

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
 Data File : BP025313.D
 Acq On : 07 Aug 2025 14:28
 Operator : CG/JU
 Sample : Q2763-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

Quant Time: Aug 07 14:46:07 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	221339	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	916218	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	588971	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1201001	20.000	ng	-0.01
76) Chrysene-d12	21.660	240	1176296	20.000	ng	0.00
86) Perylene-d12	25.036	264	1330316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1562859	113.565	ng	0.00
7) Phenol-d6	6.972	99	1900658	104.942	ng	0.00
23) Nitrobenzene-d5	8.943	82	1314181	79.465	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	834058	141.951	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	3029872	71.054	ng	0.00
79) Terphenyl-d14	19.942	244	4718093	75.759	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.349	88	181515	33.424	ng	# 68
3) Pyridine	3.737	79	496876	32.931	ng	97
4) n-Nitrosodimethylamine	3.643	42	249221	35.578	ng	95
6) Aniline	7.137	93	544442	21.898	ng	97
8) 2-Chlorophenol	7.372	128	639740	42.469	ng	99
9) Benzaldehyde	6.949	77	281865	21.912	ng	96
10) Phenol	6.996	94	721038	37.208	ng	100
11) bis(2-Chloroethyl)ether	7.231	93	572421	37.700	ng	99
12) 1,3-Dichlorobenzene	7.696	146	637576	37.668	ng	99
13) 1,4-Dichlorobenzene	7.837	146	648981	37.899	ng	98
14) 1,2-Dichlorobenzene	8.155	146	627169	37.808	ng	99
15) Benzyl Alcohol	8.031	79	567057	40.391	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.331	45	835634	34.839	ng	99
17) 2-Methylphenol	8.231	107	537504	41.453	ng	99
18) Hexachloroethane	8.878	117	231212	37.755	ng	98
19) n-Nitroso-di-n-propyla...	8.596	70	449798	37.799	ng	98
20) 3+4-Methylphenols	8.549	107	727470	40.742	ng	97
22) Acetophenone	8.608	105	918172	39.920	ng	99
24) Nitrobenzene	8.984	77	648775	41.442	ng	95
25) Isophorone	9.508	82	1319191	40.073	ng	100
26) 2-Nitrophenol	9.684	139	319115	46.886	ng	98
27) 2,4-Dimethylphenol	9.749	122	641648	42.277	ng	98
28) bis(2-Chloroethoxy)met...	9.984	93	809246	40.410	ng	99
29) 2,4-Dichlorophenol	10.219	162	626440	47.145	ng	99
30) 1,2,4-Trichlorobenzene	10.437	180	588995	40.179	ng	99
31) Naphthalene	10.625	128	1900022	39.947	ng	100
32) Benzoic acid	9.866	122	454934	51.160	ng	98
33) 4-Chloroaniline	10.719	127	211234	9.986	ng	99
34) Hexachlorobutadiene	10.919	225	336435	39.981	ng	97
35) Caprolactam	11.484	113	209611	40.664	ng	93
36) 4-Chloro-3-methylphenol	11.837	107	718893	46.757	ng	100
37) 2-Methylnaphthalene	12.231	142	1269364	41.232	ng	100
38) 1-Methylnaphthalene	12.449	142	1319234	41.069	ng	100
40) 1,2,4,5-Tetrachloroben...	12.602	216	668645	41.583	ng	100
41) Hexachlorocyclopentadiene	12.590	237	499288	50.310	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	509284	49.029	ng	97

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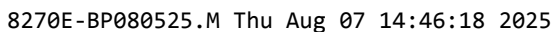
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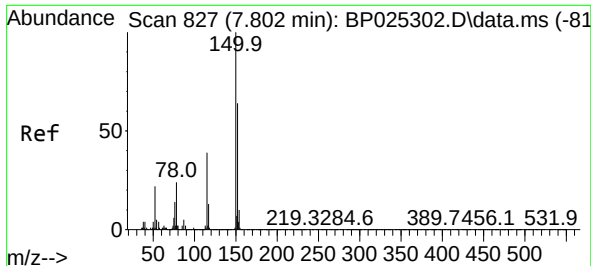
Quant Time: Aug 07 14:46:07 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	581255	49.882	ng	100
46) 1,1'-Biphenyl	13.249	154	1829065	42.140	ng	99
47) 2-Chloronaphthalene	13.284	162	1388405	41.928	ng	98
48) 2-Nitroaniline	13.478	65	461747	47.626	ng	94
49) Acenaphthylene	14.131	152	2376665	43.028	ng	99
50) Dimethylphthalate	13.872	163	1922717	44.782	ng	100
51) 2,6-Dinitrotoluene	13.984	165	405340	51.182	ng	92
52) Acenaphthene	14.478	154	1478244	43.875	ng	99
53) 3-Nitroaniline	14.307	138	251805	27.172	ng	99
54) 2,4-Dinitrophenol	14.507	184	151365	46.627	ng	# 59
55) Dibenzofuran	14.819	168	2165553	43.011	ng	100
56) 4-Nitrophenol	14.619	139	766453	93.714	ng	97
57) 2,4-Dinitrotoluene	14.772	165	573519	46.803	ng	99
58) Fluorene	15.478	166	1725371	43.631	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	494062	50.758	ng	98
60) Diethylphthalate	15.260	149	1989777	45.968	ng	99
61) 4-Chlorophenyl-phenyle...	15.484	204	814050	43.423	ng	98
62) 4-Nitroaniline	15.490	138	421374	45.890	ng	97
63) Azobenzene	15.778	77	1753016	43.594	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	146153	32.045	ng	99
66) n-Nitrosodiphenylamine	15.695	169	1612540	44.097	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	538797	44.587	ng	96
68) Hexachlorobenzene	16.507	284	600933	44.319	ng	98
69) Atrazine	16.678	200	582911	45.327	ng	99
70) Pentachlorophenol	16.854	266	857117	99.219	ng	100
71) Phenanthrene	17.260	178	2887546	43.897	ng	99
72) Anthracene	17.360	178	2959175	44.616	ng	100
73) Carbazole	17.625	167	2824703	44.366	ng	99
74) Di-n-butylphthalate	18.237	149	3542540	45.993	ng	99
75) Fluoranthene	19.336	202	3339110	43.850	ng	99
77) Benzidine	19.536	184	1085842	25.504	ng	99
78) Pyrene	19.713	202	3424311	43.777	ng	99
80) Butylbenzylphthalate	20.683	149	1623760	51.184	ng	99
81) Benzo(a)anthracene	21.642	228	3395999	43.445	ng	98
82) 3,3'-Dichlorobenzidine	21.566	252	975536	35.372	ng	99
83) Chrysene	21.713	228	3183194	43.906	ng	100
84) Bis(2-ethylhexyl)phtha...	21.607	149	2409679	47.570	ng	99
85) Di-n-octyl phthalate	22.913	149	4124691	48.647	ng	98
87) Indeno(1,2,3-cd)pyrene	28.877	276	3526133	36.980	ng	93
88) Benzo(b)fluoranthene	23.983	252	3378818	42.429	ng	100
89) Benzo(k)fluoranthene	24.048	252	3381495	42.834	ng	99
90) Benzo(a)pyrene	24.883	252	3316495	43.245	ng	99
91) Dibenzo(a,h)anthracene	28.995	278	3417760	43.766	ng	97
92) Benzo(g,h,i)perylene	30.089	276	3304761	43.119	ng	99

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

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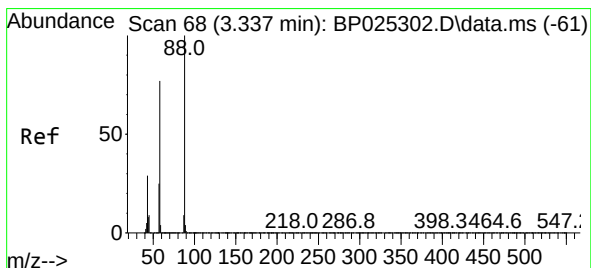
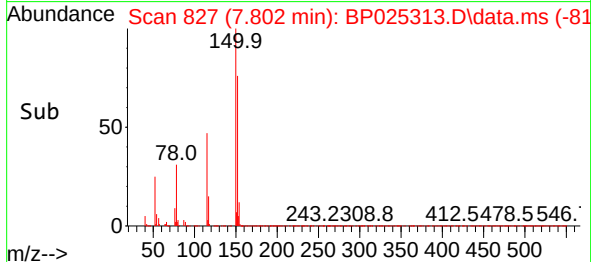
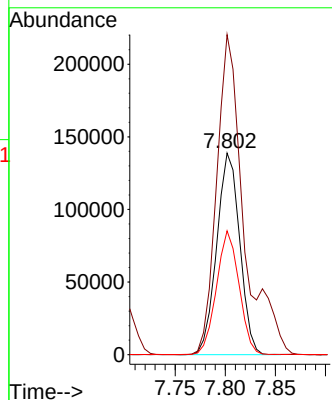
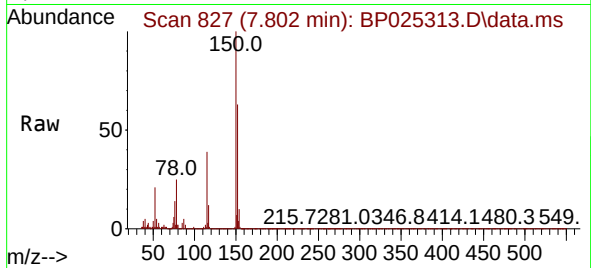




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025313.D
 Acq: 07 Aug 2025 14:28

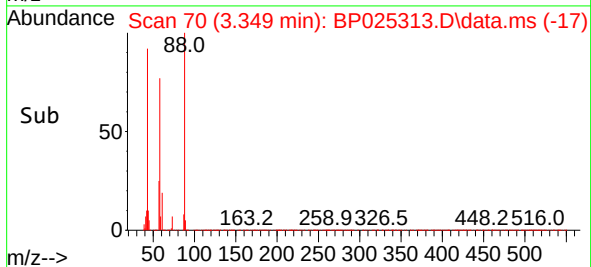
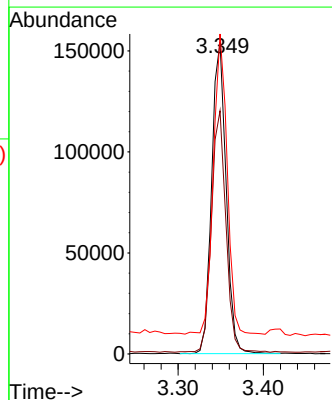
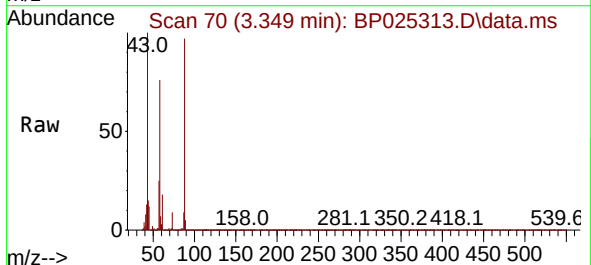
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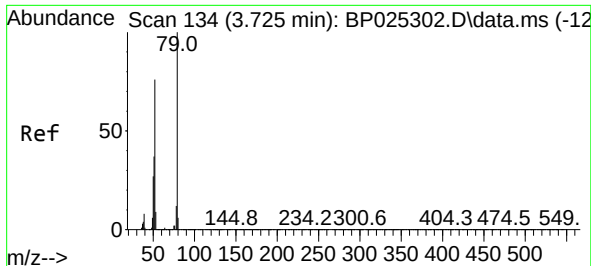
Tgt Ion:152 Resp: 221339
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.1 187.7
 115 61.4 48.4 72.6



#2
 1,4-Dioxane
 Concen: 33.424 ng
 RT: 3.349 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: BP025313.D
 Acq: 07 Aug 2025 14:28

Tgt Ion: 88 Resp: 181515
 Ion Ratio Lower Upper
 88 100
 58 77.3 61.9 92.9
 43 92.0 24.2 36.2

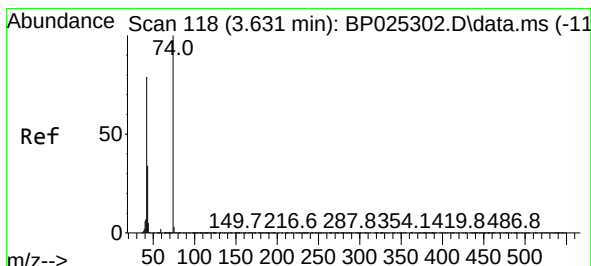
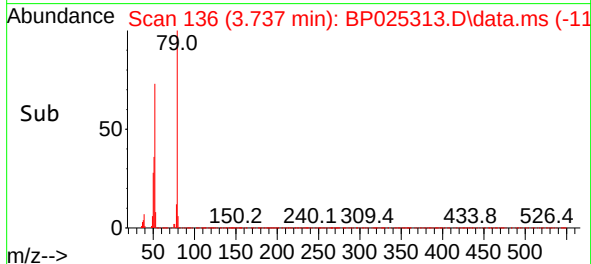
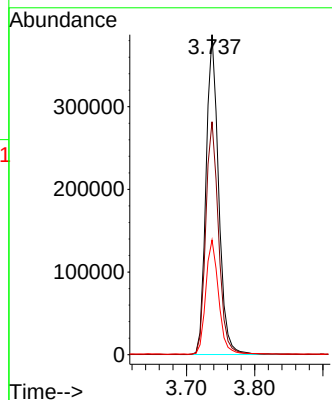
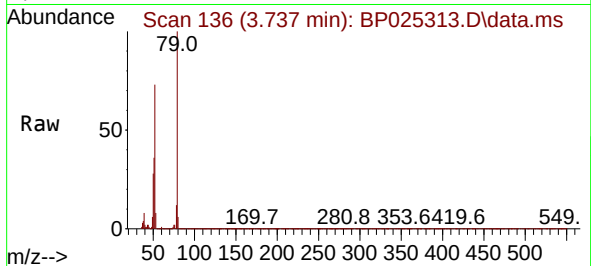




#3
Pyridine
Concen: 32.931 ng
RT: 3.737 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

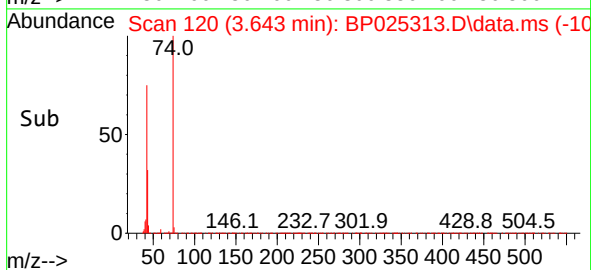
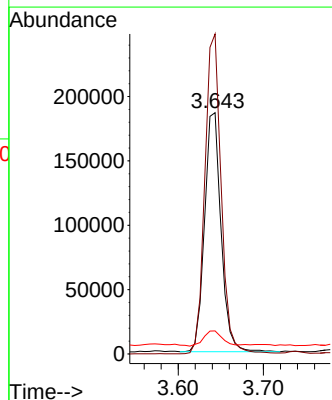
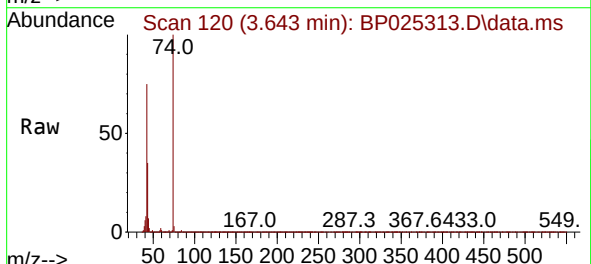
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BNA_P
ClientSampleId :
TP-2MS

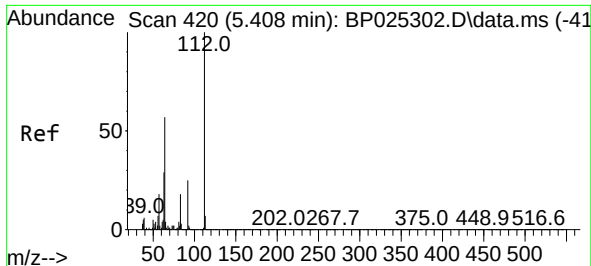
Tgt Ion: 79 Resp: 496876
Ion Ratio Lower Upper
79 100
52 72.8 60.5 90.7
51 35.9 30.2 45.2



#4
n-Nitrosodimethylamine
Concen: 35.578 ng
RT: 3.643 min Scan# 120
Delta R.T. 0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 42 Resp: 249221
Ion Ratio Lower Upper
42 100
74 132.6 101.4 152.2
44 9.6 7.6 11.4

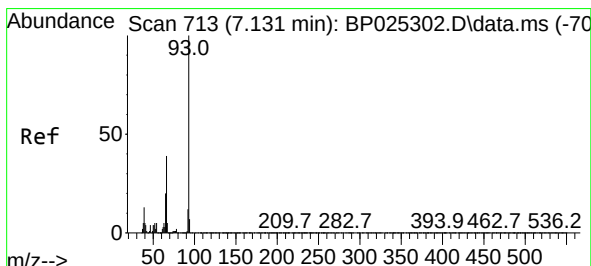
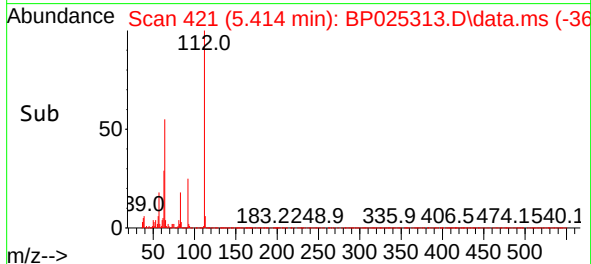
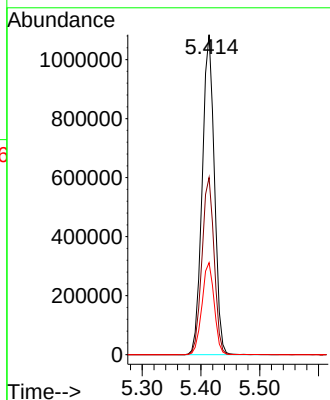
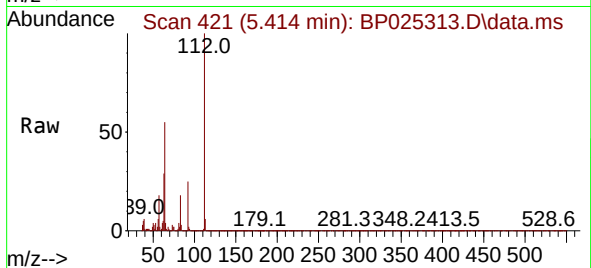




#5
2-Fluorophenol
Concen: 113.565 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

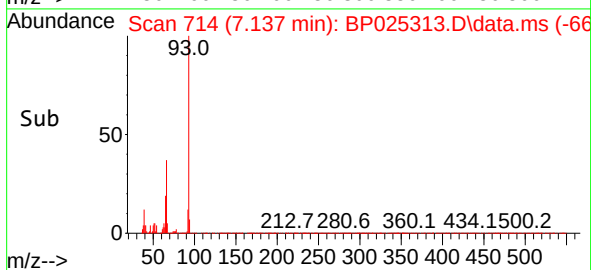
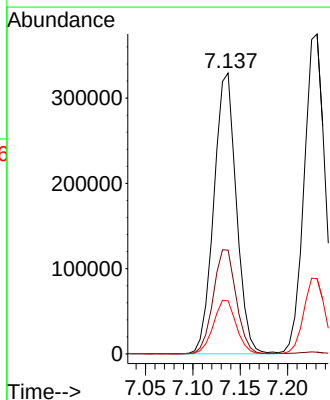
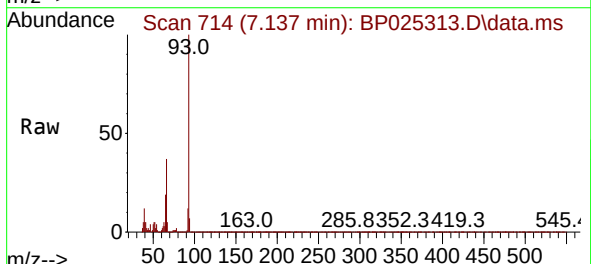
Instrument :
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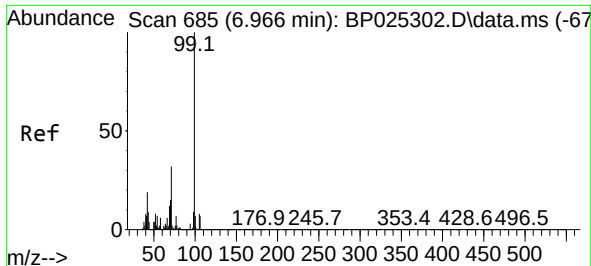
Tgt Ion:112 Resp: 1562859
Ion Ratio Lower Upper
112 100
64 55.4 45.3 67.9
63 28.8 23.0 34.6



#6
Aniline
Concen: 21.898 ng
RT: 7.137 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 93 Resp: 544442
Ion Ratio Lower Upper
93 100
66 37.0 31.1 46.7
65 18.9 15.8 23.8

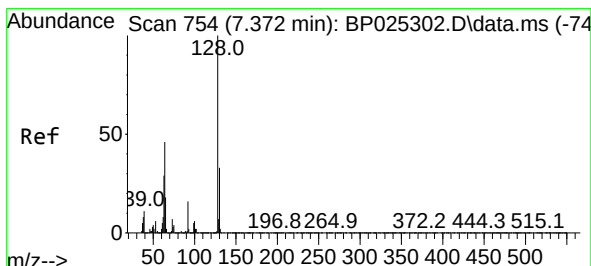
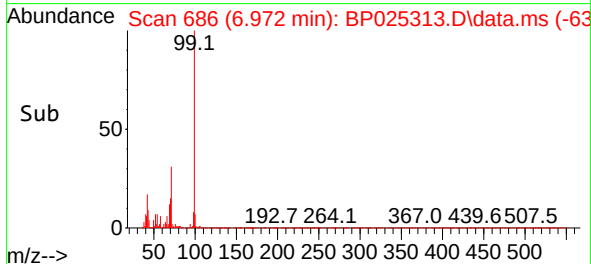
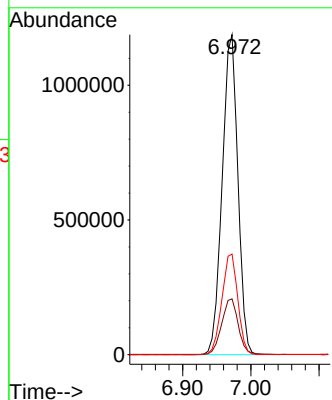
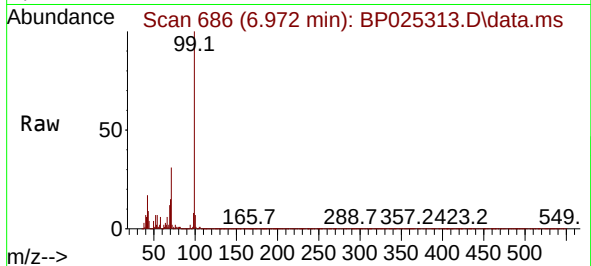




#7
Phenol-d6
Concen: 104.942 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

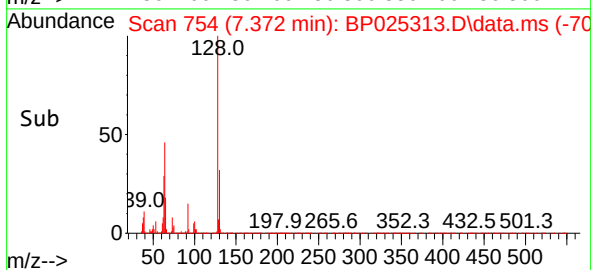
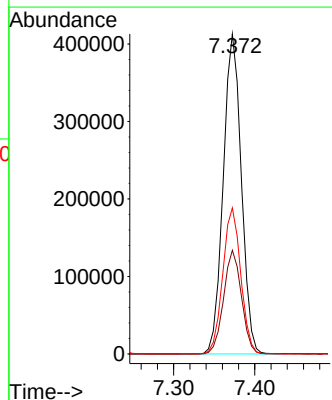
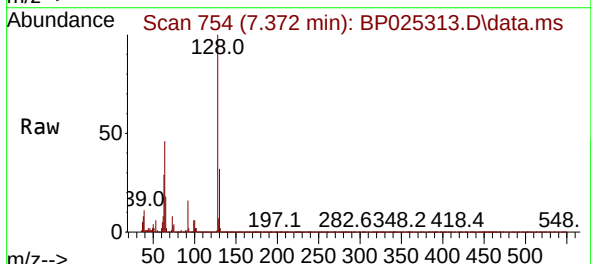
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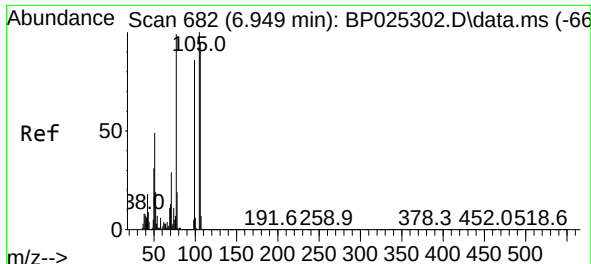
Tgt Ion: 99 Resp: 1900658
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 31.5 25.5 38.3



#8
2-Chlorophenol
Concen: 42.469 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:128 Resp: 639740
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 45.7 26.1 66.1

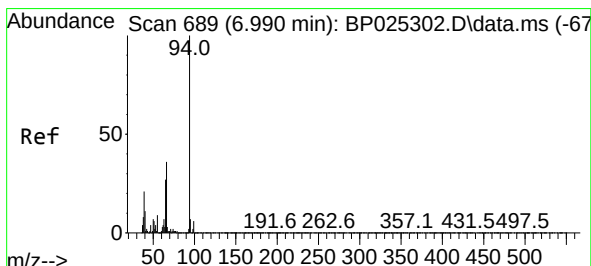
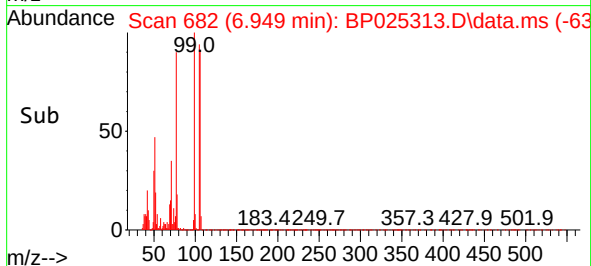
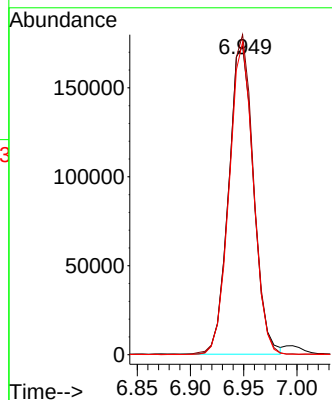
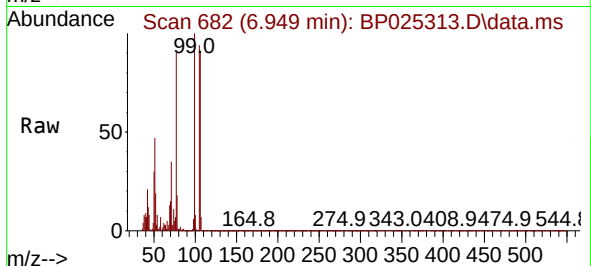




