

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
 Data File : BP025347.D
 Acq On : 11 Aug 2025 13:59
 Operator : CG/JU
 Sample : Q2779-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4MS

Quant Time: Aug 11 14:21:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	215026	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	827224	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	489140	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	963190	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1028742	20.000	ng	0.01
86) Perylene-d12	25.054	264	1199045	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1516463	113.429	ng	0.00
7) Phenol-d6	6.966	99	1691568	96.140	ng	0.00
23) Nitrobenzene-d5	8.937	82	1257842	84.241	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	709898	145.479	ng	0.01
45) 2-Fluorobiphenyl	13.031	172	2804854	79.202	ng	0.00
79) Terphenyl-d14	19.942	244	4267258	78.347	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	207864	39.399	ng	# 56
3) Pyridine	3.737	79	503972	34.382	ng	95
4) n-Nitrosodimethylamine	3.637	42	240982	35.412	ng	91
6) Aniline	7.131	93	494125	20.458	ng	97
8) 2-Chlorophenol	7.366	128	606825	41.467	ng	98
9) Benzaldehyde	6.943	77	232672	18.619	ng	98
10) Phenol	6.990	94	634652	33.712	ng	98
11) bis(2-Chloroethyl)ether	7.225	93	565655	38.348	ng	97
12) 1,3-Dichlorobenzene	7.690	146	671423	40.833	ng	99
13) 1,4-Dichlorobenzene	7.837	146	679324	40.835	ng	99
14) 1,2-Dichlorobenzene	8.149	146	649837	40.324	ng	99
15) Benzyl Alcohol	8.031	79	499989	36.660	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	779898	33.470	ng	97
17) 2-Methylphenol	8.231	107	471456	37.426	ng	98
18) Hexachloroethane	8.872	117	249678	41.968	ng	99
19) n-Nitroso-di-n-propyla...	8.590	70	417733	36.135	ng	95
20) 3+4-Methylphenols	8.549	107	626961	36.144	ng	98
22) Acetophenone	8.607	105	868680	41.831	ng	# 96
24) Nitrobenzene	8.978	77	619446	43.825	ng	96
25) Isophorone	9.502	82	1182137	39.773	ng	99
26) 2-Nitrophenol	9.684	139	313121	50.639	ng	97
27) 2,4-Dimethylphenol	9.749	122	554584	40.472	ng	99
28) bis(2-Chloroethoxy)met...	9.978	93	742799	41.082	ng	99
29) 2,4-Dichlorophenol	10.219	162	531419	44.297	ng	97
30) 1,2,4-Trichlorobenzene	10.437	180	585403	44.230	ng	99
31) Naphthalene	10.625	128	1828824	42.587	ng	99
32) Benzoic acid	9.854	122	377146	48.174	ng	98
33) 4-Chloroaniline	10.719	127	185621	9.719	ng	99
34) Hexachlorobutadiene	10.913	225	337134	44.374	ng	99
35) Caprolactam	11.490	113	163034	35.031	ng	92
36) 4-Chloro-3-methylphenol	11.843	107	570678	41.111	ng	98
37) 2-Methylnaphthalene	12.231	142	1149468	41.355	ng	98
38) 1-Methylnaphthalene	12.454	142	1199034	41.343	ng	99
40) 1,2,4,5-Tetrachloroben...	12.601	216	612780	45.887	ng	99
41) Hexachlorocyclopentadiene	12.584	237	722825	87.699	ng	99
43) 2,4,6-Trichlorophenol	12.837	196	421310	48.838	ng	98

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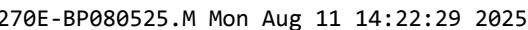
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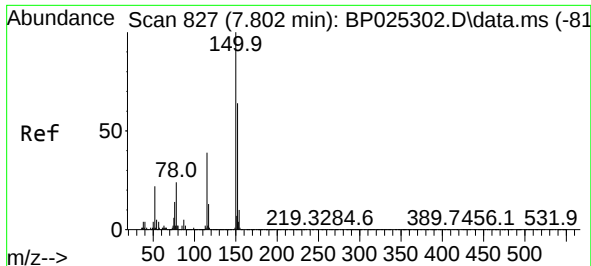
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 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	456875	47.211	ng	99
46) 1,1'-Biphenyl	13.243	154	1616143	44.834	ng	99
47) 2-Chloronaphthalene	13.284	162	1249184	45.423	ng	99
48) 2-Nitroaniline	13.478	65	359356	44.817	ng	97
49) Acenaphthylene	14.143	152	2074160	45.215	ng	100
50) Dimethylphthalate	13.872	163	1596246	44.766	ng	99
51) 2,6-Dinitrotoluene	13.978	165	337273	51.279	ng	89
52) Acenaphthene	14.484	154	1402509	50.123	ng	100
53) 3-Nitroaniline	14.307	138	152456	19.809	ng	95
54) 2,4-Dinitrophenol	14.525	184	360563	90.781	ng	# 47
55) Dibenzofuran	14.825	168	1866777	44.644	ng	100
56) 4-Nitrophenol	14.619	139	572659	84.309	ng	93
57) 2,4-Dinitrotoluene	14.778	165	486643	47.748	ng	94
58) Fluorene	15.484	166	1484036	45.188	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	399977	49.479	ng	98
60) Diethylphthalate	15.260	149	1613945	44.895	ng	99
61) 4-Chlorophenyl-phenyle...	15.478	204	711242	45.682	ng	98
62) 4-Nitroaniline	15.484	138	353901	46.408	ng	92
63) Azobenzene	15.778	77	1427417	42.741	ng	98
65) 4,6-Dinitro-2-methylph...	15.560	198	258567	56.726	ng	91
66) n-Nitrosodiphenylamine	15.695	169	1302721	44.420	ng	100
67) 4-Bromophenyl-phenylether	16.395	248	440263	45.428	ng	96
68) Hexachlorobenzene	16.507	284	499860	45.967	ng	99
69) Atrazine	16.678	200	493738	47.872	ng	98
70) Pentachlorophenol	16.860	266	724213	104.533	ng	100
71) Phenanthrene	17.266	178	2411485	45.711	ng	100
72) Anthracene	17.360	178	2421360	45.520	ng	100
73) Carbazole	17.631	167	2358026	46.181	ng	99
74) Di-n-butylphthalate	18.236	149	2962245	47.954	ng	99
75) Fluoranthene	19.354	202	2850542	46.676	ng	99
77) Benzidine	19.536	184	707069	18.989	ng	99
78) Pyrene	19.730	202	2973995	43.474	ng	99
80) Butylbenzylphthalate	20.677	149	1428226	51.478	ng	99
81) Benzo(a)anthracene	21.648	228	3062996	44.805	ng	99
82) 3,3'-Dichlorobenzidine	21.566	252	718263	29.779	ng	99
83) Chrysene	21.719	228	2870570	45.272	ng	100
84) Bis(2-ethylhexyl)phtha...	21.607	149	2140669	48.321	ng	99
85) Di-n-octyl phthalate	22.907	149	3767561	50.808	ng	97
87) Indeno(1,2,3-cd)pyrene	28.930	276	3404249	39.611	ng	# 93
88) Benzo(b)fluoranthene	23.977	252	3205754	44.663	ng	99
89) Benzo(k)fluoranthene	24.048	252	3179723	44.688	ng	100
90) Benzo(a)pyrene	24.883	252	3153593	45.623	ng	100
91) Dibenzo(a,h)anthracene	29.006	278	3364601	47.802	ng	99
92) Benzo(g,h,i)perylene	30.124	276	3321083	48.076	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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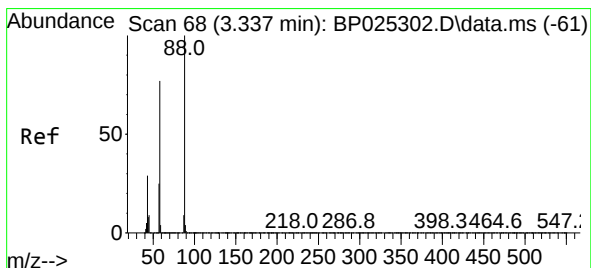
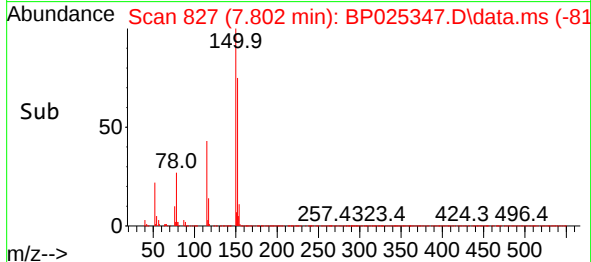
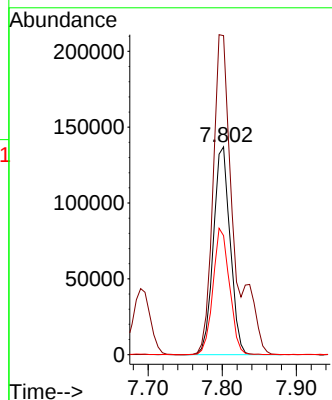
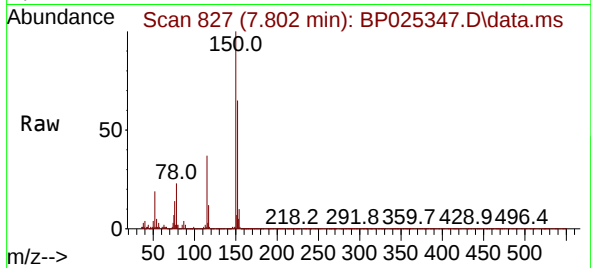




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025347.D
 Acq: 11 Aug 2025 13:59

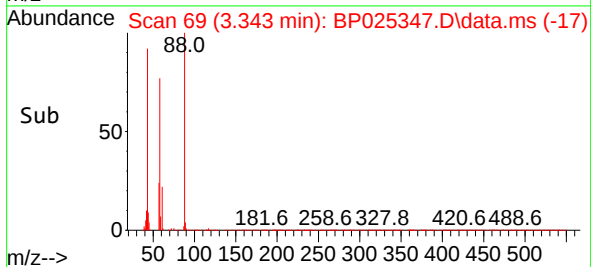
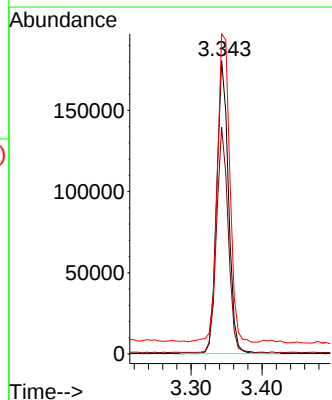
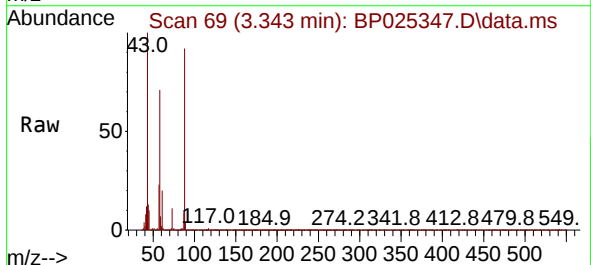
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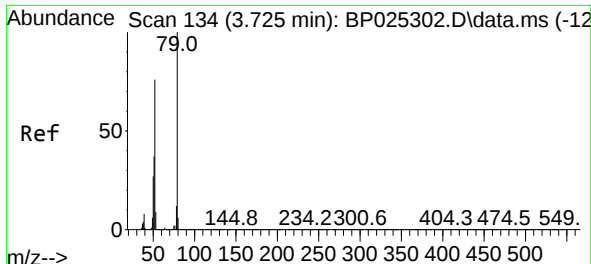
Tgt Ion:152 Resp: 215026
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.1 187.7
 115 57.3 48.4 72.6



#2
 1,4-Dioxane
 Concen: 39.399 ng
 RT: 3.343 min Scan# 69
 Delta R.T. 0.006 min
 Lab File: BP025347.D
 Acq: 11 Aug 2025 13:59

Tgt Ion: 88 Resp: 207864
 Ion Ratio Lower Upper
 88 100
 58 75.4 61.9 92.9
 43 111.4 24.2 36.2#

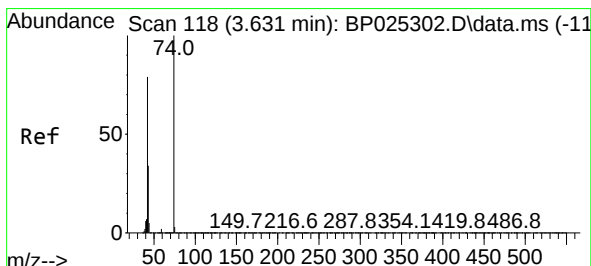
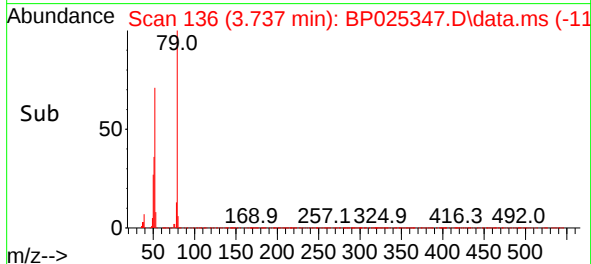
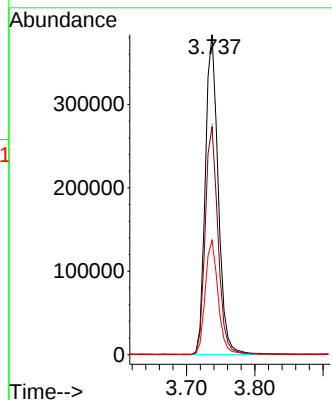
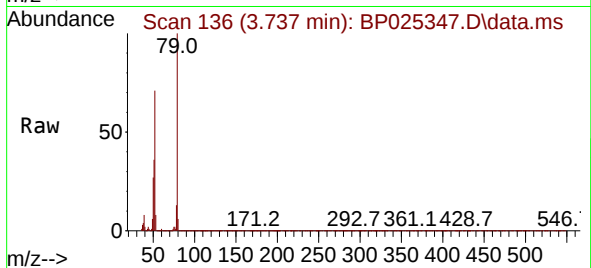




#3
Pyridine
Concen: 34.382 ng
RT: 3.737 min Scan# 119
Delta R.T. 0.012 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

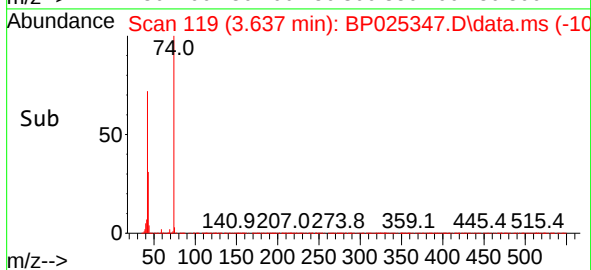
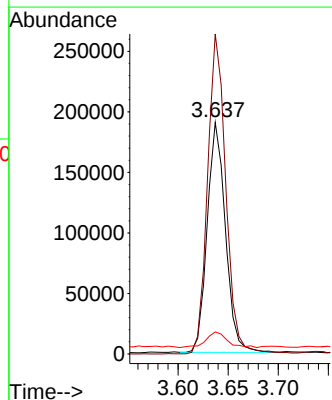
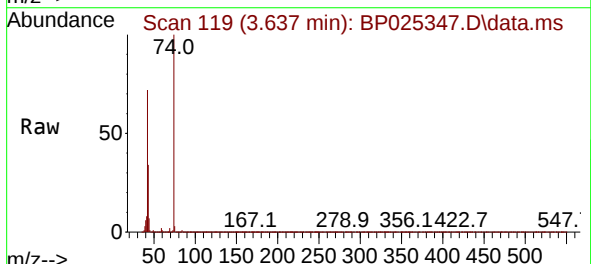
Instrument :
BNA_P
ClientSampleId :
TP-4MS

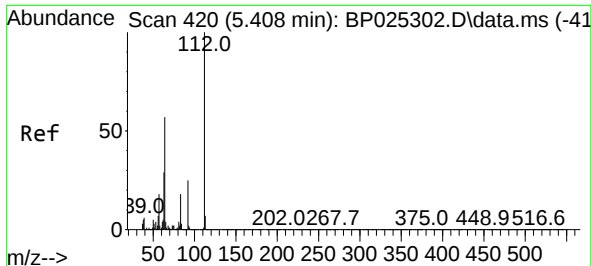
Tgt Ion: 79 Resp: 503972
Ion Ratio Lower Upper
79 100
52 71.2 60.5 90.7
51 35.7 30.2 45.2



#4
n-Nitrosodimethylamine
Concen: 35.412 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 42 Resp: 240982
Ion Ratio Lower Upper
42 100
74 138.2 101.4 152.2
44 9.5 7.6 11.4

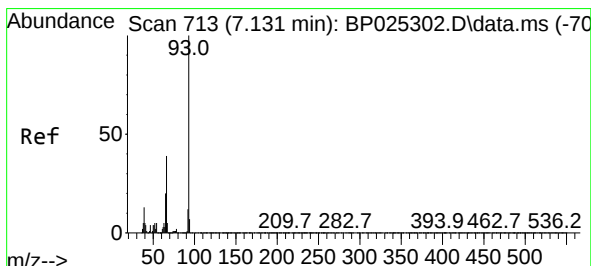
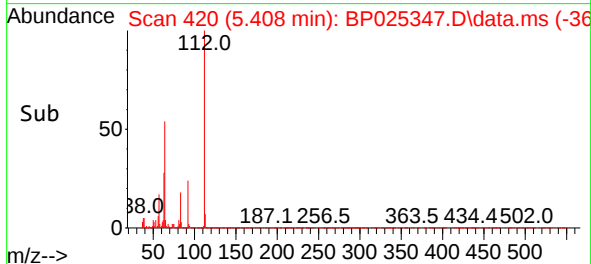
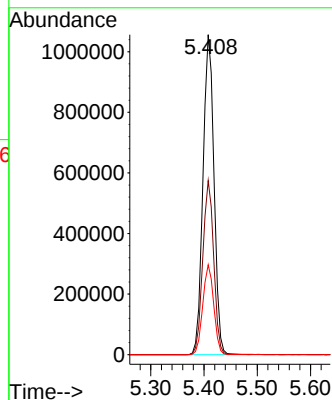
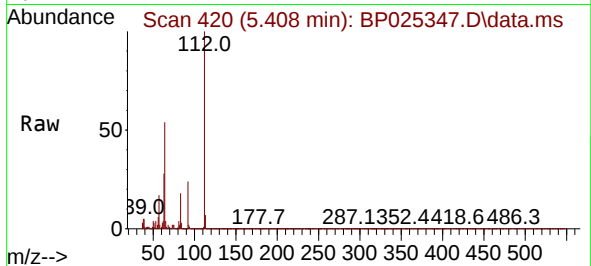




#5
2-Fluorophenol
Concen: 113.429 ng
RT: 5.408 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

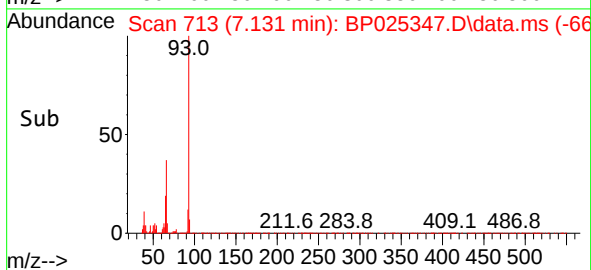
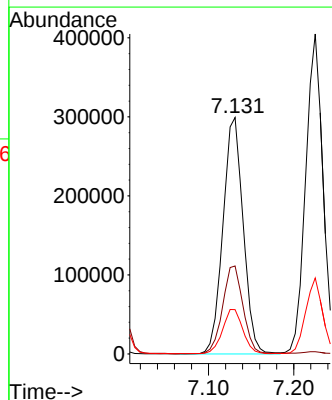
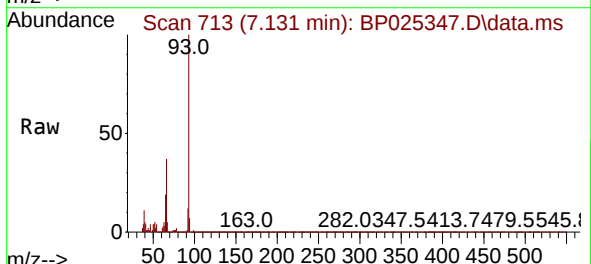
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ClientSampleId :
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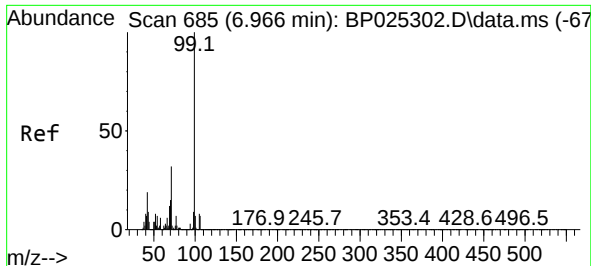
Tgt Ion:112 Resp: 1516463
Ion Ratio Lower Upper
112 100
64 54.4 45.3 67.9
63 28.1 23.0 34.6



#6
Aniline
Concen: 20.458 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 93 Resp: 494125
Ion Ratio Lower Upper
93 100
66 37.2 31.1 46.7
65 18.7 15.8 23.8

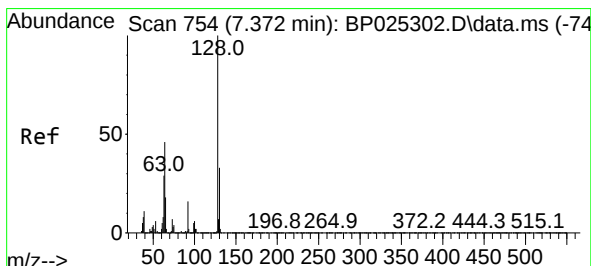
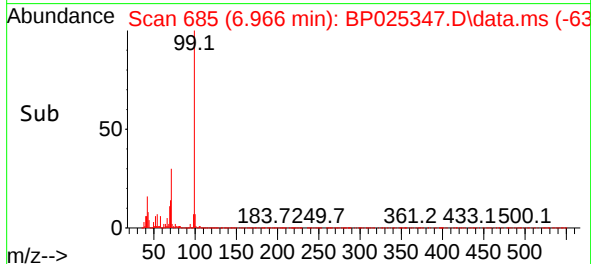
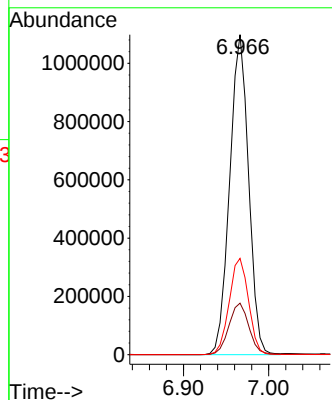
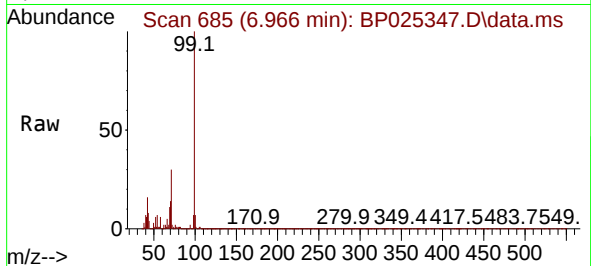




#7
Phenol-d6
Concen: 96.140 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

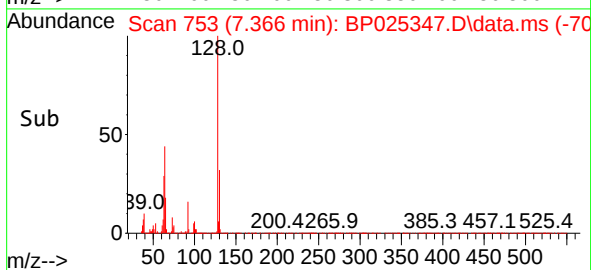
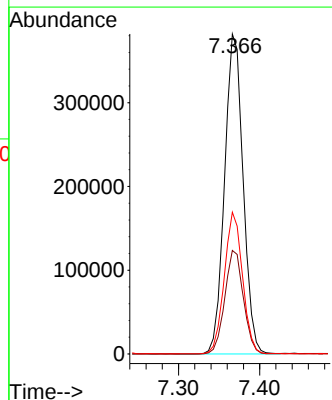
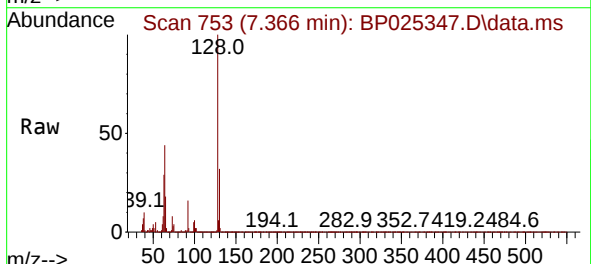
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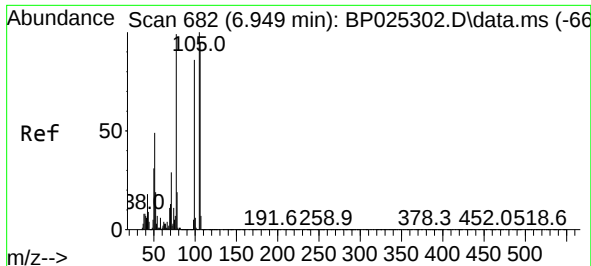
Tgt Ion: 99 Resp: 1691568
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.6
71 30.1 25.5 38.3



#8
2-Chlorophenol
Concen: 41.467 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 128 Resp: 606825
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 44.3 26.1 66.1

