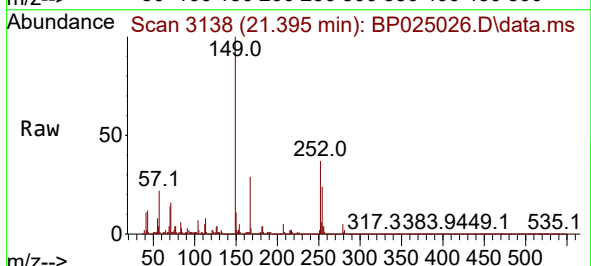
Tgt Ion:149 Resp: 2367492

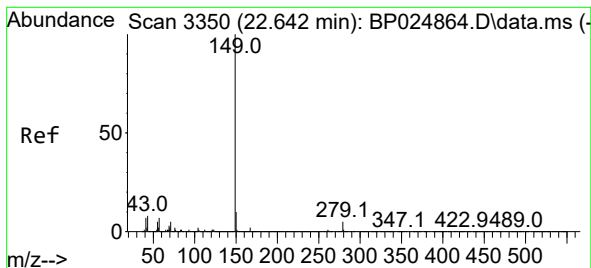
Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.4

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.127 ng

RT: 22.630 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

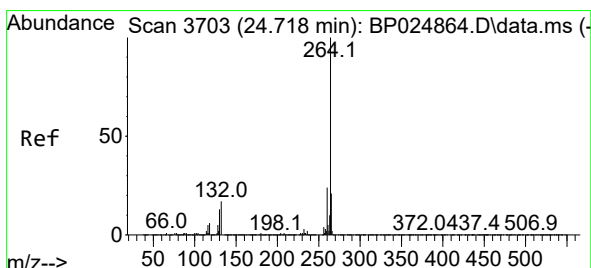
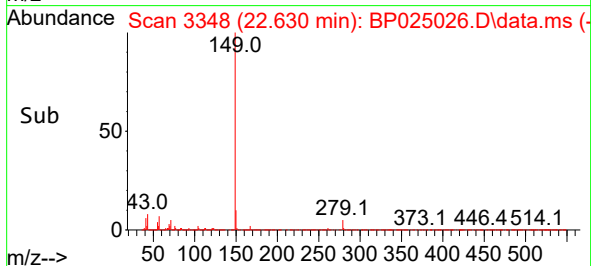
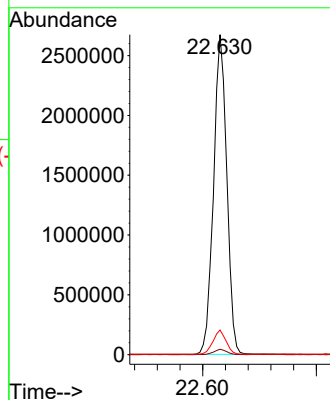
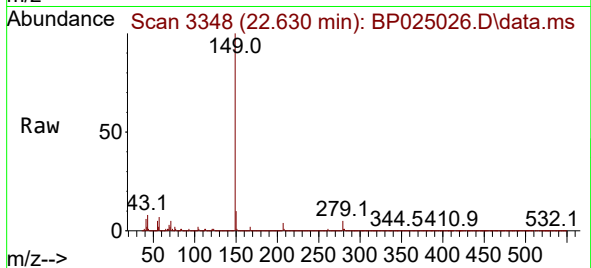
Tgt Ion:149 Resp: 4309960

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.035 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

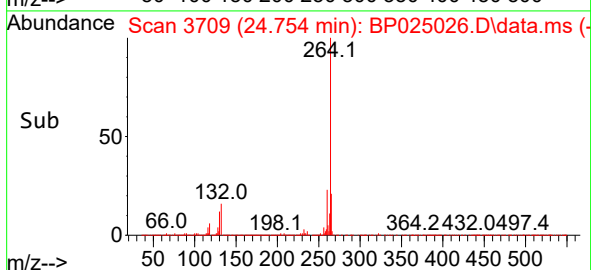
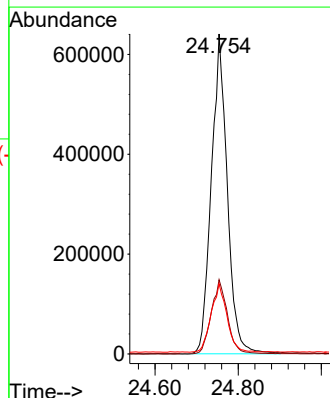
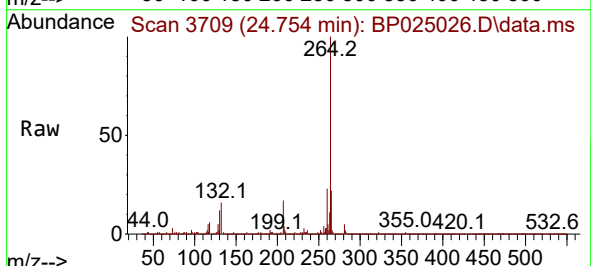
Tgt Ion:264 Resp: 1703015