#9
Benzaldehyde
Concen: 21.912 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

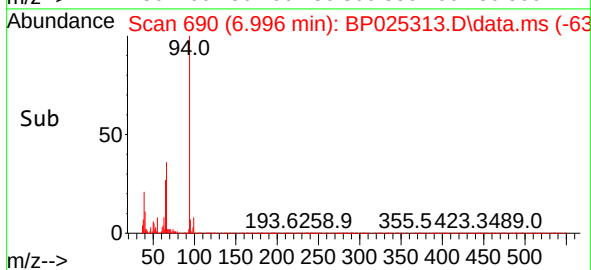
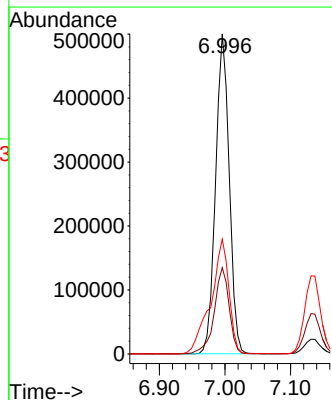
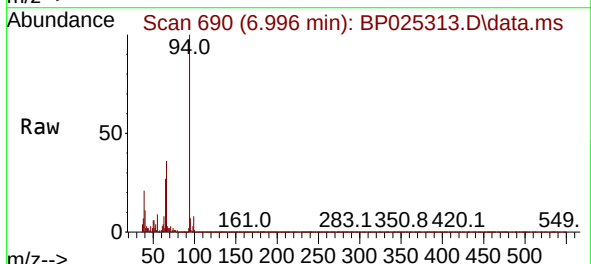
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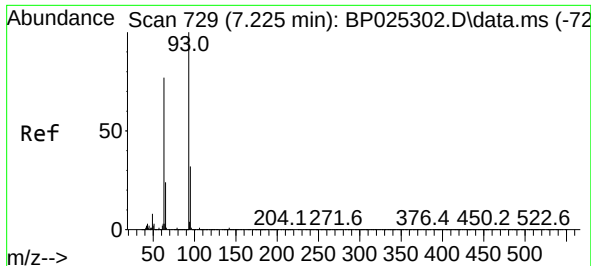
Tgt Ion: 77 Resp: 281865
Ion Ratio Lower Upper
77 100
105 103.8 81.4 121.4
106 101.4 76.2 116.2



#10
Phenol
Concen: 37.208 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 94 Resp: 721038
Ion Ratio Lower Upper
94 100
65 27.0 7.3 47.3
66 35.9 15.7 55.7

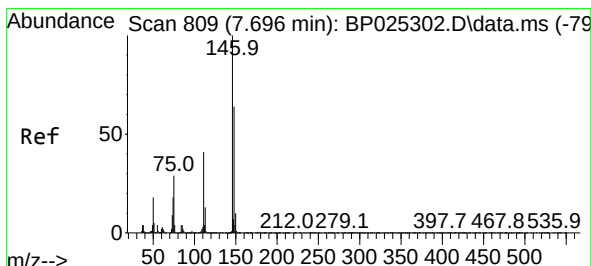
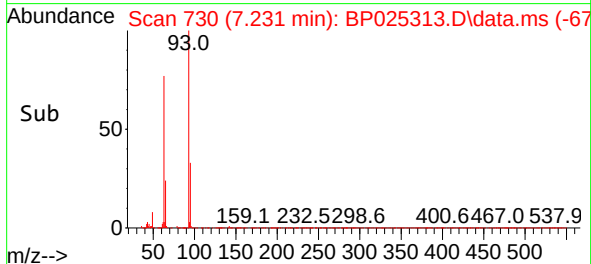
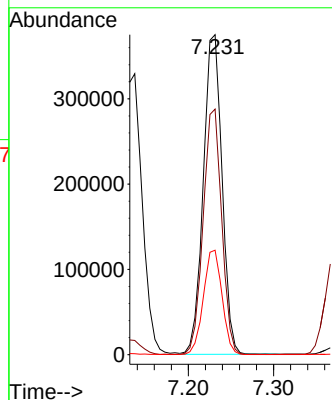
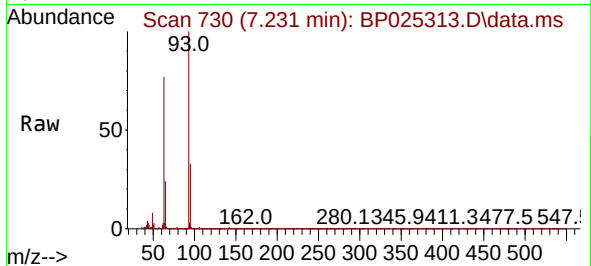




#11
bis(2-Chloroethyl)ether
Concen: 37.700 ng
RT: 7.231 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

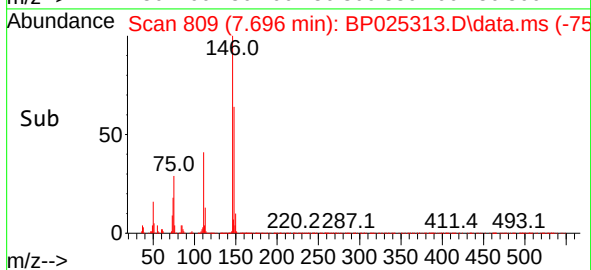
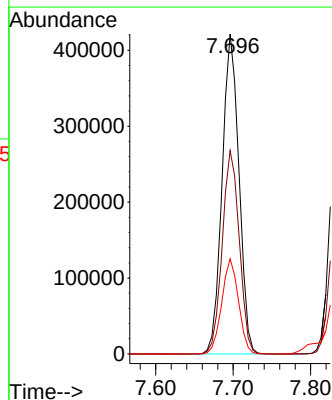
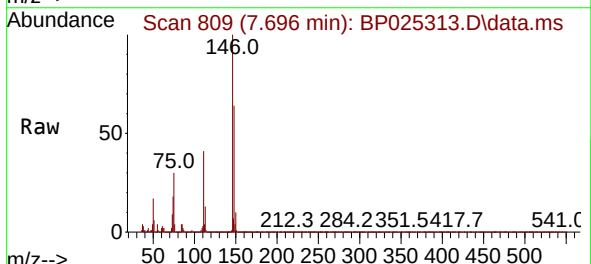
Instrument :
BNA_P
ClientSampleId :
TP-2MS

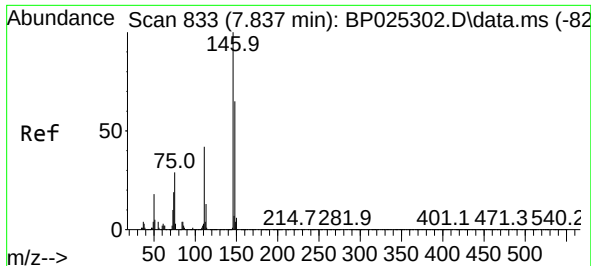
Tgt Ion: 93 Resp: 572421
Ion Ratio Lower Upper
93 100
63 76.7 57.0 97.0
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.668 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:146 Resp: 637576
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 29.8 23.2 34.8

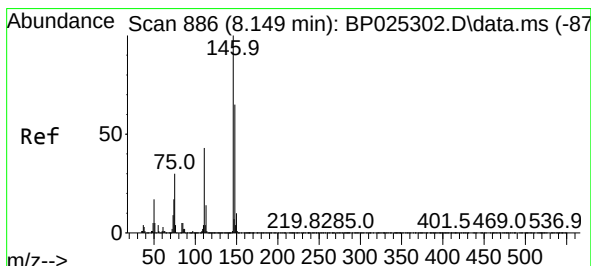
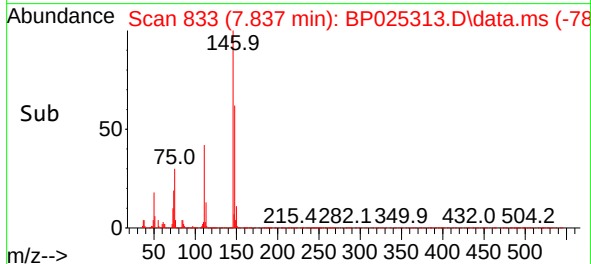
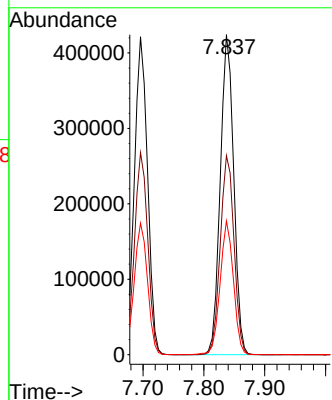
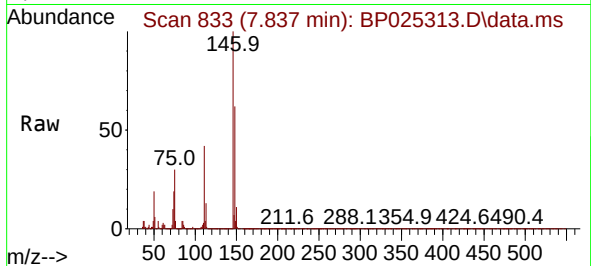




#13
1,4-Dichlorobenzene
Concen: 37.899 ng
RT: 7.837 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

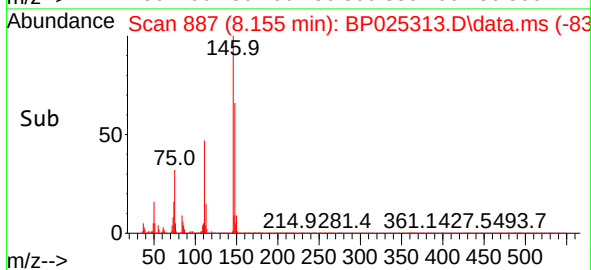
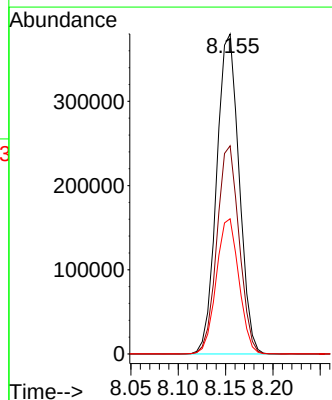
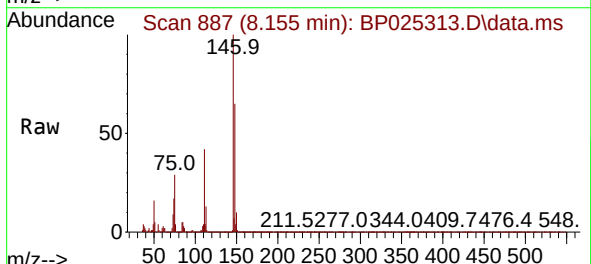
Instrument :
BNA_P
ClientSampleId :
TP-2MS

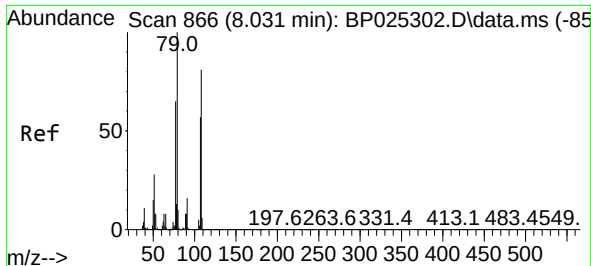
Tgt Ion:146 Resp: 648981
Ion Ratio Lower Upper
146 100
148 62.2 52.0 78.0
111 41.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 37.808 ng
RT: 8.155 min Scan# 887
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:146 Resp: 627169
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
111 42.3 34.4 51.6

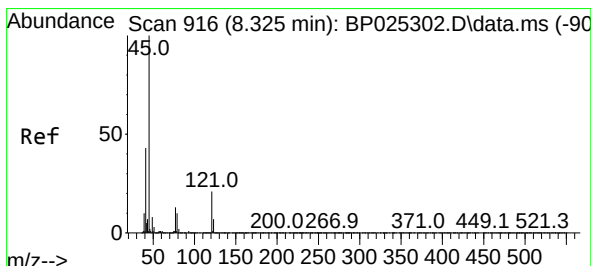
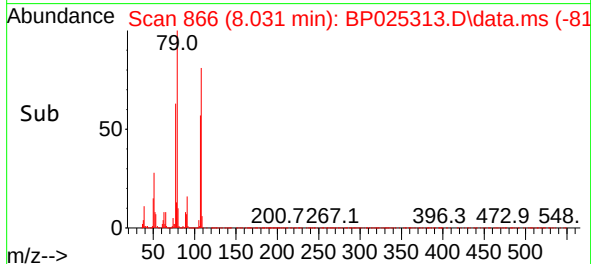
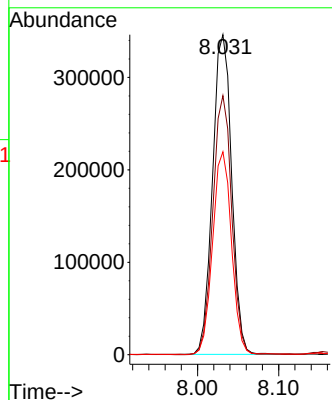
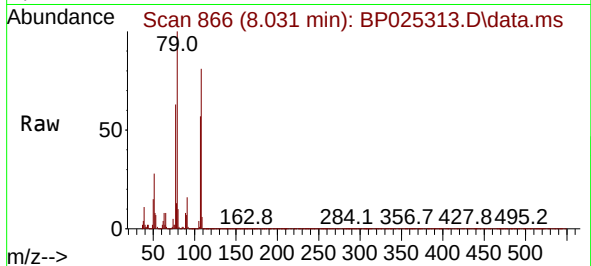




#15
Benzyl Alcohol
Concen: 40.391 ng
RT: 8.031 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

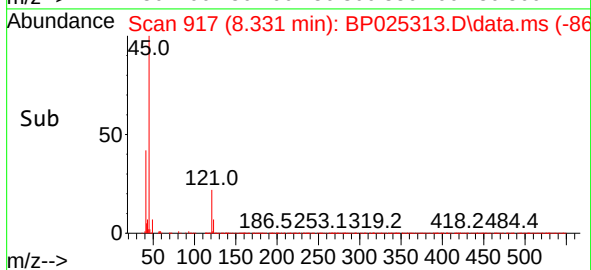
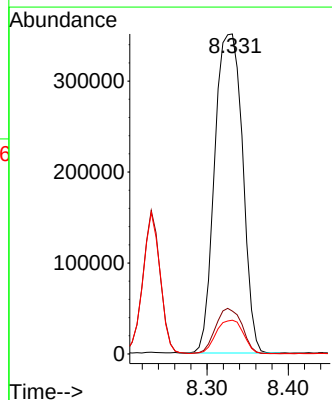
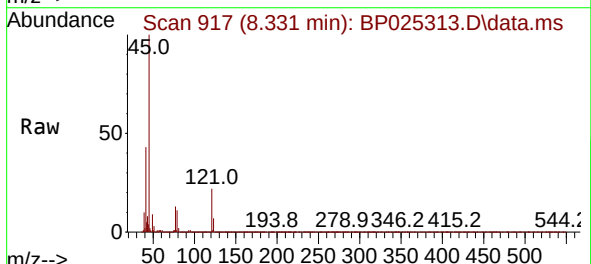
Instrument :
BNA_P
ClientSampleId :
TP-2MS

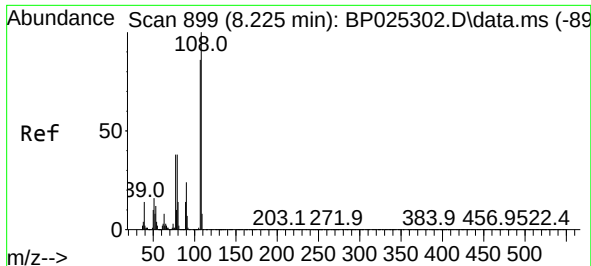
Tgt Ion: 79 Resp: 567057
Ion Ratio Lower Upper
79 100
108 81.0 64.5 96.7
77 63.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.839 ng
RT: 8.331 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 45 Resp: 835634
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.0
79 10.6 0.0 29.8

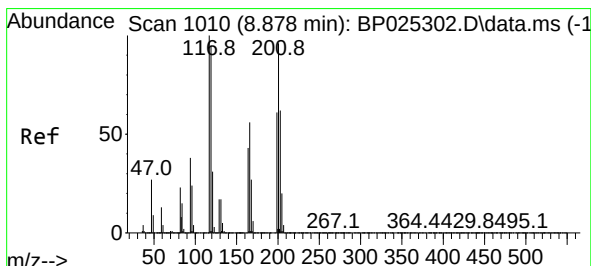
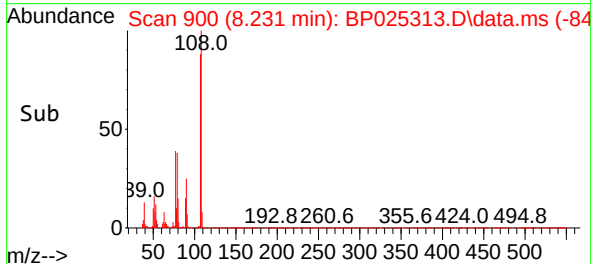
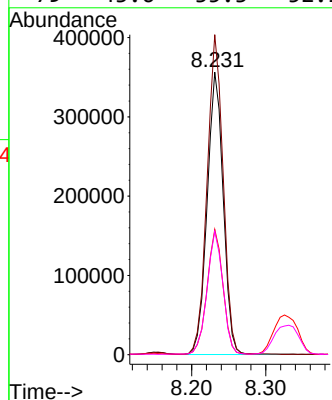
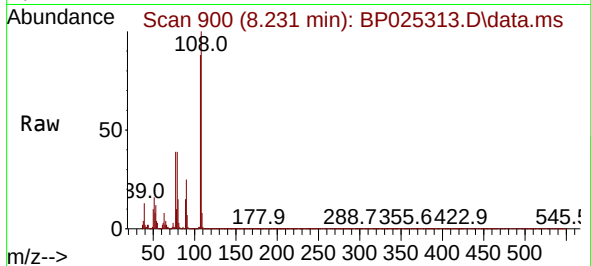




#17
2-Methylphenol
Concen: 41.453 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

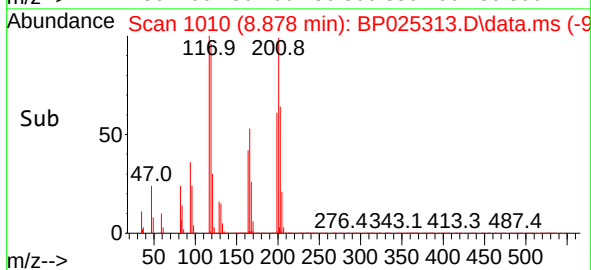
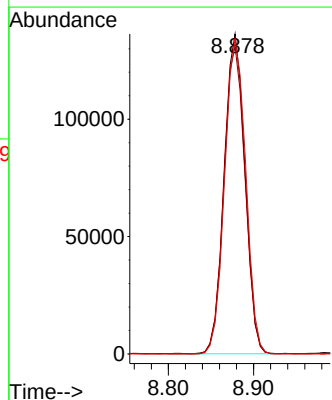
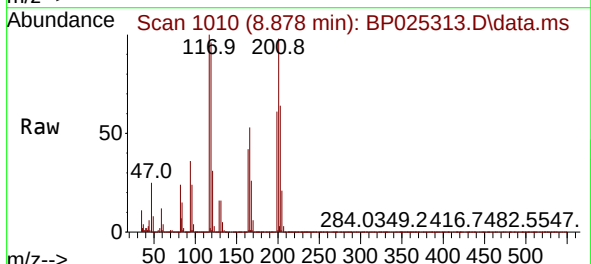
Instrument :
BNA_P
ClientSampleId :
TP-2MS

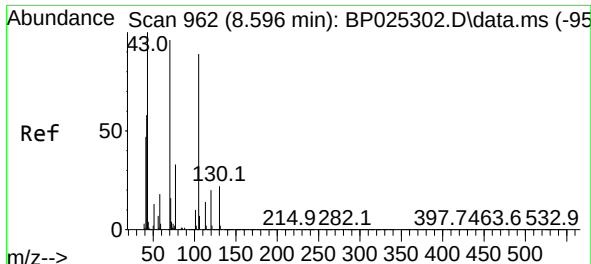
Tgt Ion:	107	Resp:	537504
Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.6	139.0
77	44.3	35.4	53.2
79	43.6	35.3	52.9



#18
Hexachloroethane
Concen: 37.755 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:	117	Resp:	231212
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	98.5	76.6	114.8



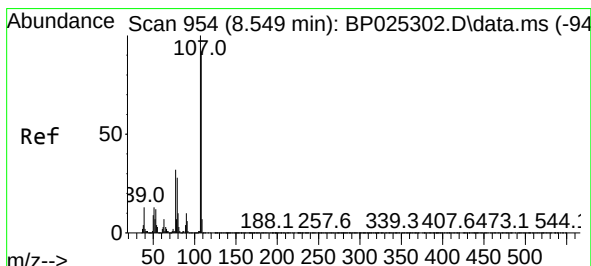
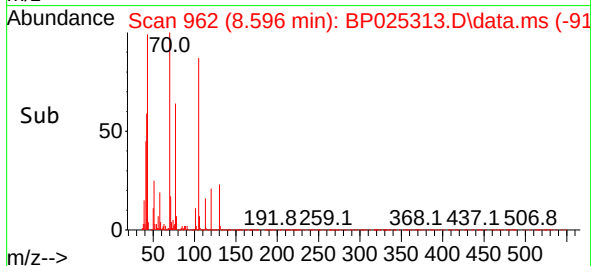
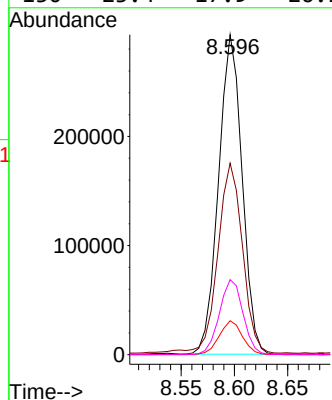
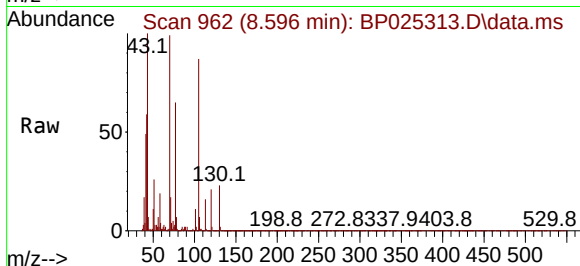


#19
n-Nitroso-di-n-propylamine
Concen: 37.799 ng
RT: 8.596 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tgt Ion: 70 Resp: 449798

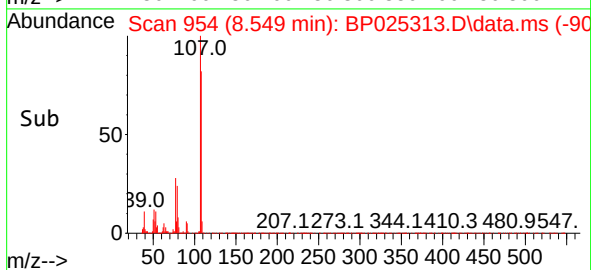
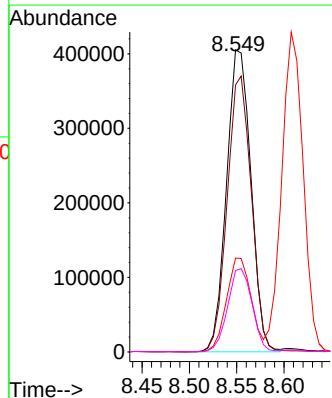
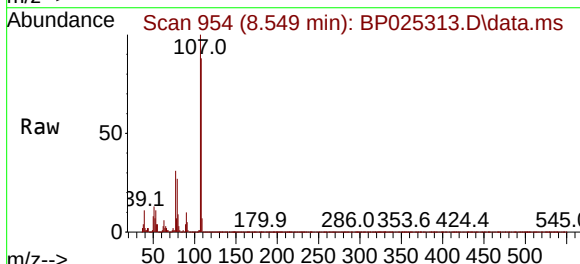
Ion	Ratio	Lower	Upper
70	100		
42	59.8	49.4	74.0
101	10.6	7.9	11.9
130	23.4	17.9	26.9

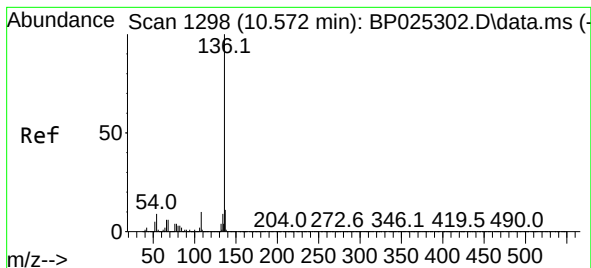


#20
3+4-Methylphenols
Concen: 40.742 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 107 Resp: 727470

Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.9	111.9
77	31.1	12.0	52.0
79	26.9	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: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

