

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025336.D
 Acq On : 08 Aug 2025 17:18
 Operator : CG/JU
 Sample : Q2779-01MSD 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4MSD

Quant Time: Aug 08 17:37:53 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	7.795	152	314794	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1276622	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	761951	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1245696	20.000	ng	-0.01
76) Chrysene-d12	21.671	240	953383	20.000	ng	0.01
86) Perylene-d12	25.059	264	1169667	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	257449	13.154	ng	0.00
7) Phenol-d6	6.960	99	327872	12.729	ng	0.00
23) Nitrobenzene-d5	8.931	82	207211	8.992	ng	-0.01
42) 2,4,6-Tribromophenol	15.924	330	108692	14.299	ng	0.00
45) 2-Fluorobiphenyl	13.030	172	494276	8.960	ng	0.00
79) Terphenyl-d14	19.936	244	492379	9.755	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	54989	7.119	ng	97
3) Pyridine	3.725	79	147552	6.876	ng	95
4) n-Nitrosodimethylamine	3.631	42	70030	7.029	ng	# 97
6) Aniline	7.125	93	139373	3.941	ng	97
8) 2-Chlorophenol	7.366	128	182026	8.496	ng	97
9) Benzaldehyde	6.943	77	95718	5.232	ng	96
10) Phenol	6.984	94	211754	7.683	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	170181	7.881	ng	98
12) 1,3-Dichlorobenzene	7.690	146	197844	8.219	ng	98
13) 1,4-Dichlorobenzene	7.831	146	203957	8.375	ng	99
14) 1,2-Dichlorobenzene	8.148	146	190631	8.080	ng	100
15) Benzyl Alcohol	8.025	79	148271	7.426	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.313	45	246378	7.222	ng	97
17) 2-Methylphenol	8.225	107	148609	8.058	ng	98
18) Hexachloroethane	8.872	117	76942	8.834	ng	94
19) n-Nitroso-di-n-propyla...	8.584	70	130581	7.716	ng	98
20) 3+4-Methylphenols	8.542	107	199174	7.843	ng	97
22) Acetophenone	8.601	105	264234	8.245	ng	# 98
24) Nitrobenzene	8.978	77	180693	8.284	ng	97
25) Isophorone	9.495	82	369259	8.050	ng	99
26) 2-Nitrophenol	9.684	139	89348	12.329	ng	98
27) 2,4-Dimethylphenol	9.742	122	173151	8.188	ng	96
28) bis(2-Chloroethoxy)met...	9.978	93	230092	8.246	ng	99
29) 2,4-Dichlorophenol	10.213	162	166452	8.990	ng	98
30) 1,2,4-Trichlorobenzene	10.431	180	175682	8.601	ng	99
31) Naphthalene	10.625	128	619738	9.351	ng	100
32) Benzoic acid	9.807	122	102430	15.121	ng	98
33) 4-Chloroaniline	10.719	127	124822	4.235	ng	99
34) Hexachlorobutadiene	10.913	225	106757	9.105	ng	100
35) Caprolactam	11.460	113	55620	7.744	ng	98
36) 4-Chloro-3-methylphenol	11.836	107	178331	8.324	ng	98
37) 2-Methylnaphthalene	12.230	142	389053	9.070	ng	99
38) 1-Methylnaphthalene	12.448	142	401507	8.971	ng	99
40) 1,2,4,5-Tetrachloroben...	12.601	216	194614	9.355	ng	99
41) Hexachlorocyclopentadiene	12.589	237	176002	13.708	ng	100
43) 2,4,6-Trichlorophenol	12.836	196	130600	9.719	ng	100