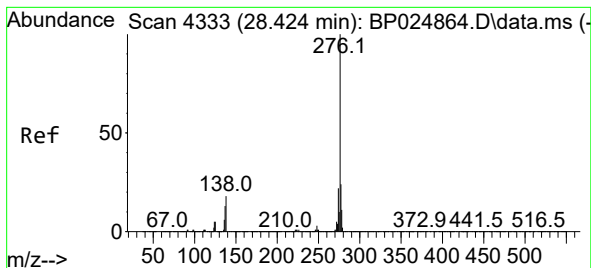
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.459 ng

RT: 28.489 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

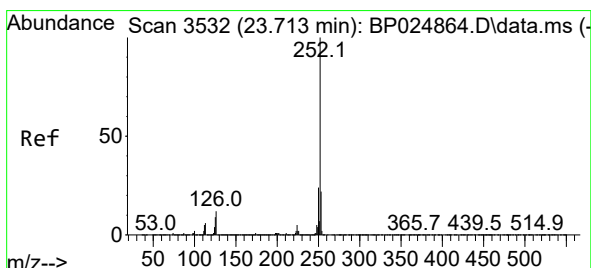
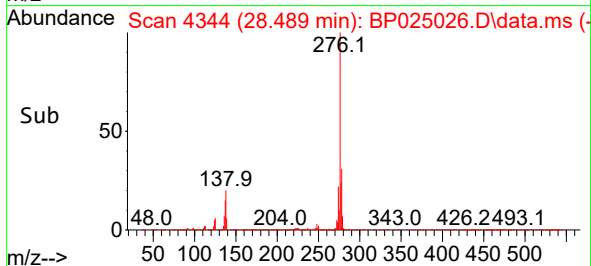
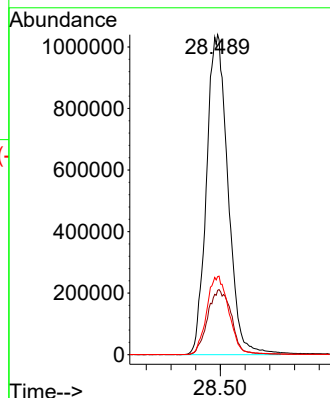
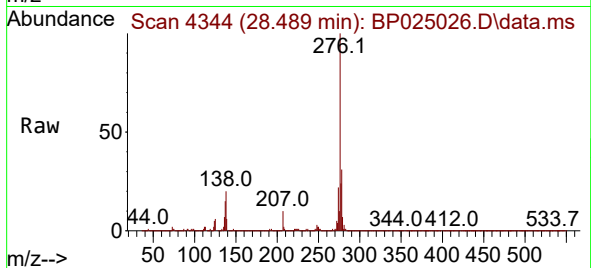
Tgt Ion:276 Resp: 6269775