Tgt Ion:136 Resp: 916218

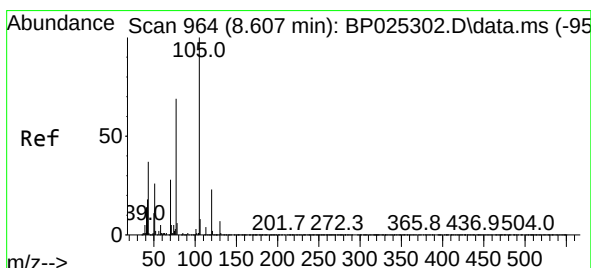
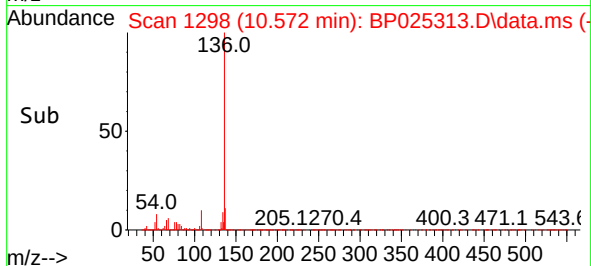
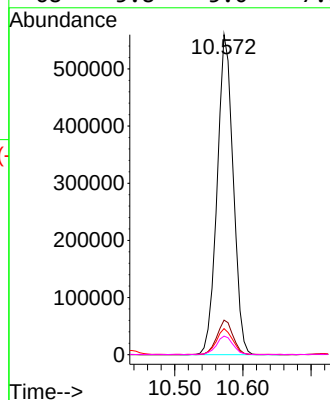
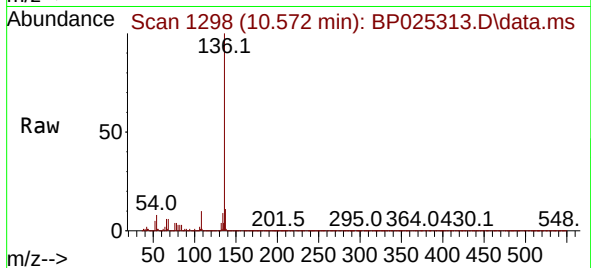
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.2 7.0 10.6

68 5.8 5.0 7.6



#22

Acetophenone

Concen: 39.920 ng

RT: 8.608 min Scan# 964

Delta R.T. 0.001 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Tgt Ion:105 Resp: 918172

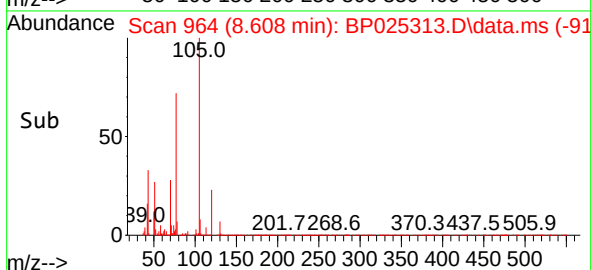
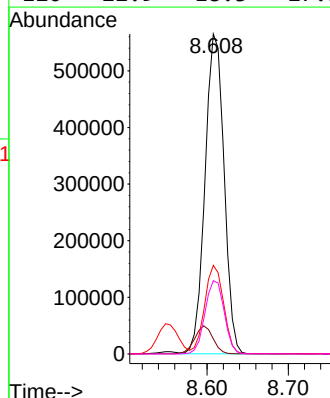
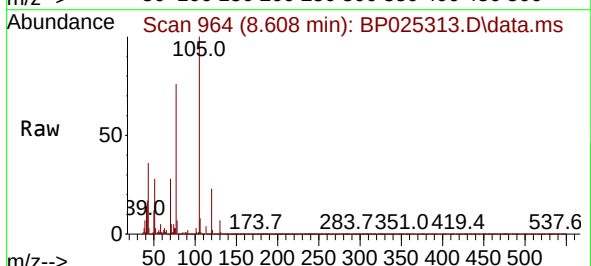
Ion Ratio Lower Upper

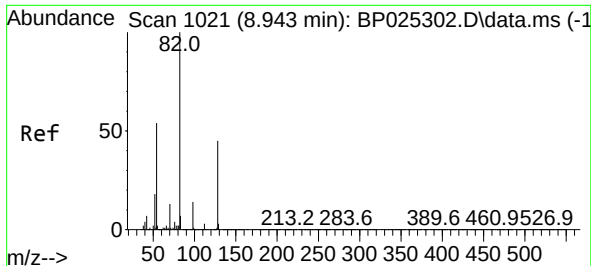
105 100

71 4.7 4.1 6.1

51 27.7 22.7 34.1

120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.465 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

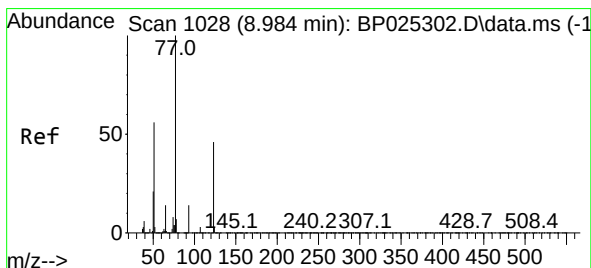
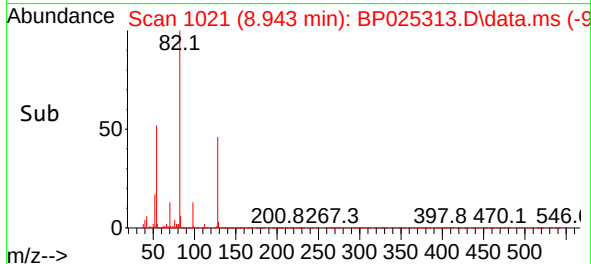
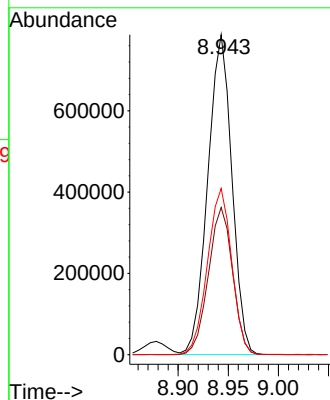
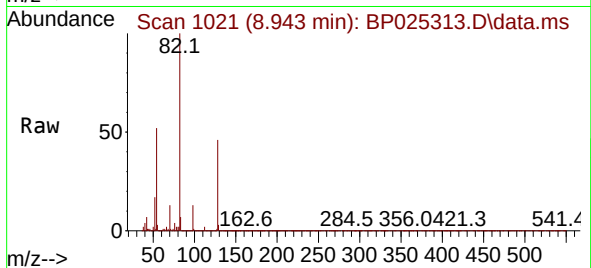
Tgt Ion: 82 Resp: 1314181

Ion Ratio Lower Upper

82 100

128 46.0 35.4 53.2

54 51.9 42.9 64.3



#24

Nitrobenzene

Concen: 41.442 ng

RT: 8.984 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

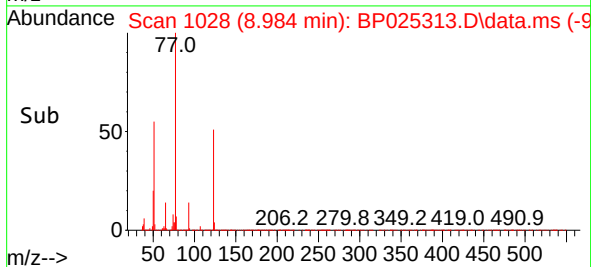
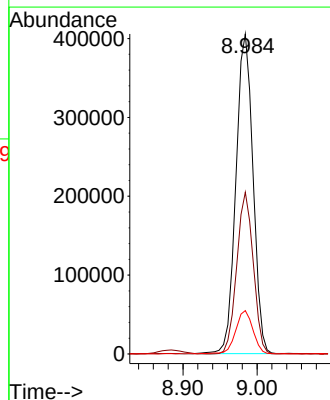
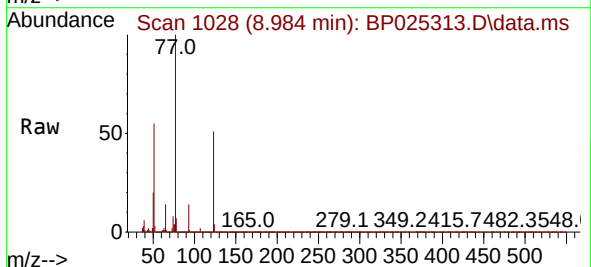
Tgt Ion: 77 Resp: 648775

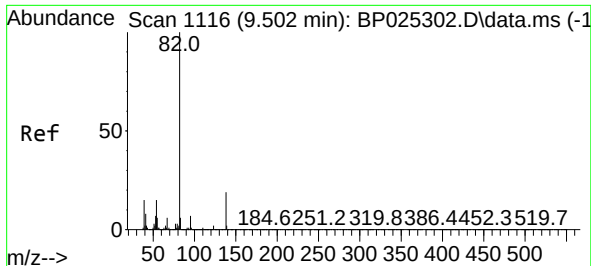
Ion Ratio Lower Upper

77 100

123 50.5 37.4 56.2

65 13.6 11.1 16.7

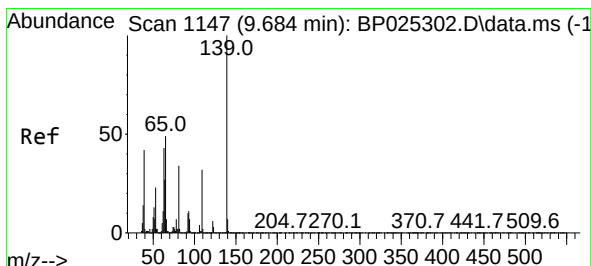
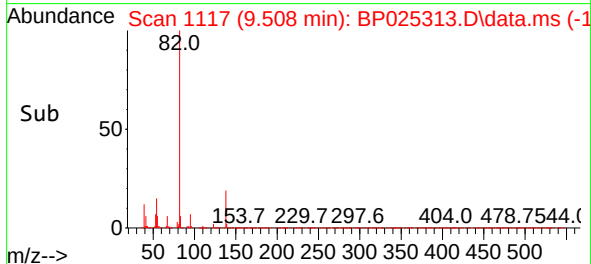
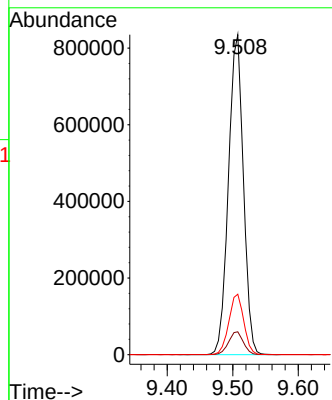
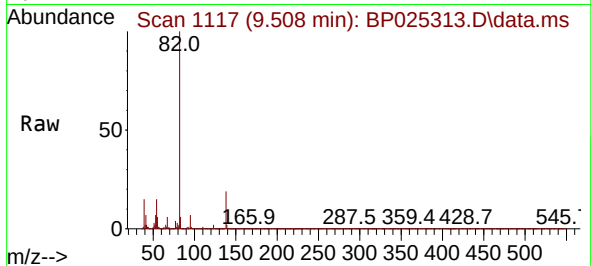




#25
Isophorone
Concen: 40.073 ng
RT: 9.508 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

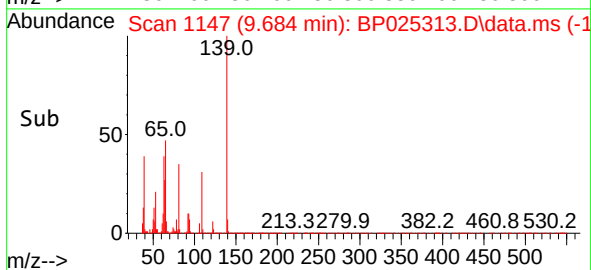
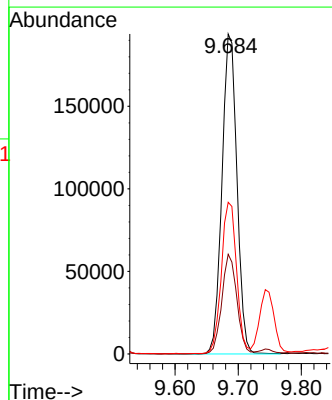
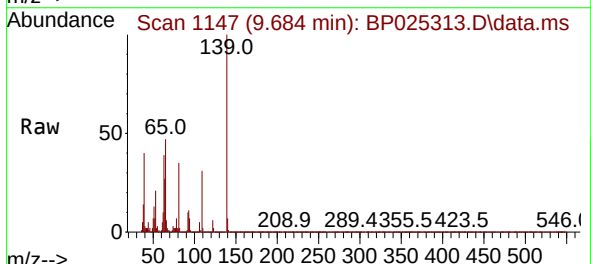
Instrument :
BNA_P
ClientSampleId :
TP-2MS

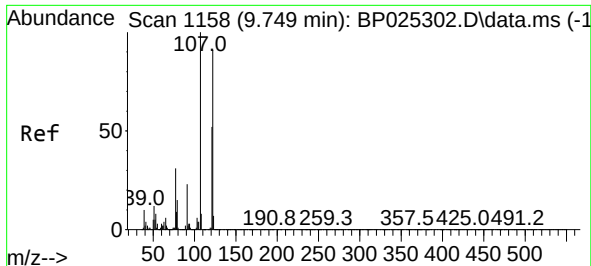
Tgt Ion: 82 Resp: 1319191
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.9 15.0 22.6



#26
2-Nitrophenol
Concen: 46.886 ng
RT: 9.684 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 139 Resp: 319115
Ion Ratio Lower Upper
139 100
109 31.2 25.2 37.8
65 47.4 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 42.277 ng

RT: 9.749 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

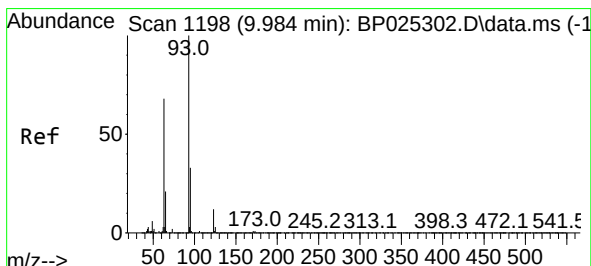
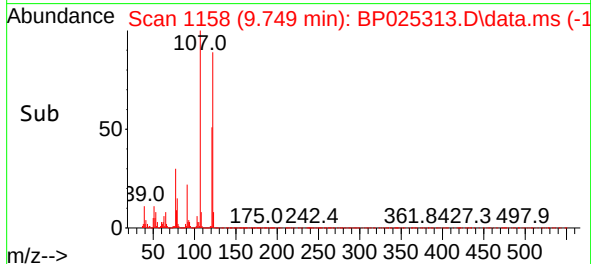
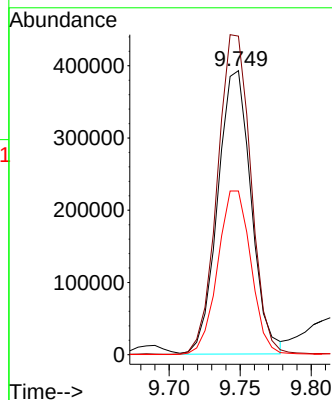
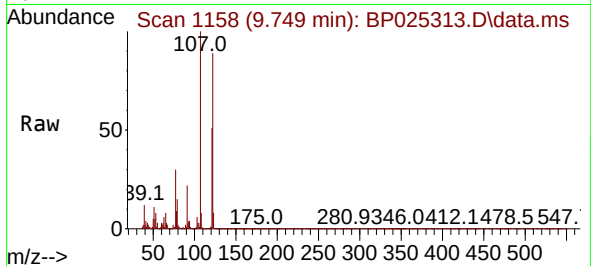
Tgt Ion:122 Resp: 641648

Ion Ratio Lower Upper

122 100

107 112.1 87.4 131.0

121 57.6 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.410 ng

RT: 9.984 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

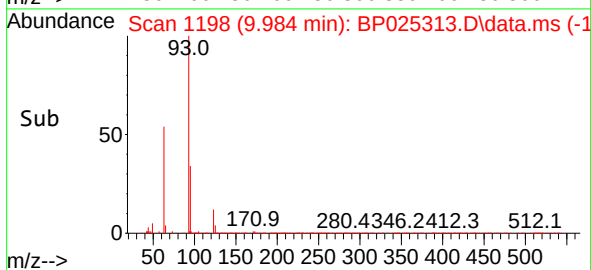
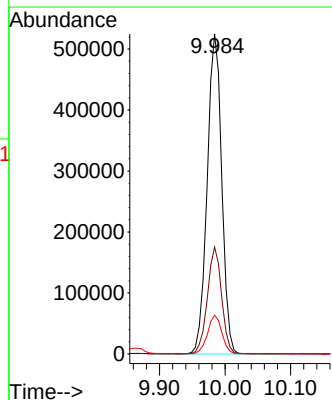
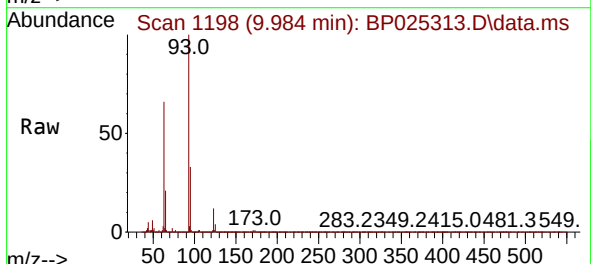
Tgt Ion: 93 Resp: 809246

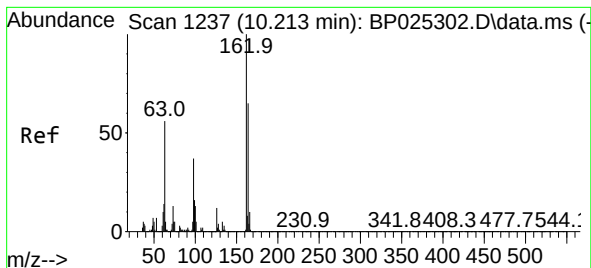
Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

123 12.1 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 47.145 ng

RT: 10.219 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

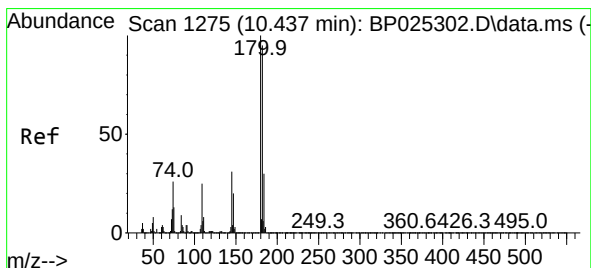
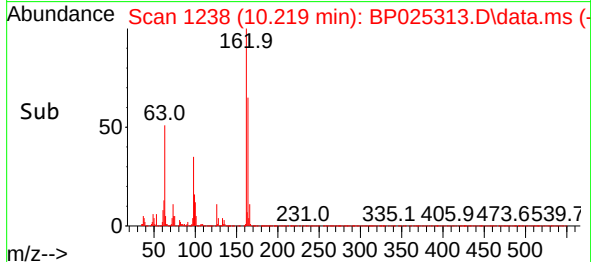
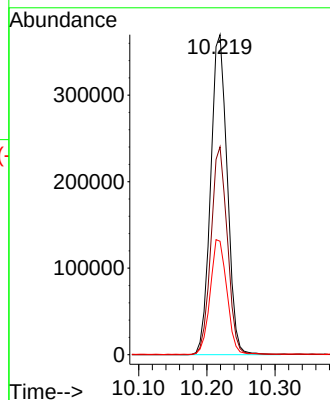
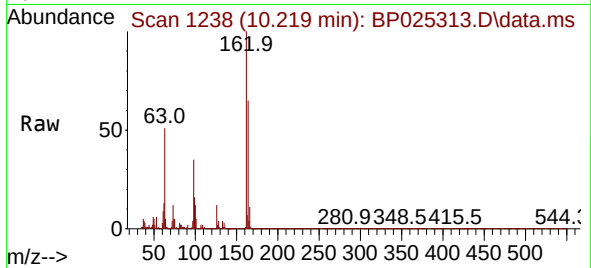
Tgt Ion:162 Resp: 626440

Ion Ratio Lower Upper

162 100

164 65.0 45.2 85.2

98 35.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 40.179 ng

RT: 10.437 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

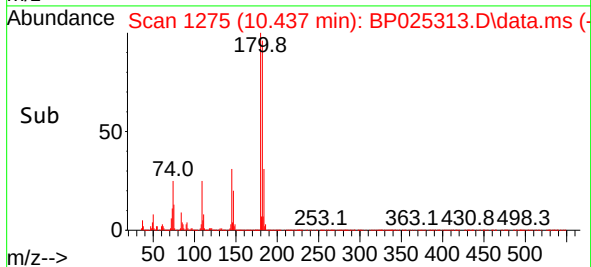
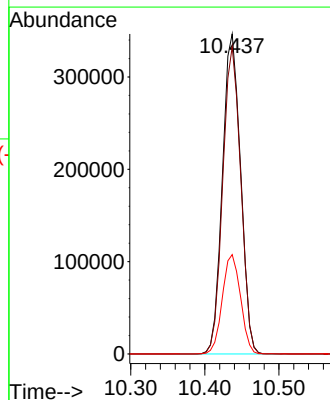
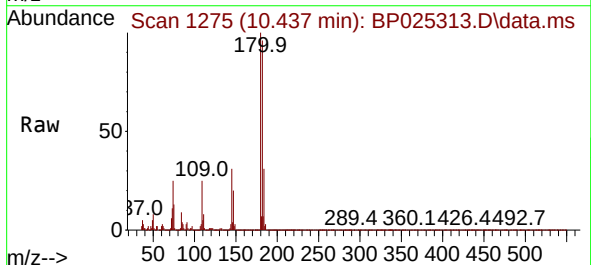
Tgt Ion:180 Resp: 588995

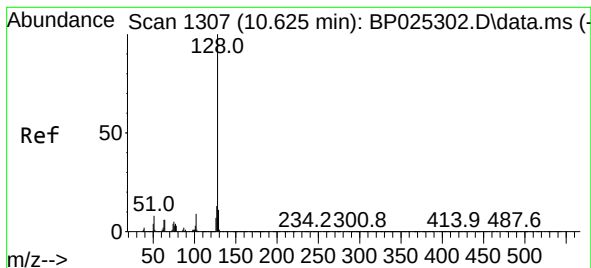
Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.8

145 31.0 25.0 37.4





#31

Naphthalene

Concen: 39.947 ng

RT: 10.625 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

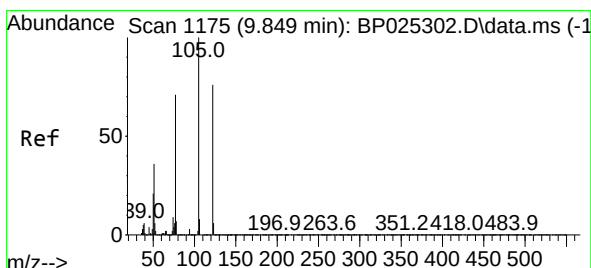
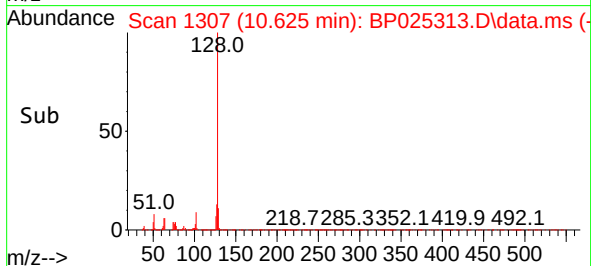
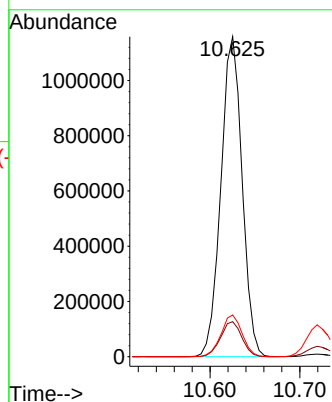
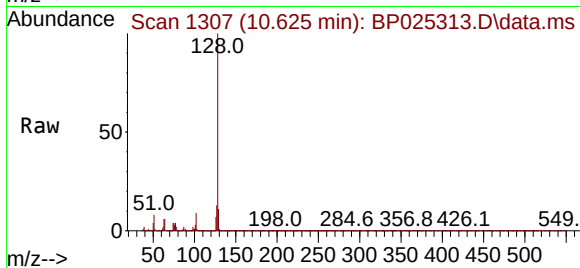
Tgt Ion:128 Resp: 1900022

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.1 10.4 15.6



#32

Benzoic acid

Concen: 51.160 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.017 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

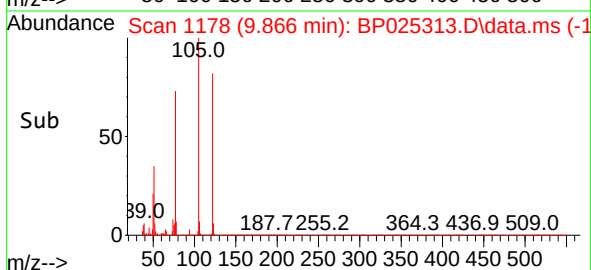
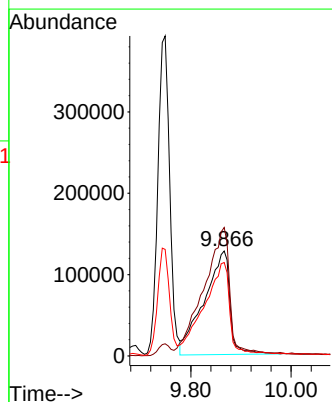
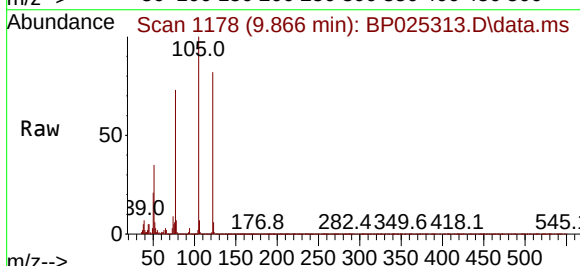
Tgt Ion:122 Resp: 454934