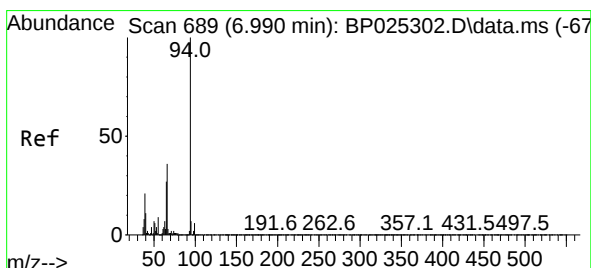
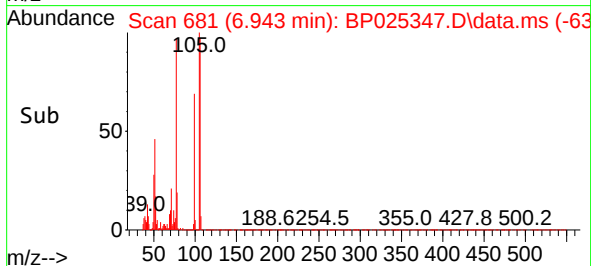
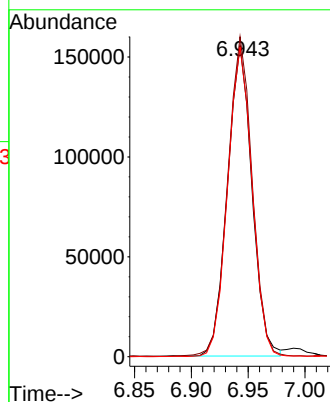
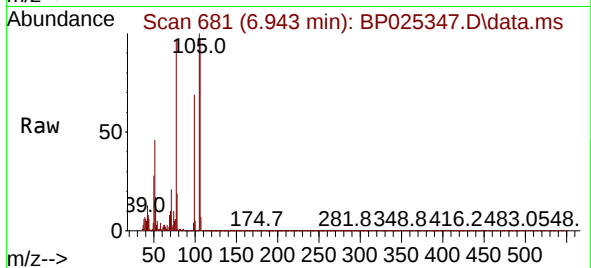




#9
Benzaldehyde
Concen: 18.619 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

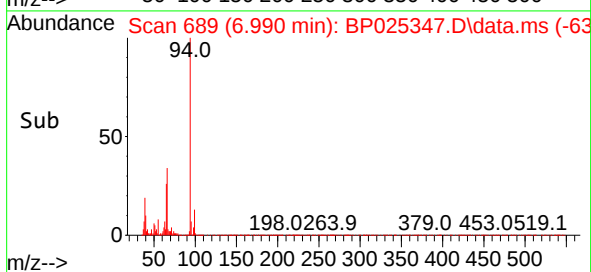
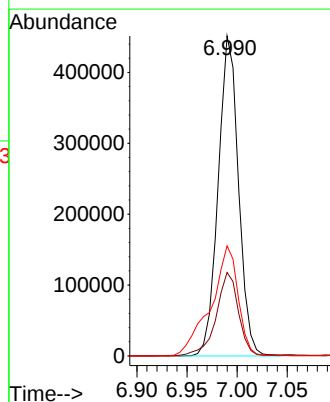
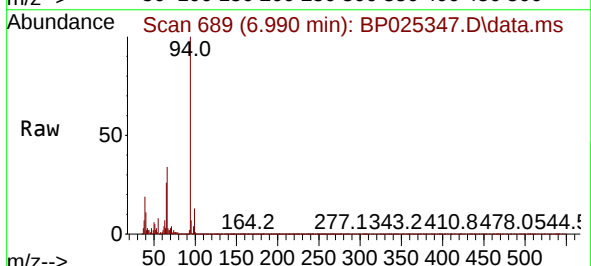
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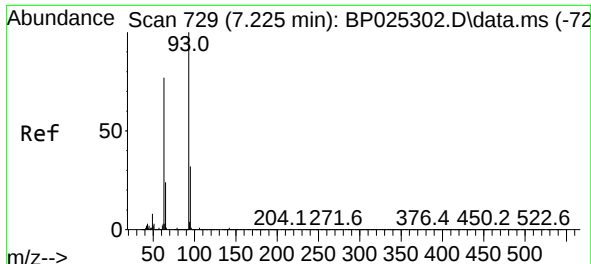
Tgt Ion: 77 Resp: 232672
Ion Ratio Lower Upper
77 100
105 102.8 81.4 121.4
106 99.4 76.2 116.2



#10
Phenol
Concen: 33.712 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025347.D
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Tgt Ion: 94 Resp: 634652
Ion Ratio Lower Upper
94 100
65 26.1 7.3 47.3
66 34.4 15.7 55.7

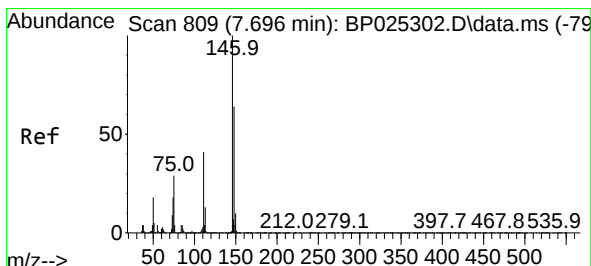
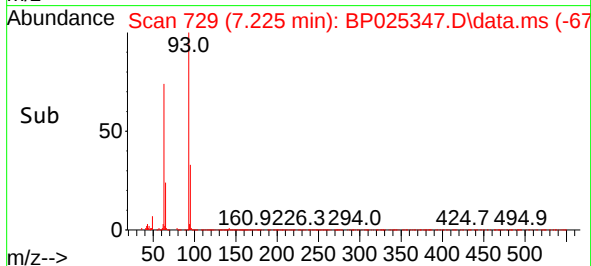
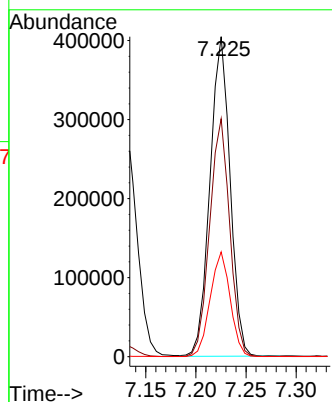
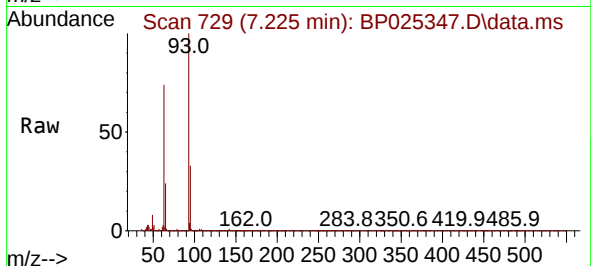




#11
 bis(2-Chloroethyl)ether
 Concen: 38.348 ng
 RT: 7.225 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP025347.D
 Acq: 11 Aug 2025 13:59

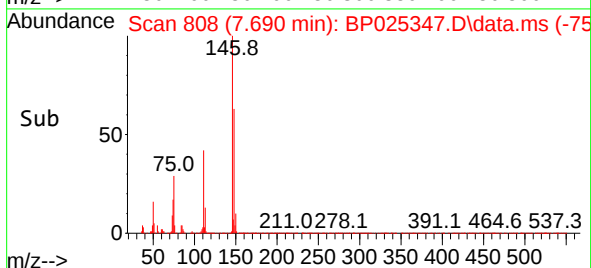
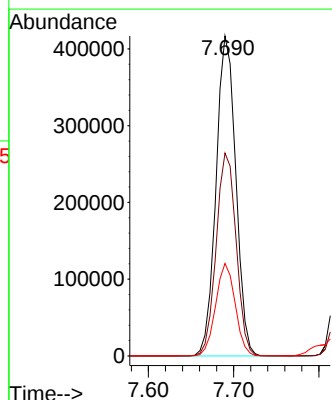
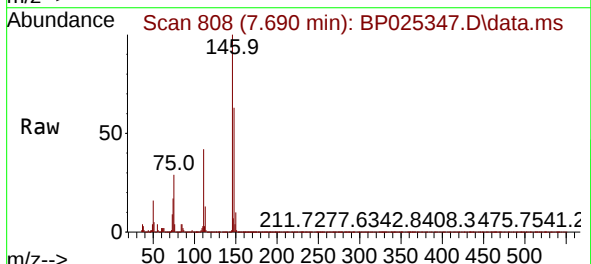
Instrument :
 BNA_P
 ClientSampleId :
 TP-4MS

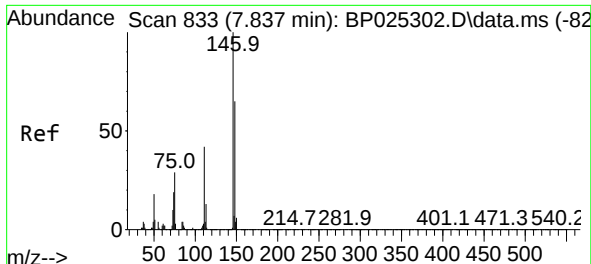
Tgt Ion: 93 Resp: 565655
 Ion Ratio Lower Upper
 93 100
 63 74.3 57.0 97.0
 95 32.7 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 40.833 ng
 RT: 7.690 min Scan# 808
 Delta R.T. -0.006 min
 Lab File: BP025347.D
 Acq: 11 Aug 2025 13:59

Tgt Ion: 146 Resp: 671423
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 75 28.9 23.2 34.8

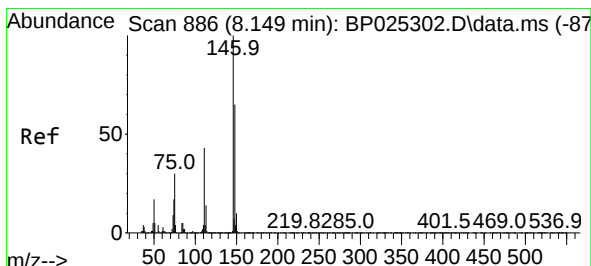
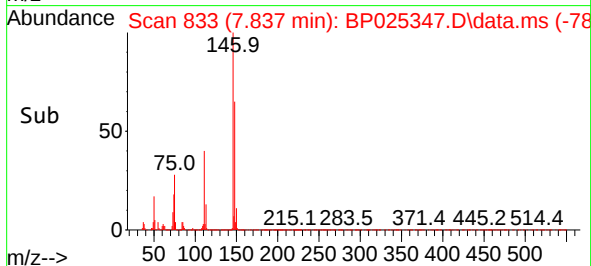
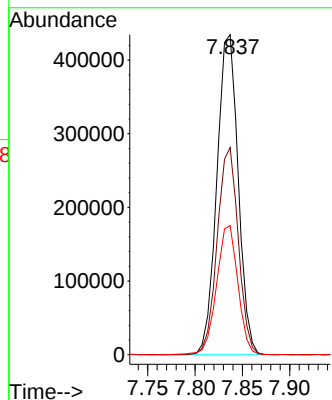
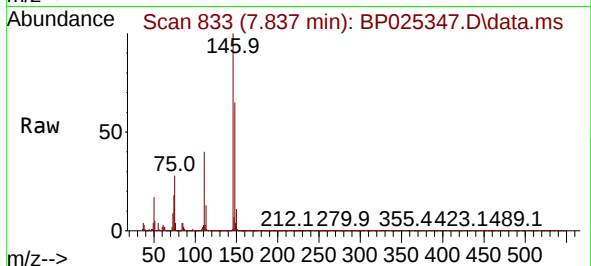




#13
1,4-Dichlorobenzene
Concen: 40.835 ng
RT: 7.837 min Scan# 811
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

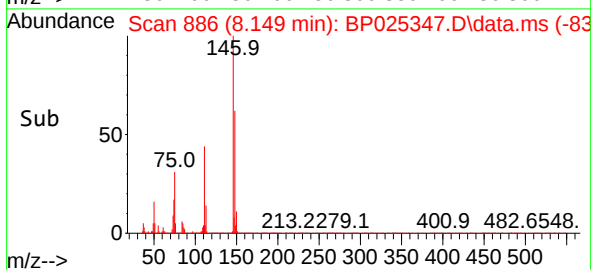
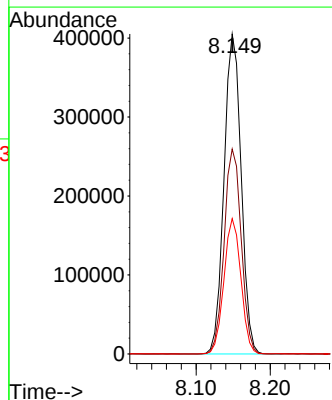
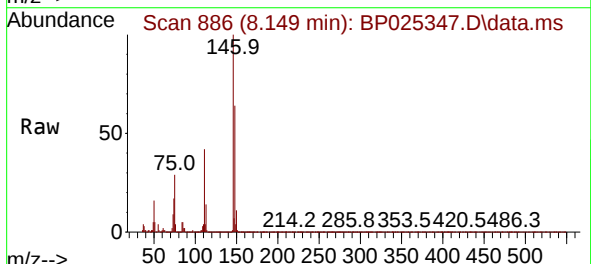
Instrument :
BNA_P
ClientSampleId :
TP-4MS

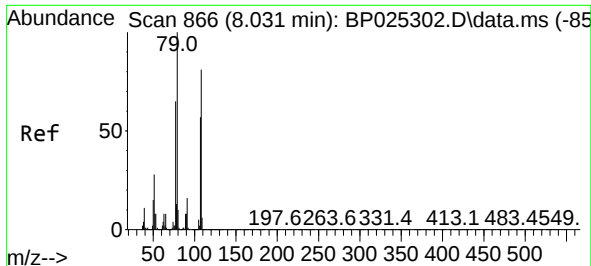
Tgt Ion:146 Resp: 679324
Ion Ratio Lower Upper
146 100
148 64.8 52.0 78.0
111 40.3 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 40.324 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:146 Resp: 649837
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
111 42.3 34.4 51.6

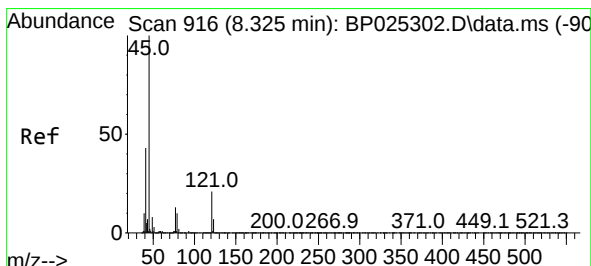
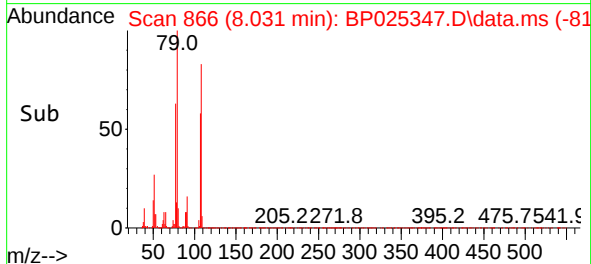
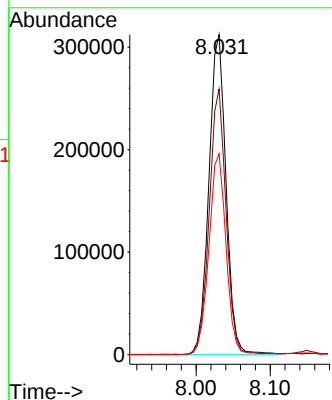
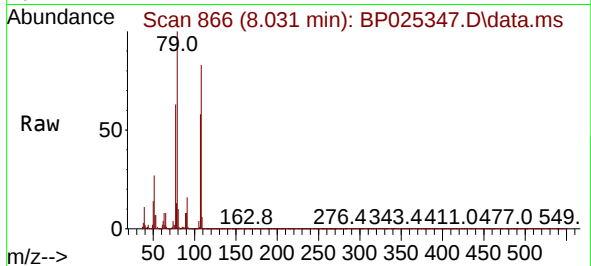




#15
Benzyl Alcohol
Concen: 36.660 ng
RT: 8.031 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

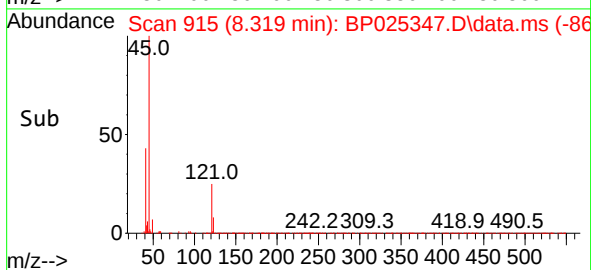
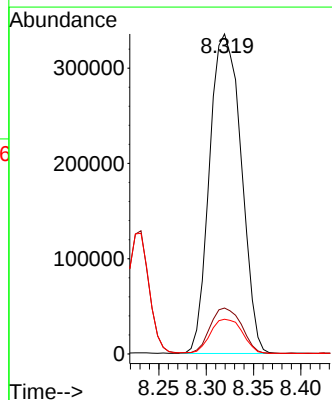
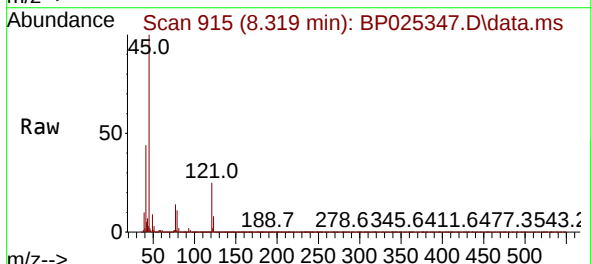
Instrument :
BNA_P
ClientSampleId :
TP-4MS

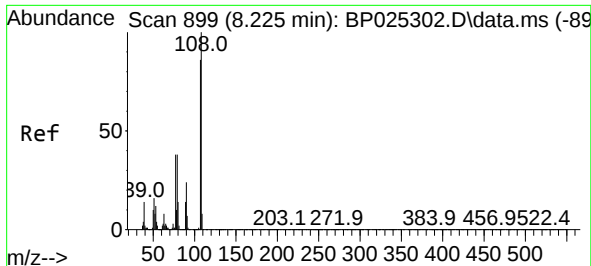
Tgt Ion: 79 Resp: 499989
Ion Ratio Lower Upper
79 100
108 83.0 64.5 96.7
77 62.8 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.470 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 45 Resp: 779898
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.0
79 10.9 0.0 29.8

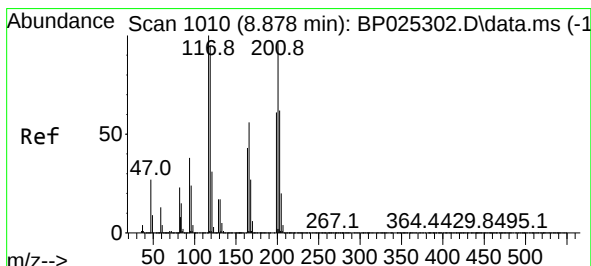
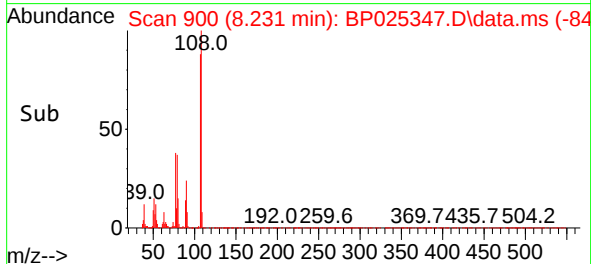
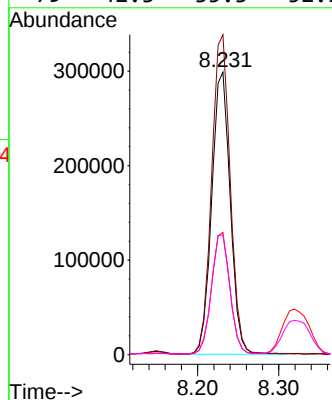
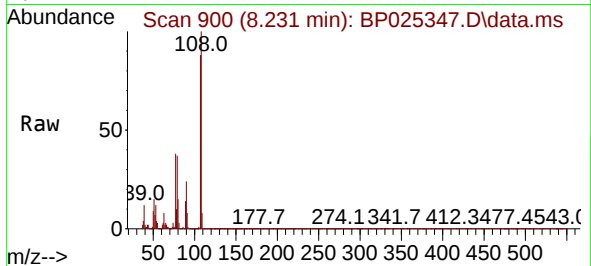




#17
2-Methylphenol
Concen: 37.426 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

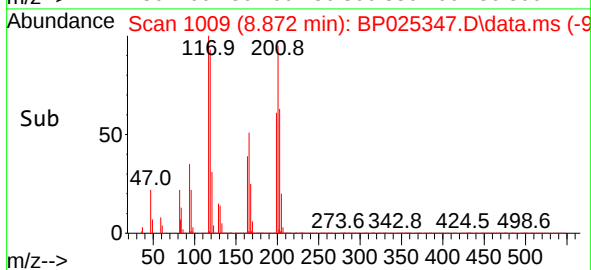
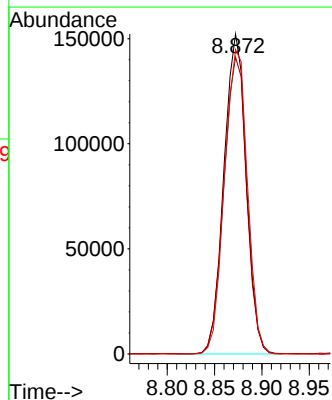
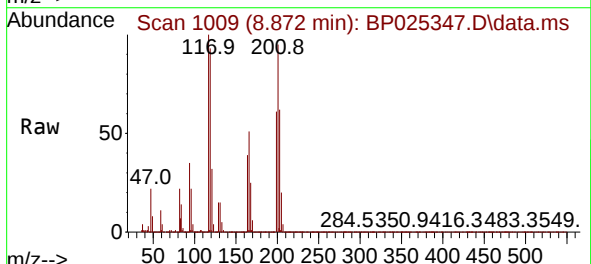
Instrument :
BNA_P
ClientSampleId :
TP-4MS

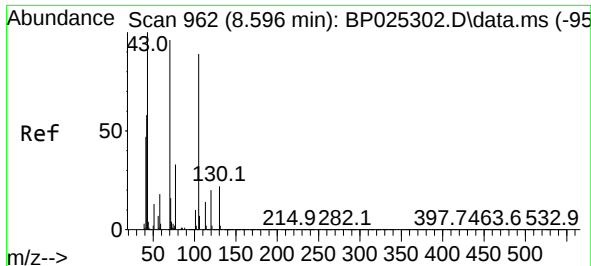
Tgt Ion:	107	Resp:	471456
Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.6	139.0
77	43.3	35.4	53.2
79	42.3	35.3	52.9



#18
Hexachloroethane
Concen: 41.968 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:	117	Resp:	249678
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.8
201	95.1	76.6	114.8

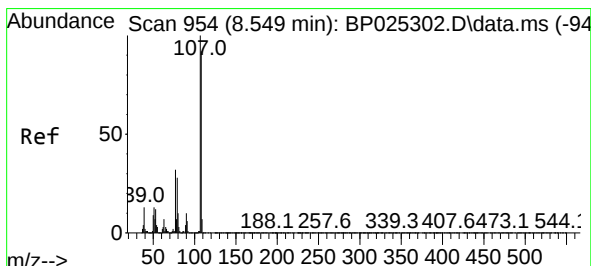
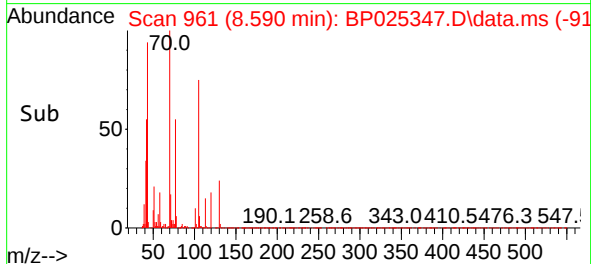
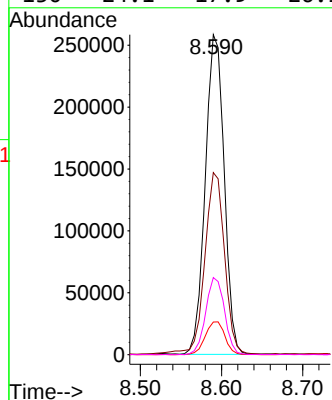
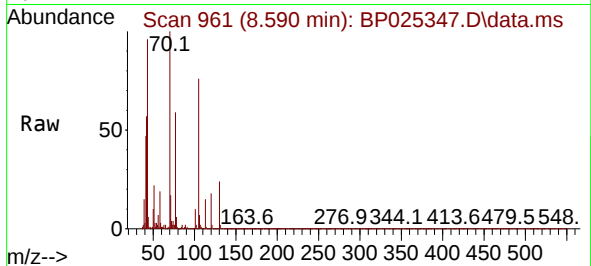




#19
n-Nitroso-di-n-propylamine
Concen: 36.135 ng
RT: 8.590 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

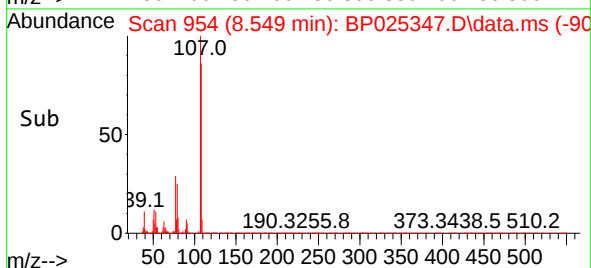
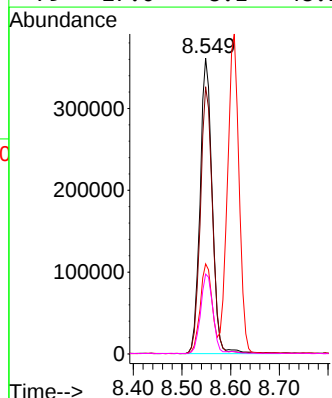
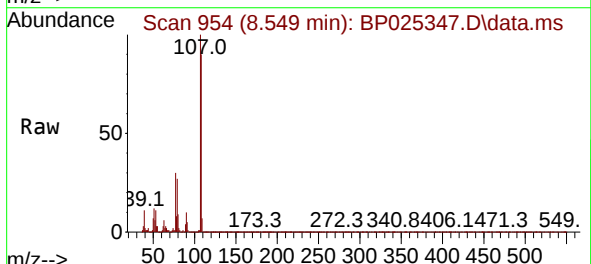
Instrument :
BNA_P
ClientSampleId :
TP-4MS

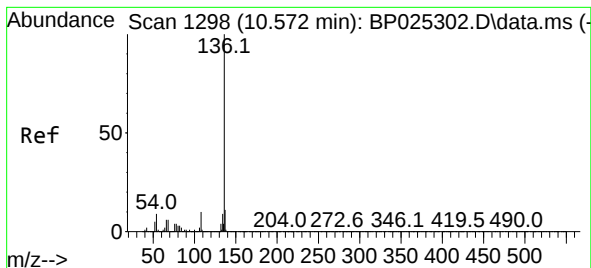
Tgt Ion: 70 Resp: 417733
Ion Ratio Lower Upper
70 100
42 56.9 49.4 74.0
101 10.2 7.9 11.9
130 24.1 17.9 26.9



#20
3+4-Methylphenols
Concen: 36.144 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 107 Resp: 626961
Ion Ratio Lower Upper
107 100
108 90.3 71.9 111.9
77 30.5 12.0 52.0
79 27.0 8.1 48.1