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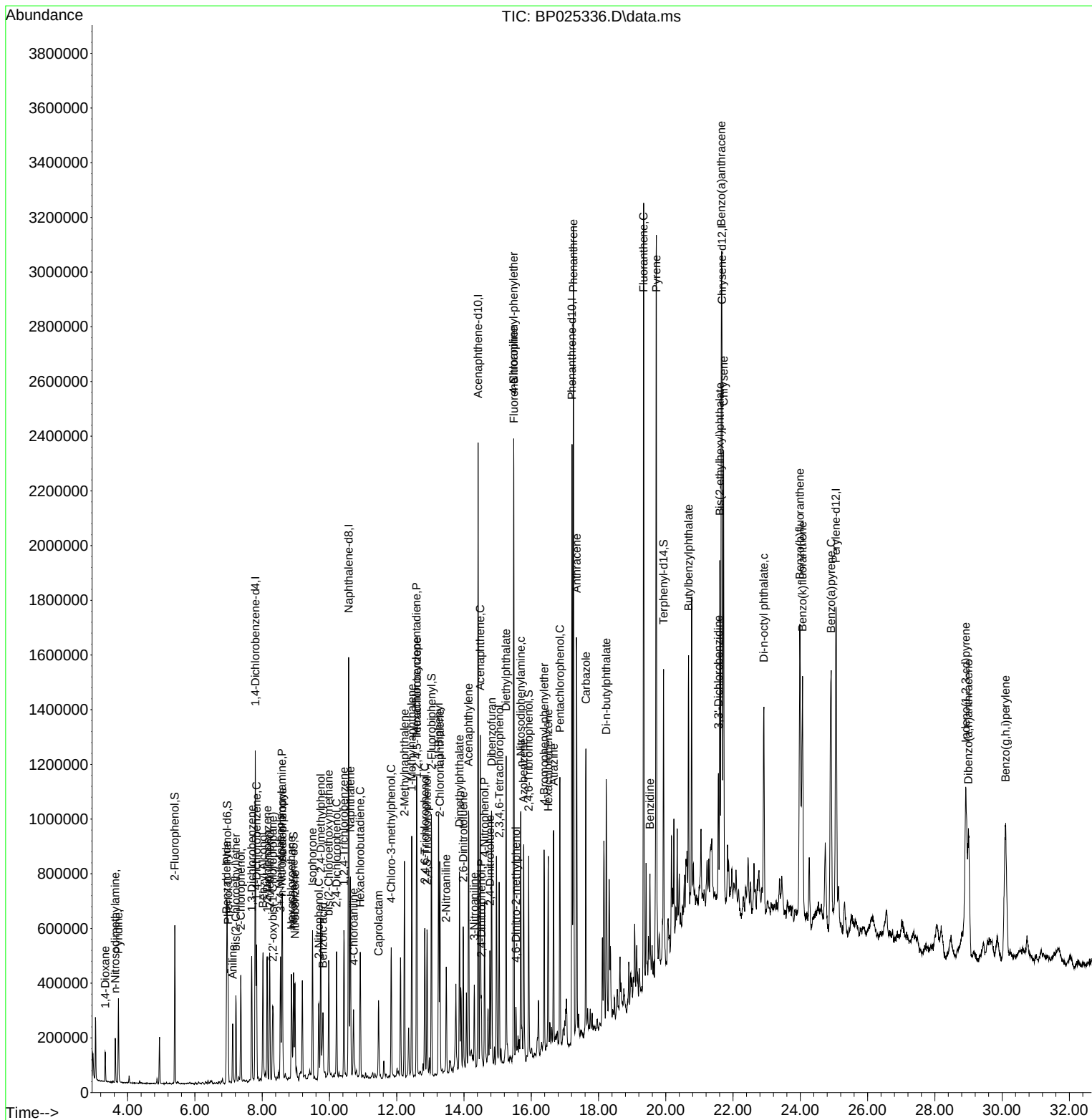
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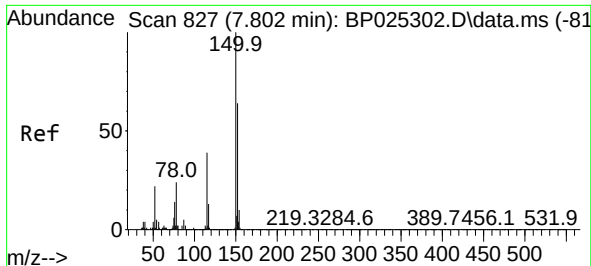
Quant Time: Aug 08 17:37:53 2025
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 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	141039	9.356	ng	98
46) 1,1'-Biphenyl	13.248	154	515585	9.182	ng	99
47) 2-Chloronaphthalene	13.283	162	383958	8.963	ng	98
48) 2-Nitroaniline	13.472	65	104567	10.782	ng	98
49) Acenaphthylene	14.136	152	658939	9.221	ng	99
50) Dimethylphthalate	13.866	163	471569	8.490	ng	99
51) 2,6-Dinitrotoluene	13.977	165	93394	9.116	ng	98
52) Acenaphthene	14.483	154	480366	11.021	ng	99
53) 3-Nitroaniline	14.307	138	75545	6.301	ng	97
54) 2,4-Dinitrophenol	14.519	184	49927	17.825	ng	# 51
55) Dibenzofuran	14.819	168	620637	9.528	ng	99
56) 4-Nitrophenol	14.613	139	156537	14.795	ng	99
57) 2,4-Dinitrotoluene	14.772	165	128279	10.784	ng	# 98
58) Fluorene	15.483	166	589931	11.531	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	110973	8.813	ng	98
60) Diethylphthalate	15.254	149	644226	11.504	ng	99
61) 4-Chlorophenyl-phenyle...	15.477	204	214939	8.862	ng	98
62) 4-Nitroaniline	15.477	138	88715	7.468	ng	99
63) Azobenzene	15.771	77	445497	8.563	ng	96
65) 4,6-Dinitro-2-methylph...	15.548	198	38058	12.627	ng	97
66) n-Nitrosodiphenylamine	15.689	169	395458	10.426	ng	99
67) 4-Bromophenyl-phenylether	16.383	248	126977	10.131	ng	96
68) Hexachlorobenzene	16.507	284	133200	9.471	ng	99
69) Atrazine	16.666	200	126892	9.513	ng	98
70) Pentachlorophenol	16.854	266	163383	18.234	ng	99
71) Phenanthrene	17.254	178	1842306	27.002	ng	100
72) Anthracene	17.348	178	918997	13.359	ng	99
73) Carbazole	17.624	167	610667	9.247	ng	100
74) Di-n-butylphthalate	18.230	149	746806	9.348	ng	100
75) Fluoranthene	19.342	202	1920598	24.317	ng	98
77) Benzidine	19.530	184	195752	5.673	ng	99
78) Pyrene	19.718	202	1788839	28.216	ng	99
80) Butylbenzylphthalate	20.677	149	274039	10.658	ng	99
81) Benzo(a)anthracene	21.654	228	1171620	18.493	ng	99
82) 3,3'-Dichlorobenzidine	21.565	252	172861	7.733	ng	98
83) Chrysene	21.718	228	1056748	17.984	ng	99
84) Bis(2-ethylhexyl)phtha...	21.606	149	500768	12.197	ng	99
85) Di-n-octyl phthalate	22.918	149	716187	10.422	ng	99
87) Indeno(1,2,3-cd)pyrene	28.918	276	1107815	13.214	ng	# 95
88) Benzo(b)fluoranthene	23.989	252	1292140	18.454	ng	99
89) Benzo(k)fluoranthene	24.065	252	870456	12.541	ng	98
90) Benzo(a)pyrene	24.912	252	1135954	16.847	ng	99
91) Dibenzo(a,h)anthracene	29.000	278	698998	10.180	ng	99
92) Benzo(g,h,i)perylene	30.100	276	936242	13.894	ng	100