Ion Ratio Lower Upper

276 100

138 22.6 18.6 27.8

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.619 ng

RT: 23.719 min Scan# 3533

Delta R.T. 0.006 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

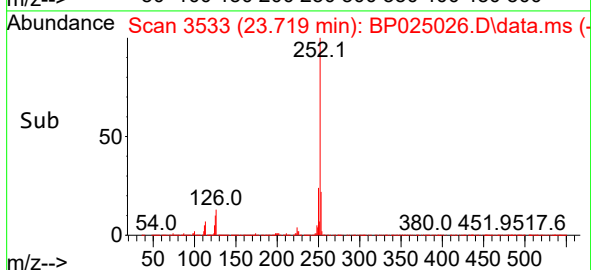
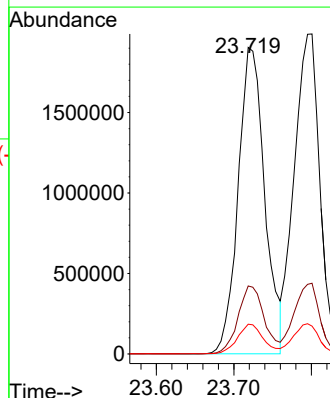
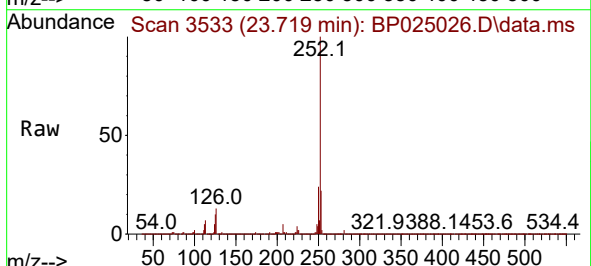
Tgt Ion:252 Resp: 4543677

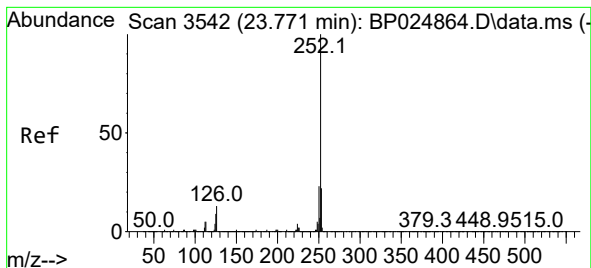
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.167 ng

RT: 23.801 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

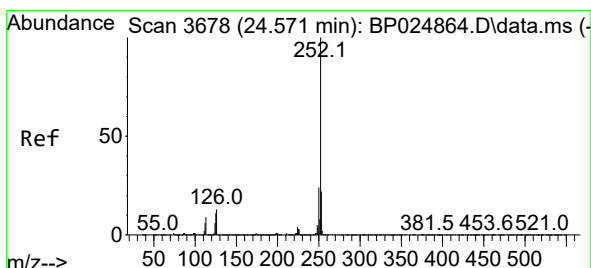
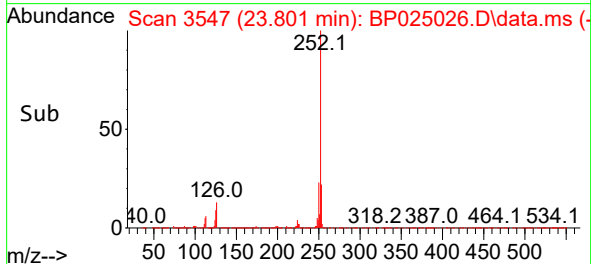
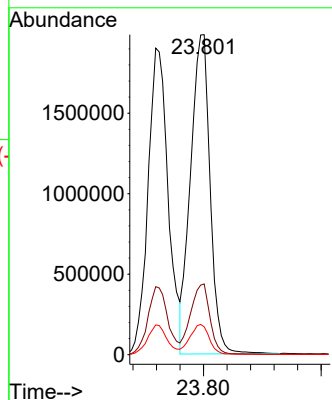
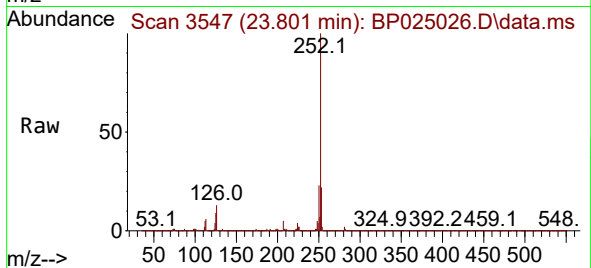
Tgt Ion:252 Resp: 4580169

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.7 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.486 ng