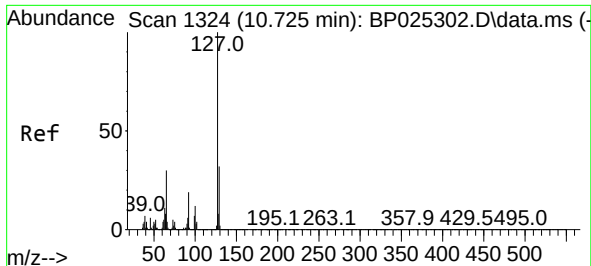
Ion Ratio Lower Upper

122 100

105 122.3 104.0 144.0

77 89.0 71.8 111.8

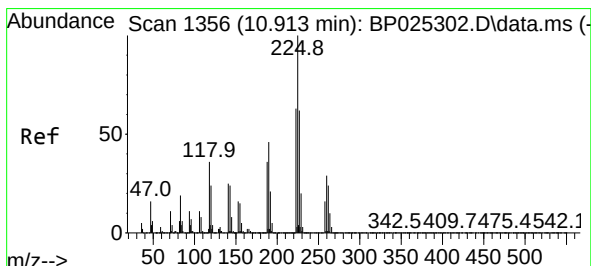
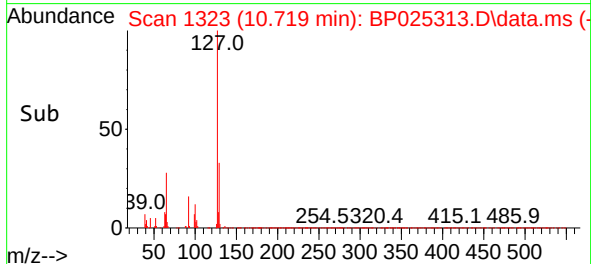
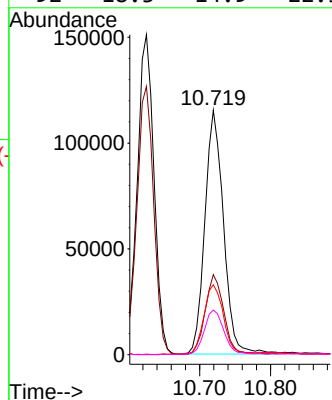
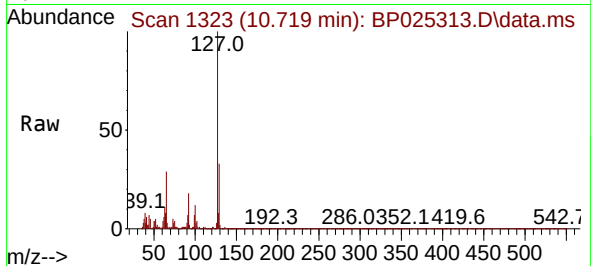




#33
4-Chloroaniline
Concen: 9.986 ng
RT: 10.719 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

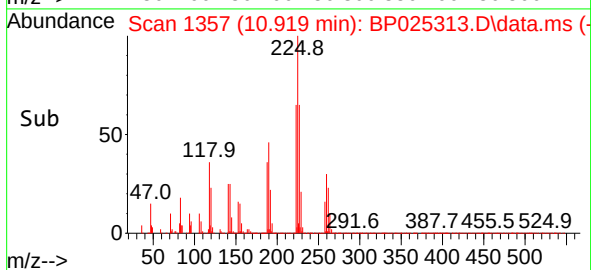
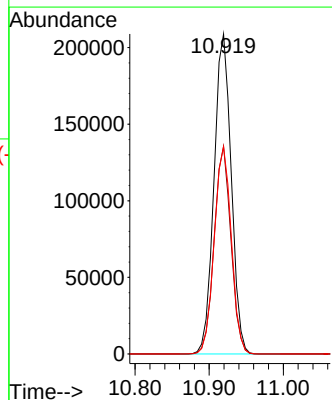
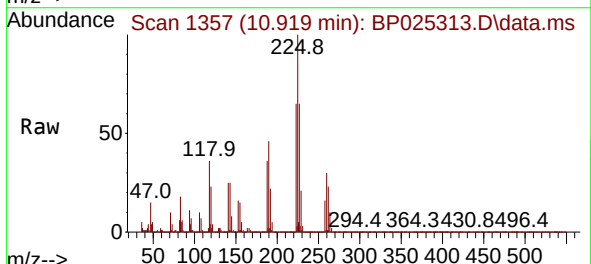
Instrument :
BNA_P
ClientSampleId :
TP-2MS

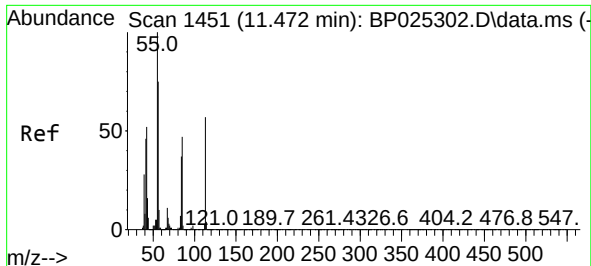
Tgt Ion:	127	Resp:	211234
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	28.6	23.6	35.4
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 39.981 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:	225	Resp:	336435
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.3	75.5
227	64.8	49.7	74.5

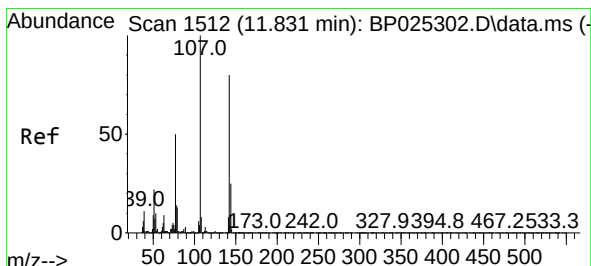
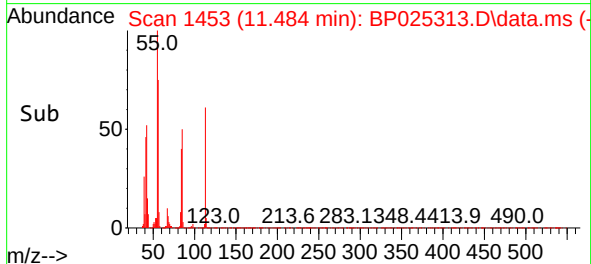
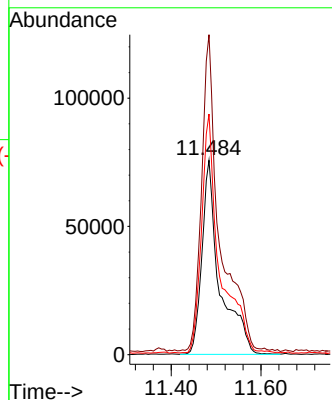
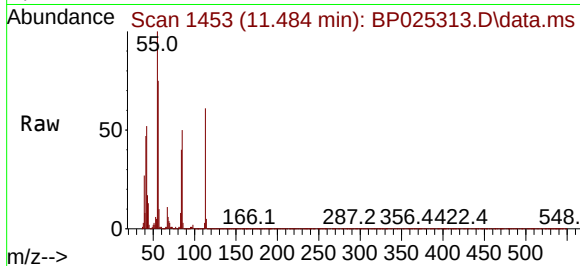




#35
Caprolactam
Concen: 40.664 ng
RT: 11.484 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

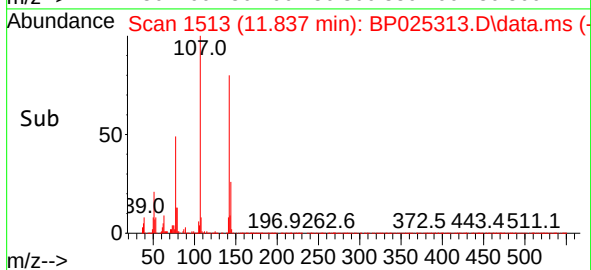
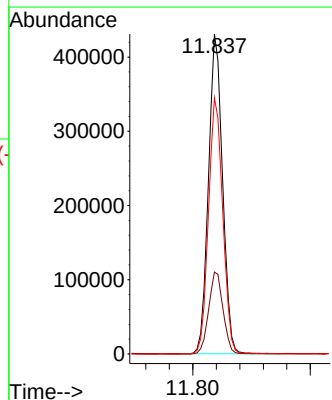
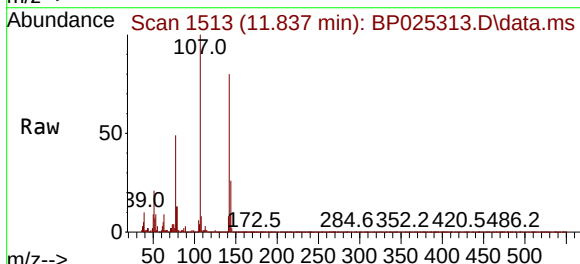
Instrument :
BNA_P
ClientSampleId :
TP-2MS

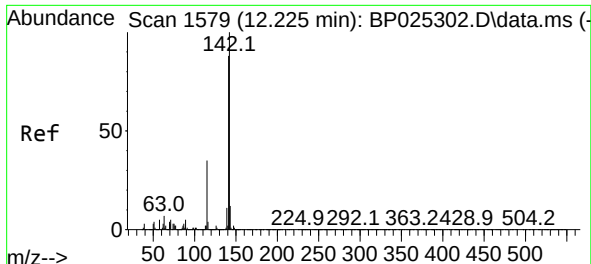
Tgt Ion:113 Resp: 209611
Ion Ratio Lower Upper
113 100
55 164.7 154.4 194.4
56 123.8 110.9 150.9



#36
4-Chloro-3-methylphenol
Concen: 46.757 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:107 Resp: 718893
Ion Ratio Lower Upper
107 100
144 25.6 20.4 30.6
142 80.0 63.7 95.5

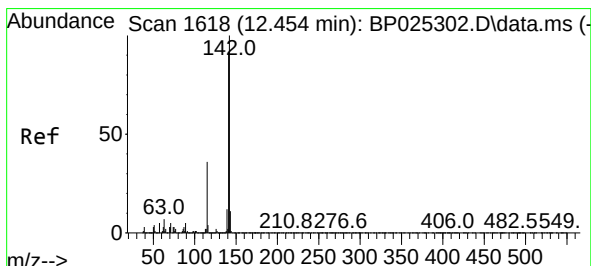
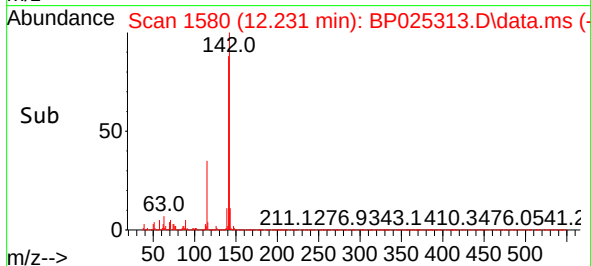
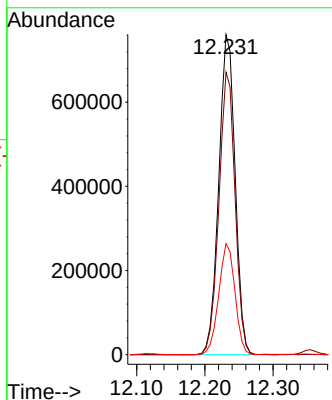
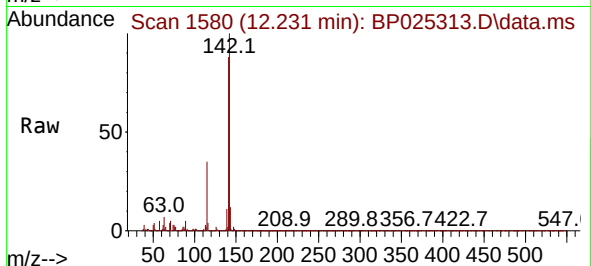




#37
2-Methylnaphthalene
Concen: 41.232 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

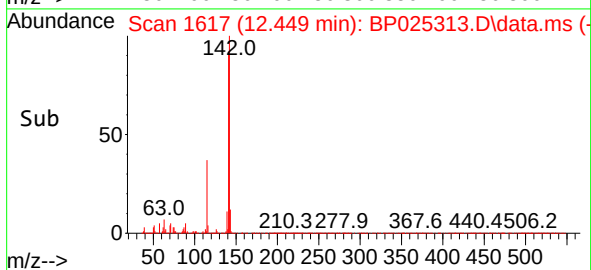
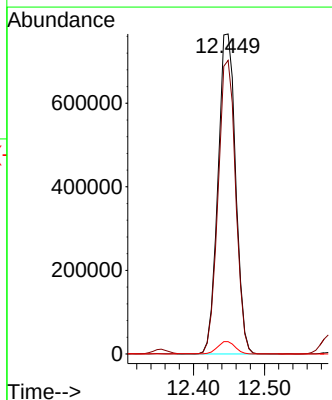
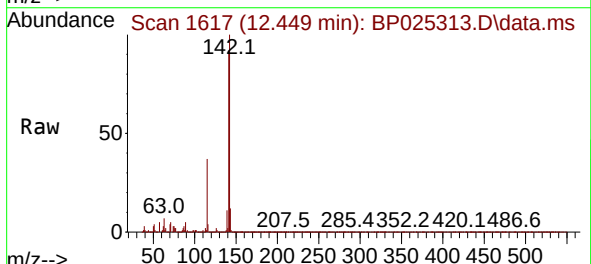
Instrument :
BNA_P
ClientSampleId :
TP-2MS

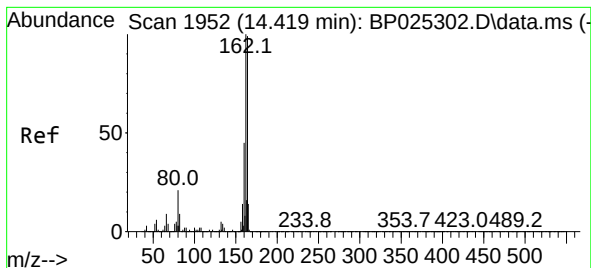
Tgt Ion:142 Resp: 1269364
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 34.7 28.0 42.0



#38
1-Methylnaphthalene
Concen: 41.069 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:142 Resp: 1319234
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6
116 3.9 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: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

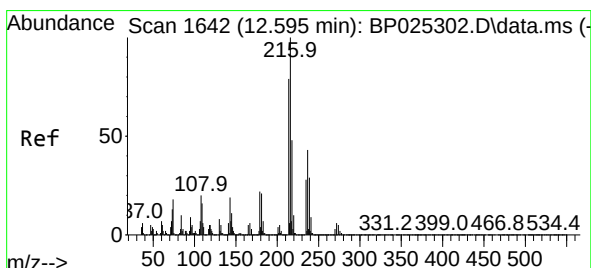
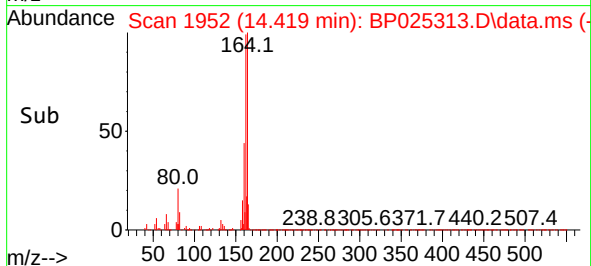
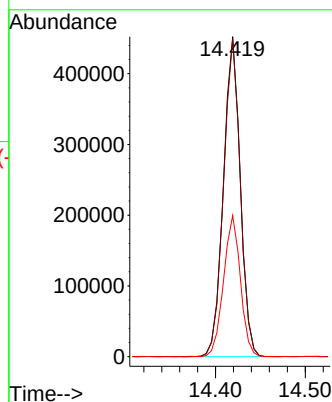
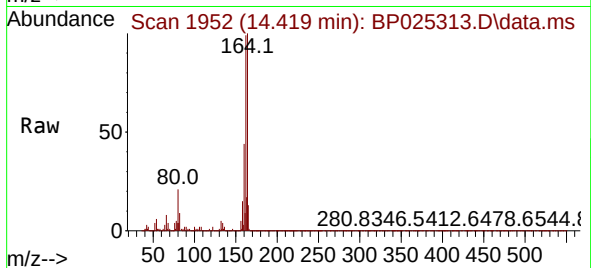
Tgt Ion:164 Resp: 588971

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

160 44.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.583 ng

RT: 12.602 min Scan# 1643

Delta R.T. 0.007 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Tgt Ion:216 Resp: 668645

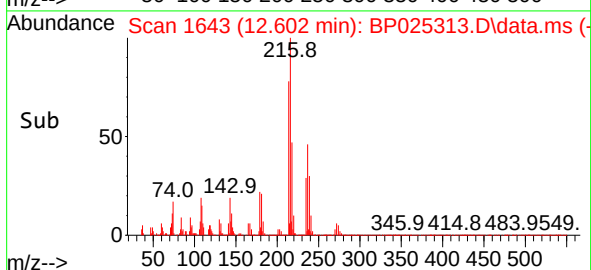
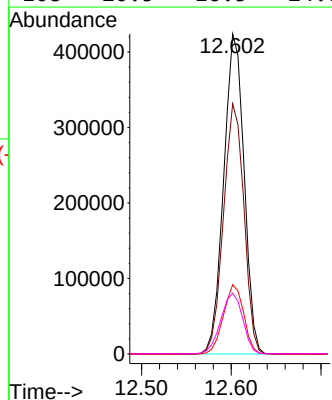
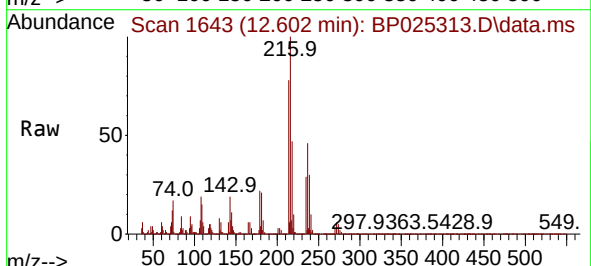
Ion Ratio Lower Upper

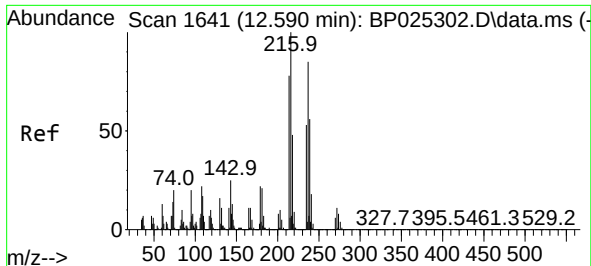
216 100

214 78.4 62.4 93.6

179 21.5 17.5 26.3

108 20.5 16.5 24.7

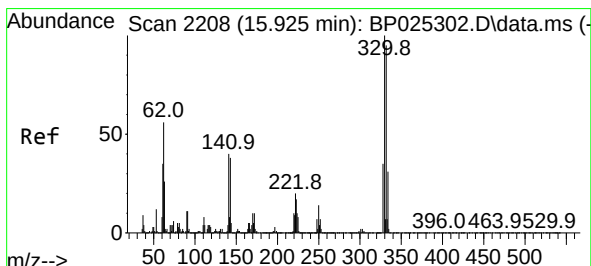
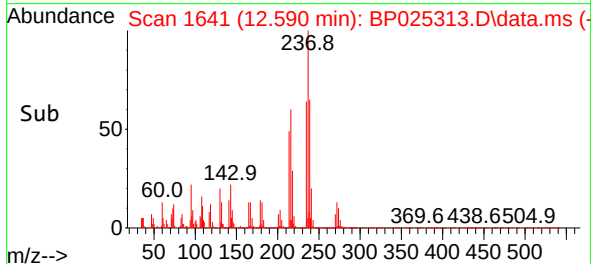
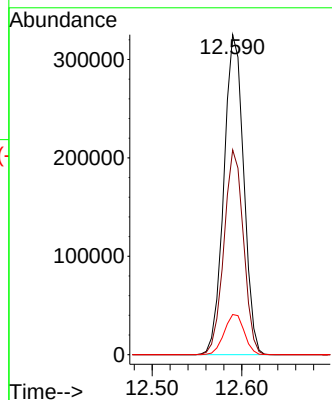
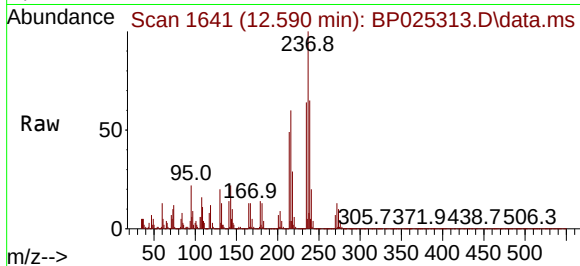




#41
Hexachlorocyclopentadiene
Concen: 50.310 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

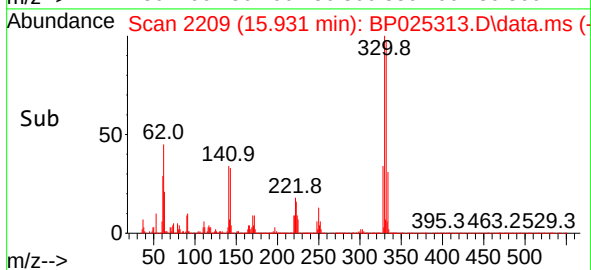
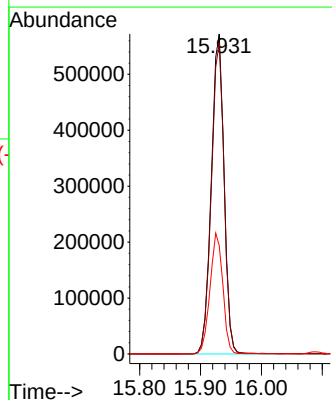
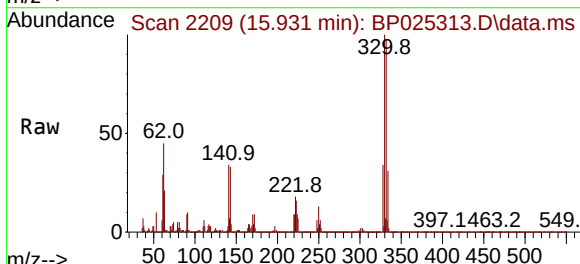
Instrument :
BNA_P
ClientSampleId :
TP-2MS

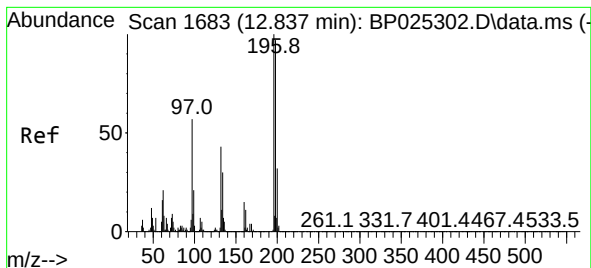
Tgt Ion:237 Resp: 499288
Ion Ratio Lower Upper
237 100
235 64.0 42.2 82.2
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 141.951 ng
RT: 15.931 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:330 Resp: 834058
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 37.8 31.7 47.5





#43

2,4,6-Trichlorophenol

Concen: 49.029 ng

RT: 12.831 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

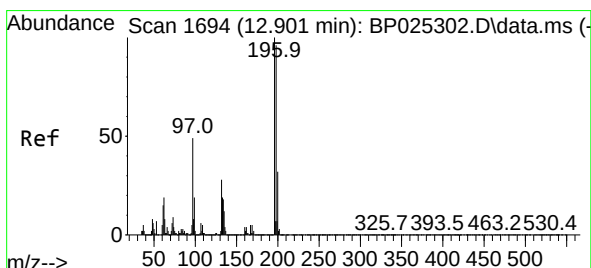
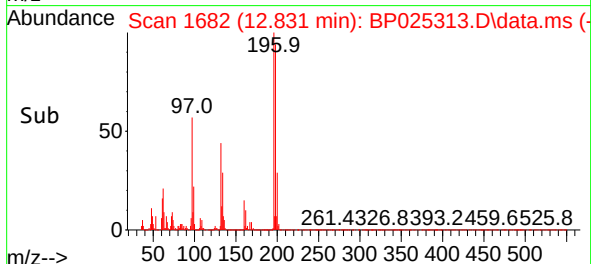
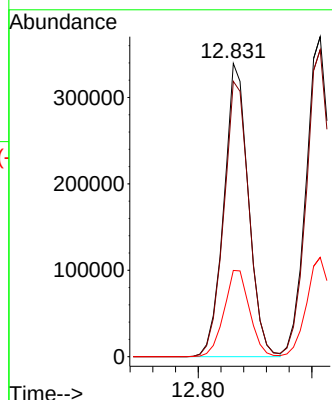
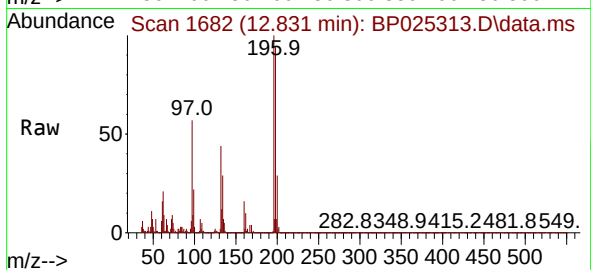
Tgt Ion:196 Resp: 509284

Ion Ratio Lower Upper

196 100

198 93.9 77.3 115.9

200 29.4 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 49.882 ng

RT: 12.907 min Scan# 1695

Delta R.T. 0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Tgt Ion:196 Resp: 581255

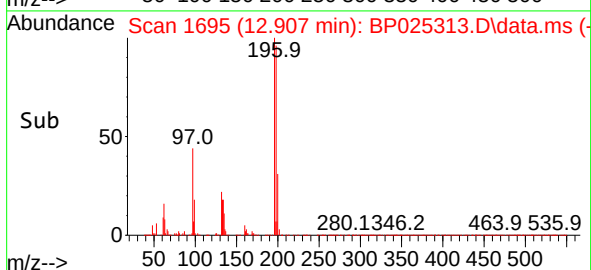
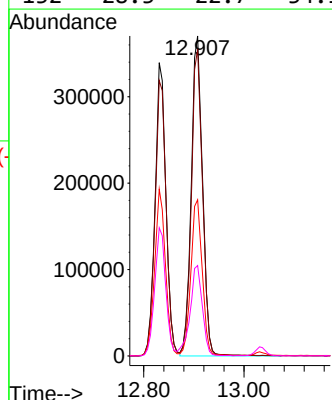
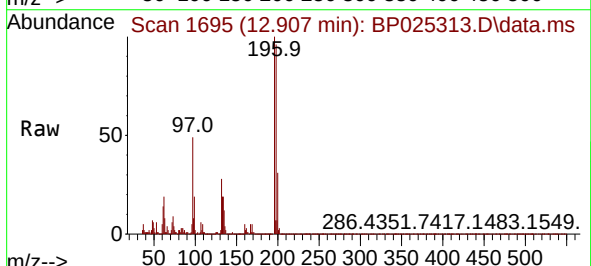
Ion Ratio Lower Upper