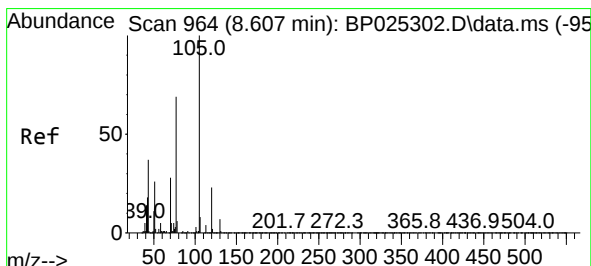
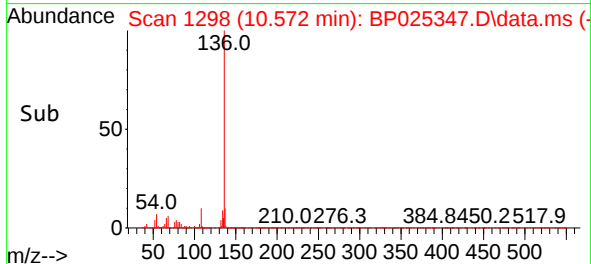
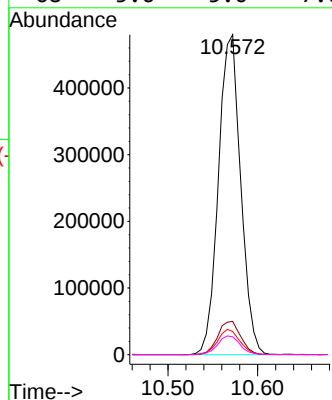
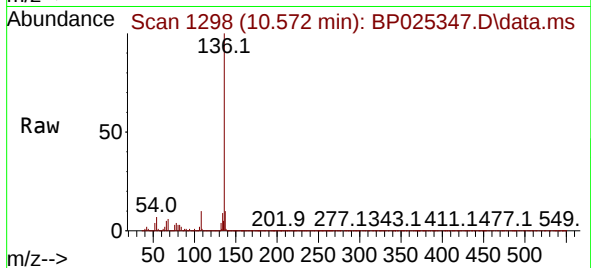




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

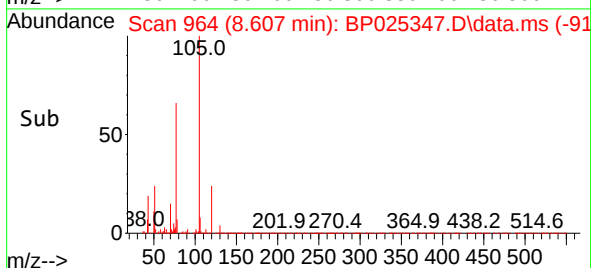
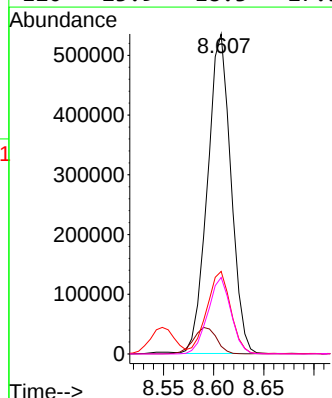
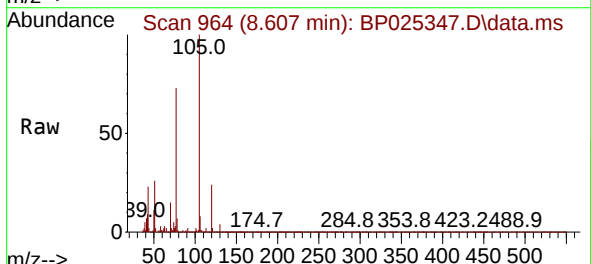
Instrument :
BNA_P
ClientSampleId :
TP-4MS

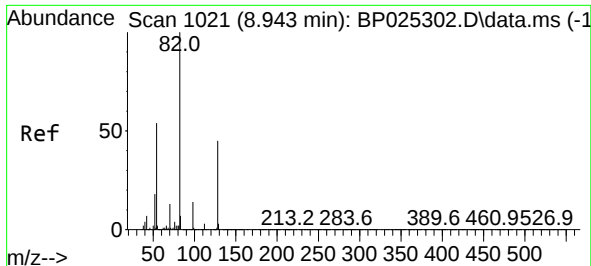
Tgt Ion:	136	Resp:	827224
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.3	7.0	10.6
68	5.6	5.0	7.6



#22
Acetophenone
Concen: 41.831 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:	105	Resp:	868680
Ion	Ratio	Lower	Upper
105	100		
71	2.4	4.1	6.1
51	25.8	22.7	34.1
120	23.9	18.3	27.5

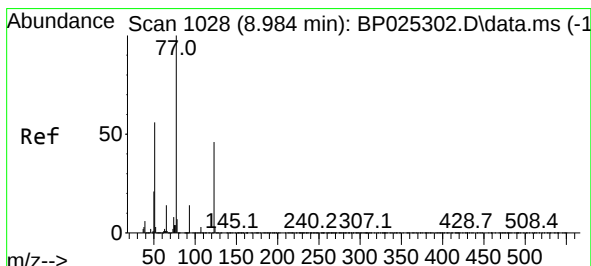
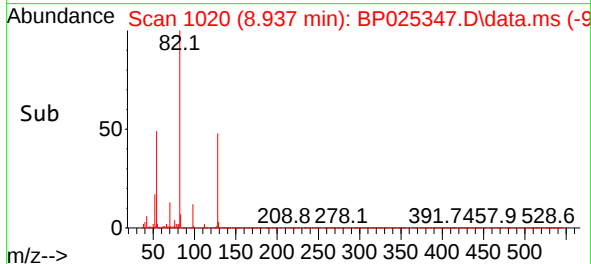
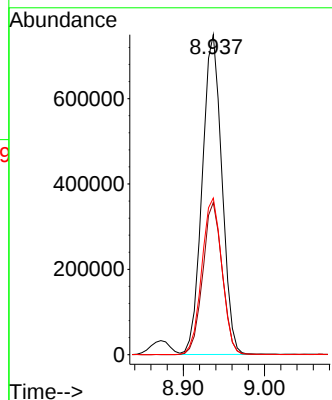
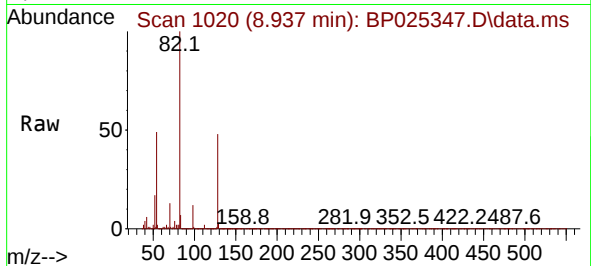




#23
Nitrobenzene-d5
Concen: 84.241 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

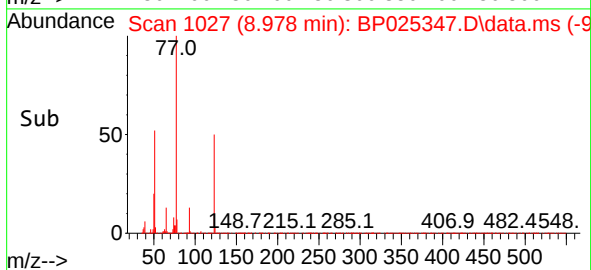
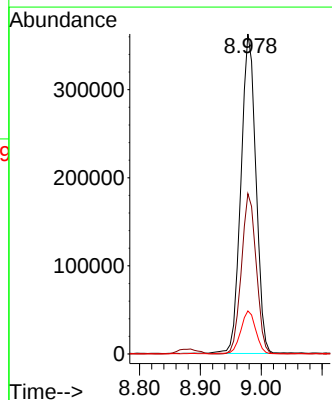
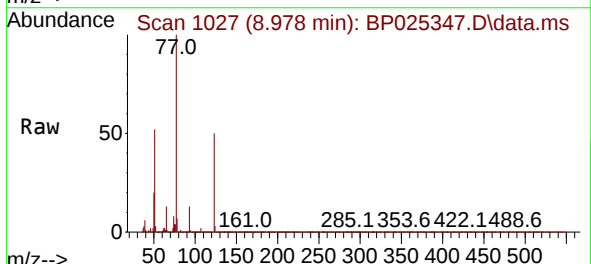
Instrument :
BNA_P
ClientSampleId :
TP-4MS

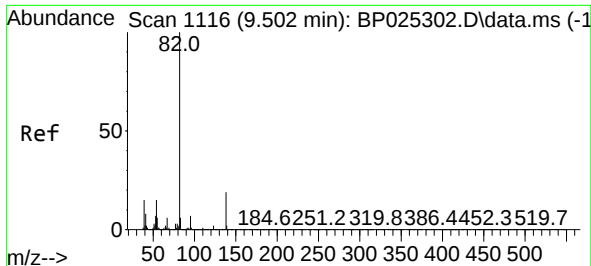
Tgt Ion: 82 Resp: 1257842
Ion Ratio Lower Upper
82 100
128 47.6 35.4 53.2
54 48.9 42.9 64.3



#24
Nitrobenzene
Concen: 43.825 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 77 Resp: 619446
Ion Ratio Lower Upper
77 100
123 50.1 37.4 56.2
65 13.4 11.1 16.7

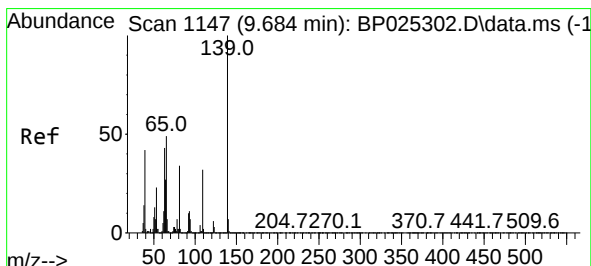
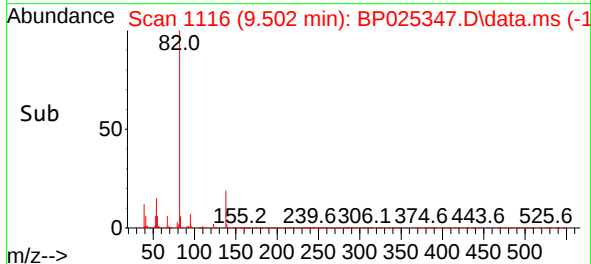
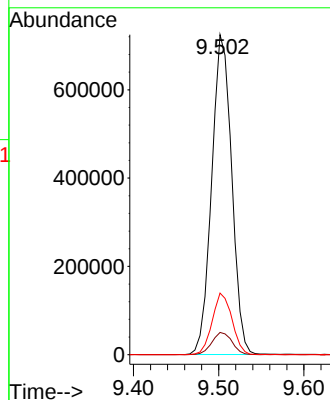
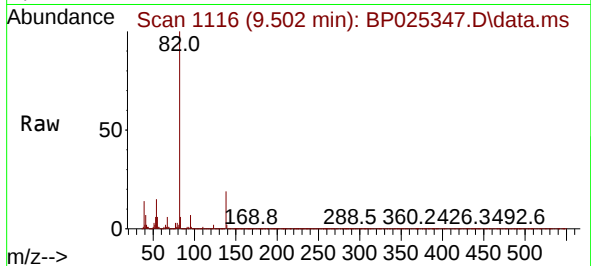




#25
Isophorone
Concen: 39.773 ng
RT: 9.502 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

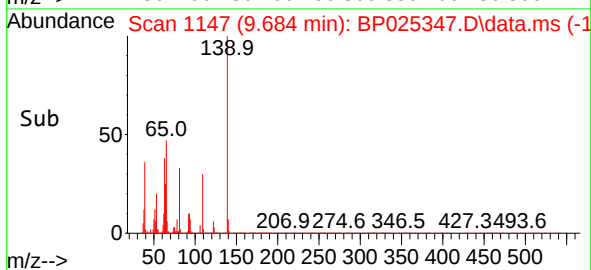
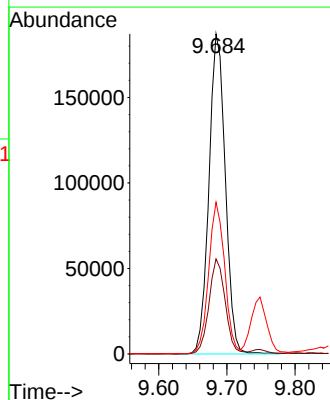
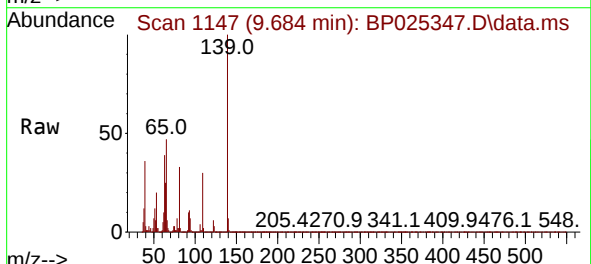
Instrument :
BNA_P
ClientSampleId :
TP-4MS

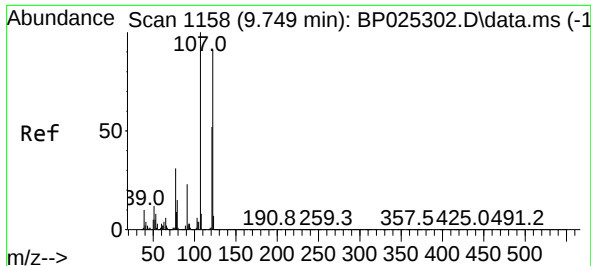
Tgt Ion: 82 Resp: 1182137
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.2 15.0 22.6



#26
2-Nitrophenol
Concen: 50.639 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 139 Resp: 313121
Ion Ratio Lower Upper
139 100
109 29.7 25.2 37.8
65 47.4 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 40.472 ng

RT: 9.749 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

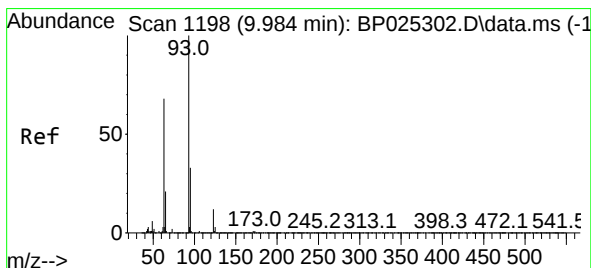
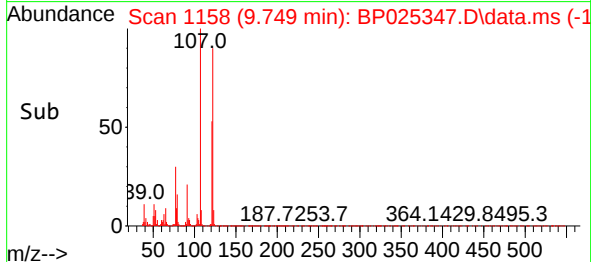
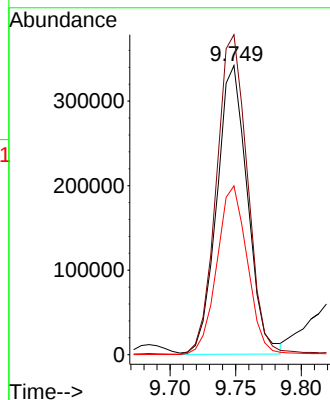
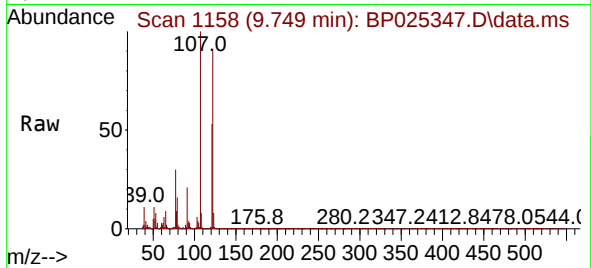
Tgt Ion:122 Resp: 554584

Ion Ratio Lower Upper

122 100

107 110.7 87.4 131.0

121 58.4 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.082 ng

RT: 9.978 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

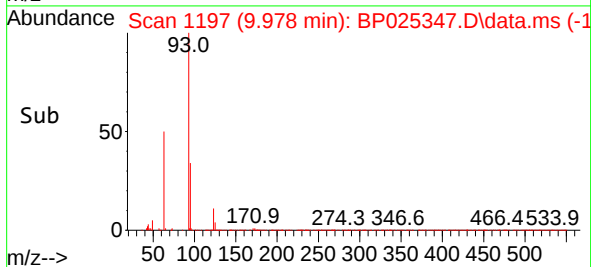
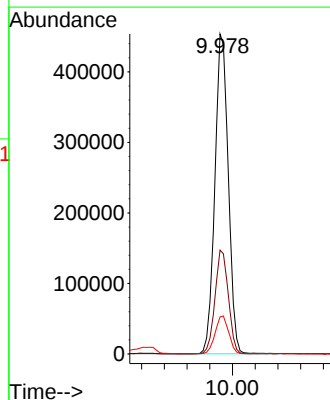
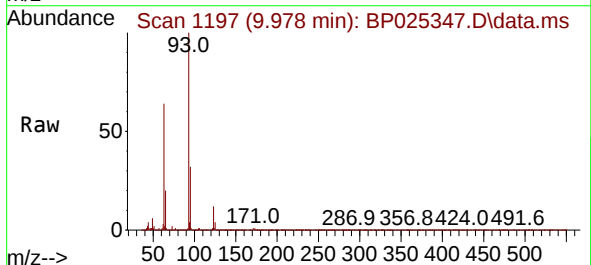
Tgt Ion: 93 Resp: 742799

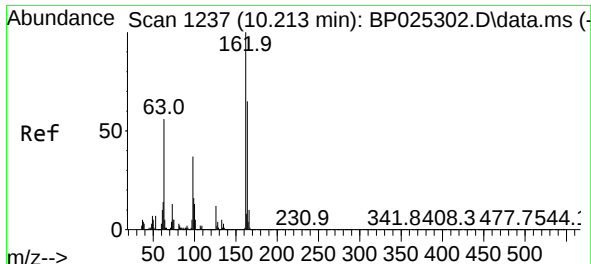
Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.297 ng

RT: 10.219 min Scan# 1238

Delta R.T. 0.006 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

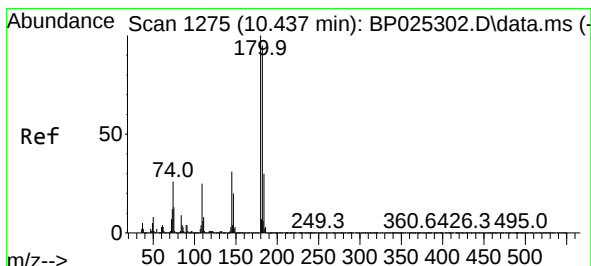
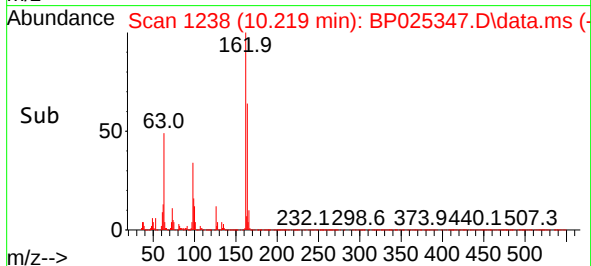
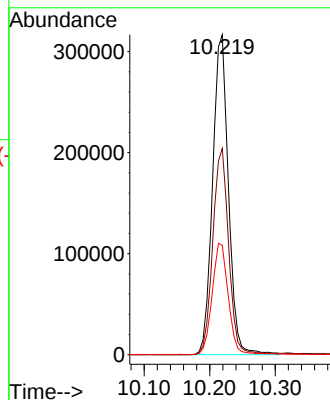
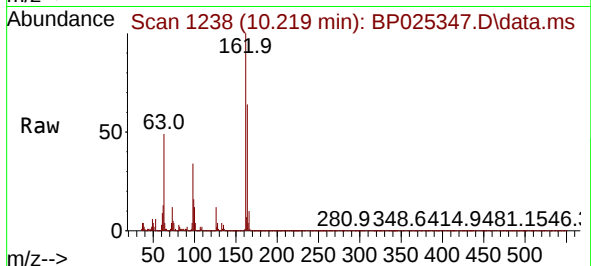
Tgt Ion:162 Resp: 531419

Ion Ratio Lower Upper

162 100

164 64.5 45.2 85.2

98 34.2 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 44.230 ng

RT: 10.437 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

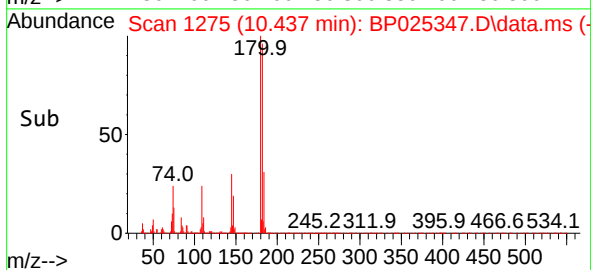
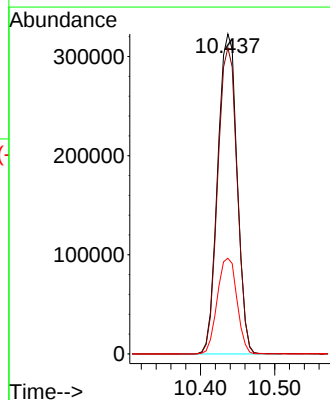
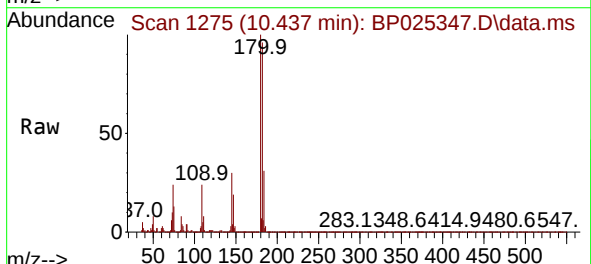
Tgt Ion:180 Resp: 585403

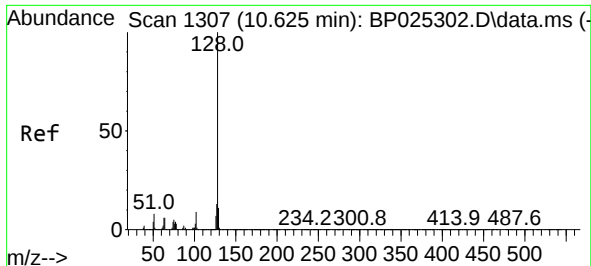
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.8

145 29.9 25.0 37.4

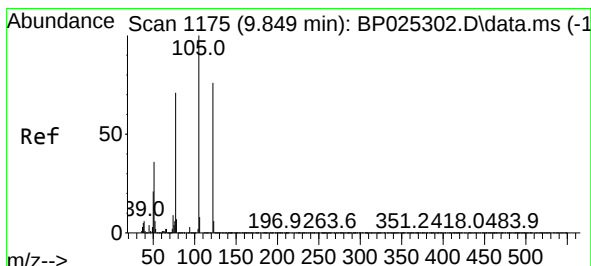
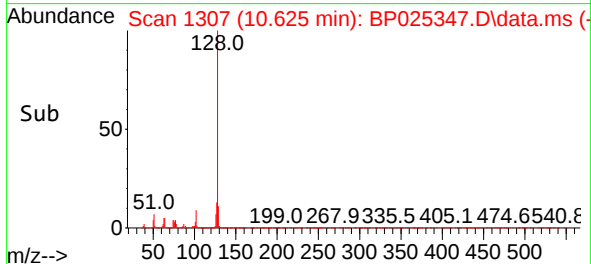
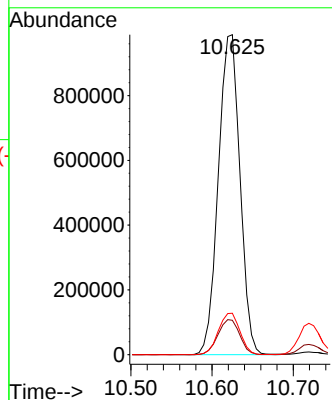
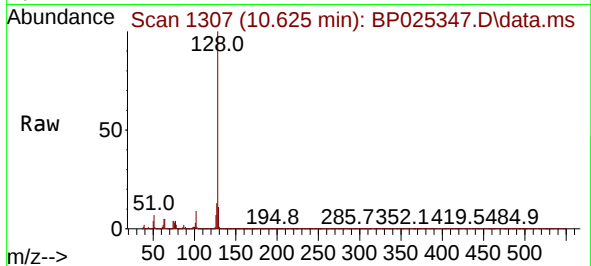




#31
Naphthalene
Concen: 42.587 ng
RT: 10.625 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

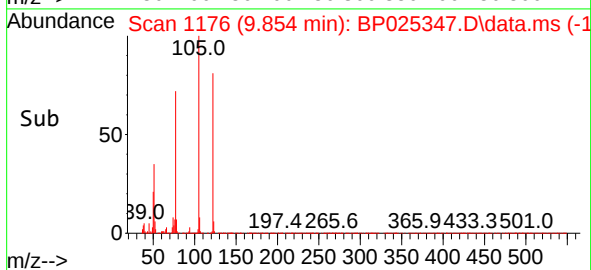
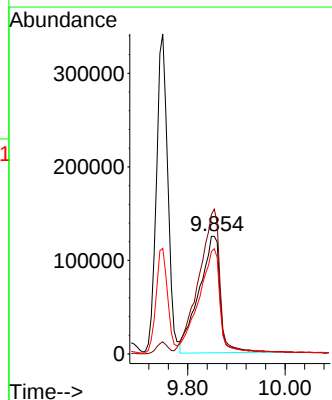
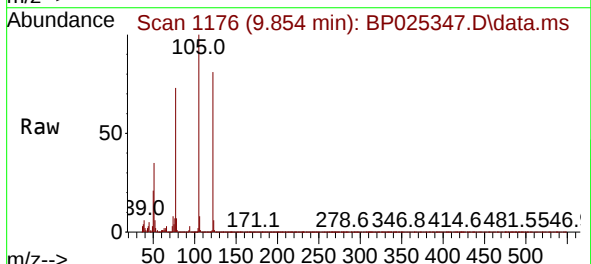
Instrument :
BNA_P
ClientSampleId :
TP-4MS

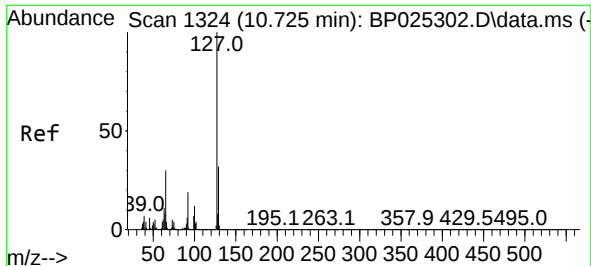
Tgt Ion:128 Resp: 1828824
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 48.174 ng
RT: 9.854 min Scan# 1176
Delta R.T. 0.005 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:122 Resp: 377146
Ion Ratio Lower Upper
122 100
105 123.0 104.0 144.0
77 89.4 71.8 111.8