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

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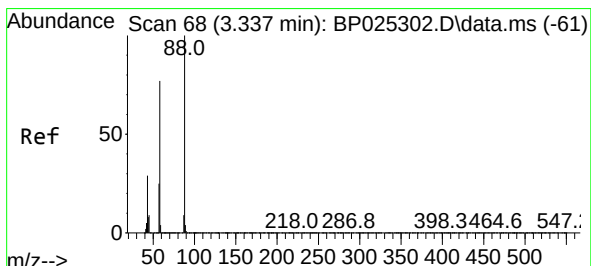
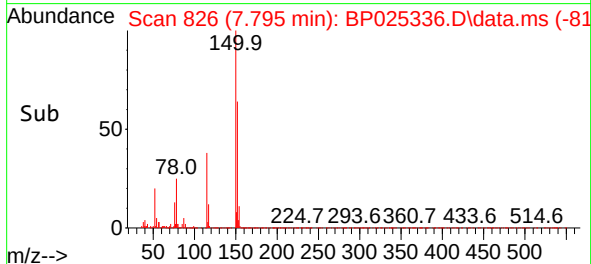
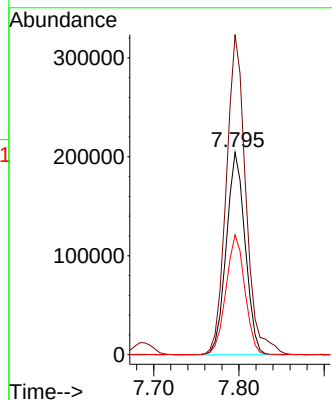
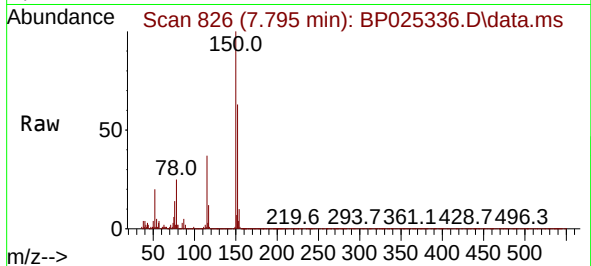