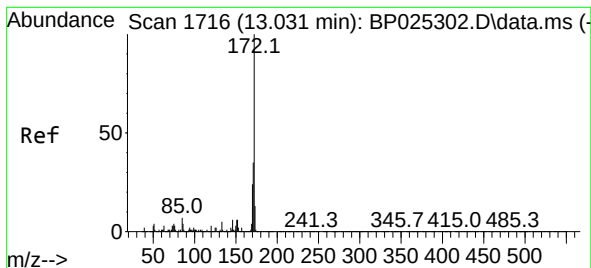
196 100

198 96.0 76.6 114.8

97 48.8 39.5 59.3

132 28.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 71.054 ng

RT: 13.031 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

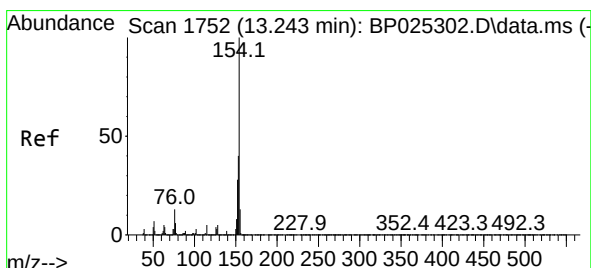
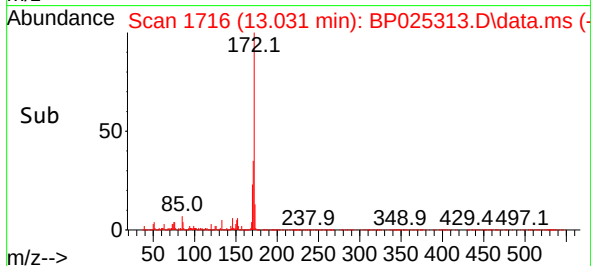
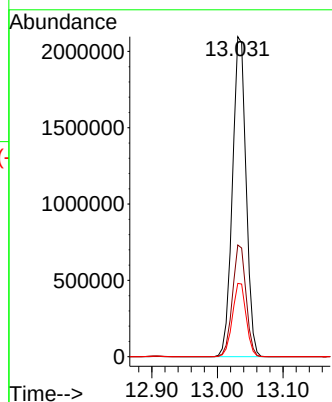
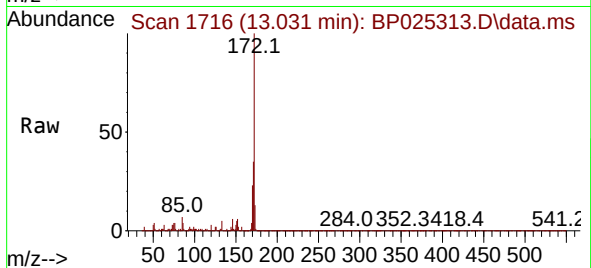
Tgt Ion:172 Resp: 3029872

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 22.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.140 ng

RT: 13.249 min Scan# 1753

Delta R.T. 0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

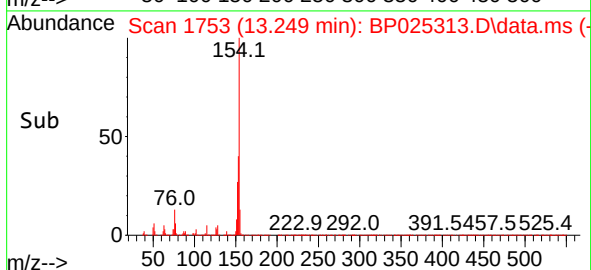
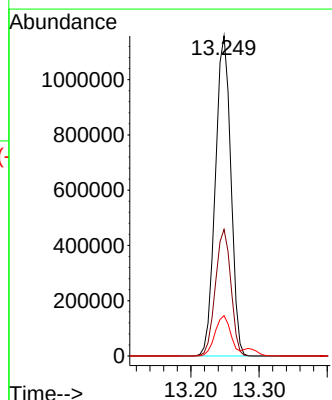
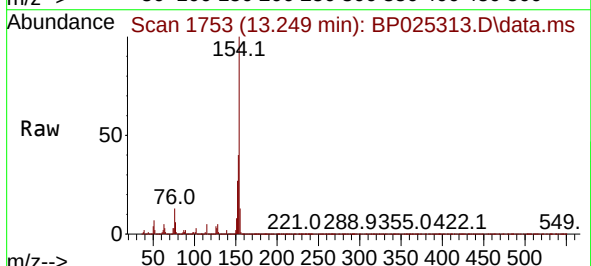
Tgt Ion:154 Resp: 1829065

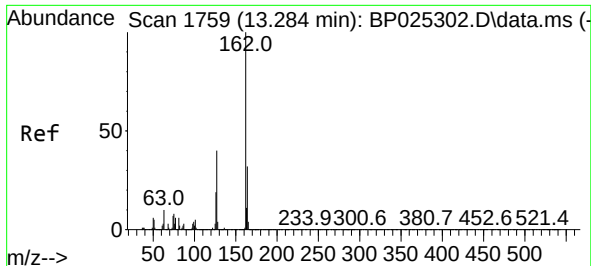
Ion Ratio Lower Upper

154 100

153 39.5 19.9 59.9

76 12.6 0.0 33.2

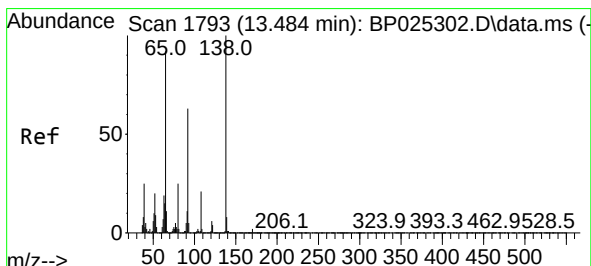
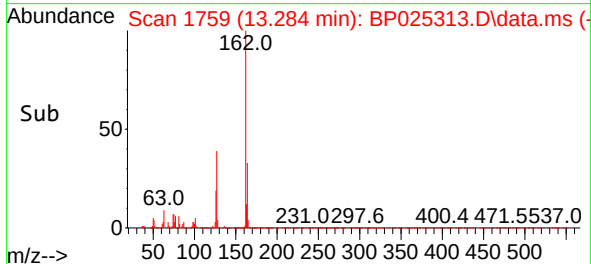
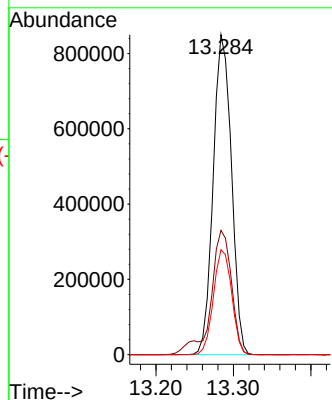
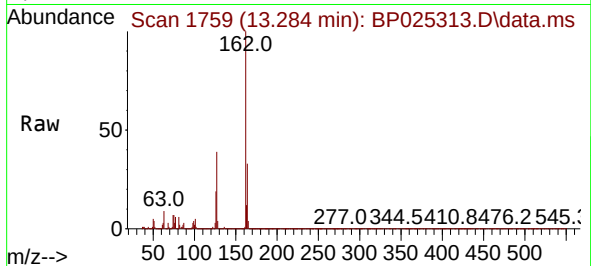




#47
2-Chloronaphthalene
Concen: 41.928 ng
RT: 13.284 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

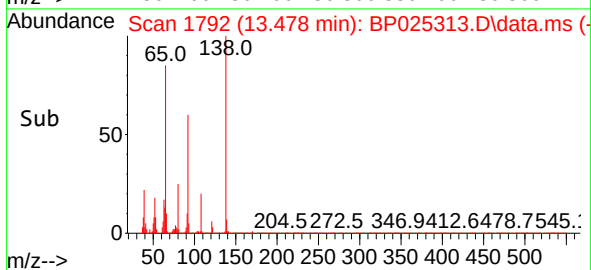
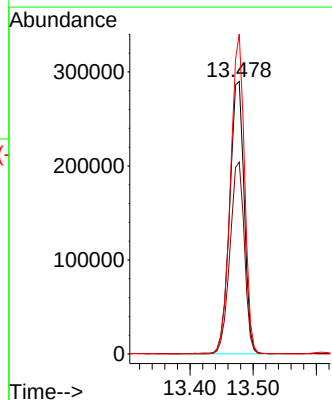
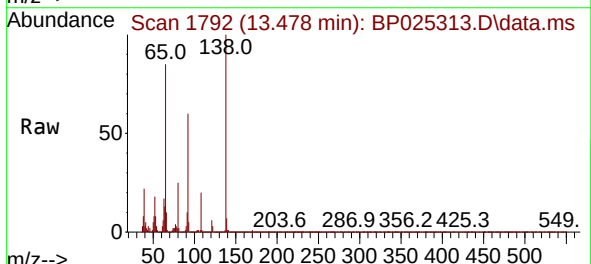
Instrument :
BNA_P
ClientSampleId :
TP-2MS

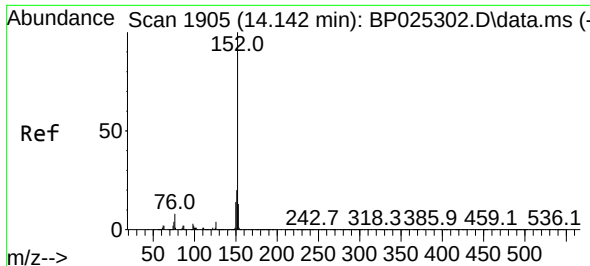
Tgt Ion:162 Resp: 1388405
Ion Ratio Lower Upper
162 100
127 38.9 32.2 48.2
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 47.626 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 65 Resp: 461747
Ion Ratio Lower Upper
65 100
92 70.5 54.4 81.6
138 117.5 87.0 130.4

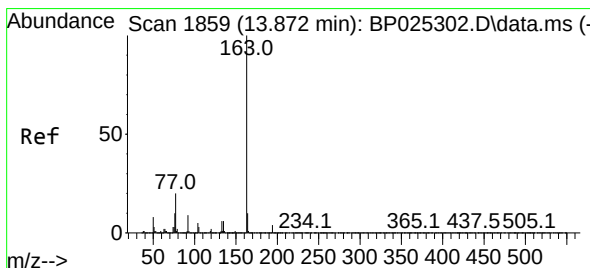
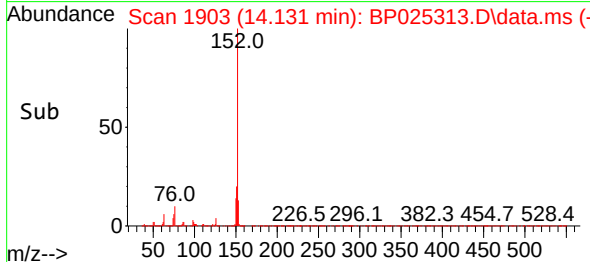
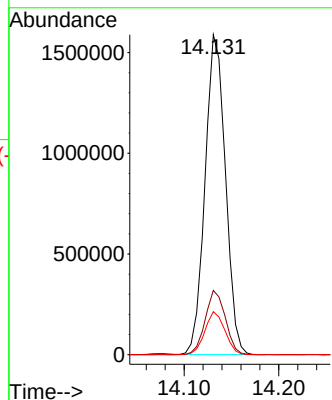
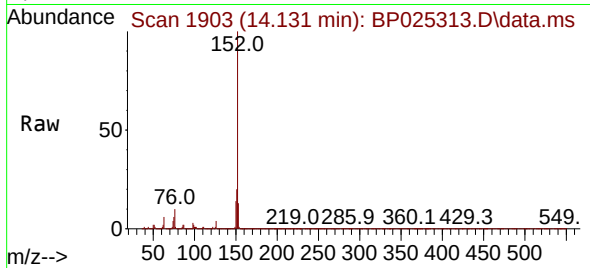




#49
Acenaphthylene
Concen: 43.028 ng
RT: 14.131 min Scan# 1903
Delta R.T. -0.011 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

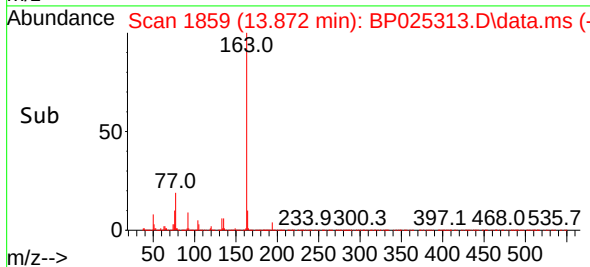
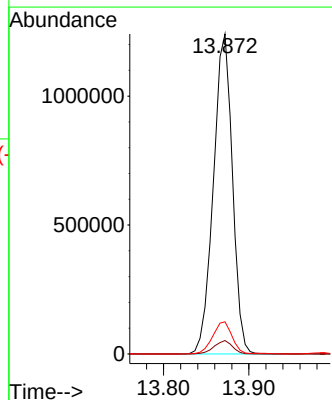
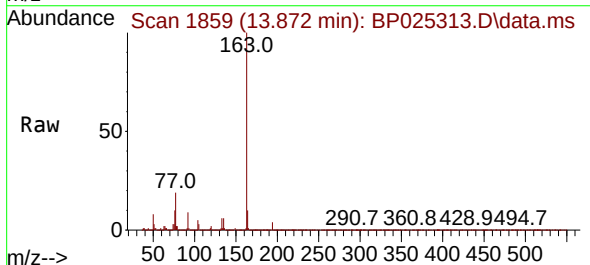
Instrument :
BNA_P
ClientSampleId :
TP-2MS

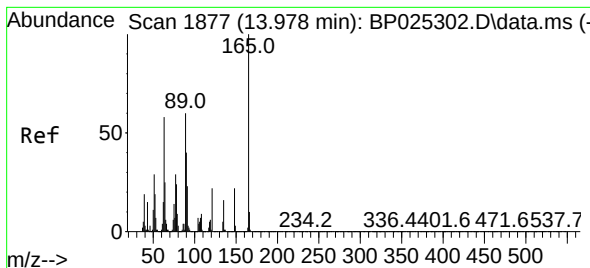
Tgt Ion:152 Resp: 2376665
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 44.782 ng
RT: 13.872 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:163 Resp: 1922717
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 51.182 ng

RT: 13.984 min Scan# 1877

Delta R.T. 0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

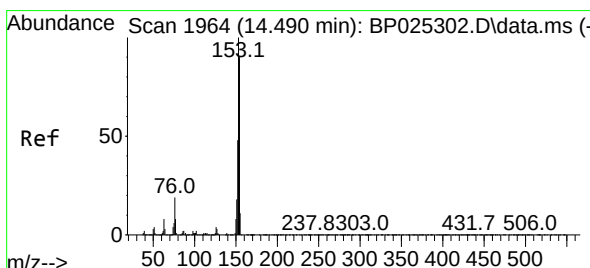
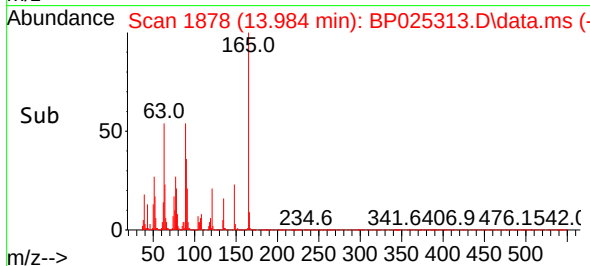
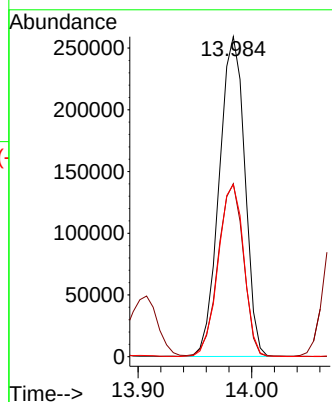
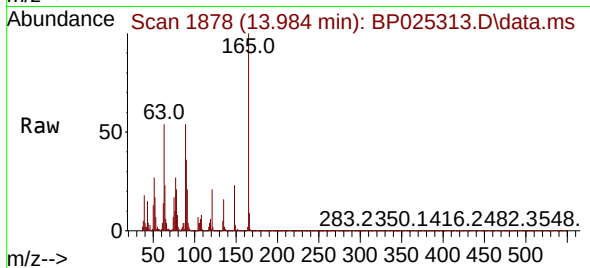
Tgt Ion:165 Resp: 405340

Ion Ratio Lower Upper

165 100

63 54.1 47.6 71.4

89 53.8 47.8 71.8



#52

Acenaphthene

Concen: 43.875 ng

RT: 14.478 min Scan# 1962

Delta R.T. -0.012 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

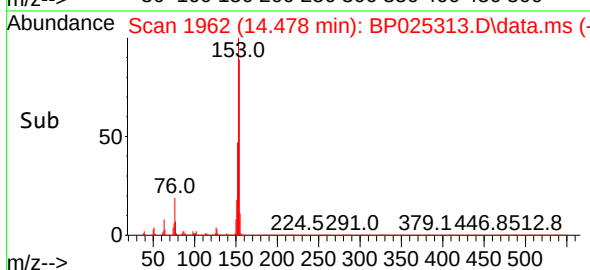
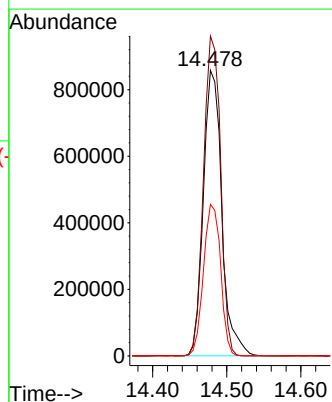
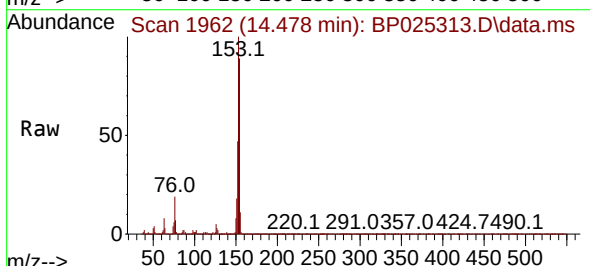
Tgt Ion:154 Resp: 1478244

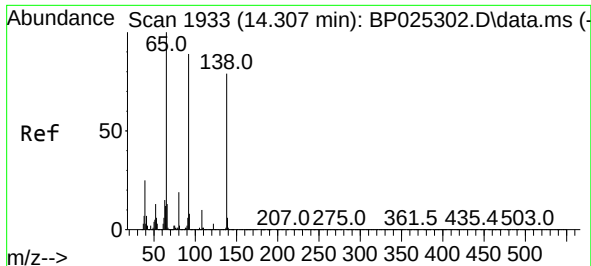
Ion Ratio Lower Upper

154 100

153 112.0 89.4 134.0

152 53.1 43.0 64.6

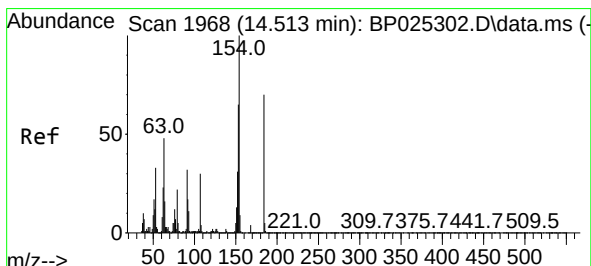
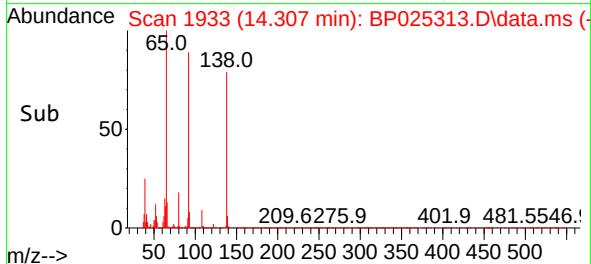
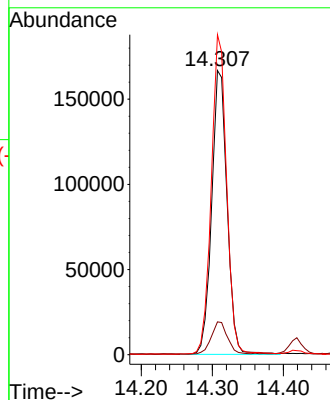
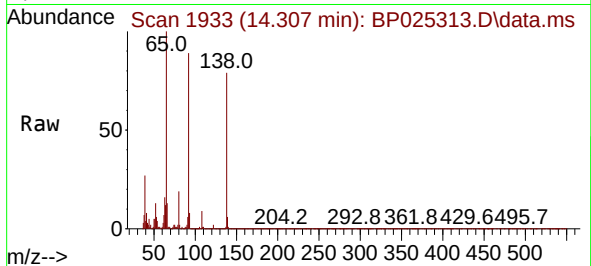




#53
3-Nitroaniline
Concen: 27.172 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

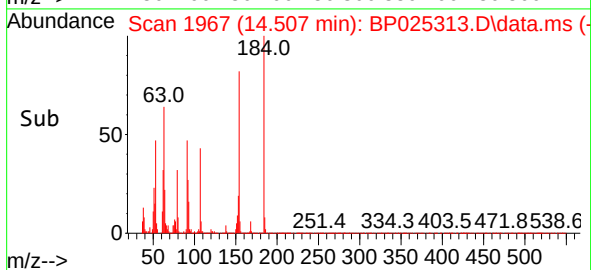
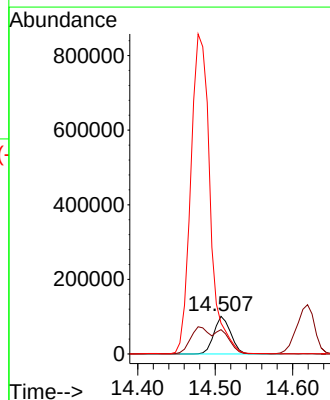
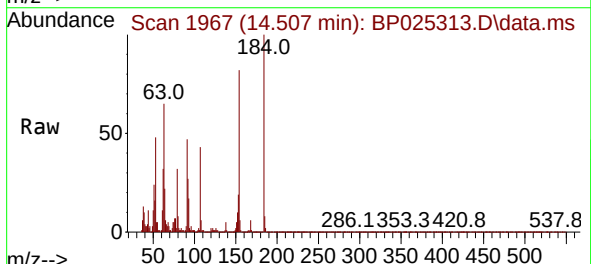
Instrument :
BNA_P
ClientSampleId :
TP-2MS

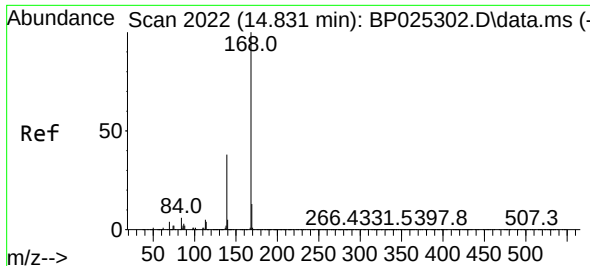
Tgt Ion:138 Resp: 251805
Ion Ratio Lower Upper
138 100
108 11.6 10.5 15.7
92 112.6 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 46.627 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:184 Resp: 151365
Ion Ratio Lower Upper
184 100
63 64.6 56.3 84.5
154 82.0 124.5 186.7#

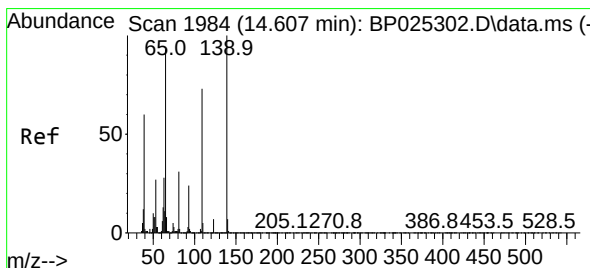
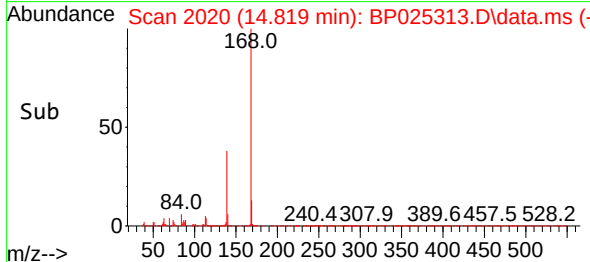
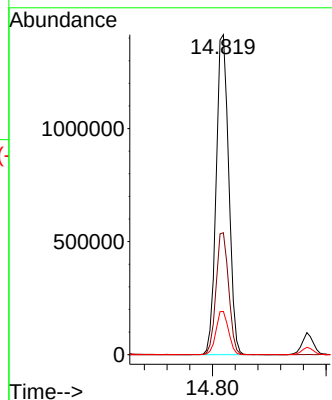
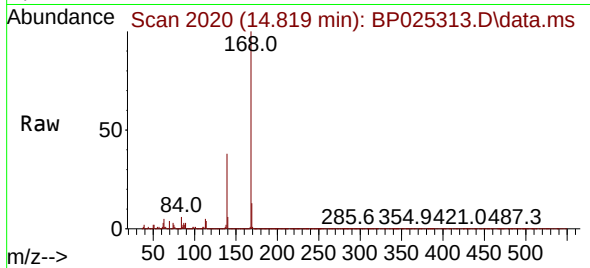




#55
Dibenzofuran
Concen: 43.011 ng
RT: 14.819 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

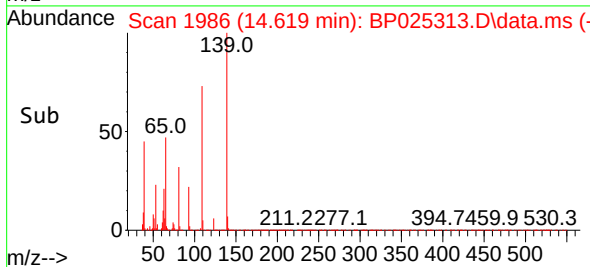
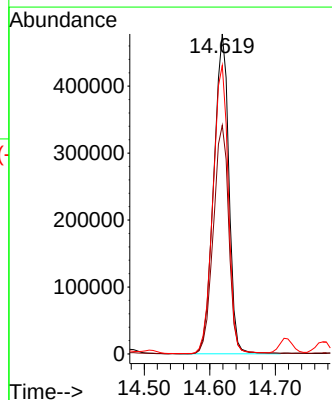
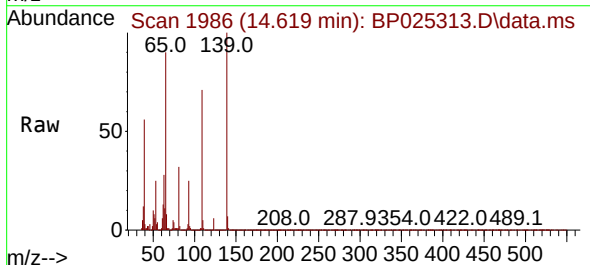
Instrument :
BNA_P
ClientSampleId :
TP-2MS