RT: 24.613 min Scan# 3685

Delta R.T. 0.041 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

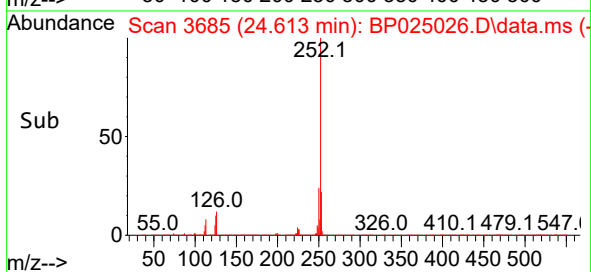
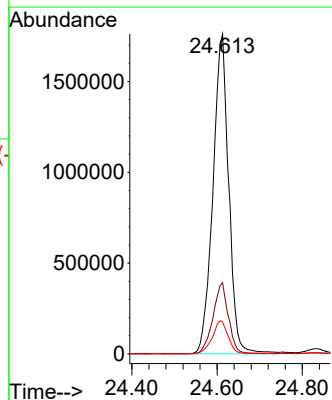
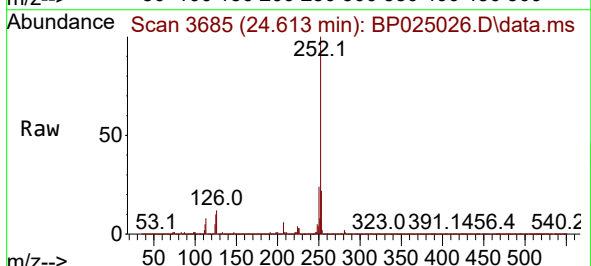
Tgt Ion:252 Resp: 4519783

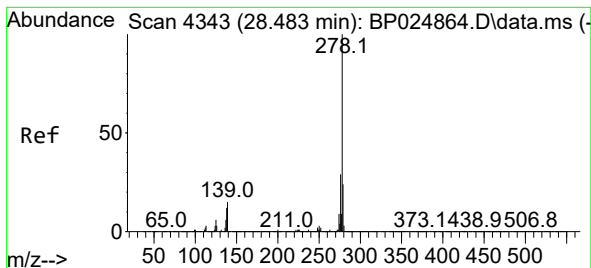
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.984 ng

RT: 28.530 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Instrument :

BNA_P

ClientSampleId :

3897MSD

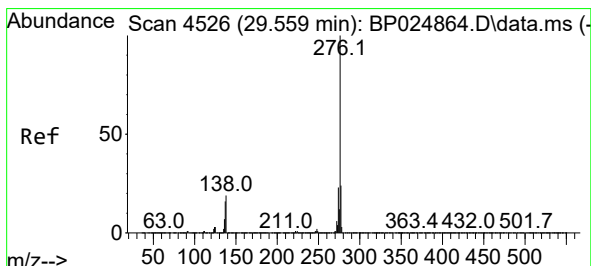
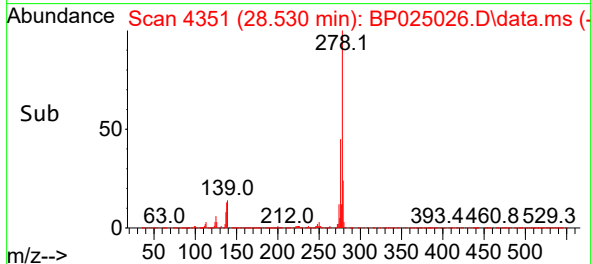
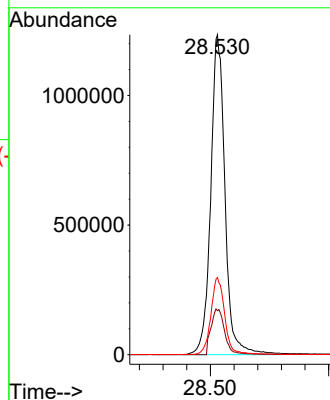
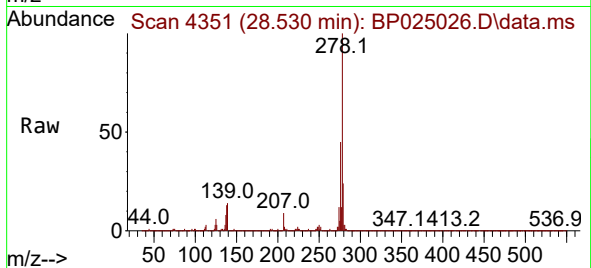
Tgt Ion:278 Resp: 5156582

Ion Ratio Lower Upper

278 100

139 13.8 12.0 18.0

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.215 ng

RT: 29.636 min Scan# 4539

Delta R.T. 0.077 min

Lab File: BP025026.D

Acq: 20 Jun 2025 20:28

Tgt Ion:276 Resp: 5039141

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.1 15.4 23.2