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.795 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BP025336.D
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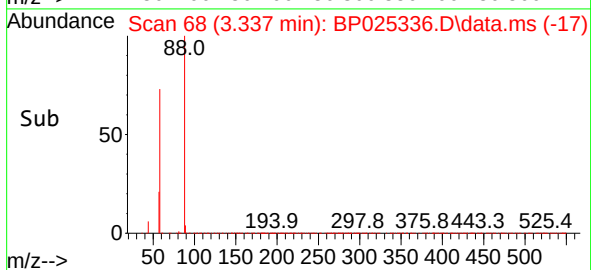
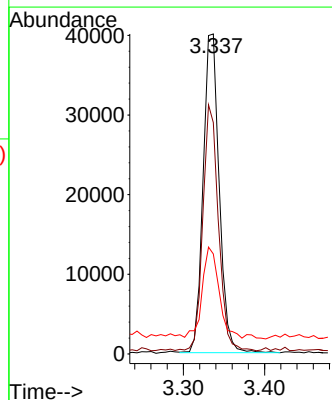
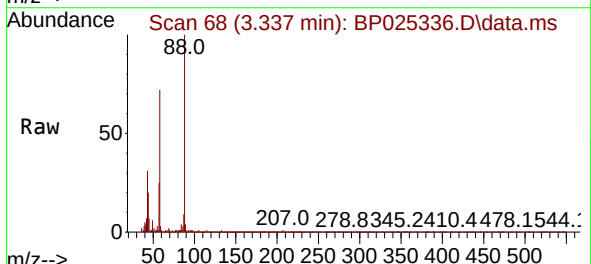
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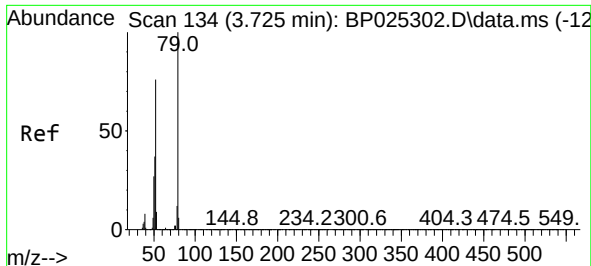
Tgt Ion:152 Resp: 314794
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.1 187.7
 115 59.3 48.4 72.6



#2
 1,4-Dioxane
 Concen: 7.119 ng
 RT: 3.337 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

Tgt Ion: 88 Resp: 54989
 Ion Ratio Lower Upper
 88 100
 58 74.4 61.9 92.9
 43 29.6 24.2 36.2

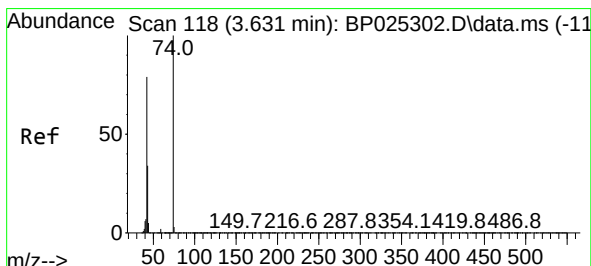
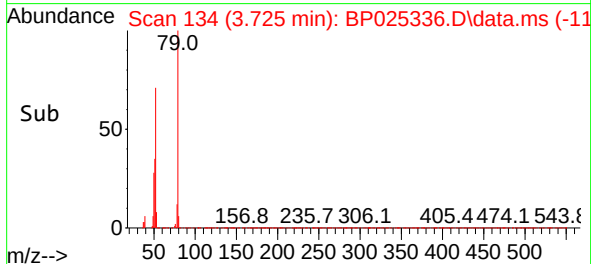
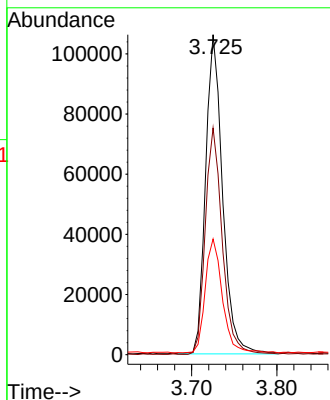
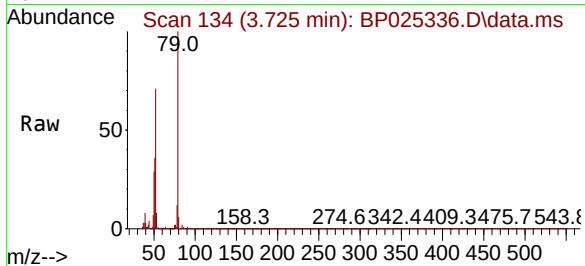