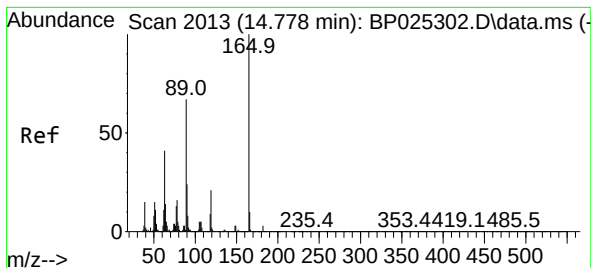
Tgt Ion:168 Resp: 2165553
Ion Ratio Lower Upper
168 100
139 38.1 30.5 45.7
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 93.714 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:139 Resp: 766453
Ion Ratio Lower Upper
139 100
109 71.4 52.7 92.7
65 90.1 73.4 113.4

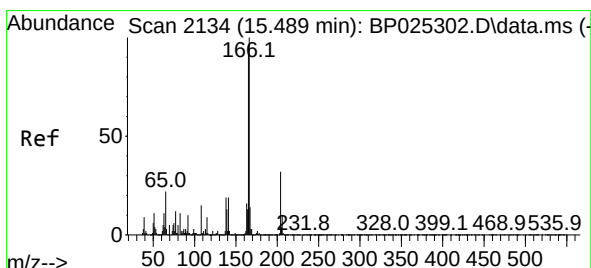
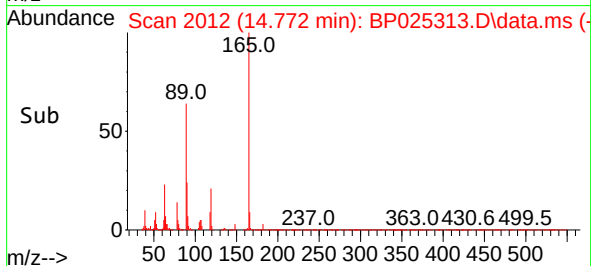
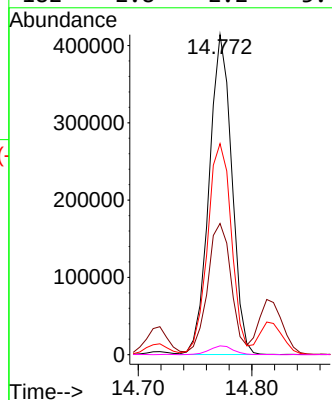
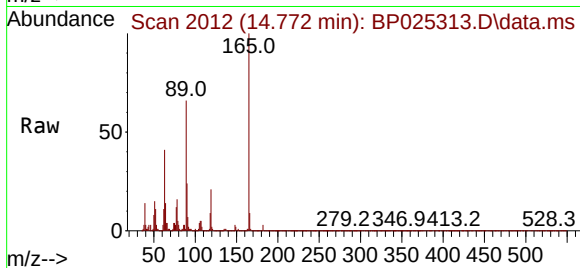




#57
2,4-Dinitrotoluene
Concen: 46.803 ng
RT: 14.772 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

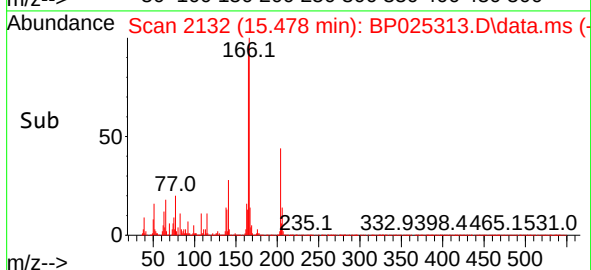
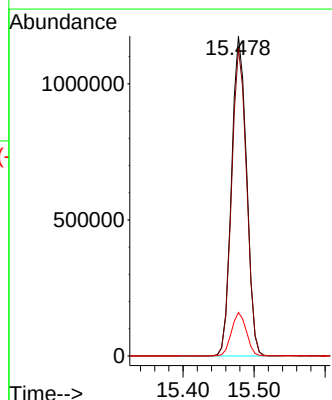
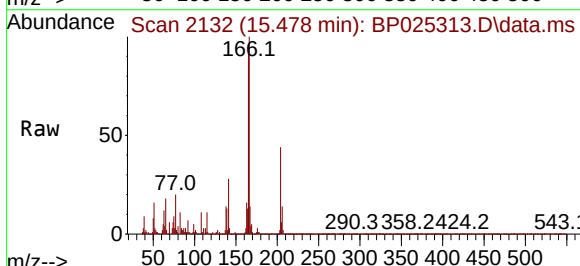
Instrument :
BNA_P
ClientSampleId :
TP-2MS

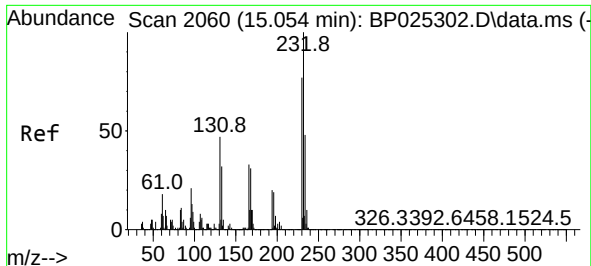
Tgt Ion:	165	Resp:	573519
Ion	Ratio	Lower	Upper
165	100		
63	41.0	33.2	49.8
89	65.9	53.5	80.3
182	2.8	2.2	3.4



#58
Fluorene
Concen: 43.631 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:	166	Resp:	1725371
Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.7	115.1
167	13.6	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.758 ng

RT: 15.048 min Scan# 2059

Delta R.T. -0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

Tgt Ion:232 Resp: 494062

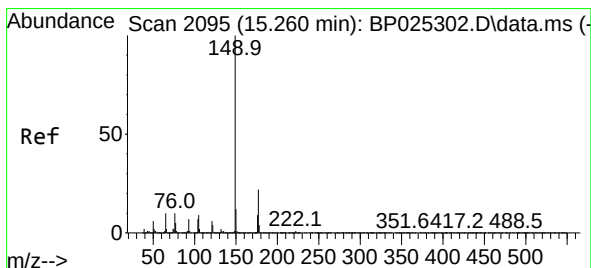
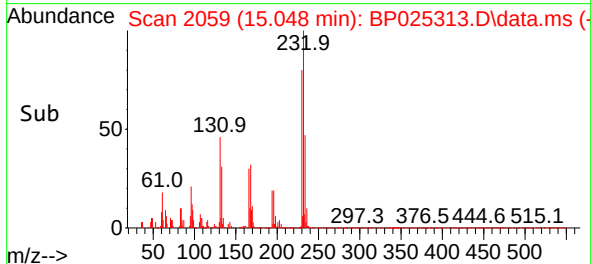
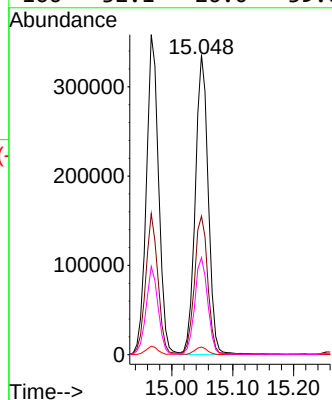
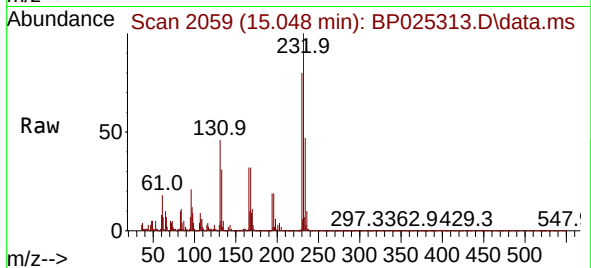
Ion Ratio Lower Upper

232 100

131 47.2 39.3 58.9

130 2.6 2.2 3.2

166 32.1 26.0 39.0



#60

Diethylphthalate

Concen: 45.968 ng

RT: 15.260 min Scan# 2095

Delta R.T. 0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

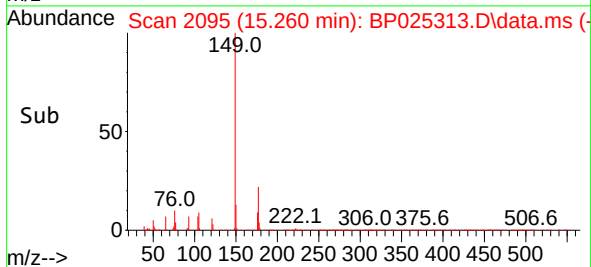
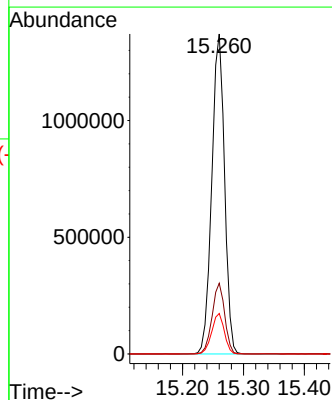
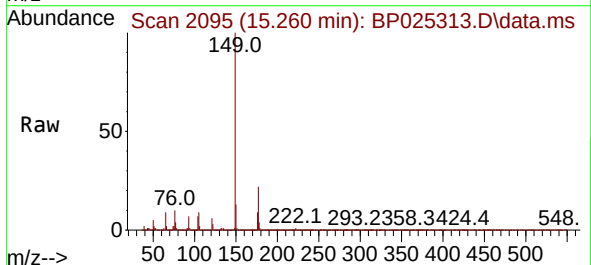
Tgt Ion:149 Resp: 1989777

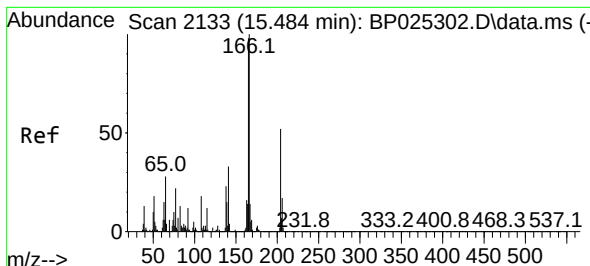
Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

150 12.6 9.8 14.8

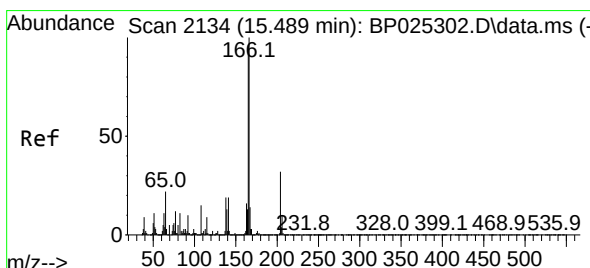
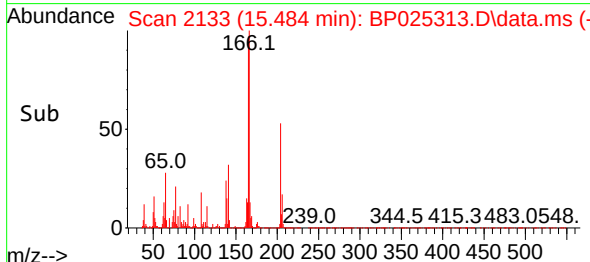
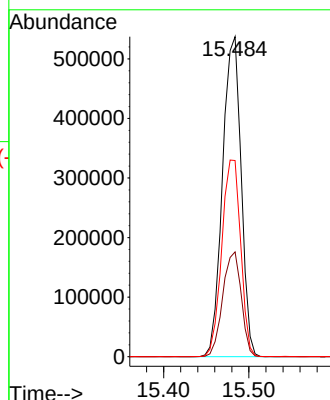
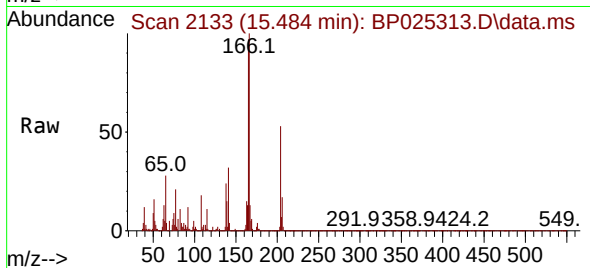




#61
4-Chlorophenyl-phenylether
Concen: 43.423 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

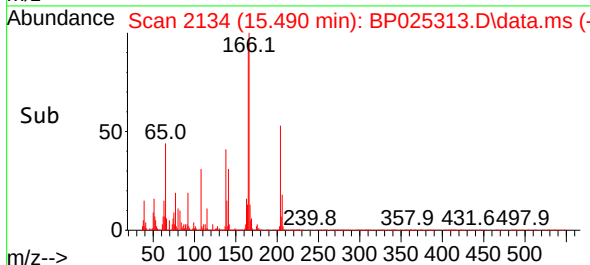
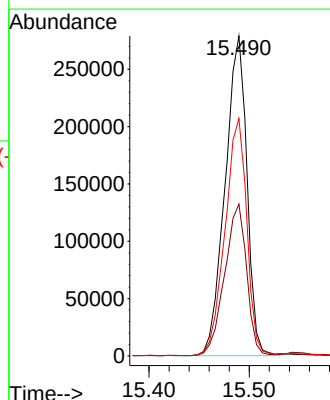
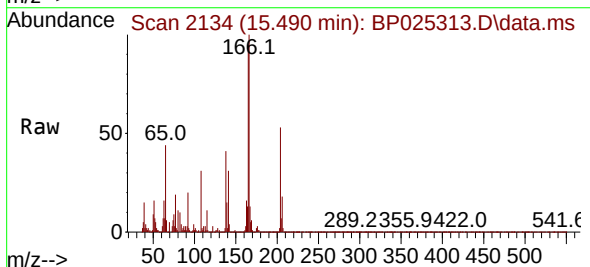
Instrument :
BNA_P
ClientSampleId :
TP-2MS

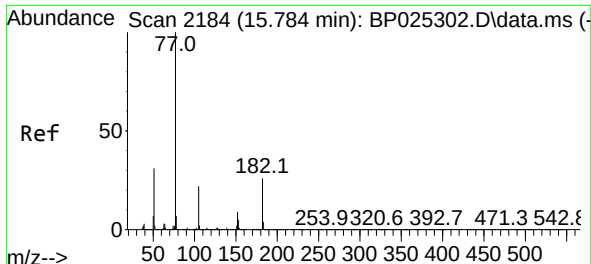
Tgt Ion:204 Resp: 814050
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 61.3 50.3 75.5



#62
4-Nitroaniline
Concen: 45.890 ng
RT: 15.490 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:138 Resp: 421374
Ion Ratio Lower Upper
138 100
92 47.4 29.8 69.8
108 74.2 56.6 96.6



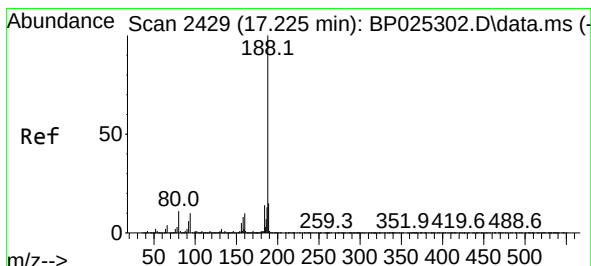
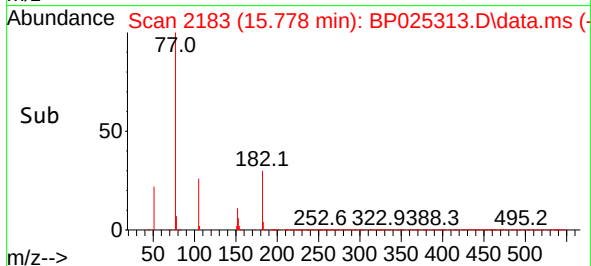
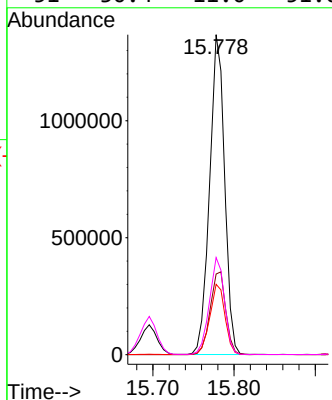
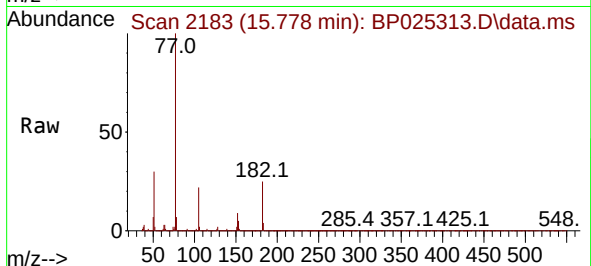


#63
Azobenzene
Concen: 43.594 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tgt Ion: 77 Resp: 1753016

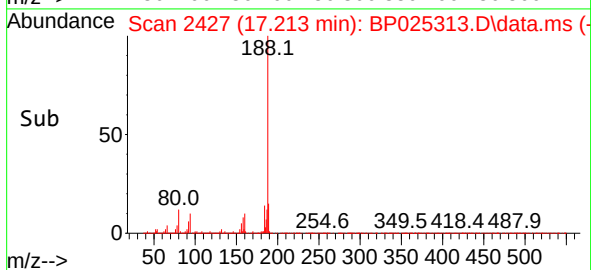
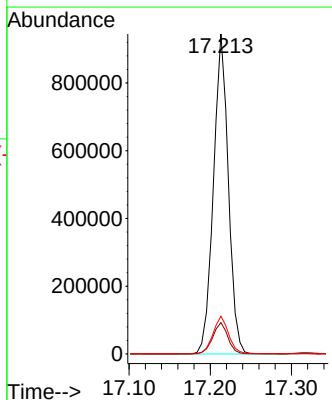
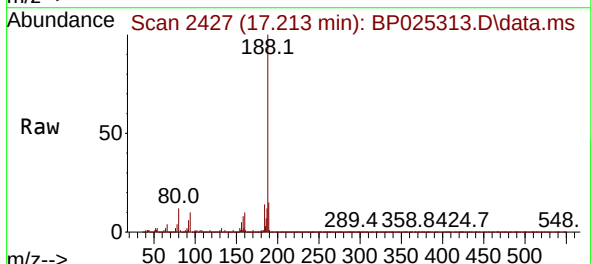
Ion	Ratio	Lower	Upper
77	100		
182	25.2	6.0	46.0
105	22.0	2.1	42.1
51	30.4	11.0	51.0

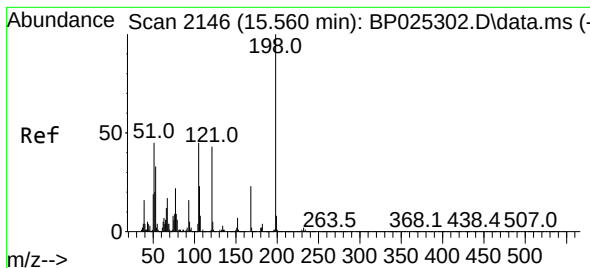


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion: 188 Resp: 1201001

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	11.8	8.5	12.7

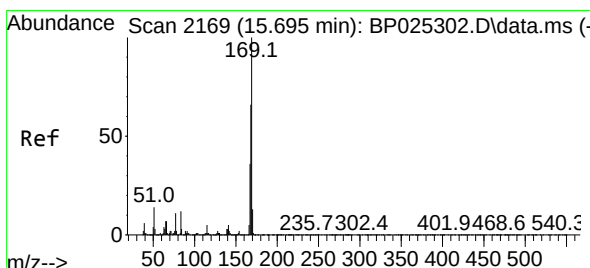
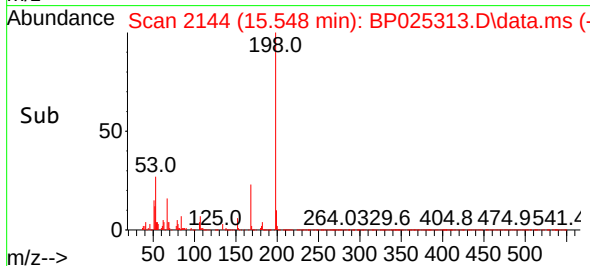
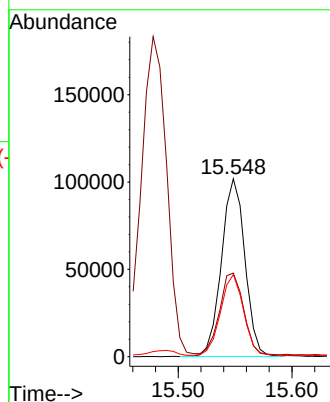
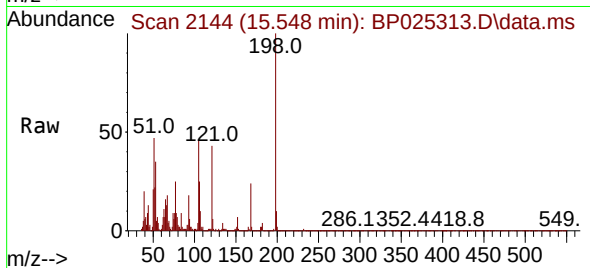




#65
4,6-Dinitro-2-methylphenol
Concen: 32.045 ng
RT: 15.548 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

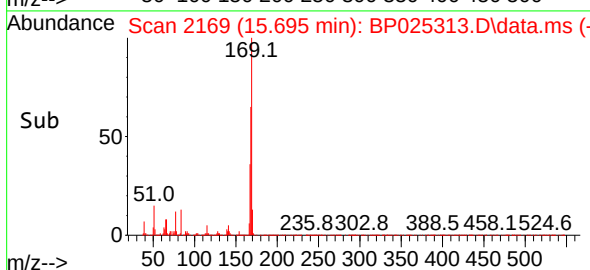
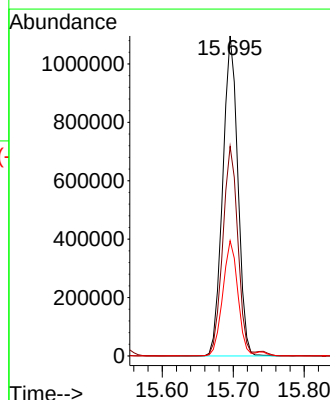
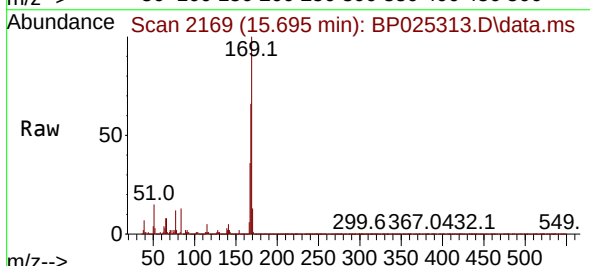
Instrument :
BNA_P
ClientSampleId :
TP-2MS

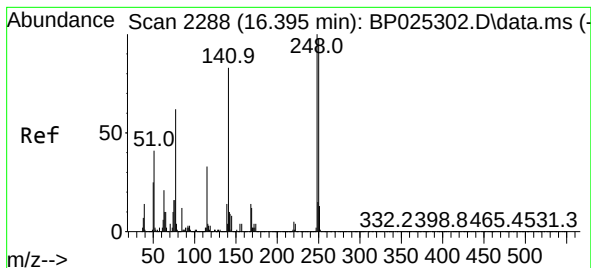
Tgt Ion:198 Resp: 146153
Ion Ratio Lower Upper
198 100
51 47.1 26.7 66.7
105 46.2 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 44.097 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:169 Resp: 1612540
Ion Ratio Lower Upper
169 100
168 65.5 52.8 79.2
167 36.0 28.5 42.7

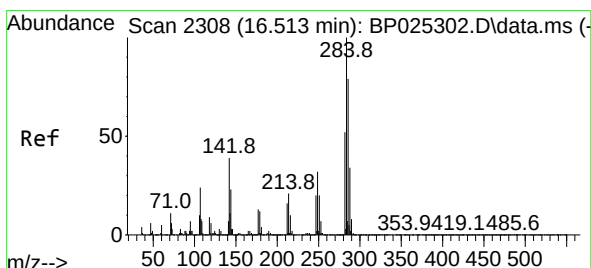
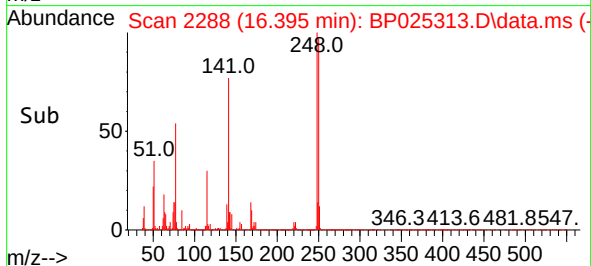
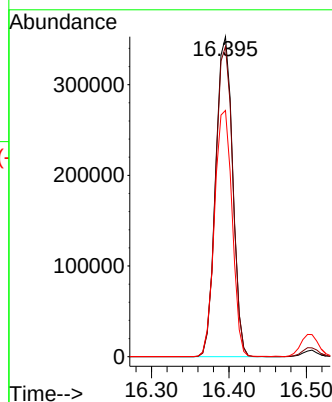
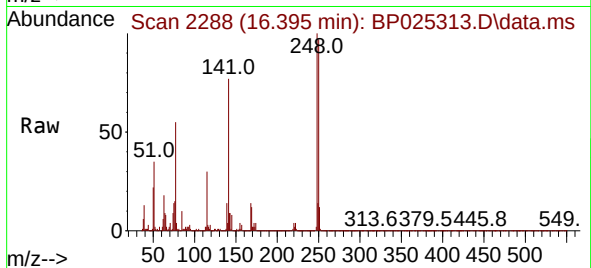




#67
4-Bromophenyl-phenylether
Concen: 44.587 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