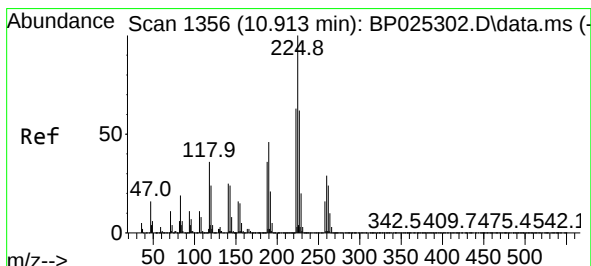
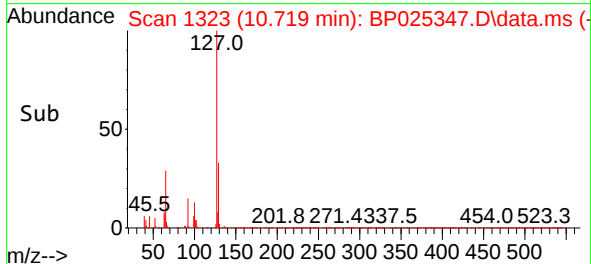
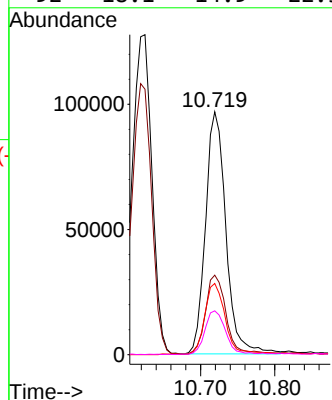
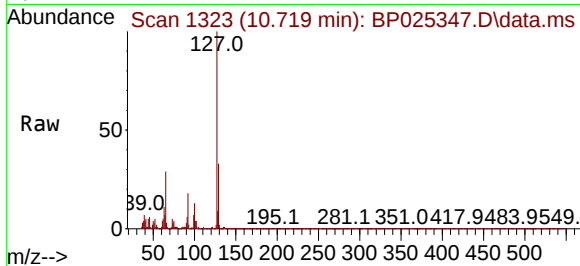




#33
4-Chloroaniline
Concen: 9.719 ng
RT: 10.719 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

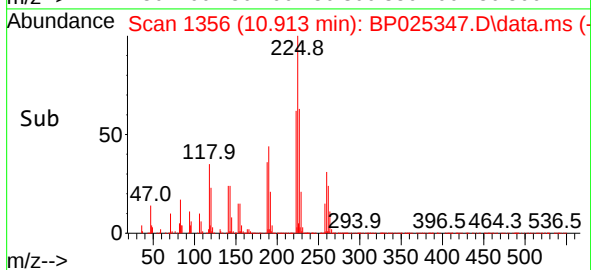
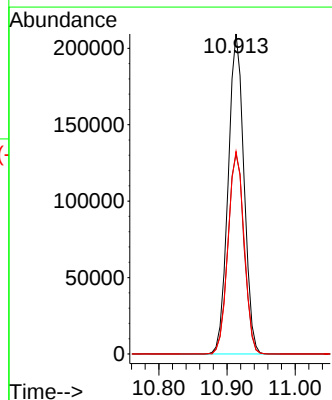
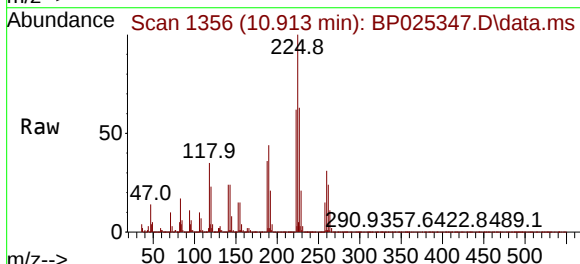
Instrument :
BNA_P
ClientSampleId :
TP-4MS

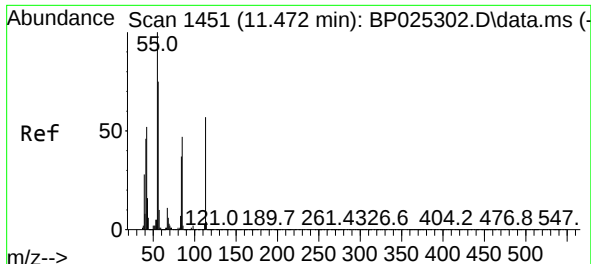
Tgt Ion:	127	Resp:	185621
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	29.3	23.6	35.4
92	18.1	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.374 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:	225	Resp:	337134
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	63.3	49.7	74.5

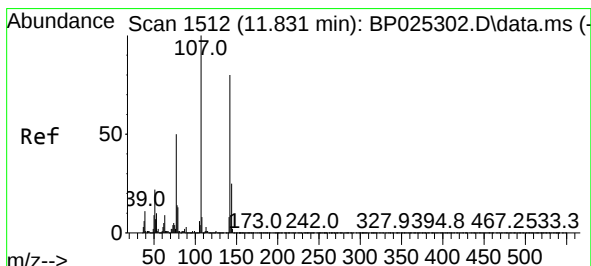
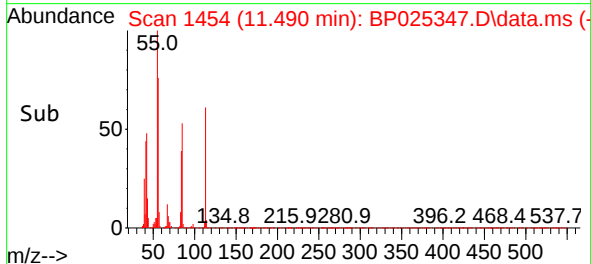
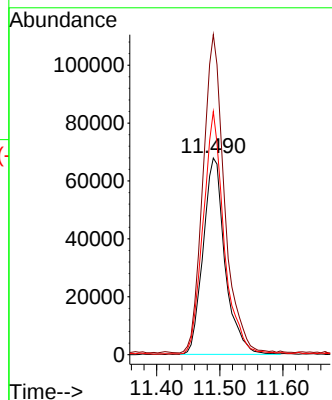
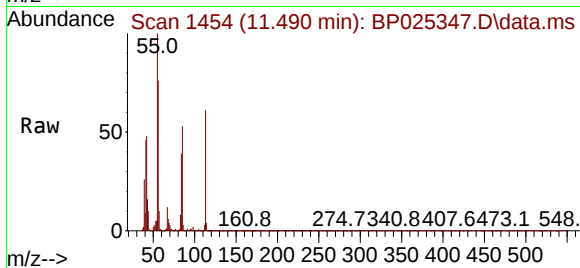




#35
Caprolactam
Concen: 35.031 ng
RT: 11.490 min Scan# 1451
Delta R.T. 0.018 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

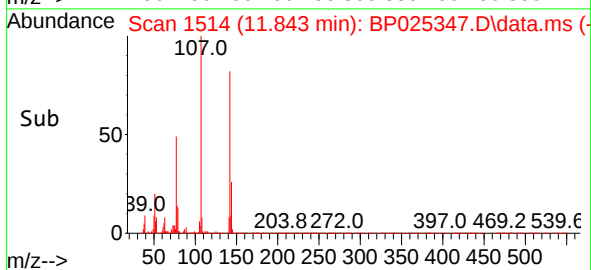
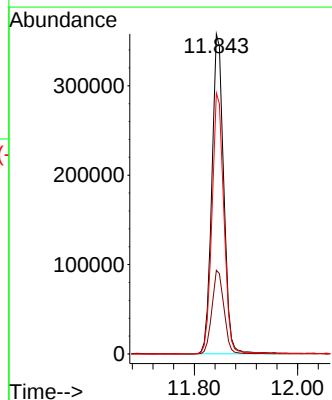
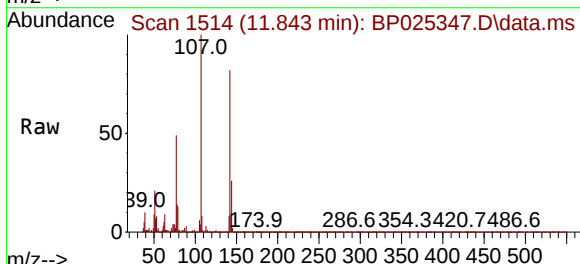
Instrument :
BNA_P
ClientSampleId :
TP-4MS

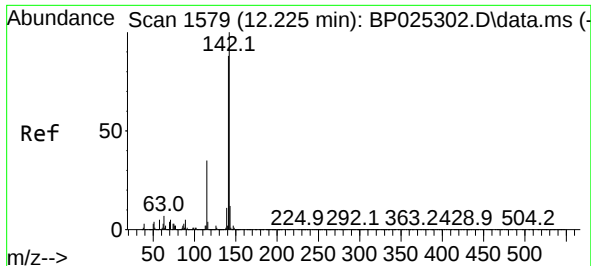
Tgt Ion	Ratio	Lower	Upper
113	100		
55	162.7	154.4	194.4
56	123.5	110.9	150.9



#36
4-Chloro-3-methylphenol
Concen: 41.111 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.012 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.4	30.6
142	81.6	63.7	95.5

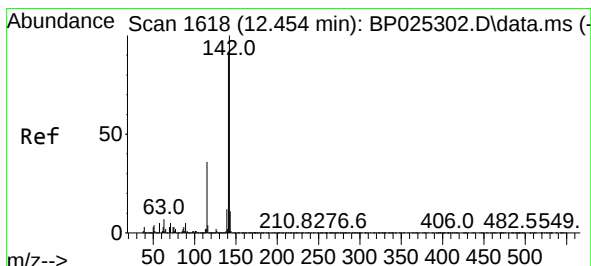
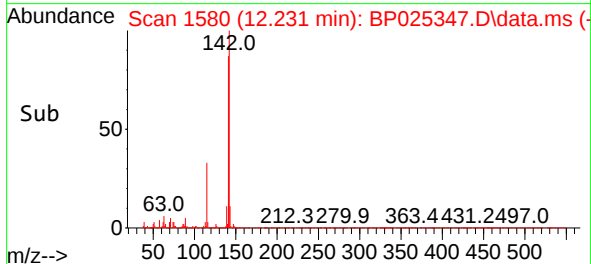
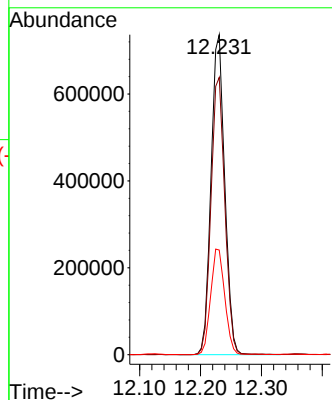
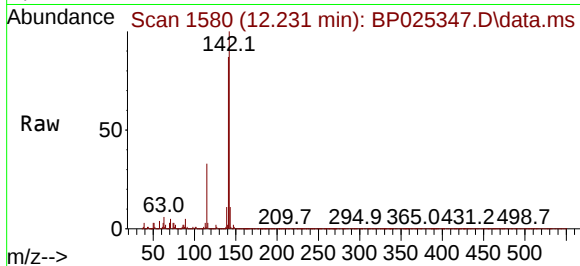




#37
2-Methylnaphthalene
Concen: 41.355 ng
RT: 12.231 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

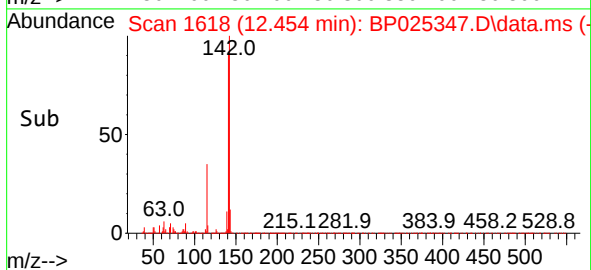
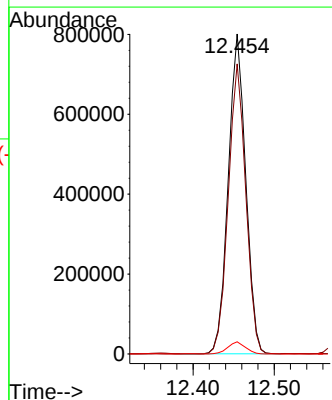
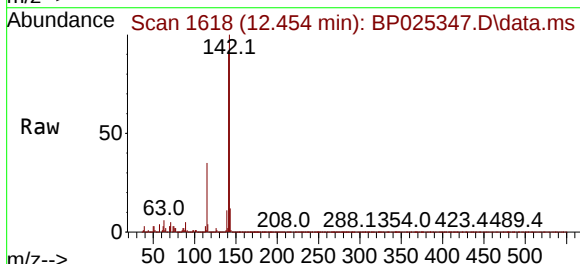
Instrument :
BNA_P
ClientSampleId :
TP-4MS

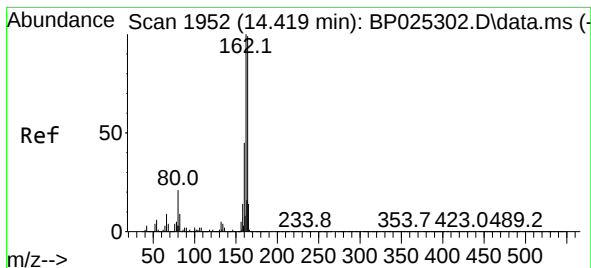
Tgt Ion:142 Resp: 1149468
Ion Ratio Lower Upper
142 100
141 86.6 70.4 105.6
115 32.7 28.0 42.0



#38
1-Methylnaphthalene
Concen: 41.343 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:142 Resp: 1199034
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.419 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

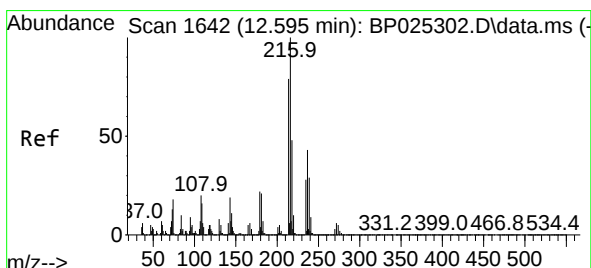
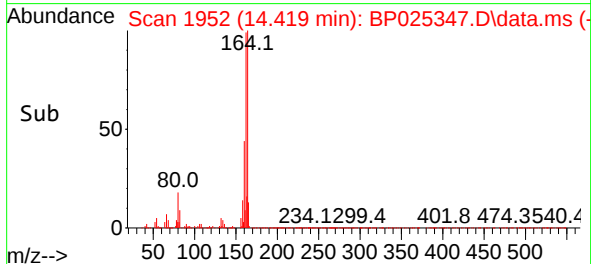
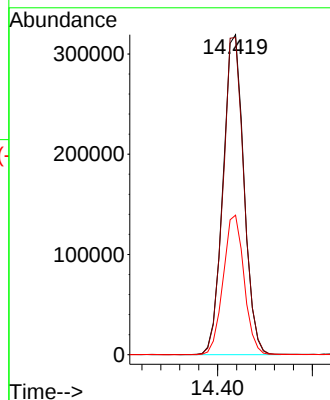
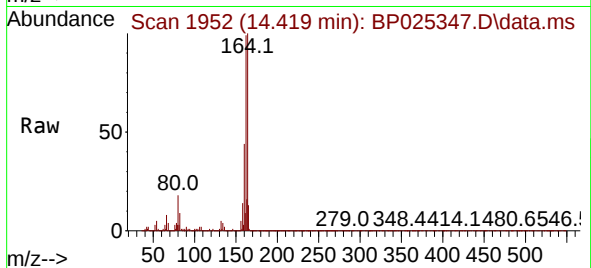
Tgt Ion:164 Resp: 489140

Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

160 43.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.887 ng

RT: 12.601 min Scan# 1643

Delta R.T. 0.006 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Tgt Ion:216 Resp: 612780

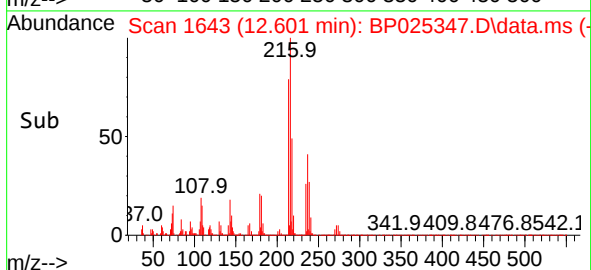
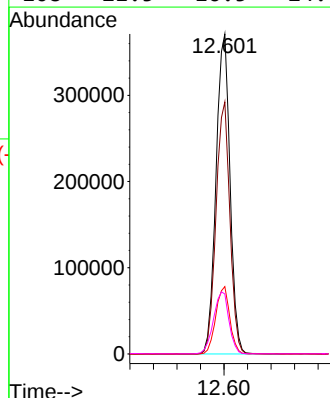
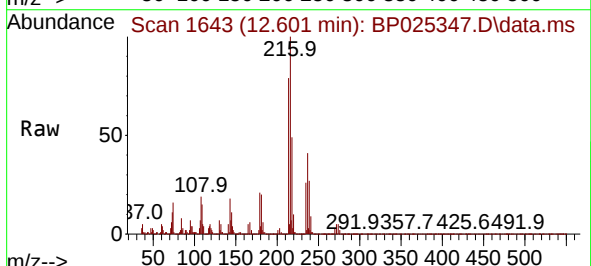
Ion Ratio Lower Upper

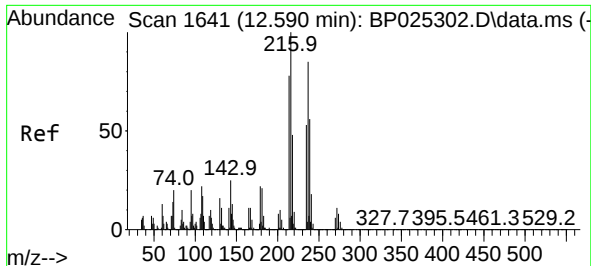
216 100

214 78.3 62.4 93.6

179 21.1 17.5 26.3

108 21.5 16.5 24.7

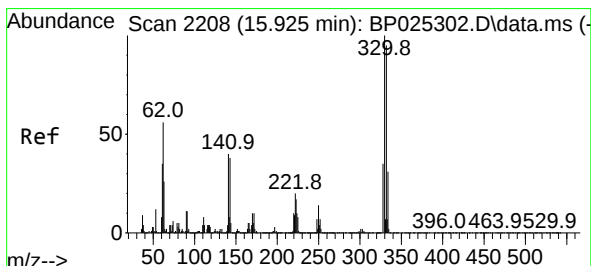
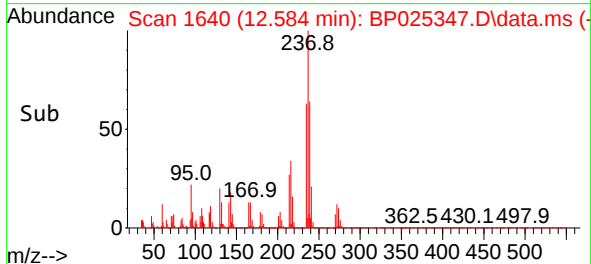
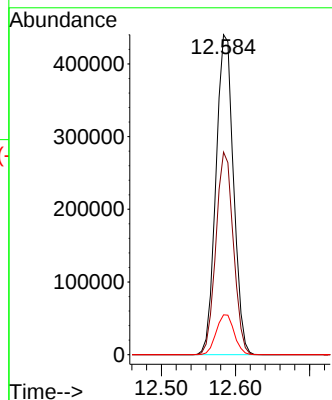
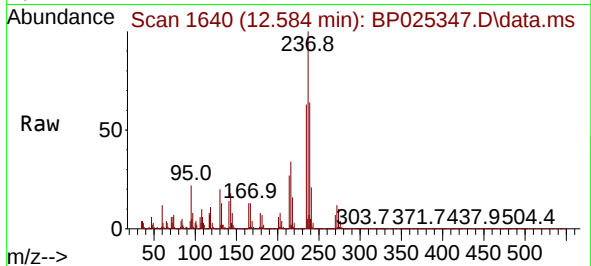




#41
Hexachlorocyclopentadiene
Concen: 87.699 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

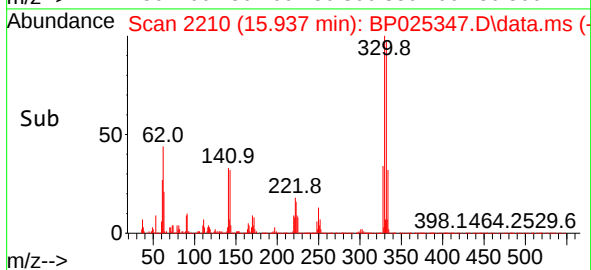
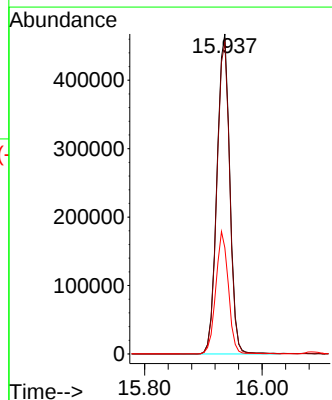
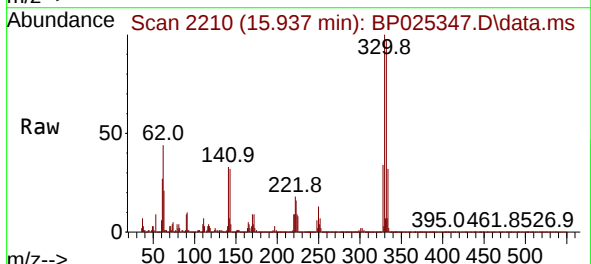
Instrument :
BNA_P
ClientSampleId :
TP-4MS

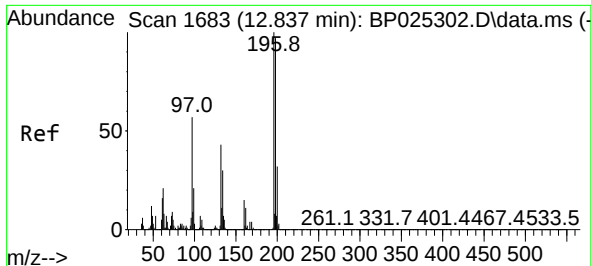
Tgt Ion:237 Resp: 722825
Ion Ratio Lower Upper
237 100
235 63.3 42.2 82.2
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 145.479 ng
RT: 15.937 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:330 Resp: 709898
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 37.2 31.7 47.5

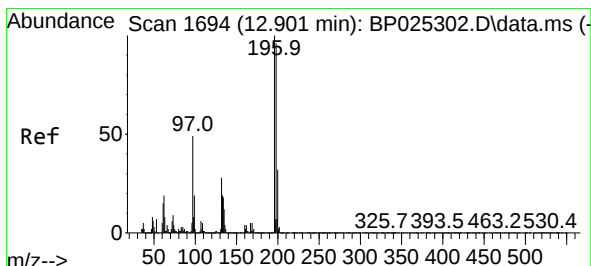
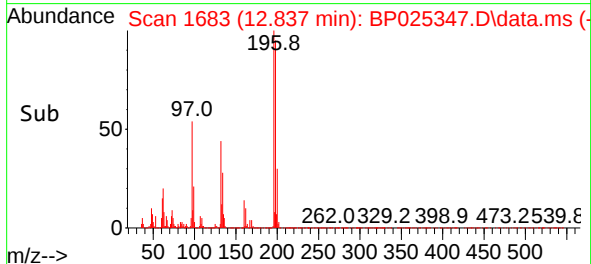
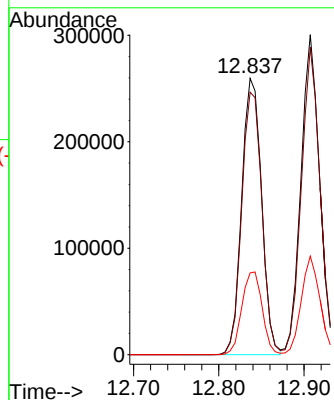
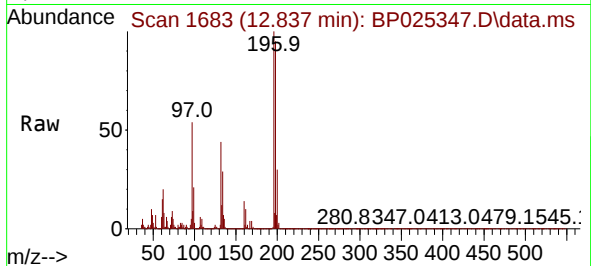




#43
2,4,6-Trichlorophenol
Concen: 48.838 ng
RT: 12.837 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

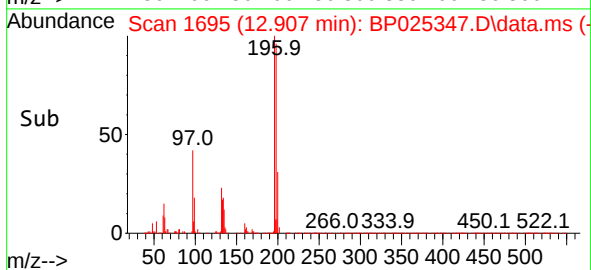
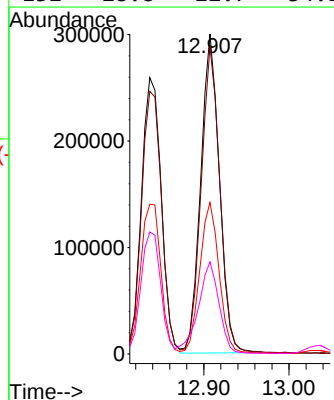
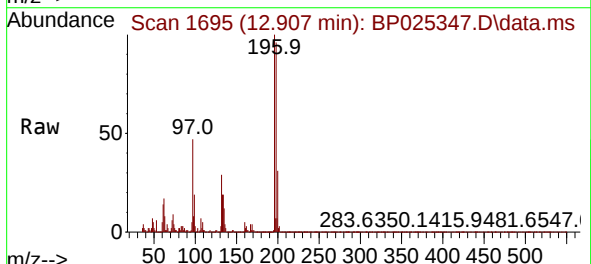
Instrument :
BNA_P
ClientSampleId :
TP-4MS