#3
Pyridine
Concen: 6.876 ng
RT: 3.725 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

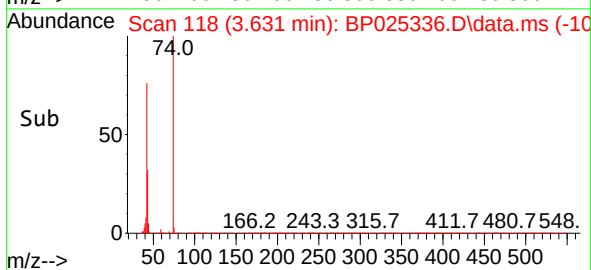
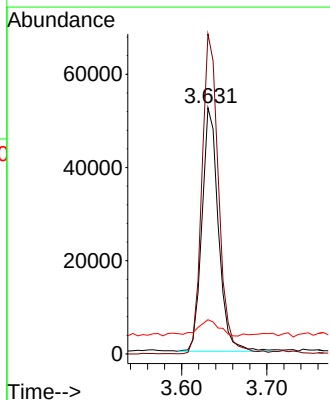
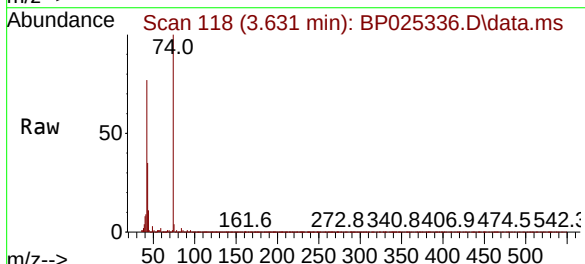
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ClientSampleId :
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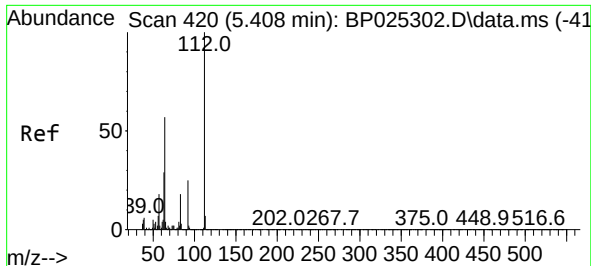
Tgt Ion: 79 Resp: 147552
Ion Ratio Lower Upper
79 100
52 70.8 60.5 90.7
51 36.1 30.2 45.2



#4
n-Nitrosodimethylamine
Concen: 7.029 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion: 42 Resp: 70030
Ion Ratio Lower Upper
42 100
74 129.9 101.4 152.2
44 13.9 7.6 11.4