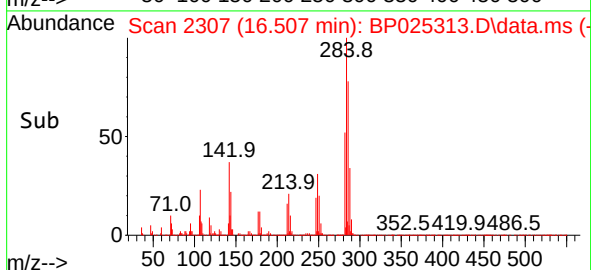
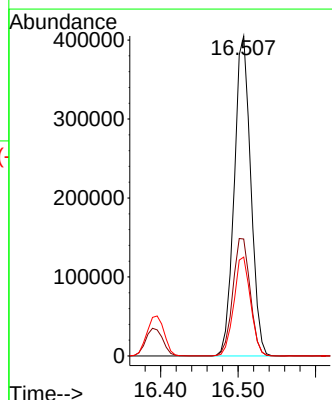
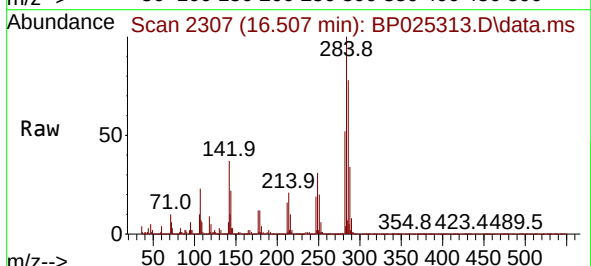
Instrument :
BNA_P
ClientSampleId :
TP-2MS

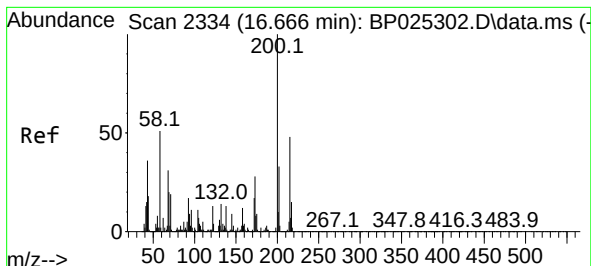
Tgt Ion:248 Resp: 538797
Ion Ratio Lower Upper
248 100
250 96.9 78.6 117.8
141 77.0 66.6 99.8



#68
Hexachlorobenzene
Concen: 44.319 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:284 Resp: 600933
Ion Ratio Lower Upper
284 100
142 36.6 30.8 46.2
249 30.9 25.4 38.0





#69

Atrazine

Concen: 45.327 ng

RT: 16.678 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

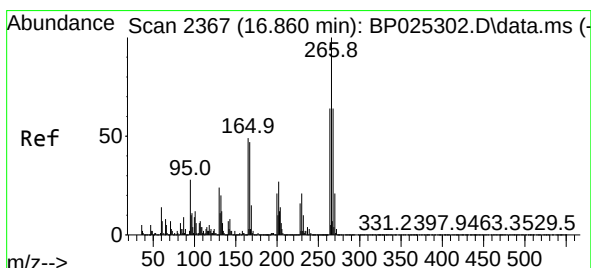
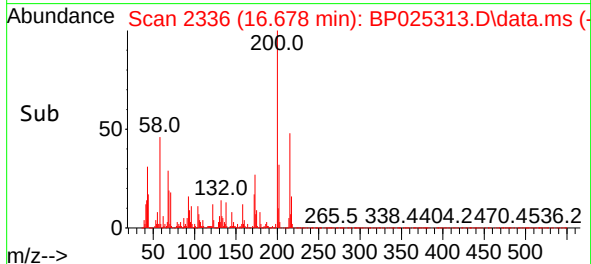
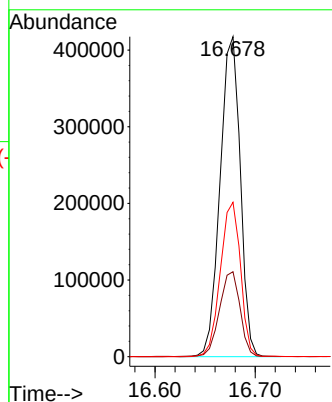
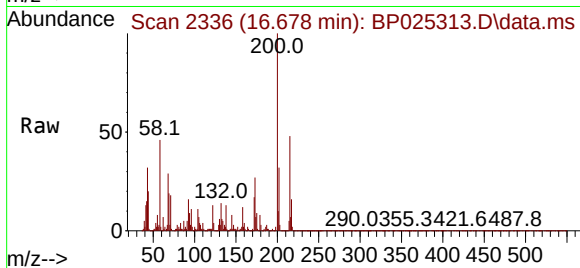
Tgt Ion:200 Resp: 582911

Ion Ratio Lower Upper

200 100

173 26.6 8.2 48.2

215 48.3 28.1 68.1



#70

Pentachlorophenol

Concen: 99.219 ng

RT: 16.854 min Scan# 2366

Delta R.T. -0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

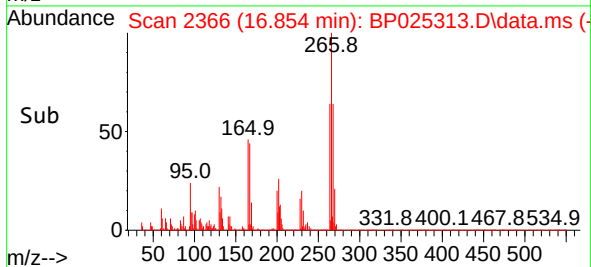
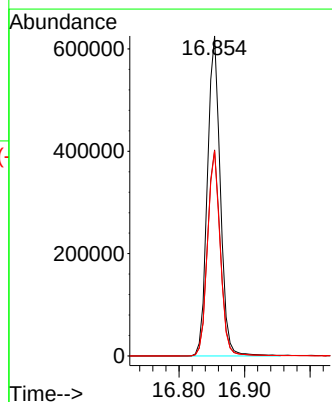
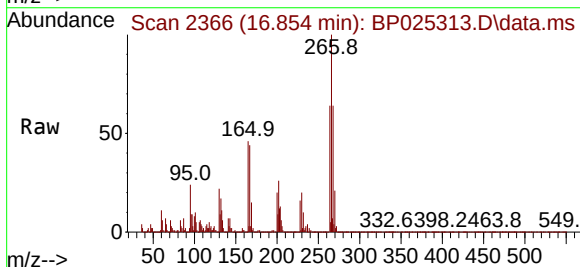
Tgt Ion:266 Resp: 857117

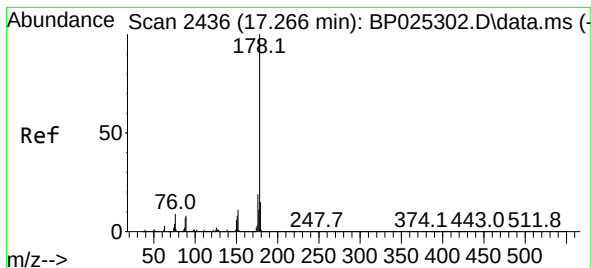
Ion Ratio Lower Upper

266 100

268 64.4 51.4 77.0

264 64.1 51.1 76.7





#71

Phenanthrene

Concen: 43.897 ng

RT: 17.260 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

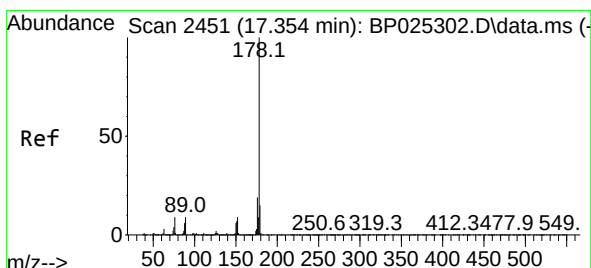
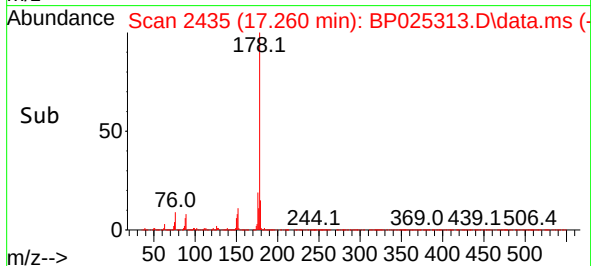
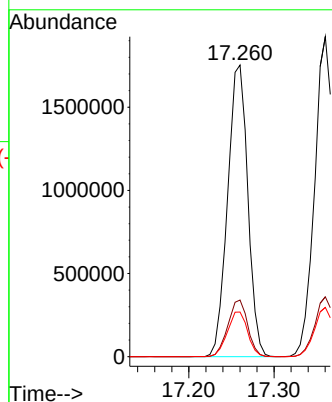
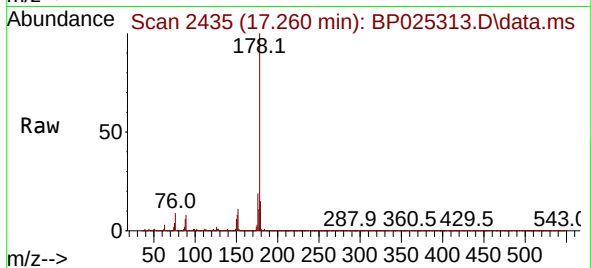
Tgt Ion:178 Resp: 2887546

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 44.616 ng

RT: 17.360 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

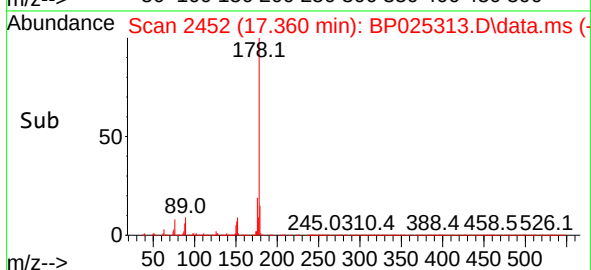
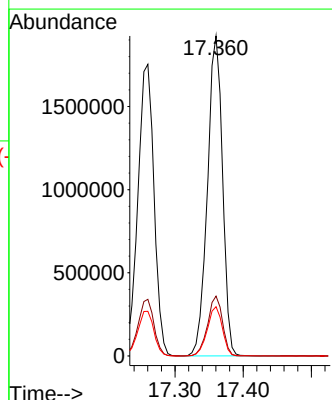
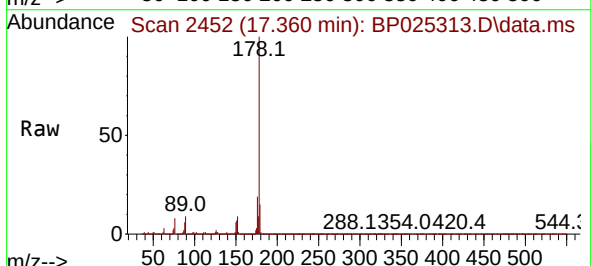
Tgt Ion:178 Resp: 2959175

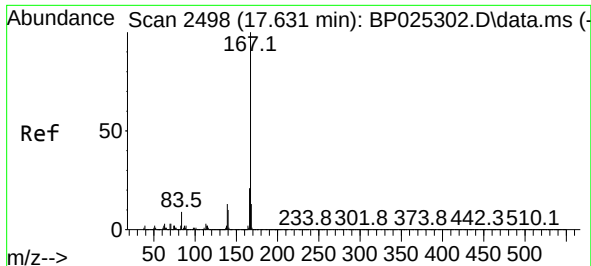
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.4 12.3 18.5

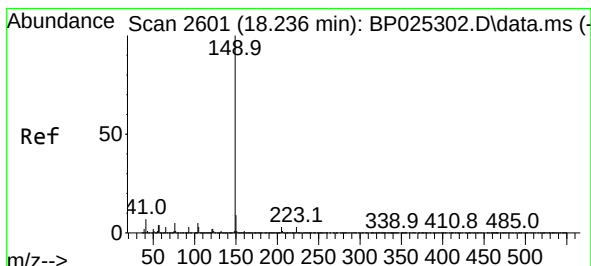
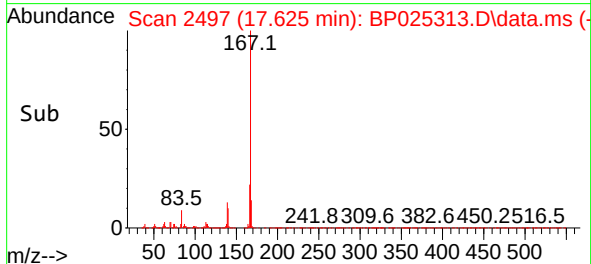
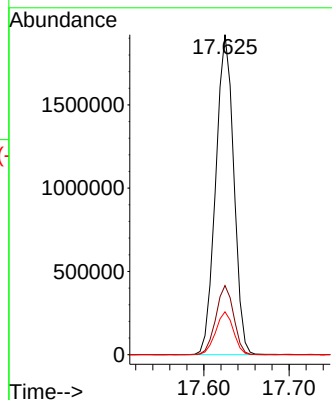
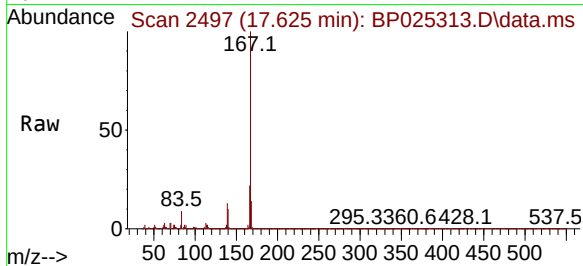




#73
 Carbazole
 Concen: 44.366 ng
 RT: 17.625 min Scan# 2498
 Delta R.T. -0.006 min
 Lab File: BP025313.D
 Acq: 07 Aug 2025 14:28

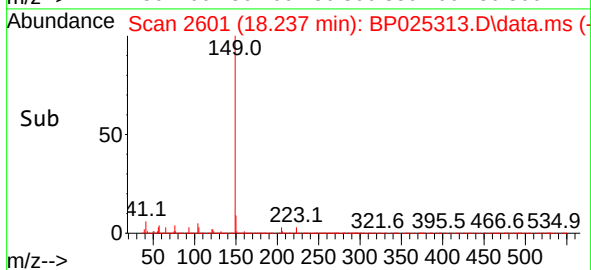
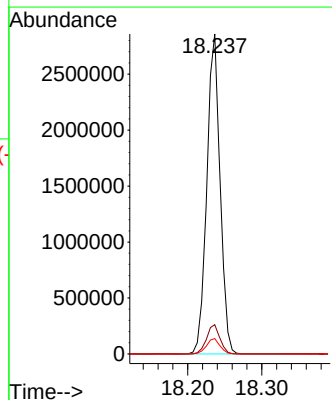
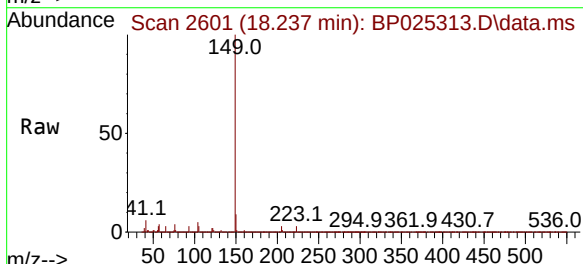
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

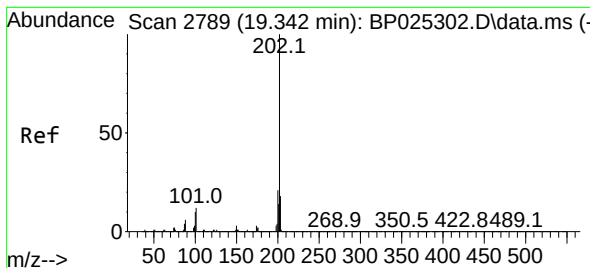
Tgt Ion:167 Resp: 2824703
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.993 ng
 RT: 18.237 min Scan# 2601
 Delta R.T. 0.001 min
 Lab File: BP025313.D
 Acq: 07 Aug 2025 14:28

Tgt Ion:149 Resp: 3542540
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 43.850 ng

RT: 19.336 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

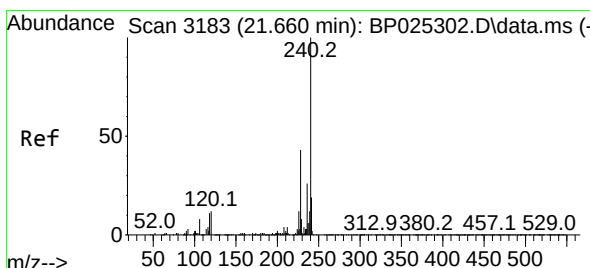
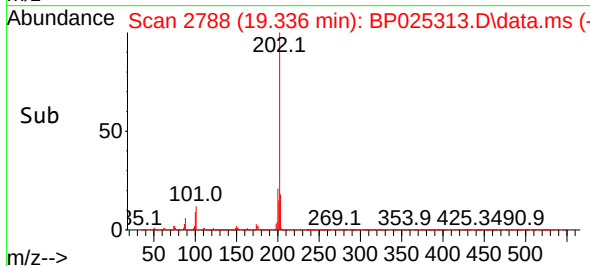
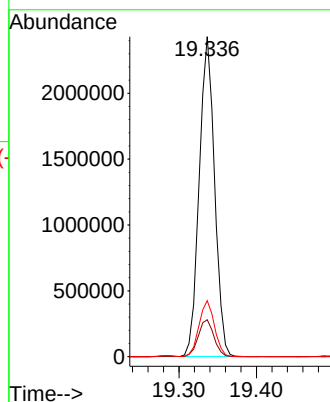
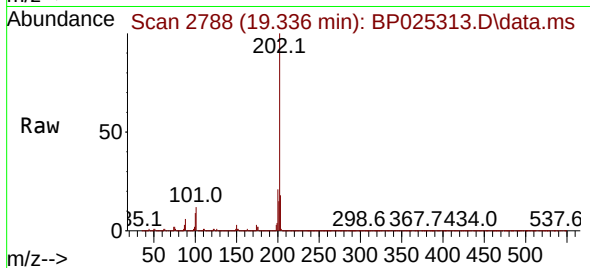
Tgt Ion:202 Resp: 3339110

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.5

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.660 min Scan# 3183

Delta R.T. -0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

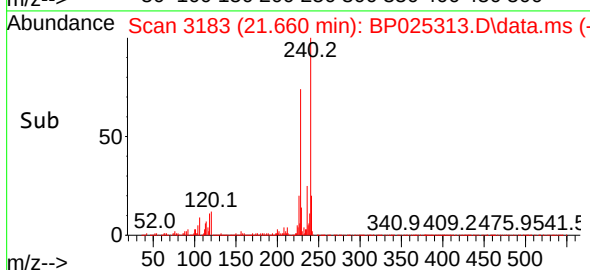
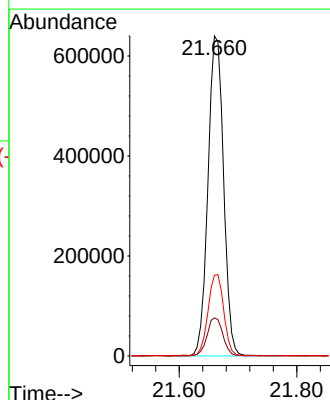
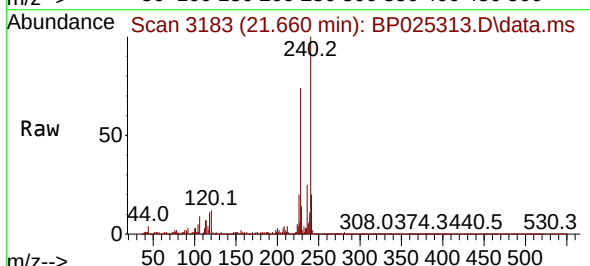
Tgt Ion:240 Resp: 1176296

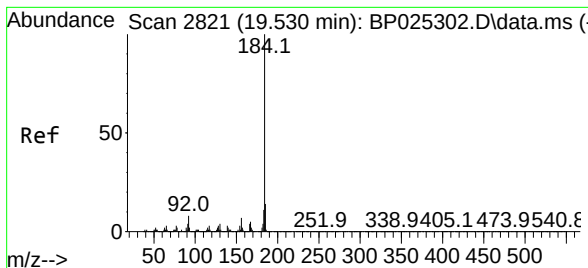
Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

236 25.3 20.4 30.6





#77

Benzidine

Concen: 25.504 ng

RT: 19.536 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

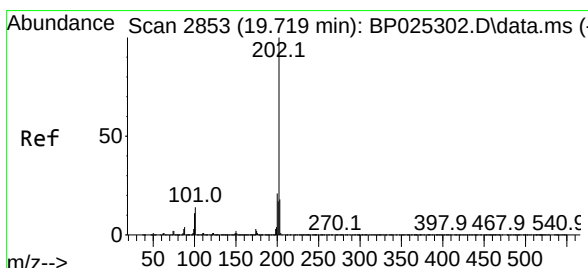
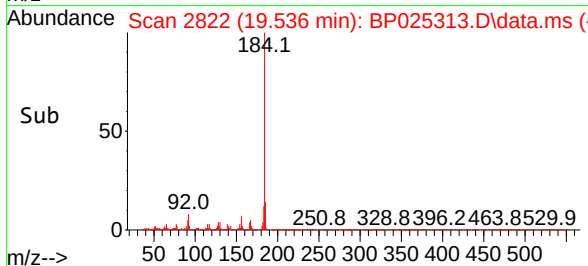
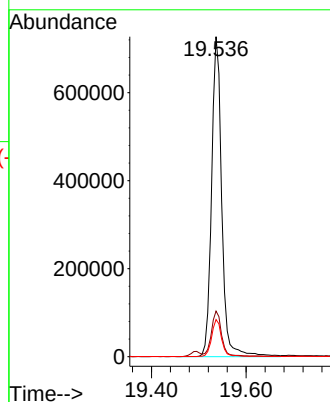
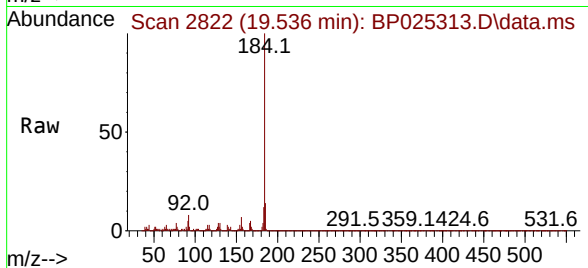
Tgt Ion:184 Resp: 1085842

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.6

183 11.6 9.2 13.8



#78

Pyrene

Concen: 43.777 ng

RT: 19.713 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

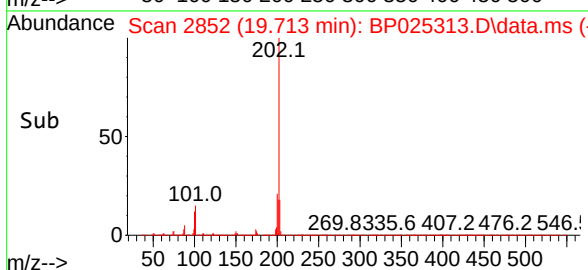
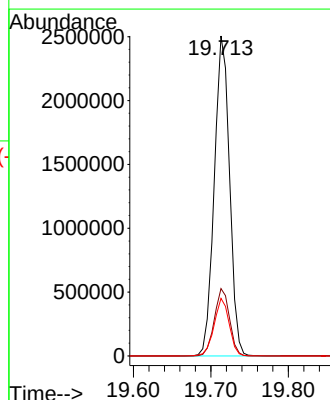
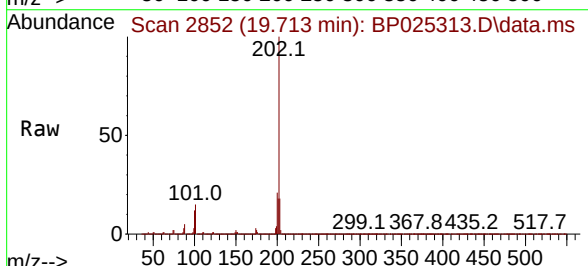
Tgt Ion:202 Resp: 3424311

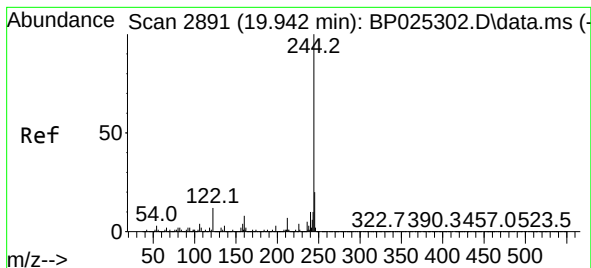
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 75.759 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

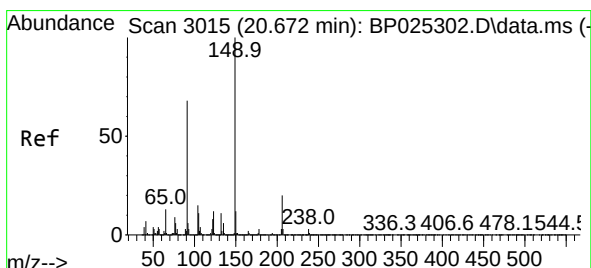
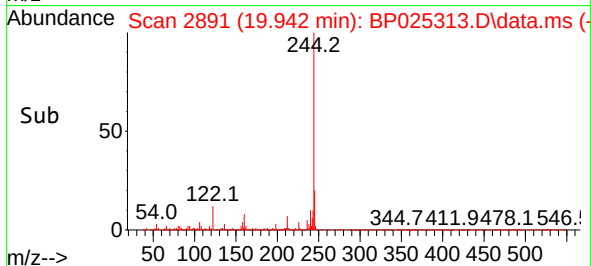
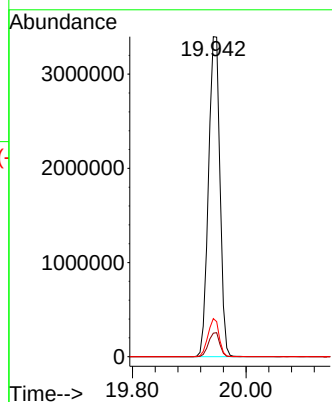
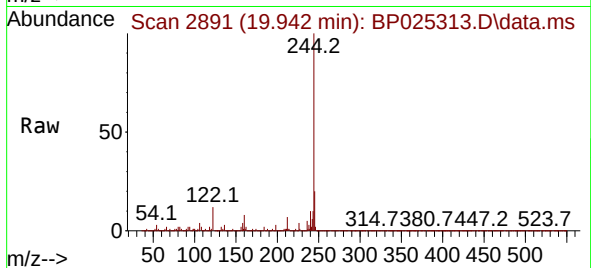
Tgt Ion:244 Resp: 4718093