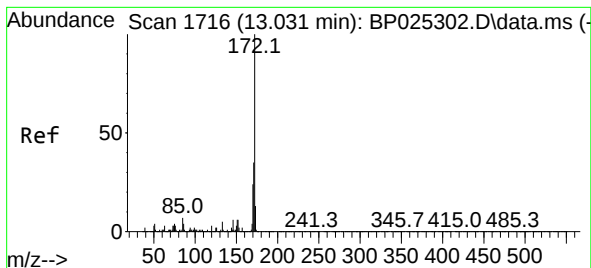
Tgt Ion:196 Resp: 421310
Ion Ratio Lower Upper
196 100
198 95.0 77.3 115.9
200 29.6 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 47.211 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:196 Resp: 456875
Ion Ratio Lower Upper
196 100
198 96.1 76.6 114.8
97 47.4 39.5 59.3
132 28.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 79.202 ng

RT: 13.031 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

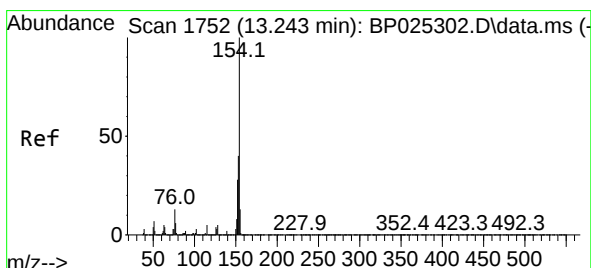
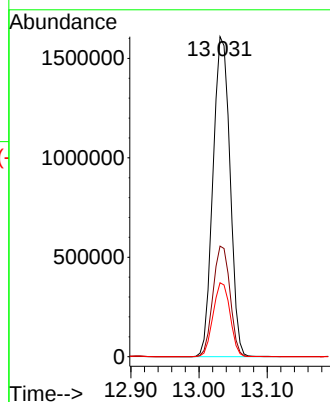
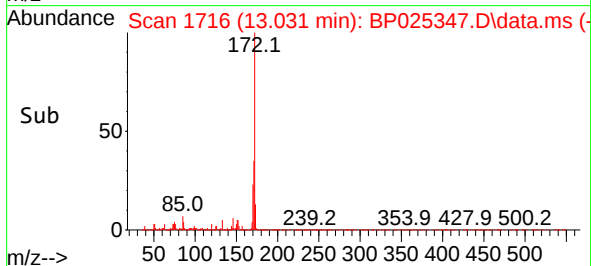
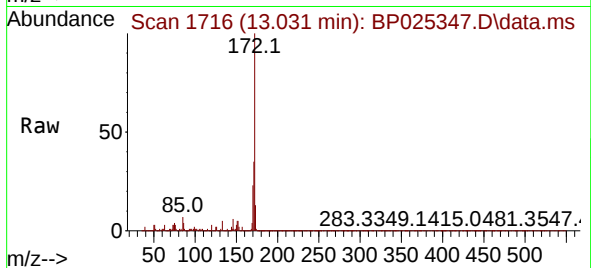
Tgt Ion:172 Resp: 2804854

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.834 ng

RT: 13.243 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

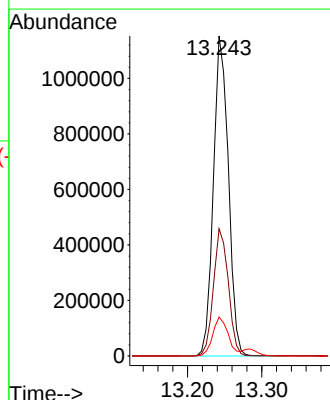
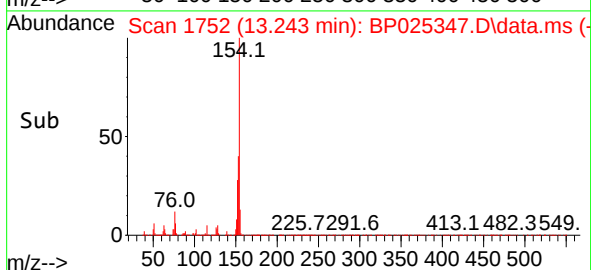
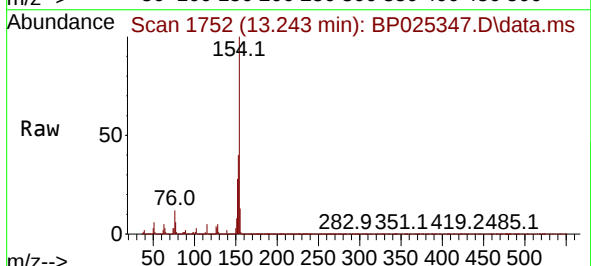
Tgt Ion:154 Resp: 1616143

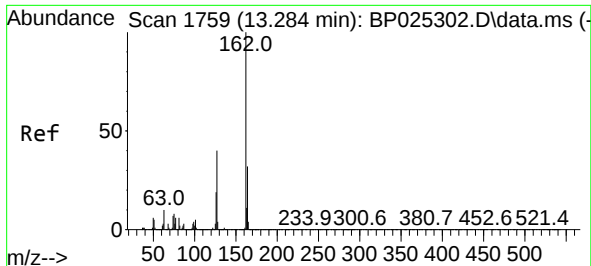
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 12.1 0.0 33.2

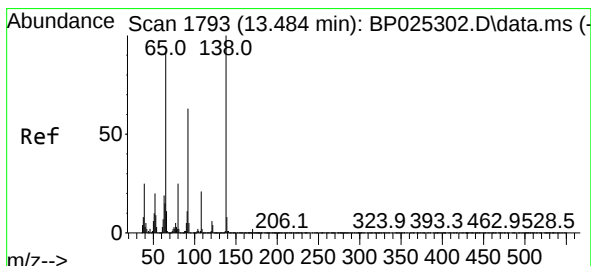
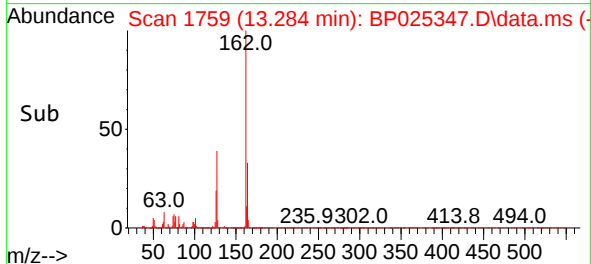
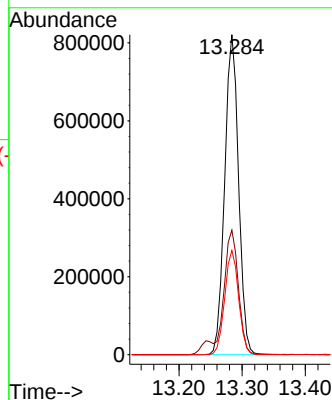
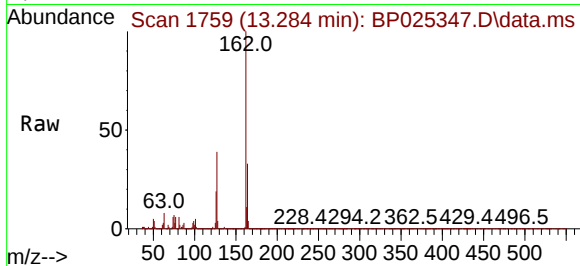




#47
2-Chloronaphthalene
Concen: 45.423 ng
RT: 13.284 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

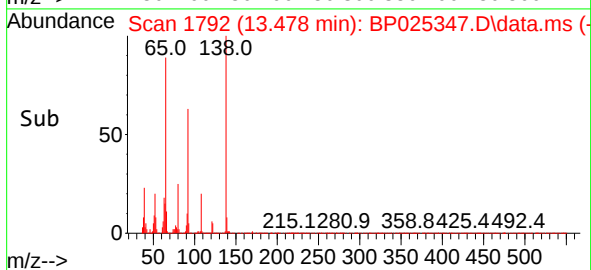
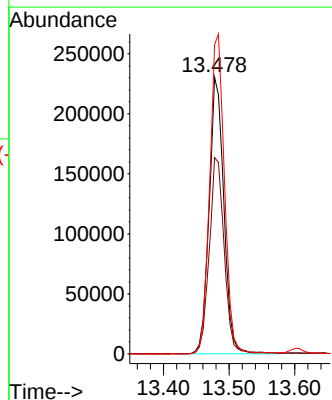
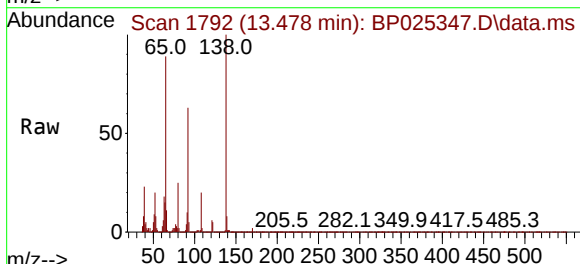
Instrument :
BNA_P
ClientSampleId :
TP-4MS

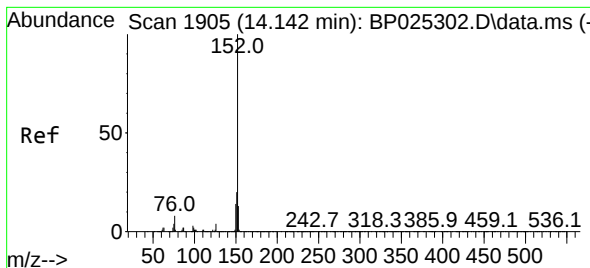
Tgt Ion:162 Resp: 1249184
Ion Ratio Lower Upper
162 100
127 38.9 32.2 48.2
164 32.5 25.9 38.9



#48
2-Nitroaniline
Concen: 44.817 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 65 Resp: 359356
Ion Ratio Lower Upper
65 100
92 70.9 54.4 81.6
138 111.8 87.0 130.4





#49

Acenaphthylene

Concen: 45.215 ng

RT: 14.143 min Scan# 1905

Delta R.T. 0.001 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

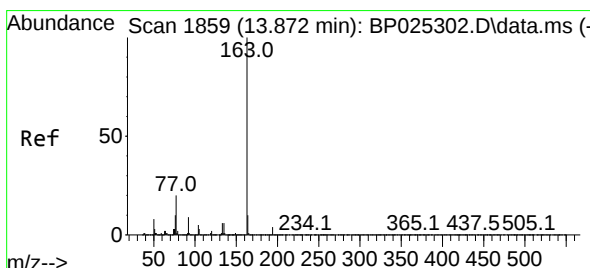
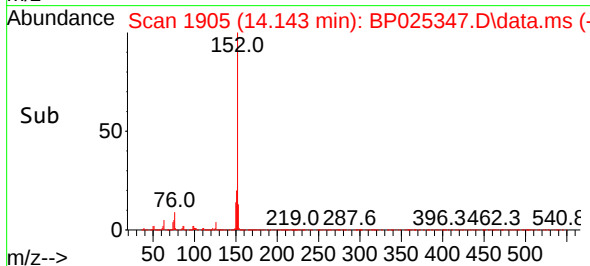
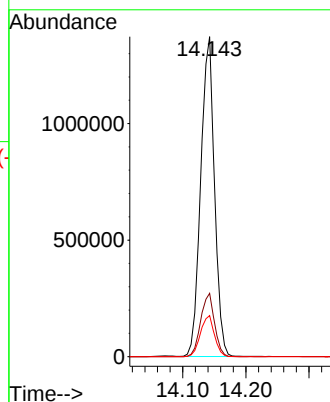
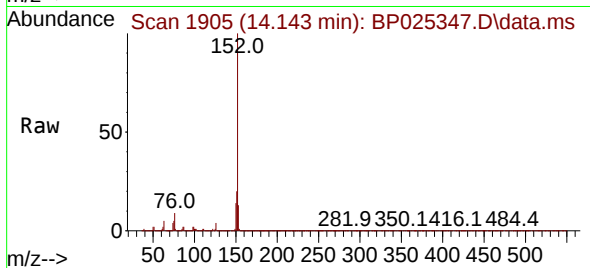
Tgt Ion:152 Resp: 2074160

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 44.766 ng

RT: 13.872 min Scan# 1859

Delta R.T. -0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

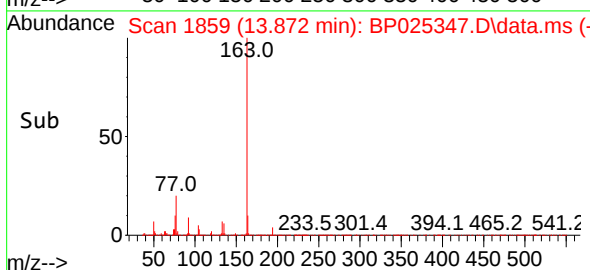
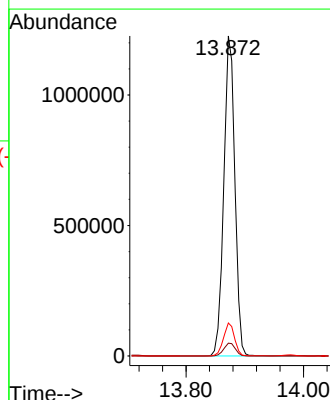
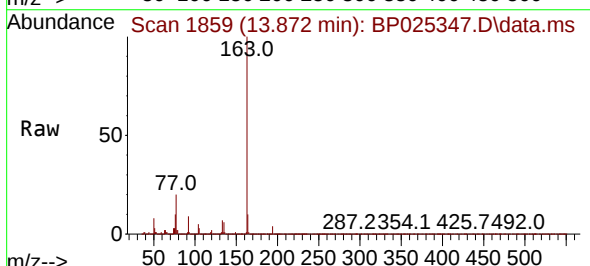
Tgt Ion:163 Resp: 1596246

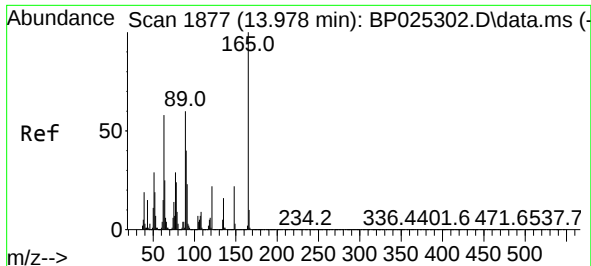
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.0 12.0

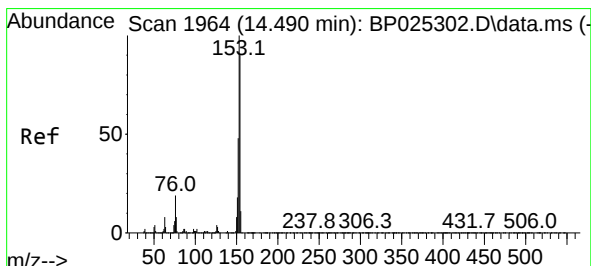
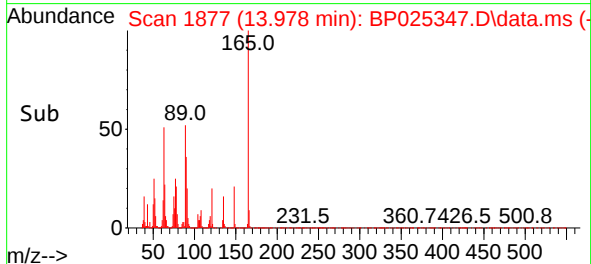
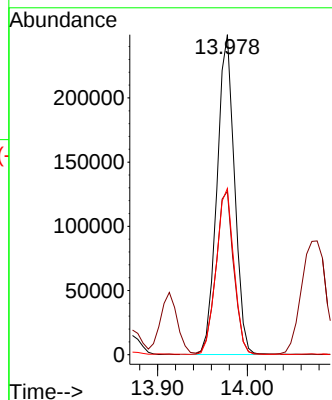
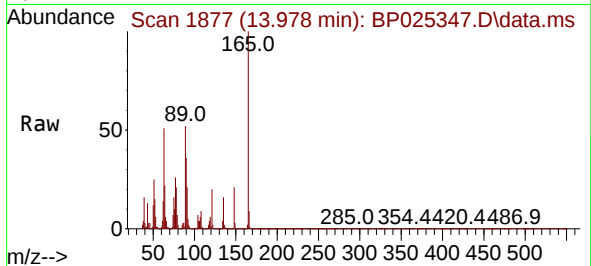




#51
2,6-Dinitrotoluene
Concen: 51.279 ng
RT: 13.978 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

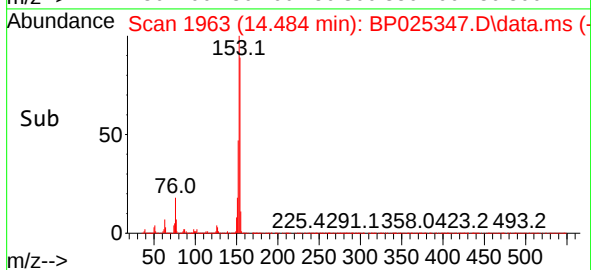
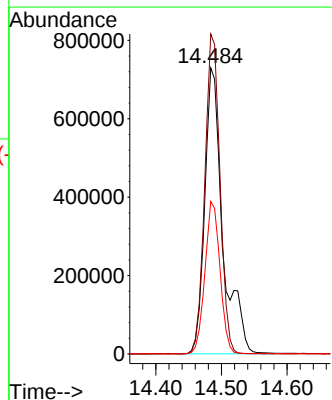
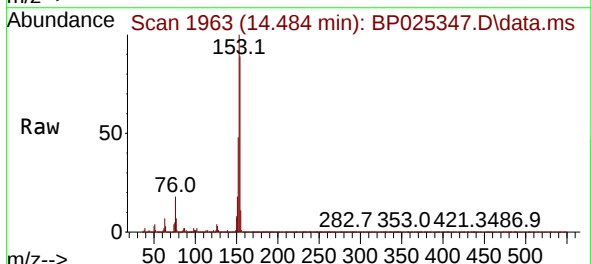
Instrument :
BNA_P
ClientSampleId :
TP-4MS

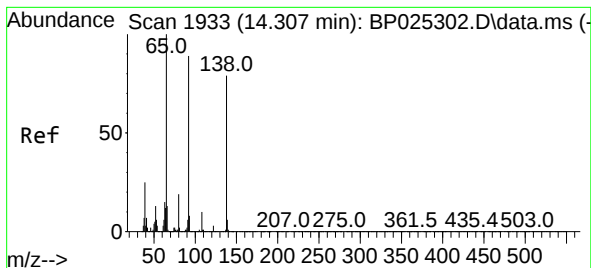
Tgt Ion:165 Resp: 337273
Ion Ratio Lower Upper
165 100
63 51.0 47.6 71.4
89 52.0 47.8 71.8



#52
Acenaphthene
Concen: 50.123 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:154 Resp: 1402509
Ion Ratio Lower Upper
154 100
153 111.9 89.4 134.0
152 53.3 43.0 64.6

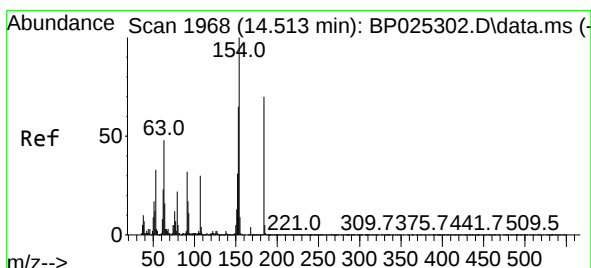
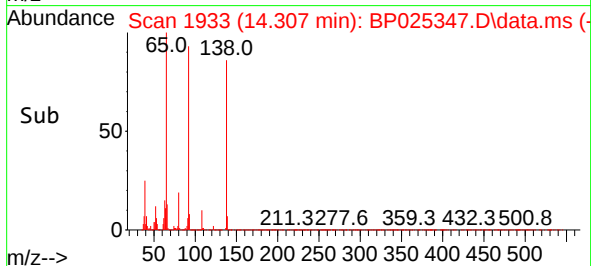
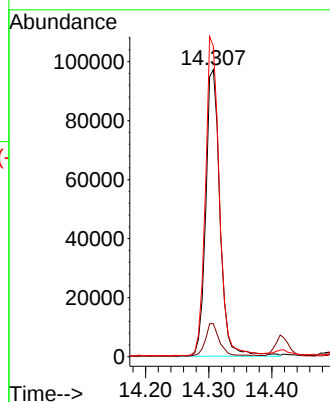
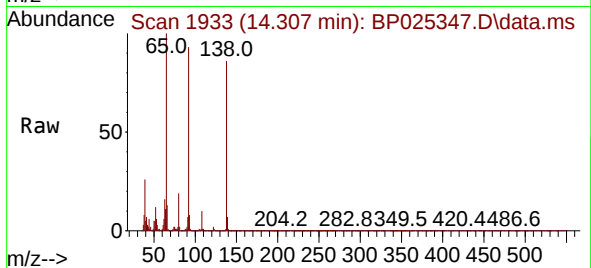




#53
3-Nitroaniline
Concen: 19.809 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

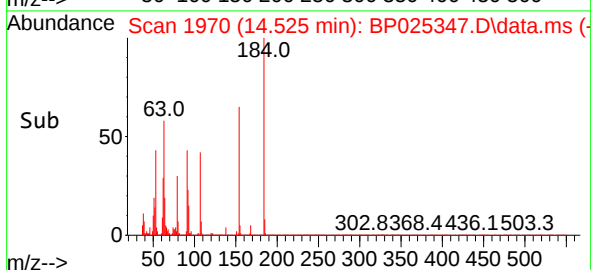
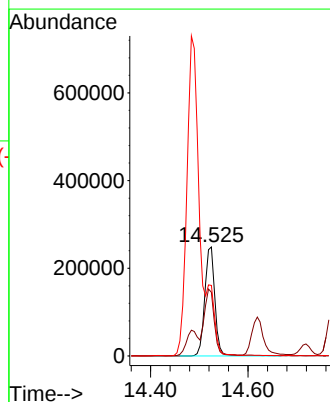
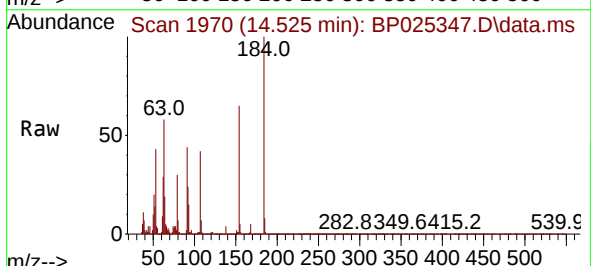
Instrument :
BNA_P
ClientSampleId :
TP-4MS

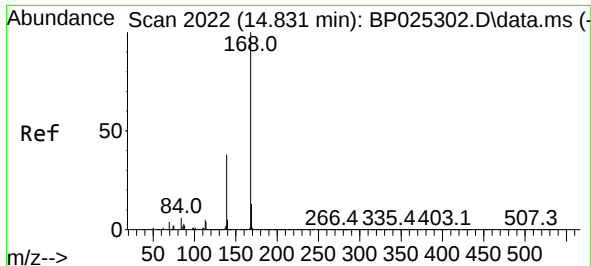
Tgt Ion:138 Resp: 152456
Ion Ratio Lower Upper
138 100
108 11.5 10.5 15.7
92 108.1 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 90.781 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:184 Resp: 360563
Ion Ratio Lower Upper
184 100
63 58.5 56.3 84.5
154 64.8 124.5 186.7#

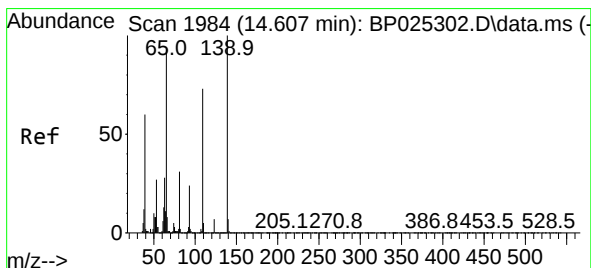
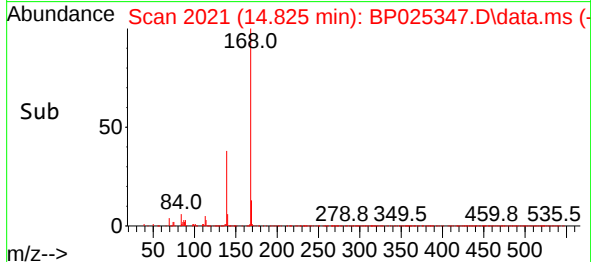
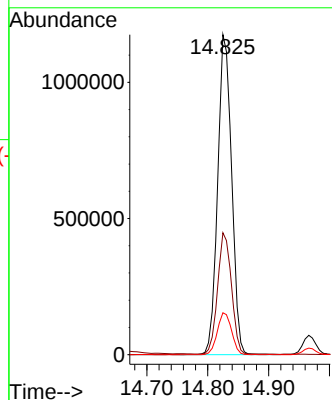
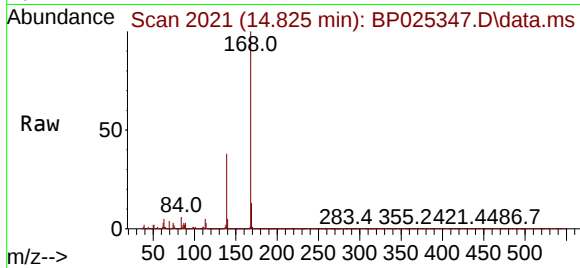




#55
Dibenzenofuran
Concen: 44.644 ng
RT: 14.825 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

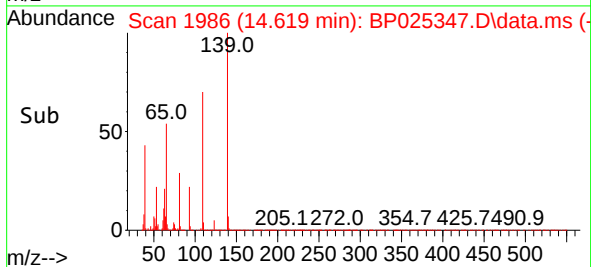
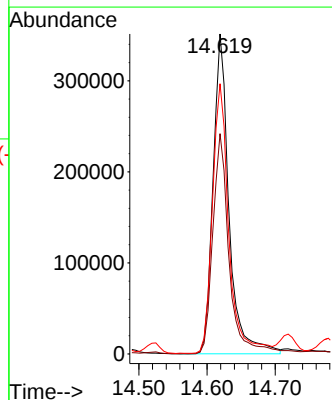
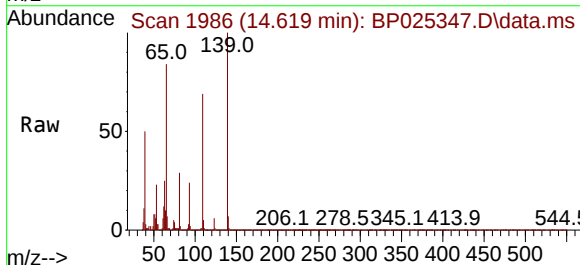
Instrument :
BNA_P
ClientSampleId :
TP-4MS

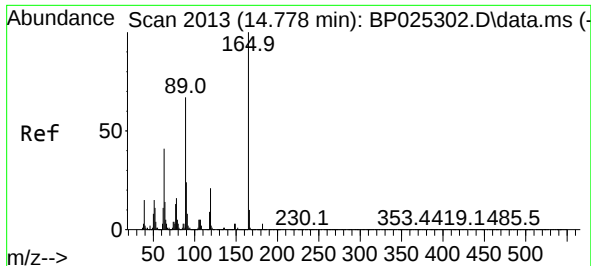
Tgt Ion:168 Resp: 1866777
Ion Ratio Lower Upper
168 100
139 38.1 30.5 45.7
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 84.309 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:139 Resp: 572659
Ion Ratio Lower Upper
139 100
109 68.9 52.7 92.7
65 84.5 73.4 113.4

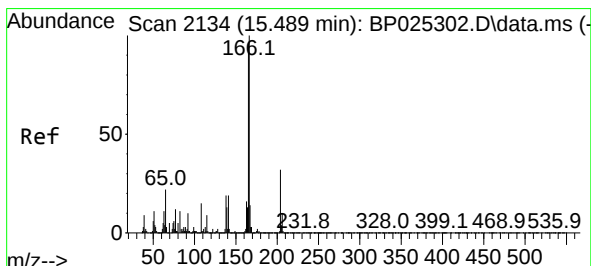
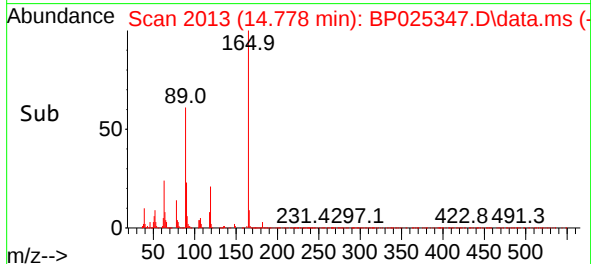
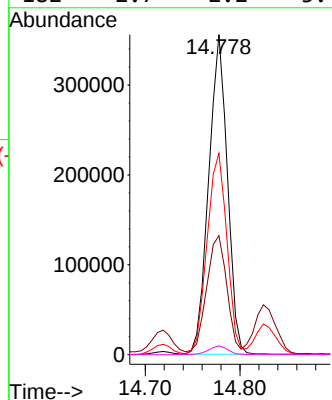
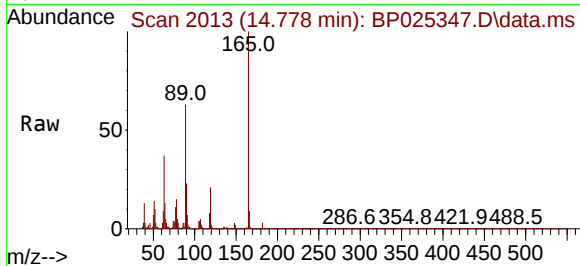




#57
2,4-Dinitrotoluene
Concen: 47.748 ng
RT: 14.778 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

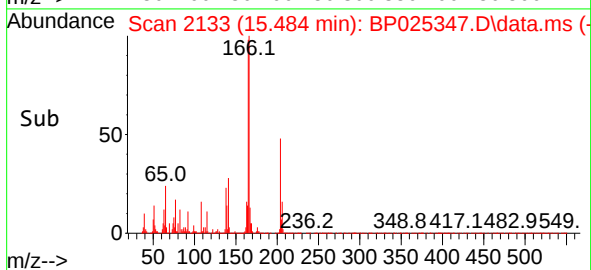
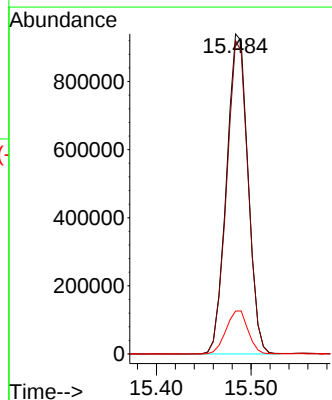
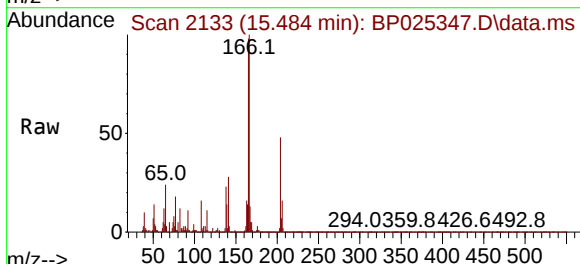
Instrument :
BNA_P
ClientSampleId :
TP-4MS

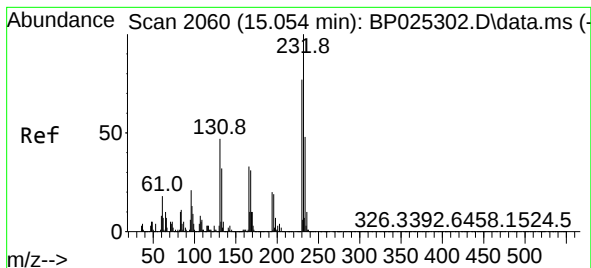
Tgt Ion:165 Resp: 486643
Ion Ratio Lower Upper
165 100
63 37.2 33.2 49.8
89 63.0 53.5 80.3
182 2.7 2.2 3.4



#58
Fluorene
Concen: 45.188 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:166 Resp: 1484036
Ion Ratio Lower Upper
166 100
165 97.9 76.7 115.1
167 13.4 10.9 16.3

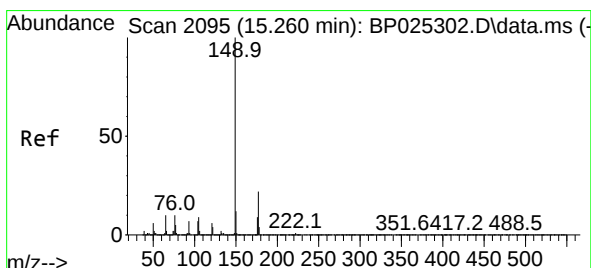
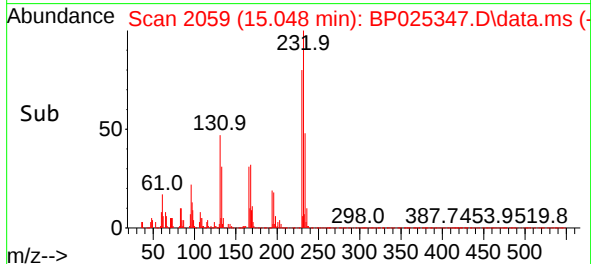
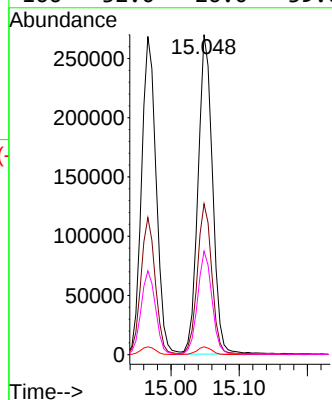
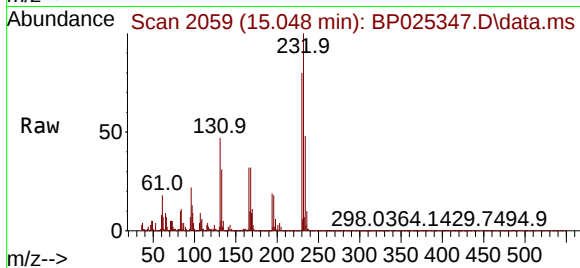




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.479 ng
RT: 15.048 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

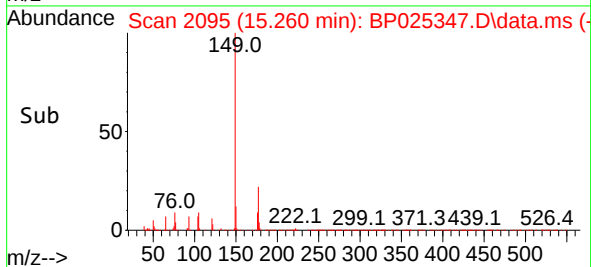
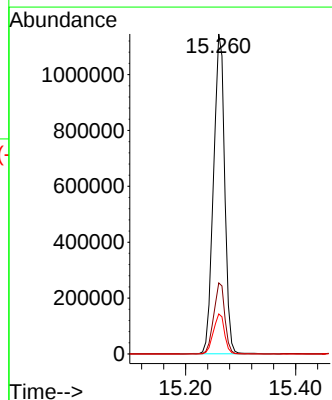
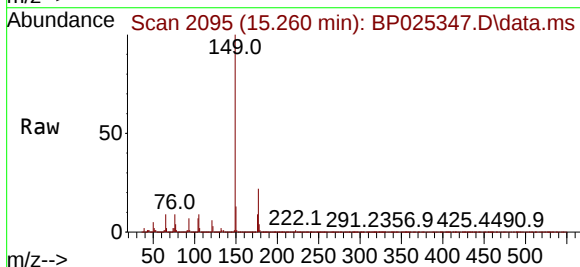
Instrument :
BNA_P
ClientSampleId :
TP-4MS

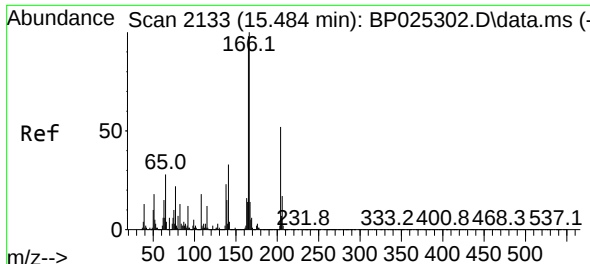
Tgt Ion:232 Resp: 399977
Ion Ratio Lower Upper
232 100
131 46.8 39.3 58.9
130 2.6 2.2 3.2
166 32.0 26.0 39.0



#60
Diethylphthalate
Concen: 44.895 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:149 Resp: 1613945
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.5 9.8 14.8

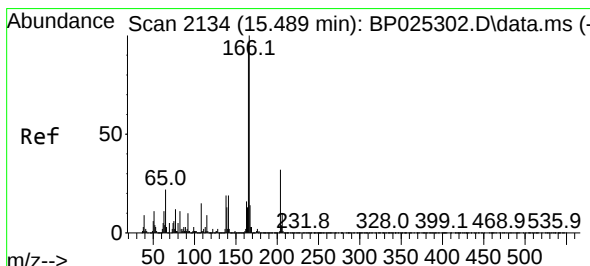
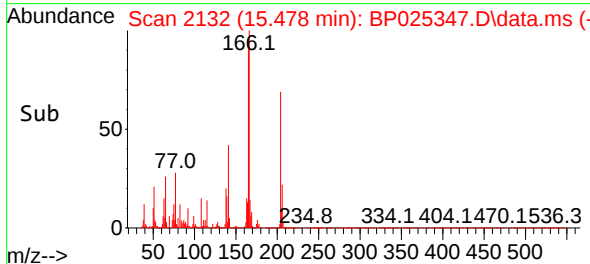
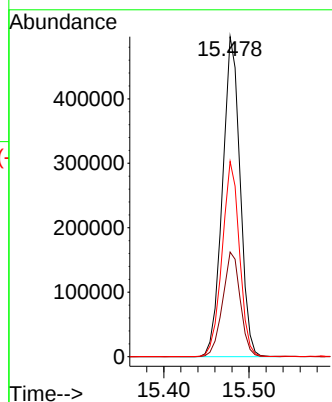
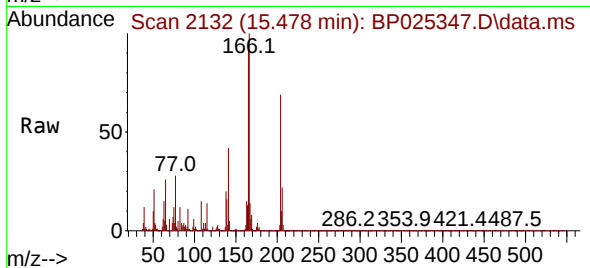




#61
4-Chlorophenyl-phenylether
Concen: 45.682 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

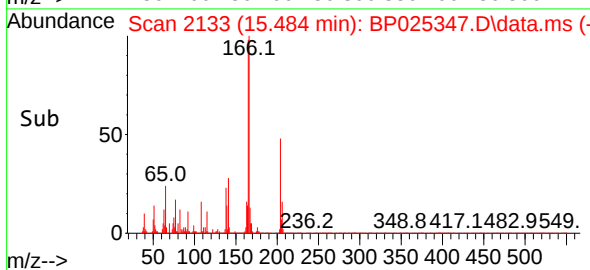
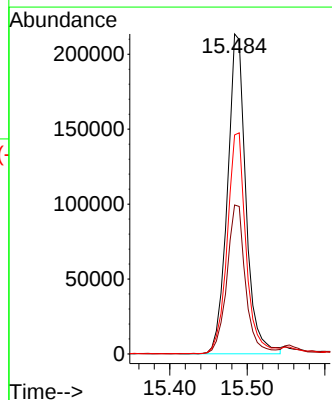
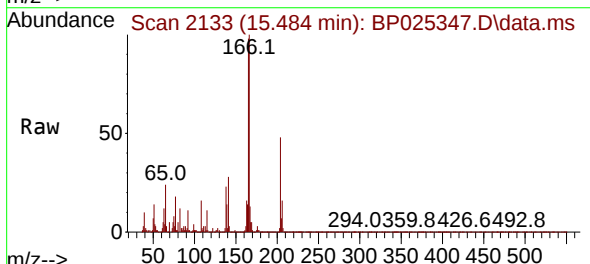
Instrument :
BNA_P
ClientSampleId :
TP-4MS

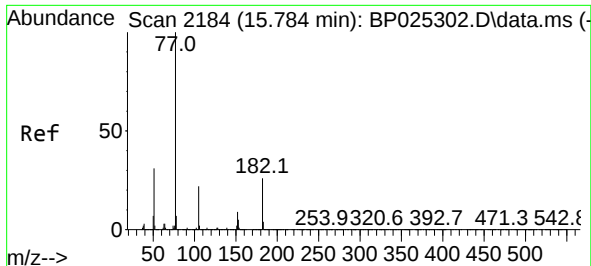
Tgt Ion:204 Resp: 711242
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 61.0 50.3 75.5



#62
4-Nitroaniline
Concen: 46.408 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:138 Resp: 353901
Ion Ratio Lower Upper
138 100
92 46.6 29.8 69.8
108 68.5 56.6 96.6



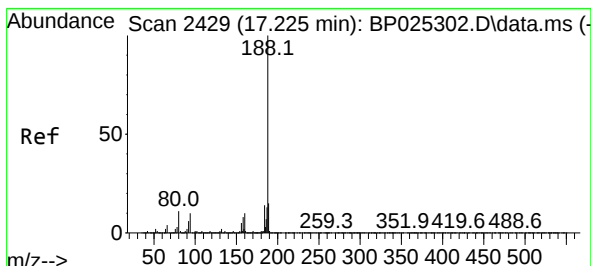
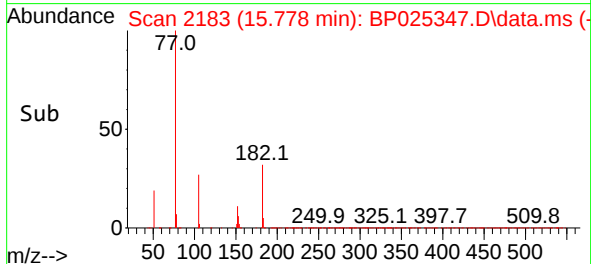
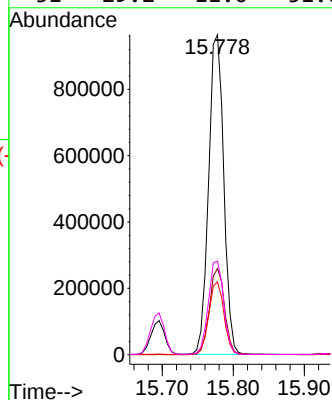
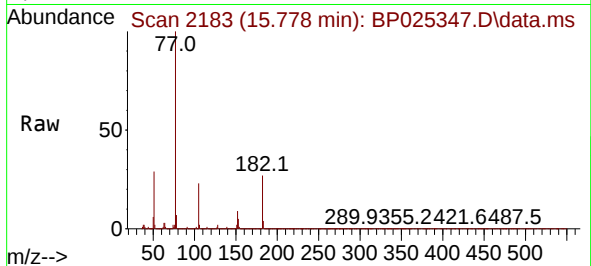


#63
Azobenzene
Concen: 42.741 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Instrument :
BNA_P
ClientSampleId :
TP-4MS

Tgt Ion: 77 Resp: 1427417

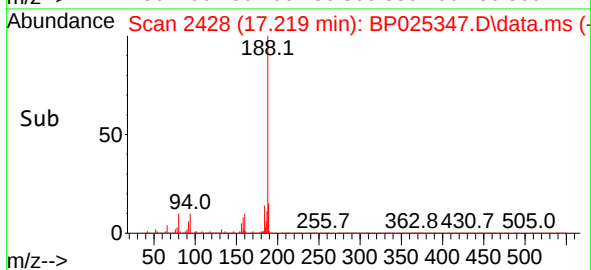
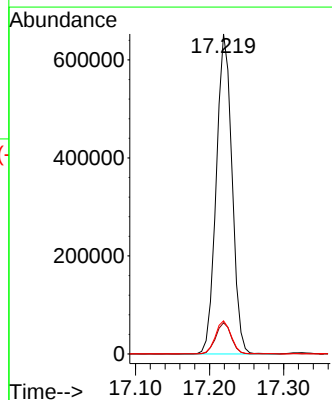
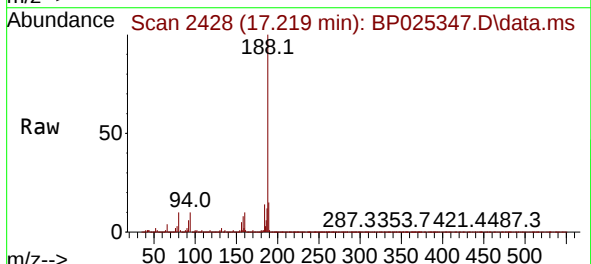
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.0	46.0
105	22.7	2.1	42.1
51	29.2	11.0	51.0

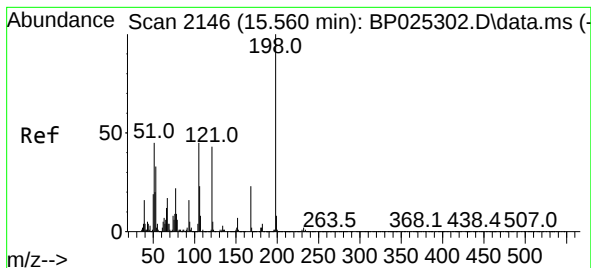


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion: 188 Resp: 963190

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.4	8.5	12.7

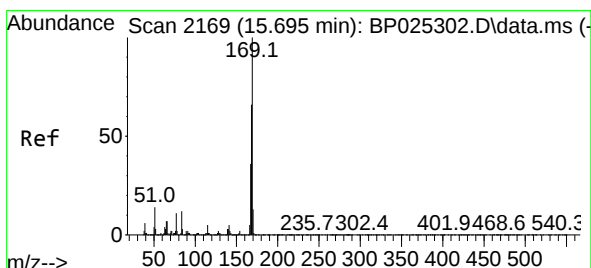
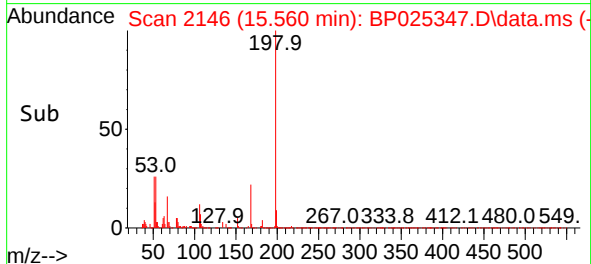
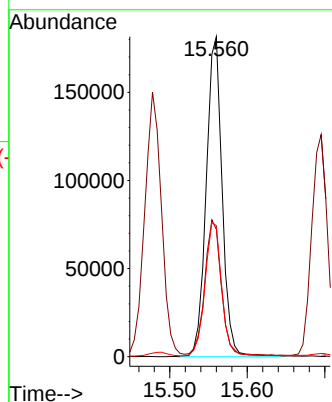
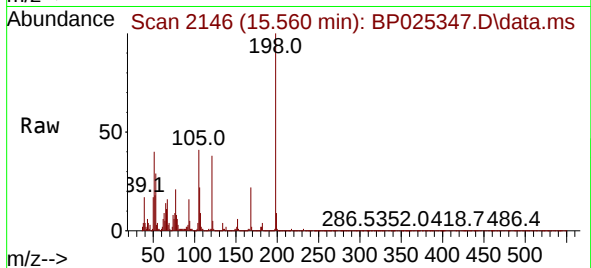




#65
4,6-Dinitro-2-methylphenol
Concen: 56.726 ng
RT: 15.560 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

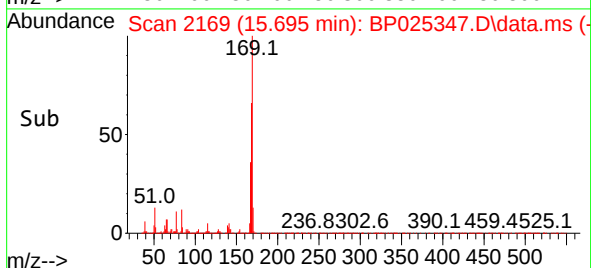
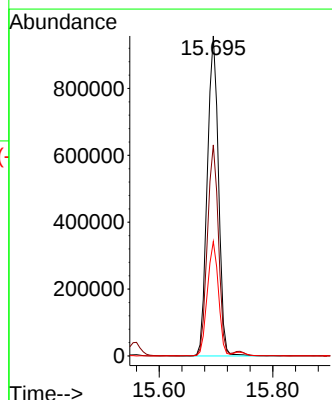
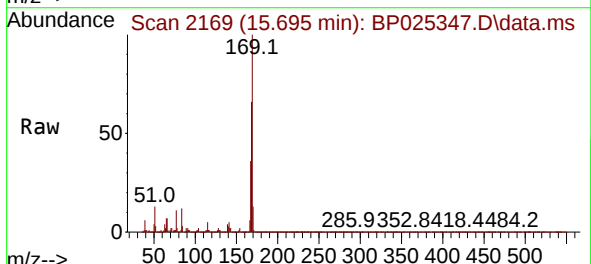
Instrument :
BNA_P
ClientSampleId :
TP-4MS

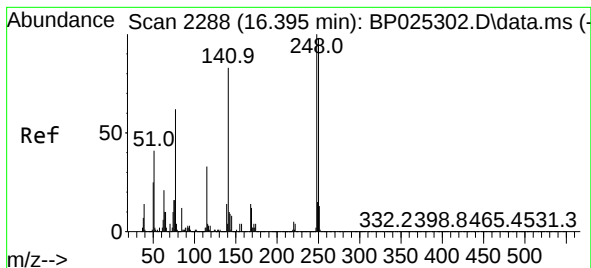
Tgt Ion:198 Resp: 258567
Ion Ratio Lower Upper
198 100
51 39.8 26.7 66.7
105 41.0 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 44.420 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:169 Resp: 1302721
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 35.7 28.5 42.7

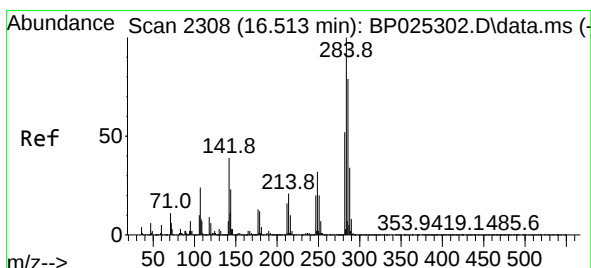
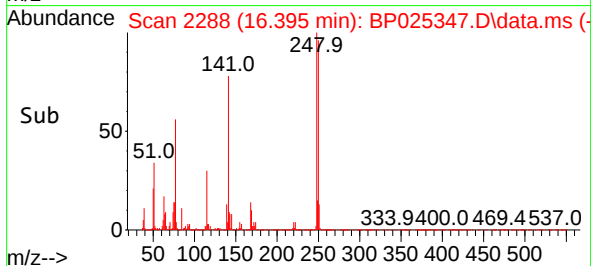
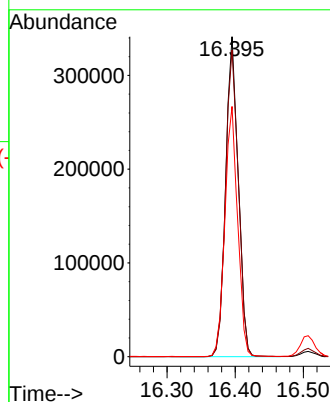
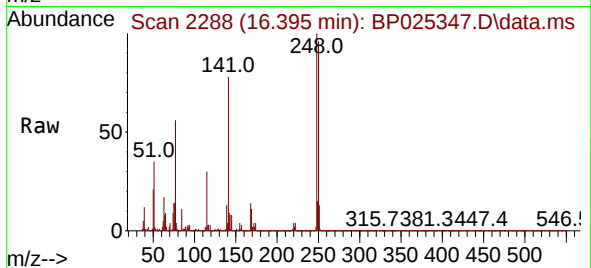




#67
4-Bromophenyl-phenylether
Concen: 45.428 ng
RT: 16.395 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

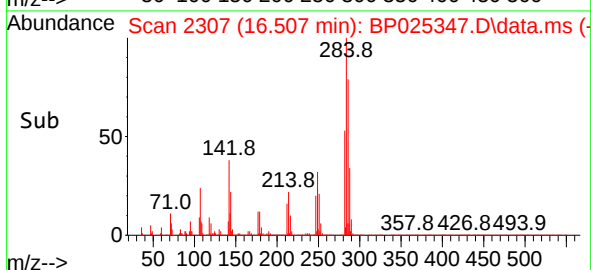
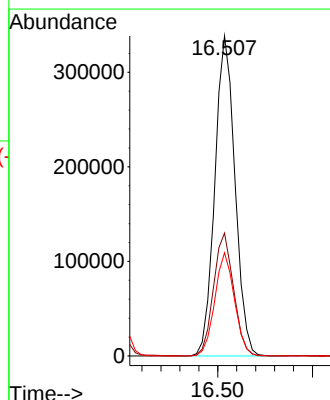
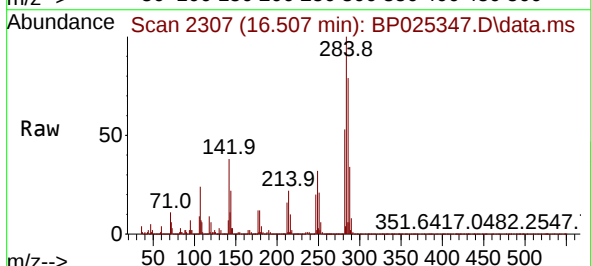
Instrument :
BNA_P
ClientSampleId :
TP-4MS