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.9 9.5 14.3



#80

Butylbenzylphthalate

Concen: 51.184 ng

RT: 20.683 min Scan# 3017

Delta R.T. 0.011 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

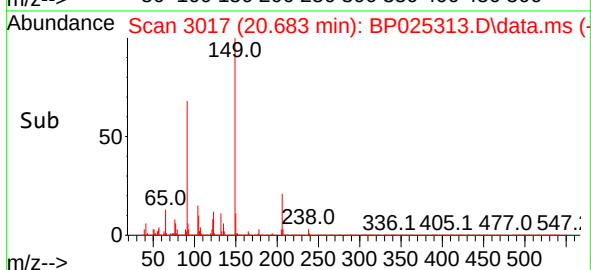
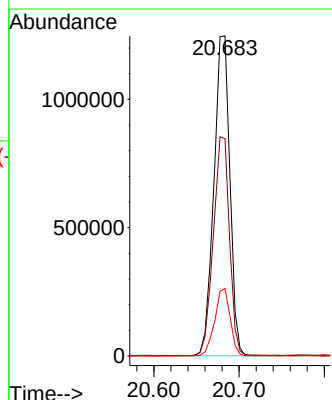
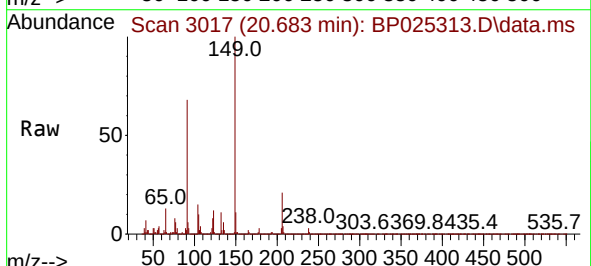
Tgt Ion:149 Resp: 1623760

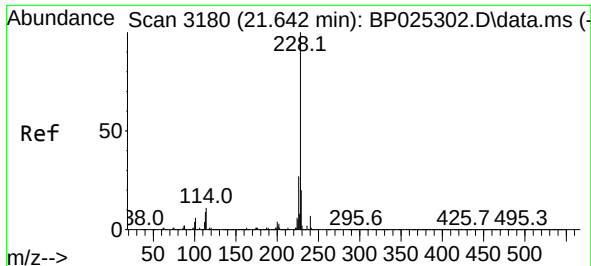
Ion Ratio Lower Upper

149 100

91 67.9 54.7 82.1

206 21.1 16.4 24.6

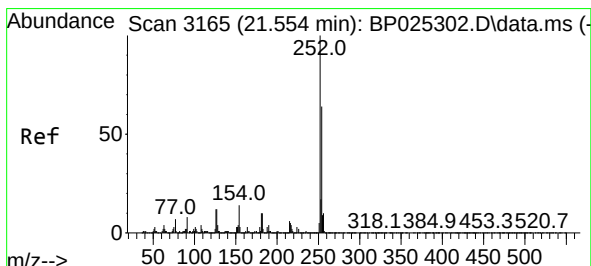
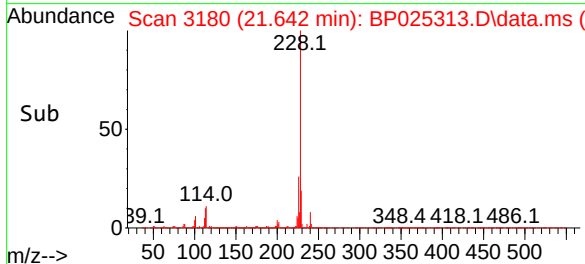
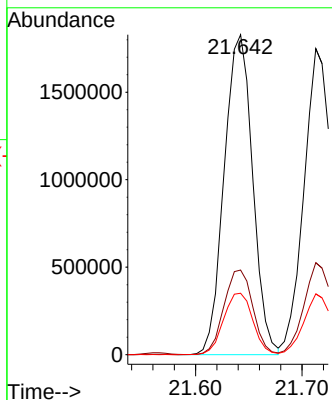
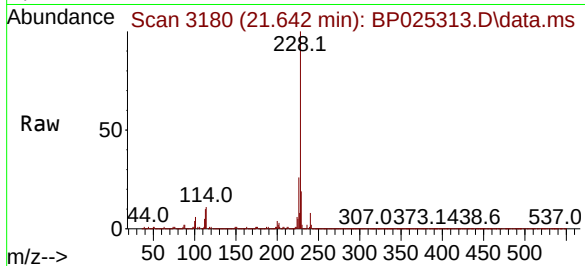




#81
Benzo(a)anthracene
Concen: 43.445 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

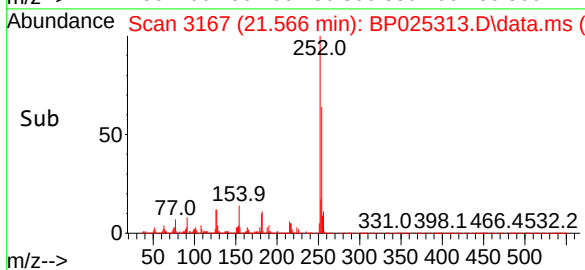
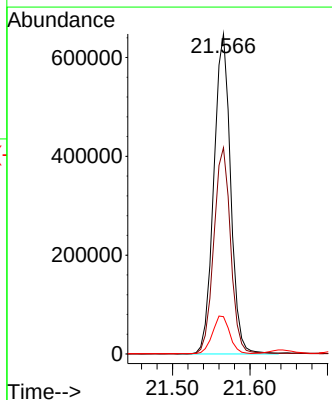
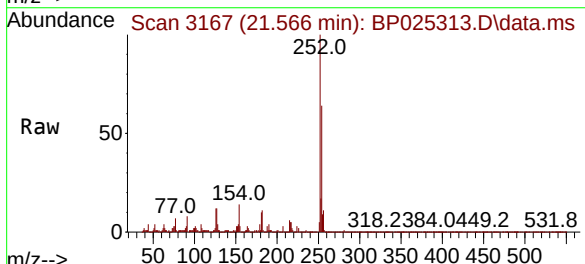
Instrument :
BNA_P
ClientSampleId :
TP-2MS

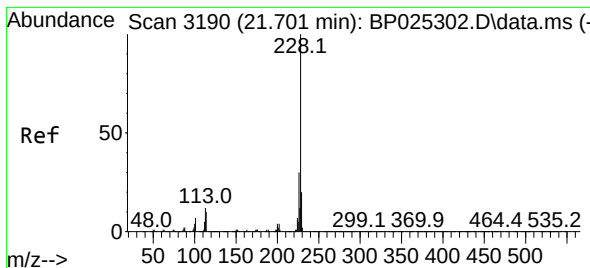
Tgt Ion:228 Resp: 3395999
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 19.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 35.372 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:252 Resp: 975536
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 11.7 9.4 14.2





#83

Chrysene

Concen: 43.906 ng

RT: 21.713 min Scan# 3192

Delta R.T. 0.012 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

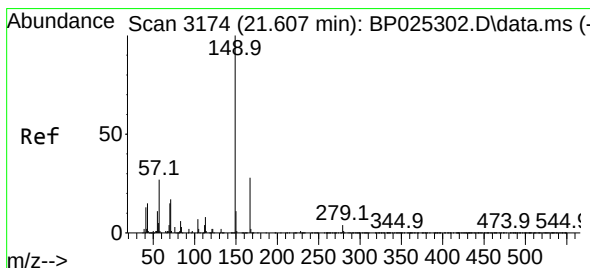
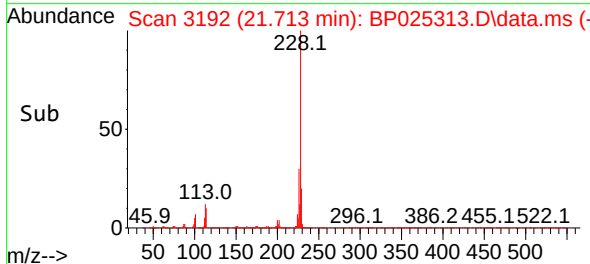
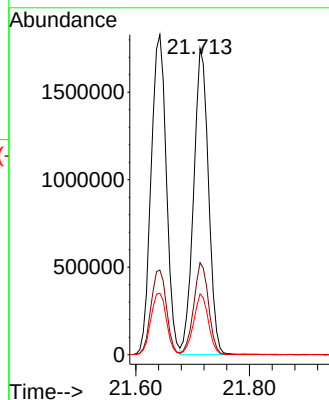
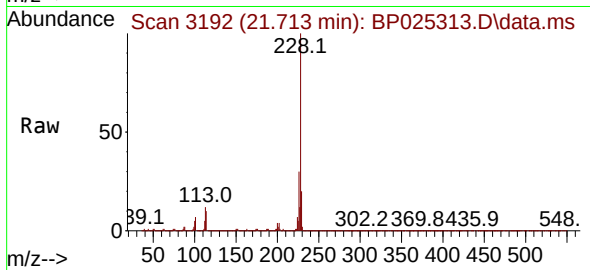
Tgt Ion:228 Resp: 3183194

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.570 ng

RT: 21.607 min Scan# 3174

Delta R.T. -0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

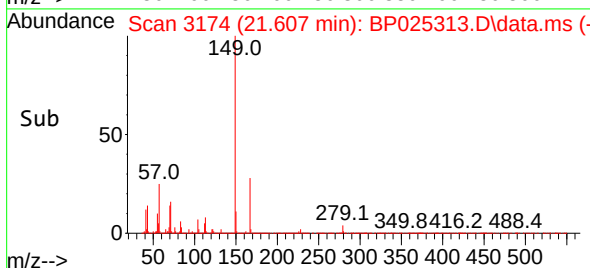
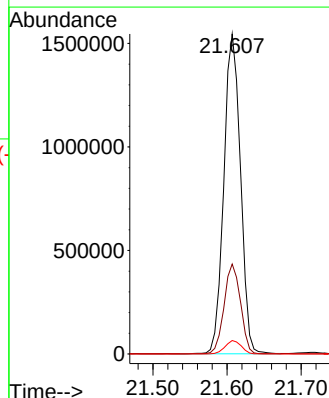
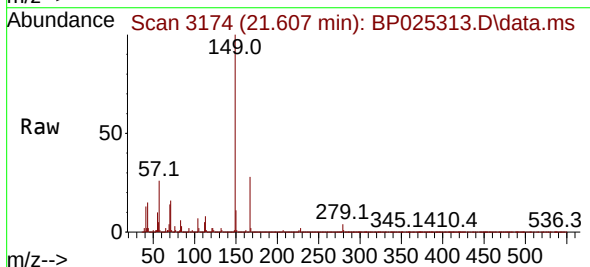
Tgt Ion:149 Resp: 2409679

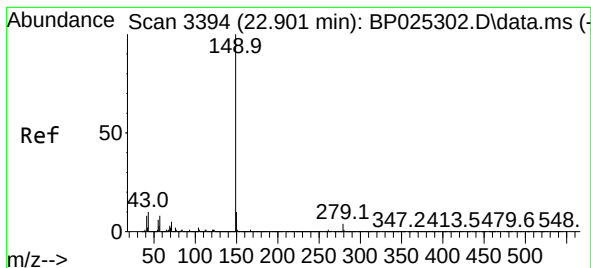
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 48.647 ng

RT: 22.913 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

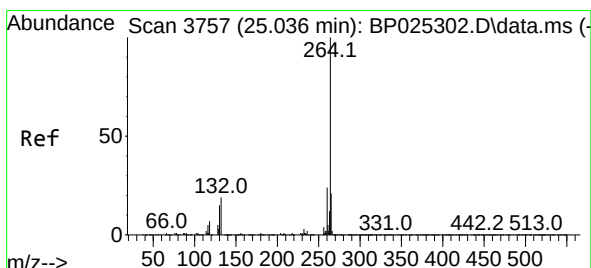
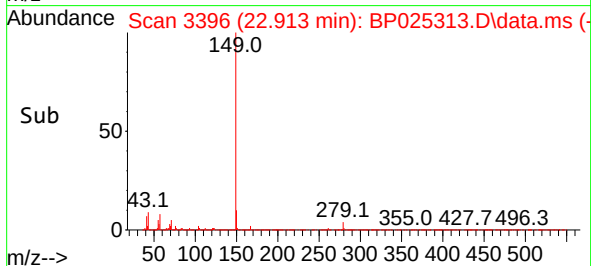
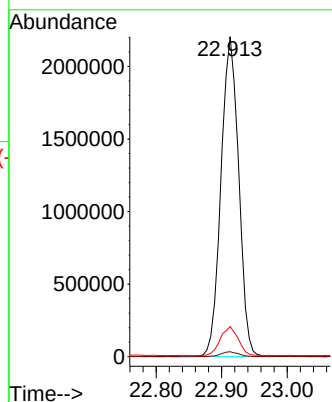
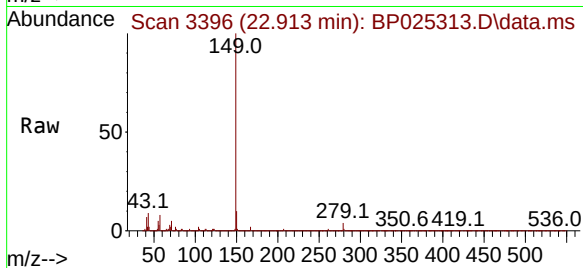
Tgt Ion:149 Resp: 4124691

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.036 min Scan# 3757

Delta R.T. 0.000 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

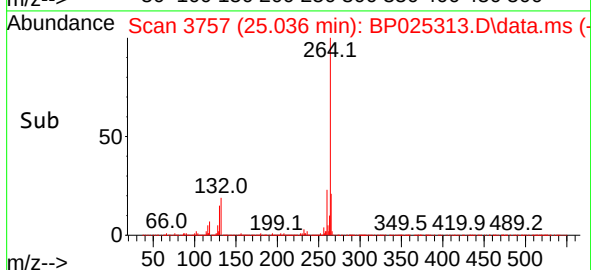
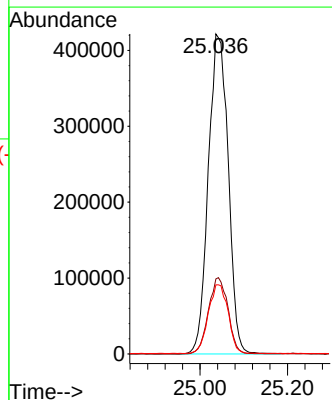
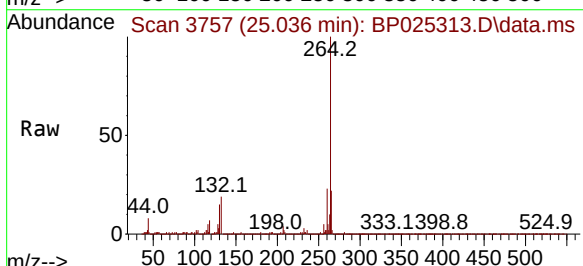
Tgt Ion:264 Resp: 1330316

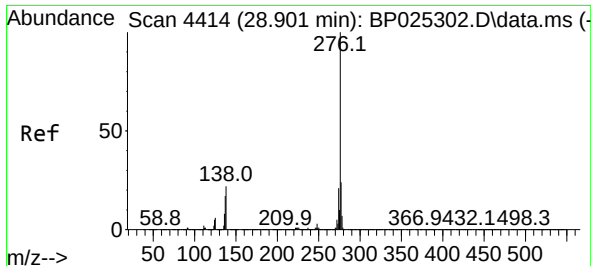
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 17.1 25.7

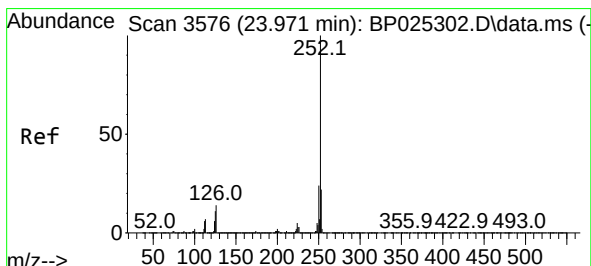
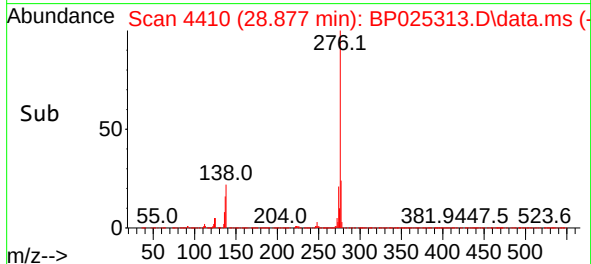
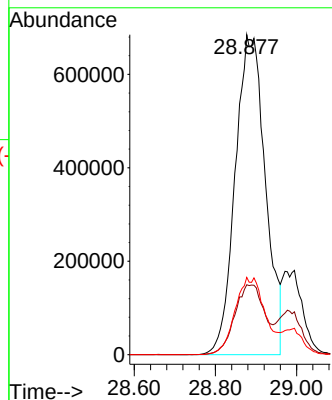
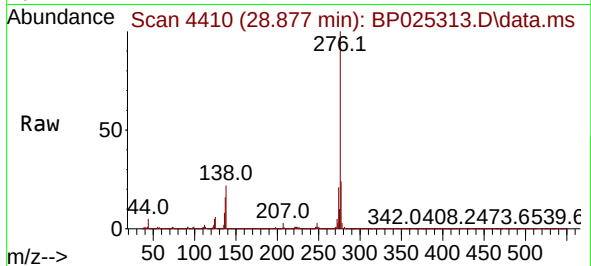




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.980 ng
RT: 28.877 min Scan# 4414
Delta R.T. -0.024 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

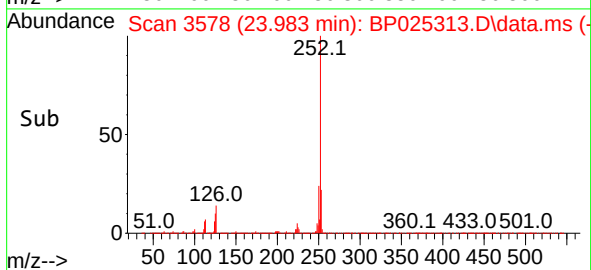
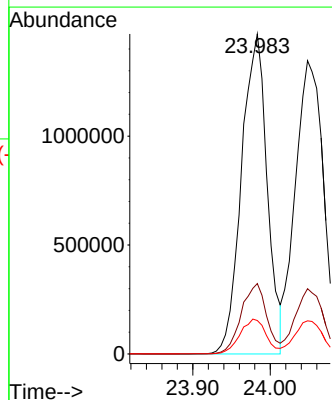
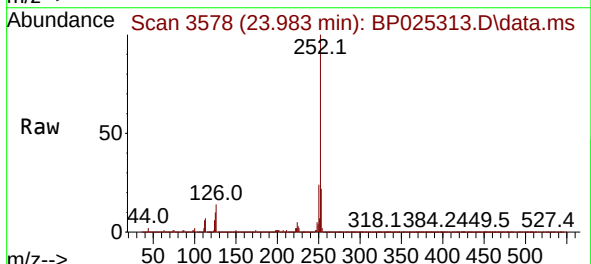
Instrument :
BNA_P
ClientSampleId :
TP-2MS

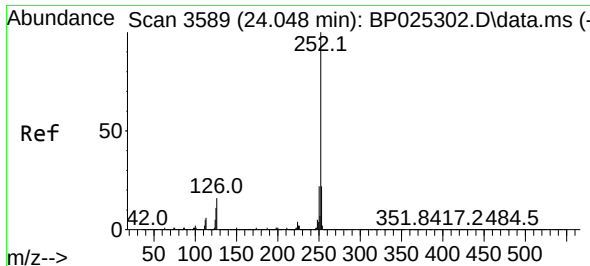
Tgt Ion:276 Resp: 3526133
Ion Ratio Lower Upper
276 100
138 21.7 14.6 22.0
277 24.4 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 42.429 ng
RT: 23.983 min Scan# 3578
Delta R.T. 0.012 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:252 Resp: 3378818
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.5 8.5 12.7

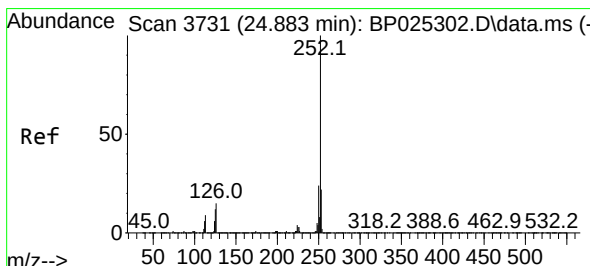
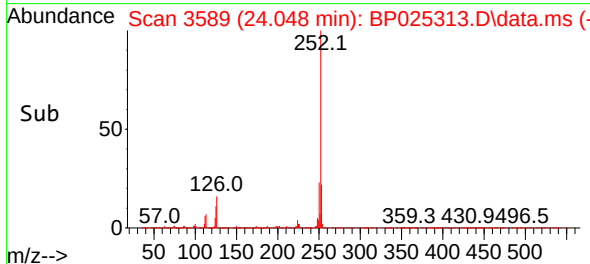
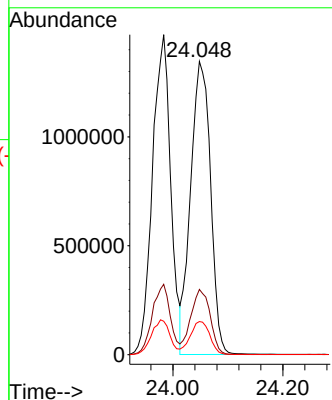
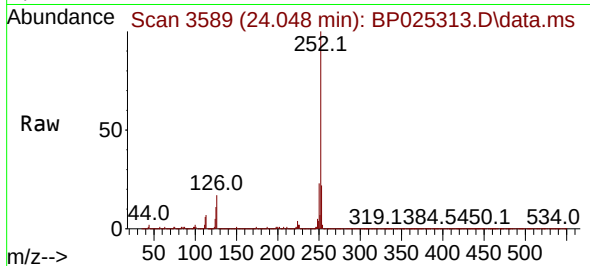




#89
Benzo(k)fluoranthene
Concen: 42.834 ng
RT: 24.048 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

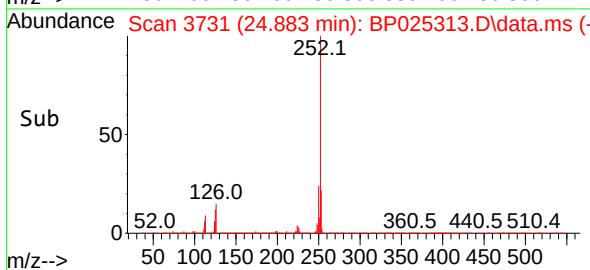
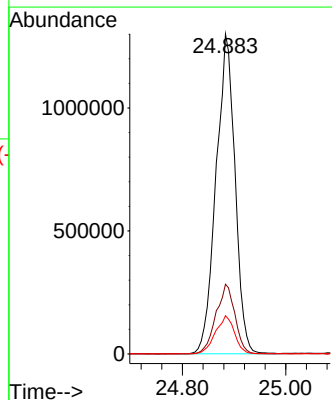
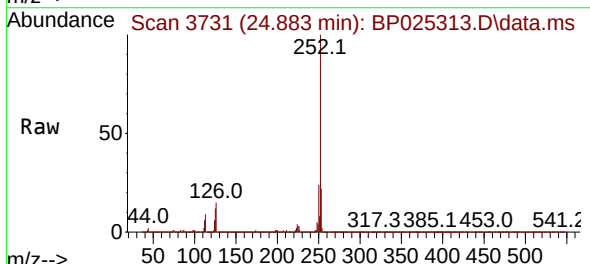
Instrument :
BNA_P
ClientSampleId :
TP-2MS

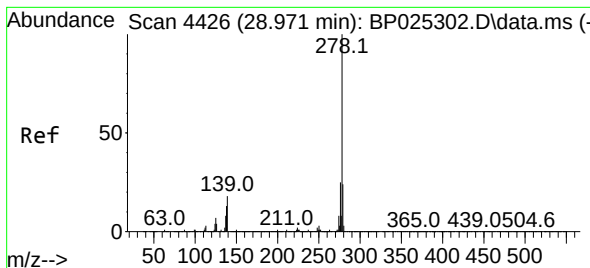
Tgt Ion:252 Resp: 3381495
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.3 8.5 12.7



#90
Benzo(a)pyrene
Concen: 43.245 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP025313.D
Acq: 07 Aug 2025 14:28

Tgt Ion:252 Resp: 3316495
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.0 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 43.766 ng

RT: 28.995 min Scan# 4426

Delta R.T. 0.024 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

TP-2MS

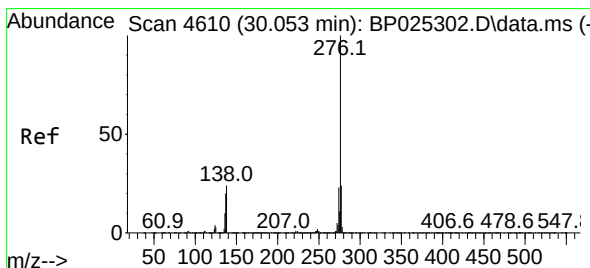
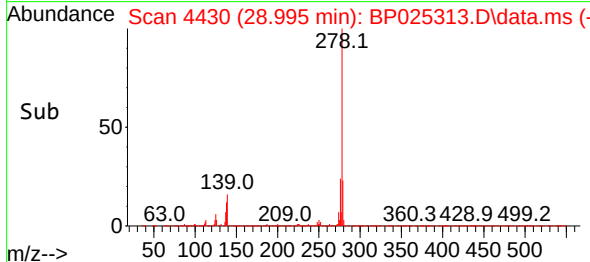
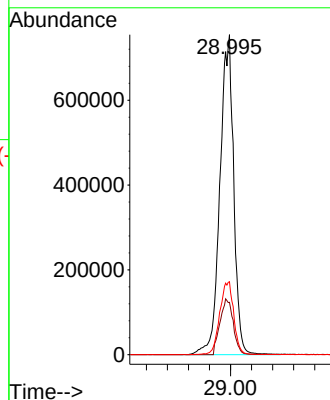
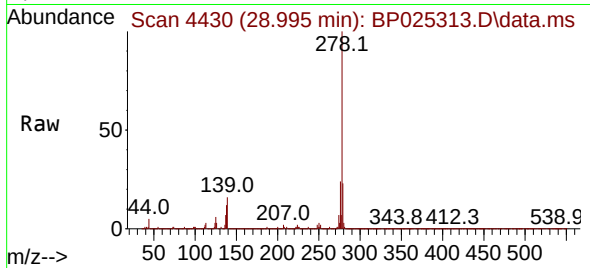
Tgt Ion:278 Resp: 3417760

Ion Ratio Lower Upper

278 100

139 16.3 14.6 22.0

279 22.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 43.119 ng

RT: 30.089 min Scan# 4616

Delta R.T. 0.036 min

Lab File: BP025313.D

Acq: 07 Aug 2025 14:28

Tgt Ion:276 Resp: 3304761

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 23.4 19.1 28.7