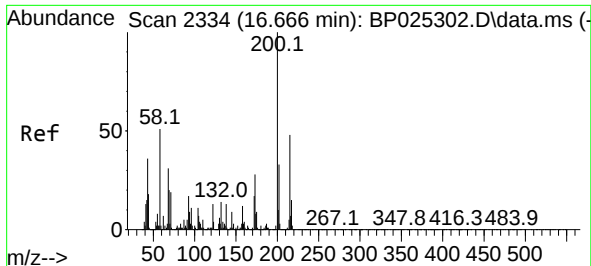
Tgt Ion:248 Resp: 440263
Ion Ratio Lower Upper
248 100
250 95.9 78.6 117.8
141 78.2 66.6 99.8



#68
Hexachlorobenzene
Concen: 45.967 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:284 Resp: 499860
Ion Ratio Lower Upper
284 100
142 38.4 30.8 46.2
249 32.3 25.4 38.0

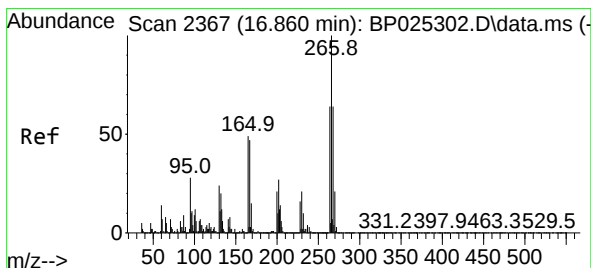
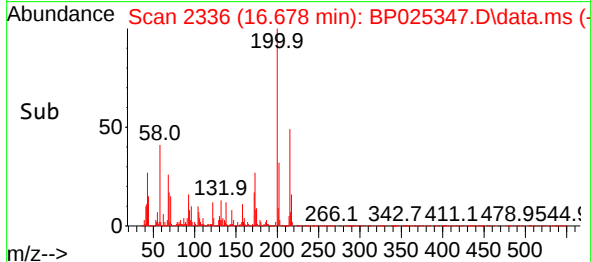
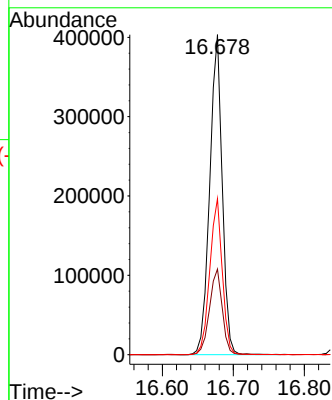
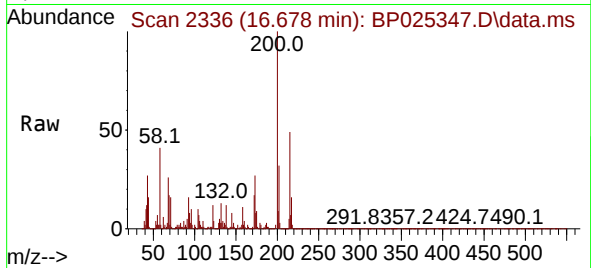




#69
Atrazine
Concen: 47.872 ng
RT: 16.678 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

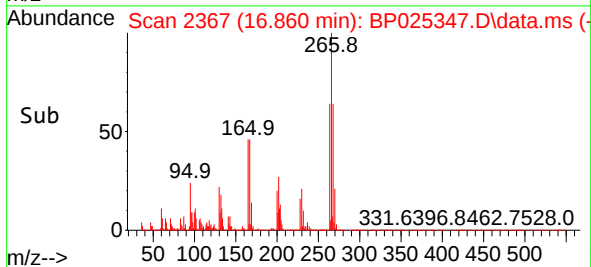
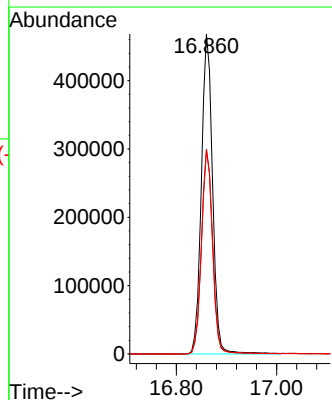
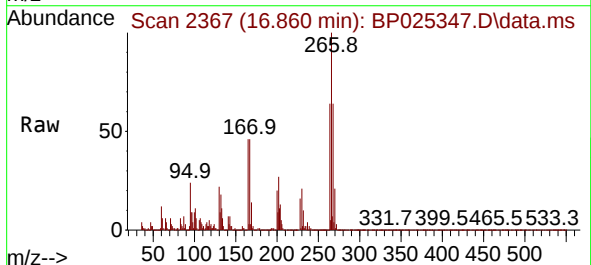
Instrument :
BNA_P
ClientSampleId :
TP-4MS

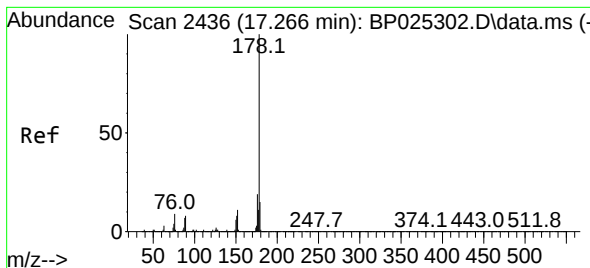
Tgt Ion:200 Resp: 493738
Ion Ratio Lower Upper
200 100
173 26.7 8.2 48.2
215 48.7 28.1 68.1



#70
Pentachlorophenol
Concen: 104.533 ng
RT: 16.860 min Scan# 2367
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:266 Resp: 724213
Ion Ratio Lower Upper
266 100
268 64.0 51.4 77.0
264 63.8 51.1 76.7





#71

Phenanthrene

Concen: 45.711 ng

RT: 17.266 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

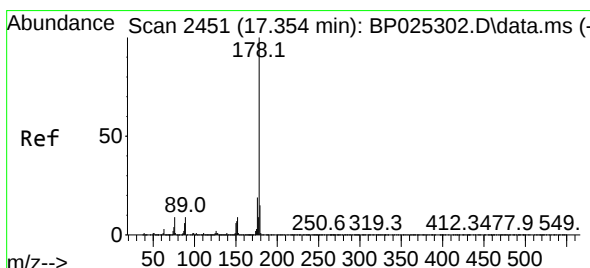
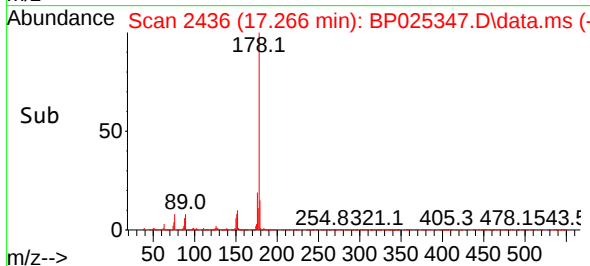
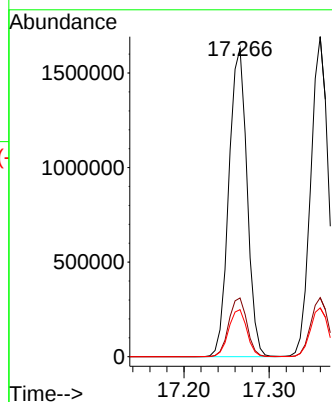
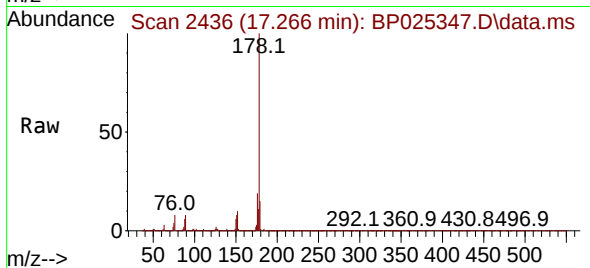
Tgt Ion:178 Resp: 2411485

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 45.520 ng

RT: 17.360 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

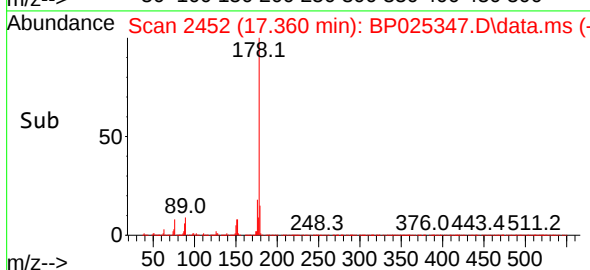
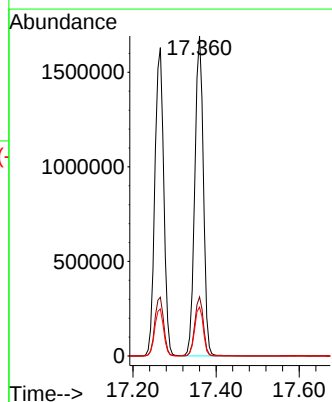
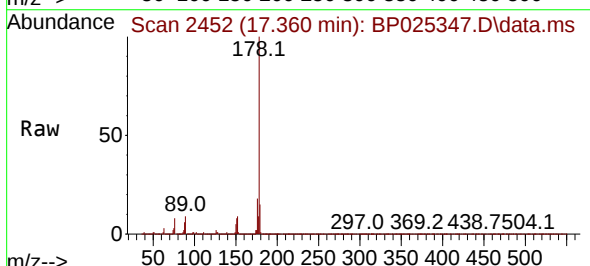
Tgt Ion:178 Resp: 2421360

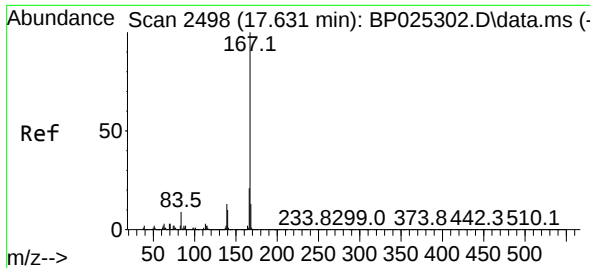
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.3 12.3 18.5



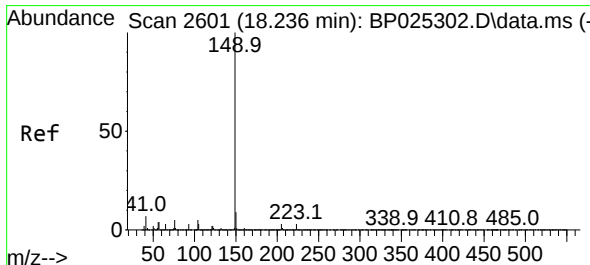
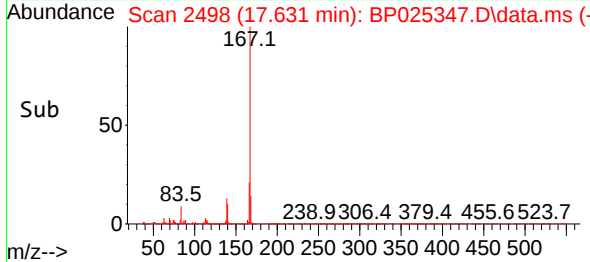
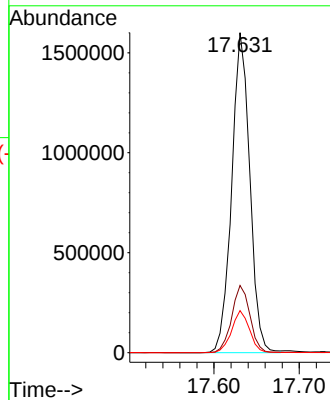
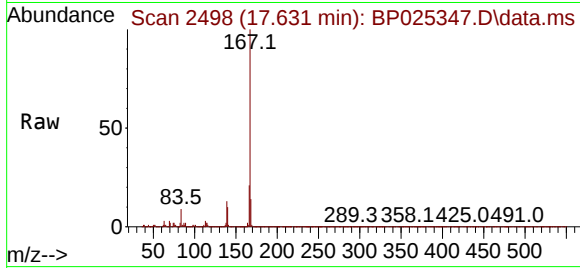


#73
 Carbazole
 Concen: 46.181 ng
 RT: 17.631 min Scan# 2498
 Delta R.T. -0.000 min
 Lab File: BP025347.D
 Acq: 11 Aug 2025 13:59

Instrument :
 BNA_P
 ClientSampleId :
 TP-4MS

Tgt Ion:167 Resp: 2358026

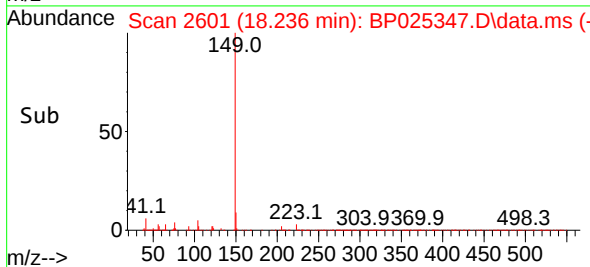
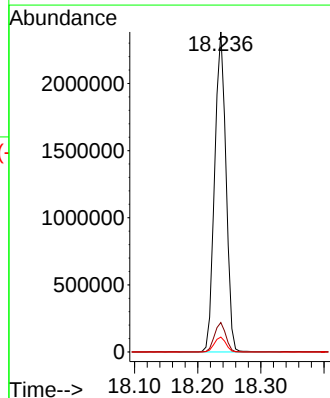
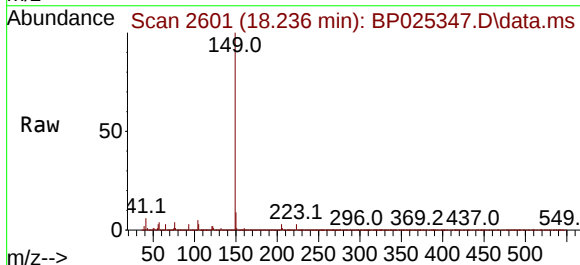
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	13.1	10.6	16.0

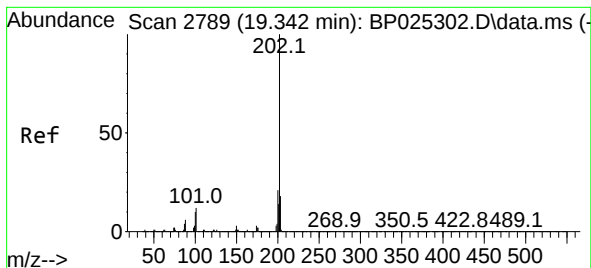


#74
 Di-n-butylphthalate
 Concen: 47.954 ng
 RT: 18.236 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: BP025347.D
 Acq: 11 Aug 2025 13:59

Tgt Ion:149 Resp: 2962245

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.6	4.1	6.1





#75

Fluoranthene

Concen: 46.676 ng

RT: 19.354 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

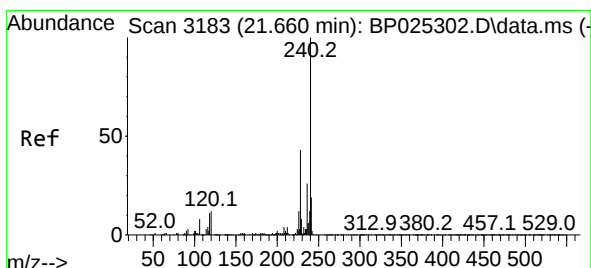
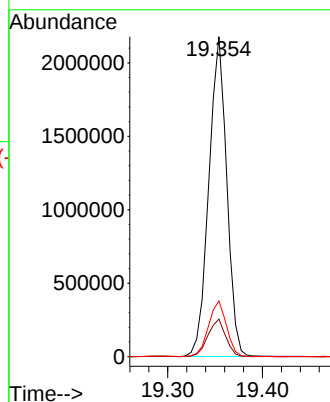
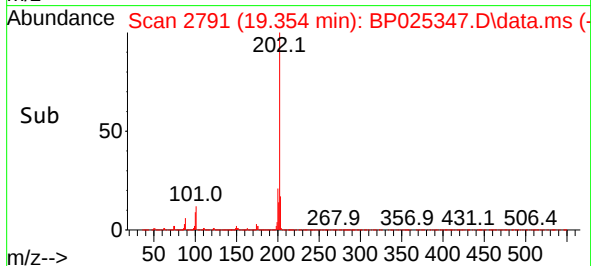
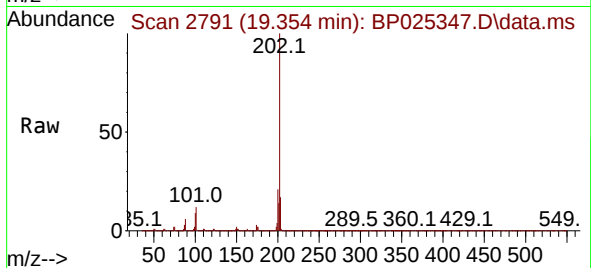
Tgt Ion:202 Resp: 2850542

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.5

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.672 min Scan# 3185

Delta R.T. 0.012 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

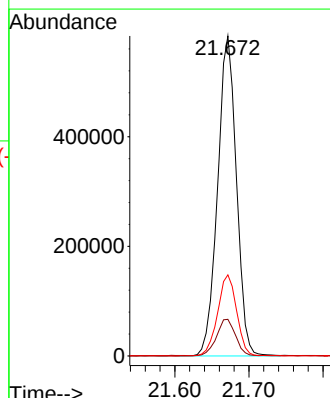
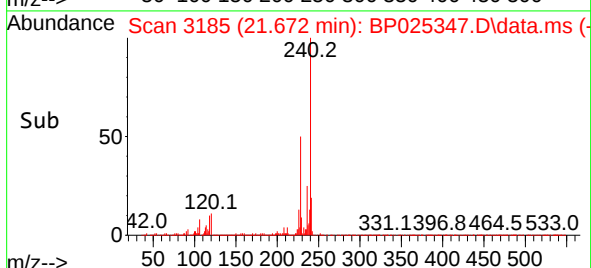
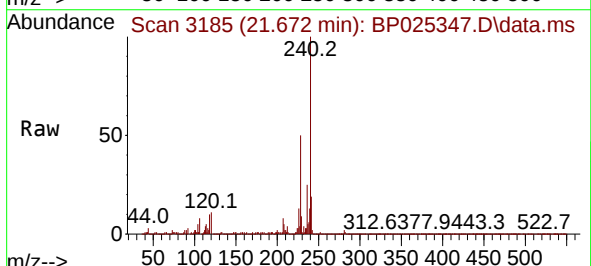
Tgt Ion:240 Resp: 1028742

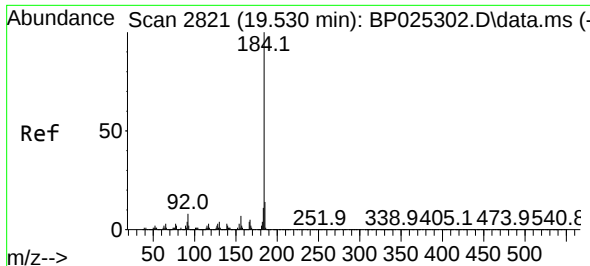
Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

236 25.3 20.4 30.6

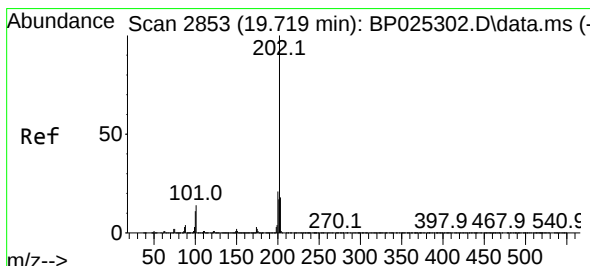
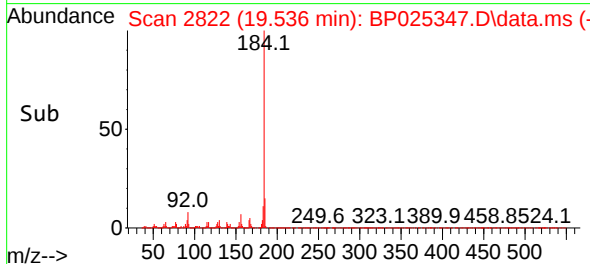
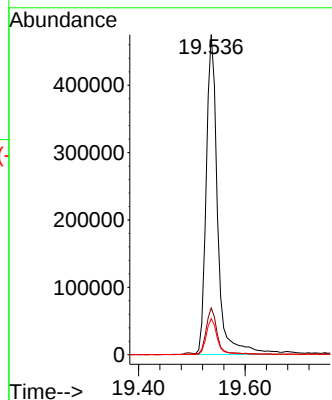
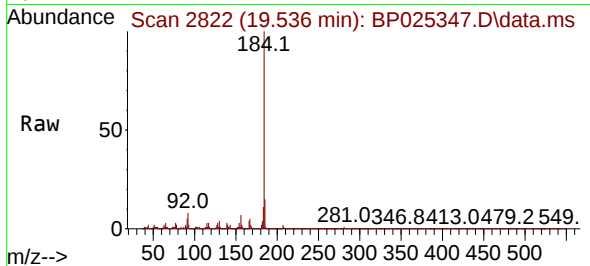




#77
Benzidine
Concen: 18.989 ng
RT: 19.536 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

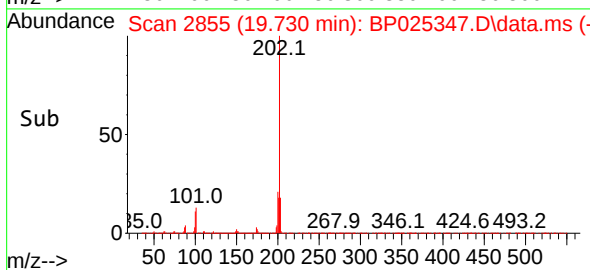
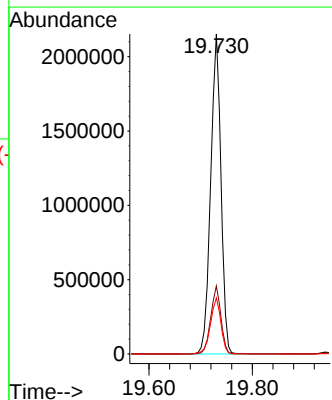
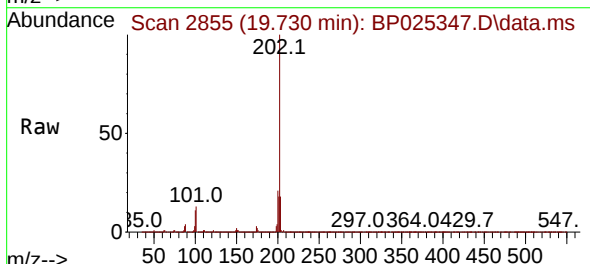
Instrument :
BNA_P
ClientSampleId :
TP-4MS

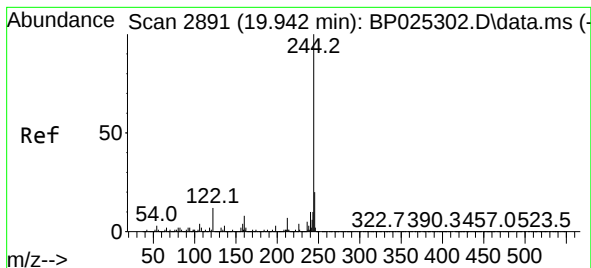
Tgt Ion:184 Resp: 707069
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 11.2 9.2 13.8



#78
Pyrene
Concen: 43.474 ng
RT: 19.730 min Scan# 2855
Delta R.T. 0.011 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:202 Resp: 2973995
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 78.347 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.000 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

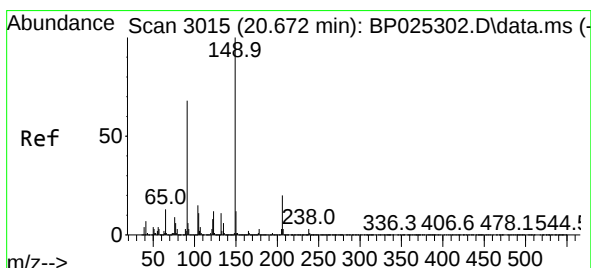
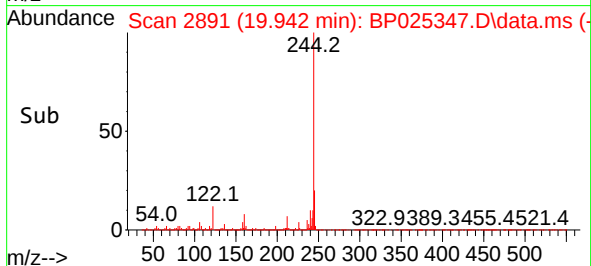
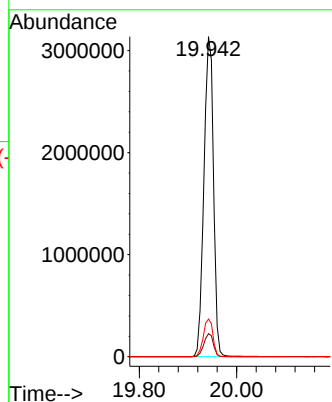
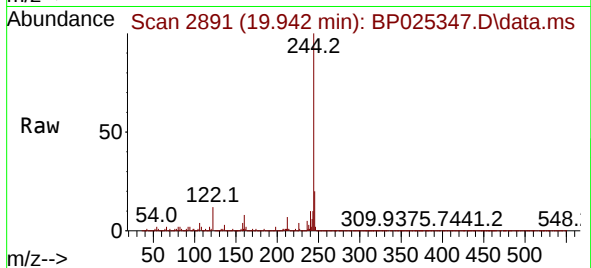
Tgt Ion:244 Resp: 4267258

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.7 9.5 14.3



#80

Butylbenzylphthalate

Concen: 51.478 ng

RT: 20.677 min Scan# 3016

Delta R.T. 0.005 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

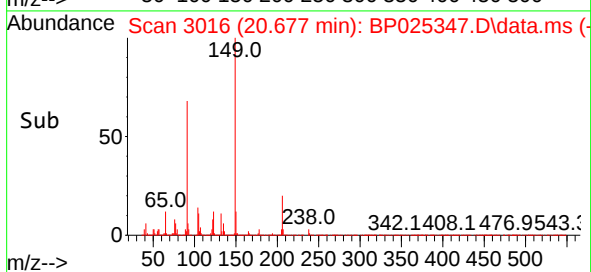
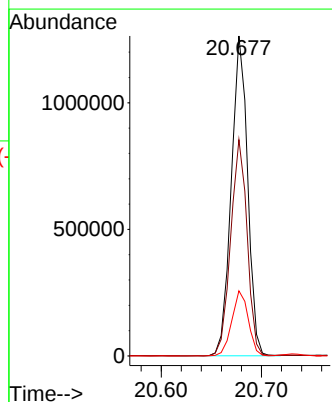
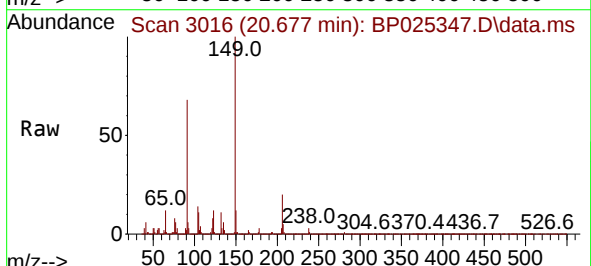
Tgt Ion:149 Resp: 1428226

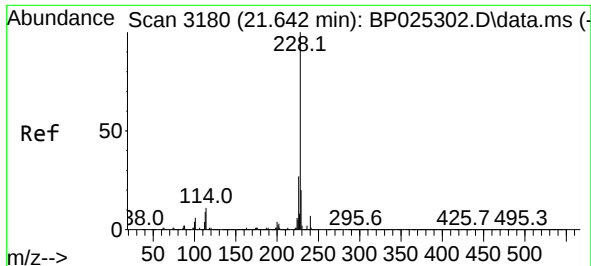
Ion Ratio Lower Upper

149 100

91 67.6 54.7 82.1

206 20.4 16.4 24.6

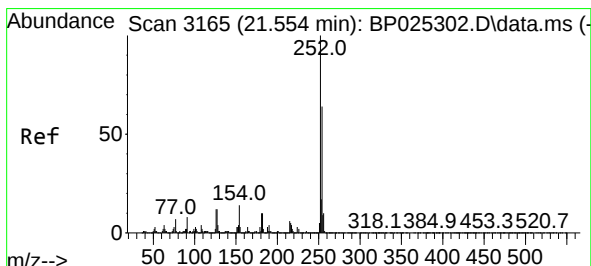
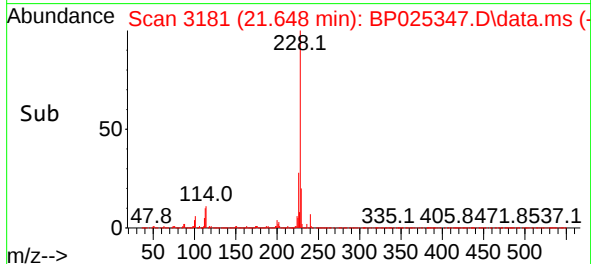
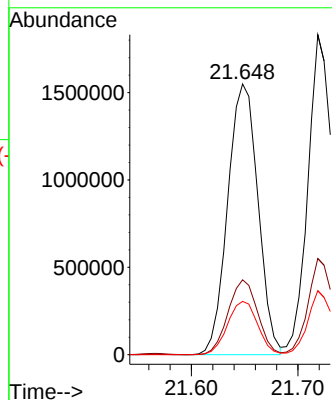
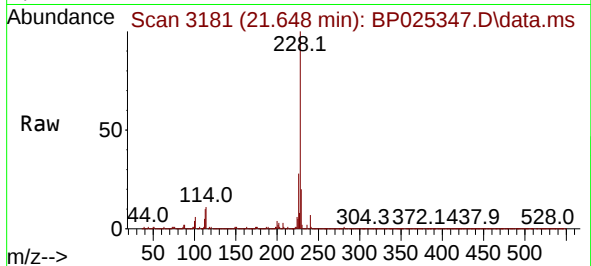




#81
Benzo(a)anthracene
Concen: 44.805 ng
RT: 21.648 min Scan# 3180
Delta R.T. 0.006 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

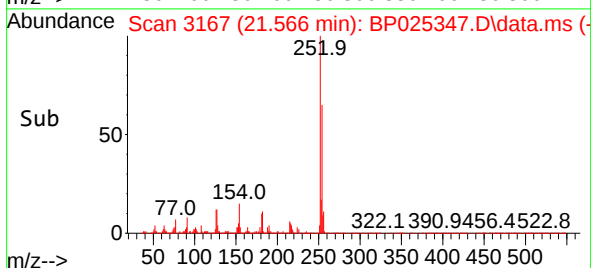
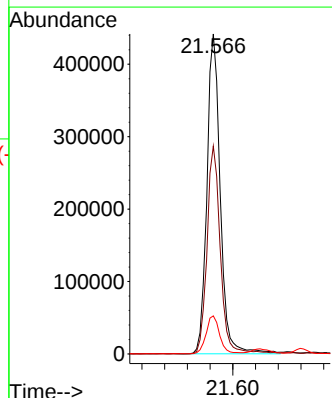
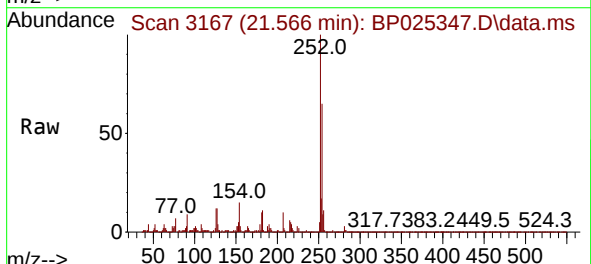
Instrument :
BNA_P
ClientSampleId :
TP-4MS

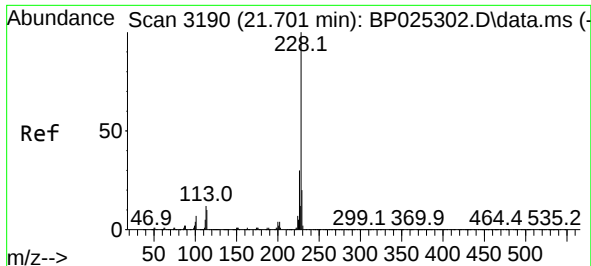
Tgt Ion:228 Resp: 3062996
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 29.779 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:252 Resp: 718263
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 11.9 9.4 14.2

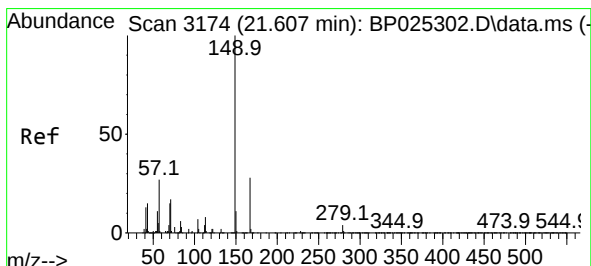
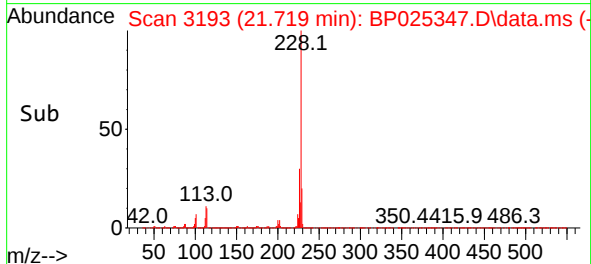
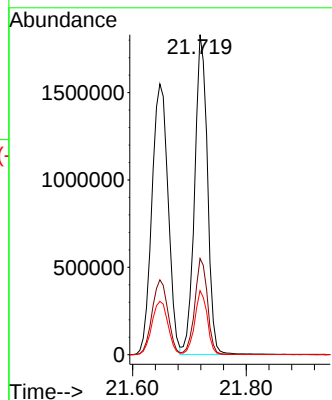
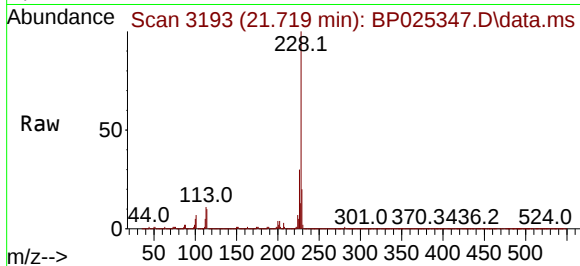




#83
Chrysene
Concen: 45.272 ng
RT: 21.719 min Scan# 3193
Delta R.T. 0.018 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

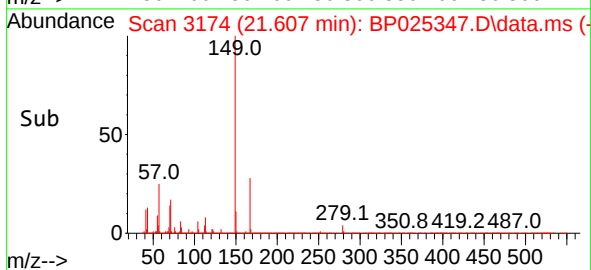
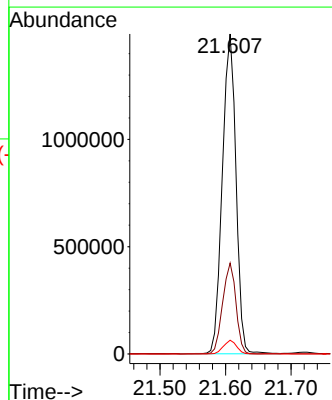
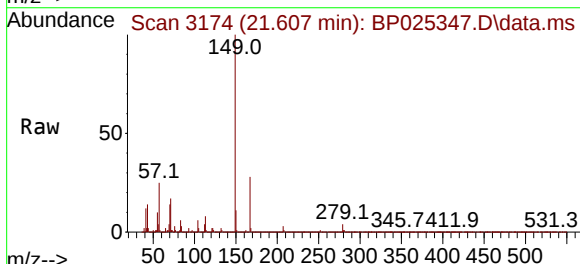
Instrument :
BNA_P
ClientSampleId :
TP-4MS

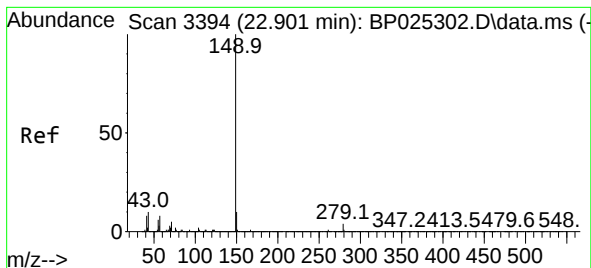
Tgt Ion:228 Resp: 2870570
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 20.0 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.321 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:149 Resp: 2140669
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 50.808 ng

RT: 22.907 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

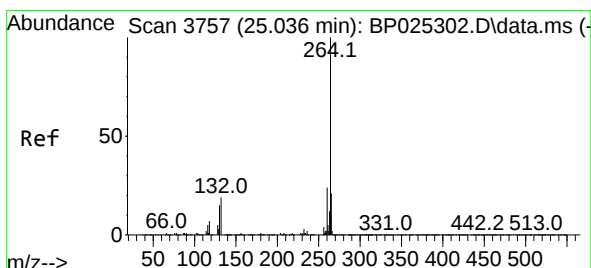
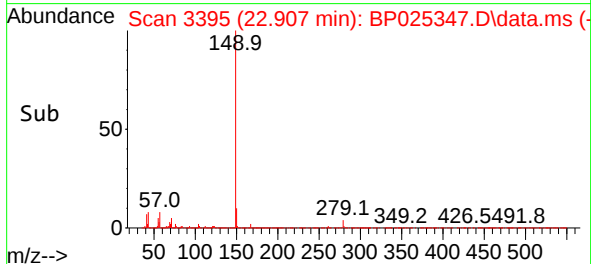
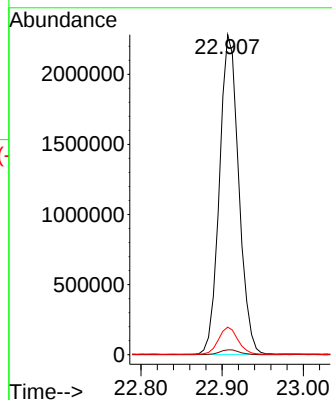
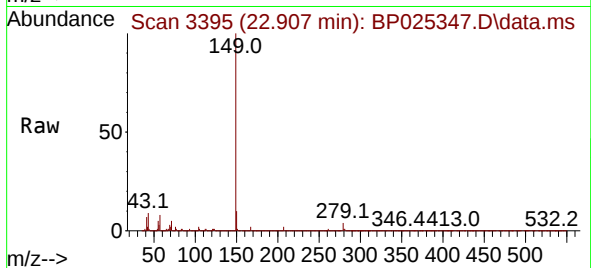
Tgt Ion:149 Resp: 3767561

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.054 min Scan# 3760

Delta R.T. 0.018 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

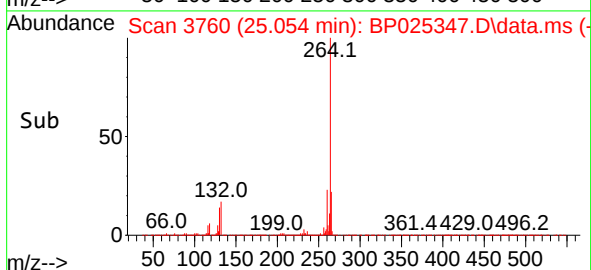
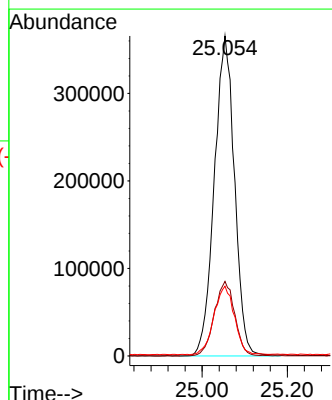
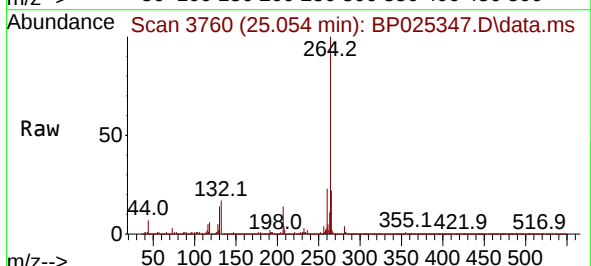
Tgt Ion:264 Resp: 1199045

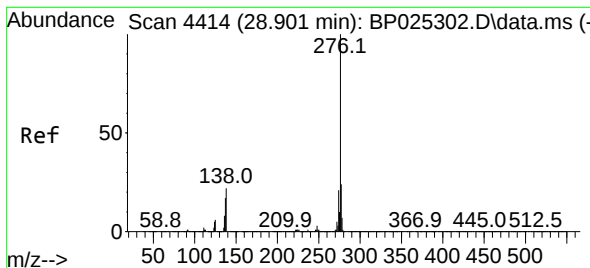
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.611 ng

RT: 28.930 min Scan# 4419

Delta R.T. 0.029 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

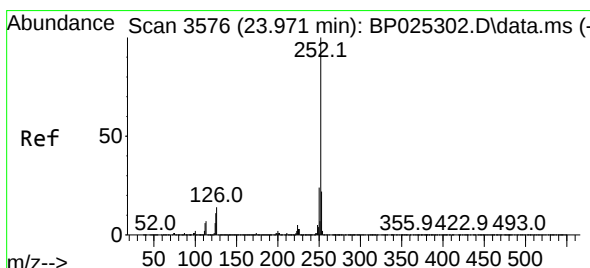
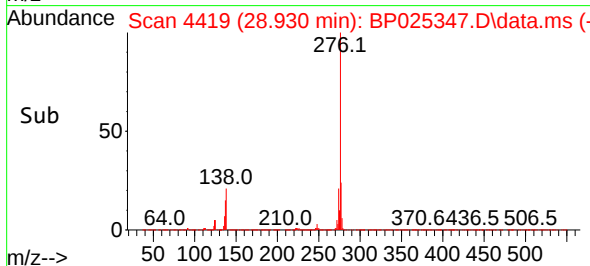
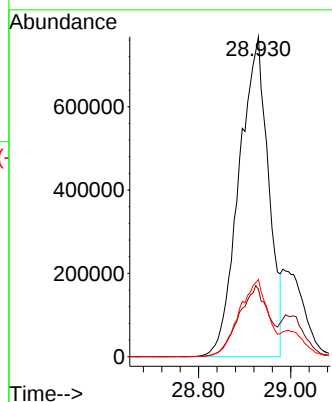
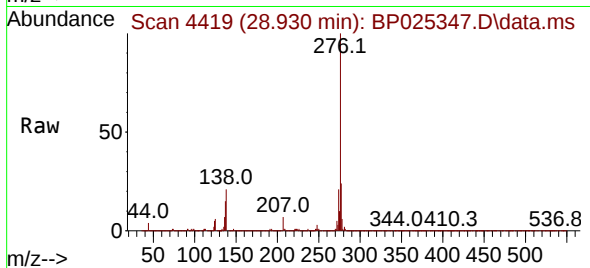
Tgt Ion:276 Resp: 3404249

Ion Ratio Lower Upper

276 100

138 22.5 14.6 22.0#

277 23.7 16.8 25.2



#88

Benzo(b)fluoranthene

Concen: 44.663 ng

RT: 23.977 min Scan# 3577

Delta R.T. 0.006 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

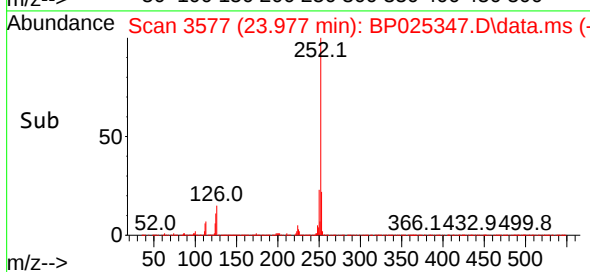
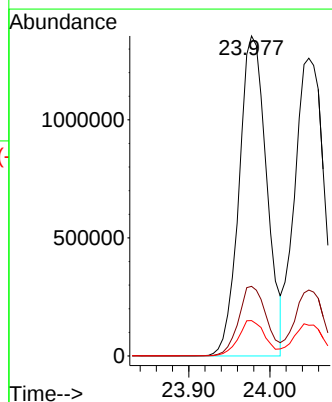
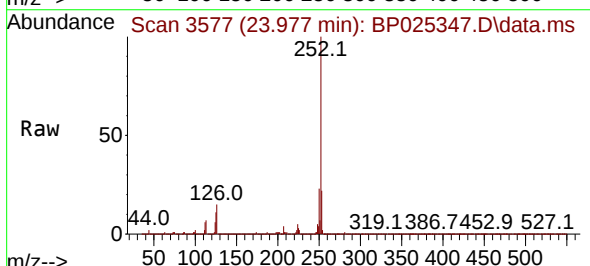
Tgt Ion:252 Resp: 3205754

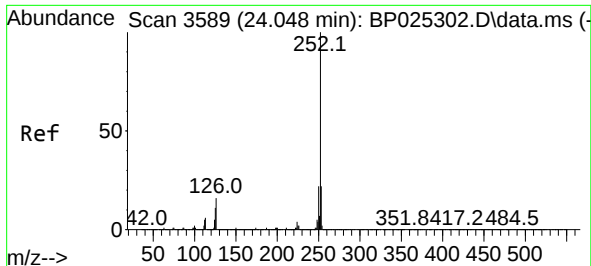
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.0 8.5 12.7

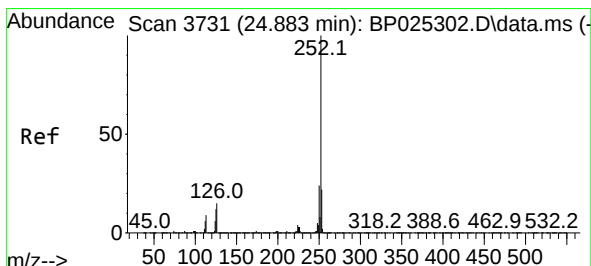
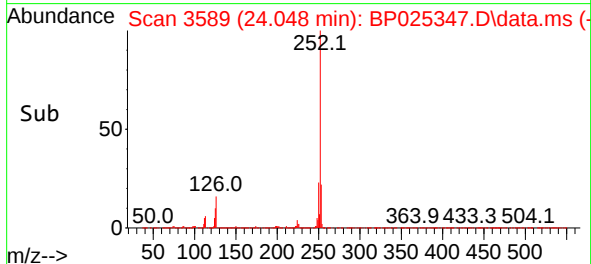
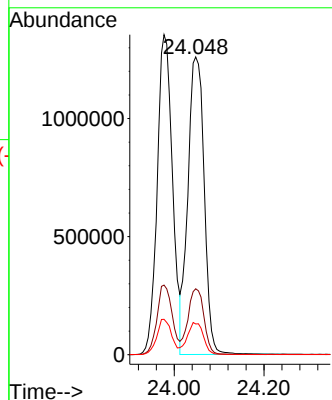
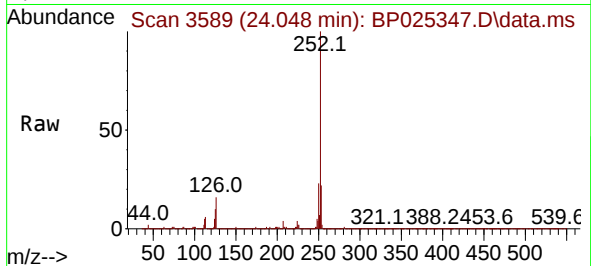




#89
Benzo(k)fluoranthene
Concen: 44.688 ng
RT: 24.048 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

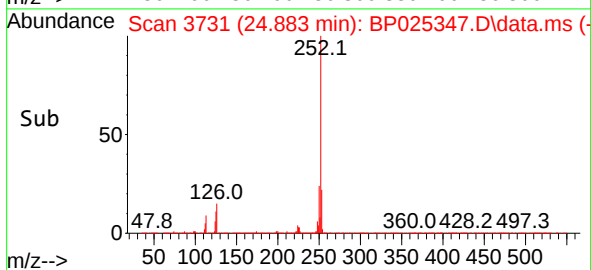
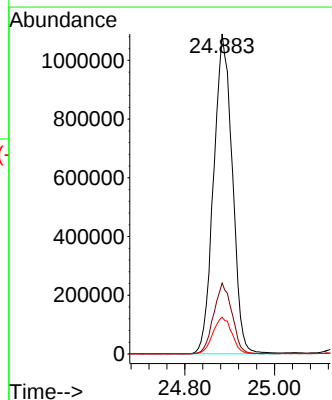
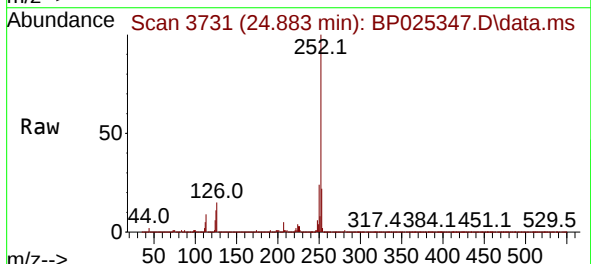
Instrument :
BNA_P
ClientSampleId :
TP-4MS

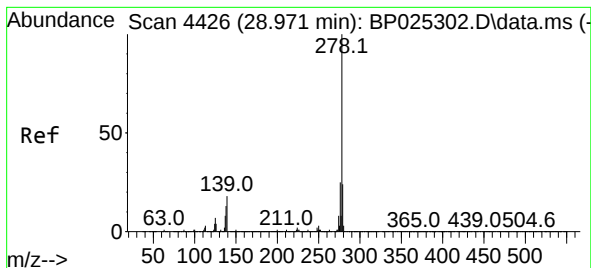
Tgt Ion:252 Resp: 3179723
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.3 8.5 12.7



#90
Benzo(a)pyrene
Concen: 45.623 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP025347.D
Acq: 11 Aug 2025 13:59

Tgt Ion:252 Resp: 3153593
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.5 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 47.802 ng

RT: 29.006 min Scan# 4426

Delta R.T. 0.035 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Instrument :

BNA_P

ClientSampleId :

TP-4MS

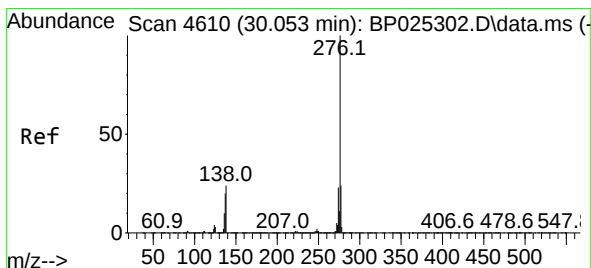
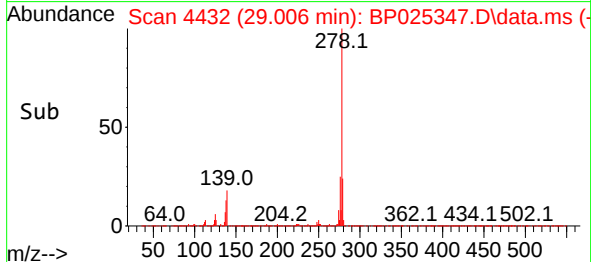
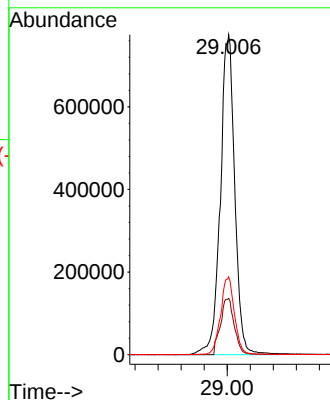
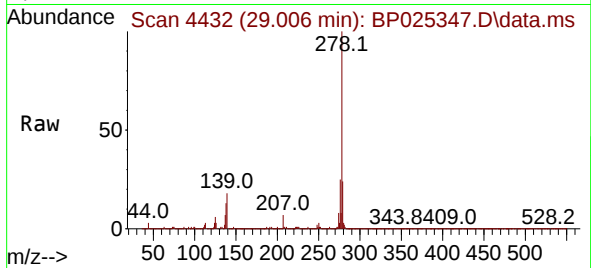
Tgt Ion:278 Resp: 3364601

Ion Ratio Lower Upper

278 100

139 17.6 14.6 22.0

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.076 ng

RT: 30.124 min Scan# 4622

Delta R.T. 0.071 min

Lab File: BP025347.D

Acq: 11 Aug 2025 13:59

Tgt Ion:276 Resp: 3321083

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 21.7 19.1 28.7