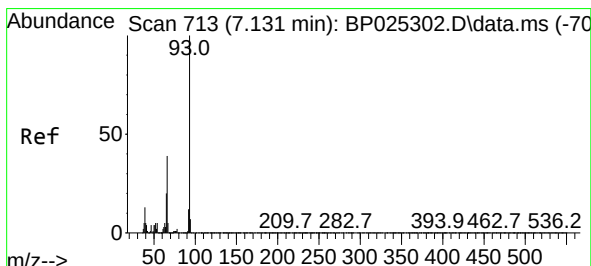
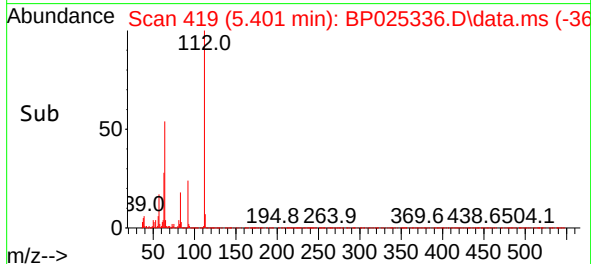
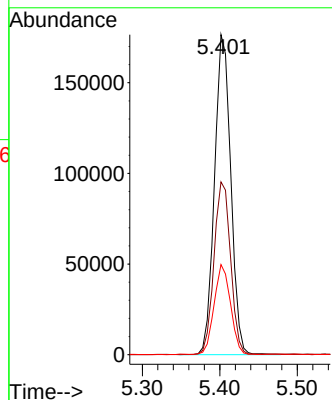
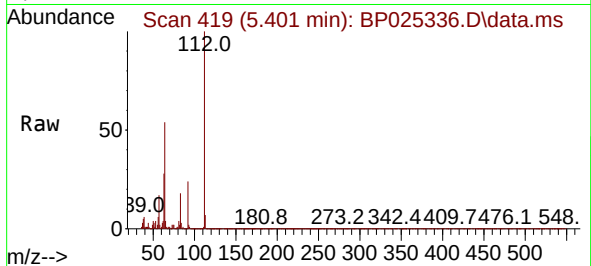




#5
2-Fluorophenol
Concen: 13.154 ng
RT: 5.401 min Scan# 41
Delta R.T. -0.007 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

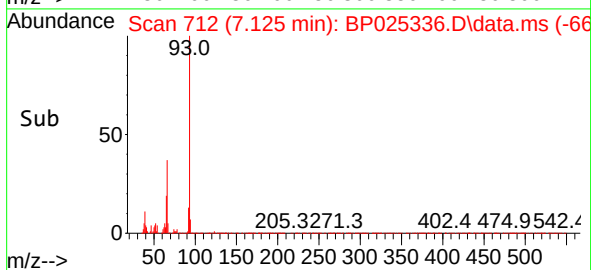
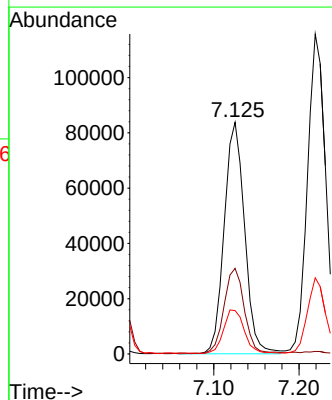
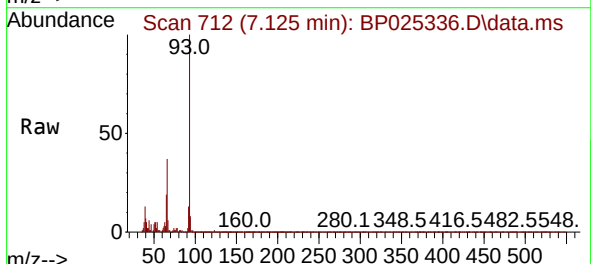
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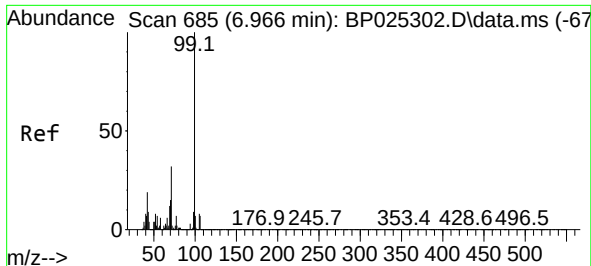
Tgt Ion:112 Resp: 257449
Ion Ratio Lower Upper
112 100
64 54.0 45.3 67.9
63 28.1 23.0 34.6



#6
Aniline
Concen: 3.941 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion: 93 Resp: 139373
Ion Ratio Lower Upper
93 100
66 36.9 31.1 46.7
65 18.7 15.8 23.8

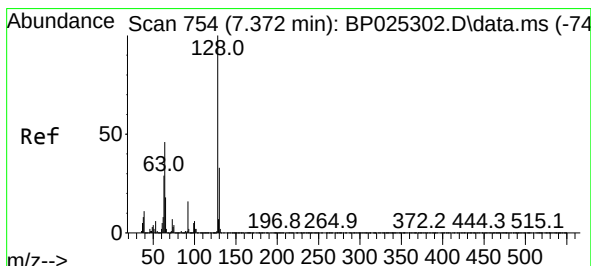
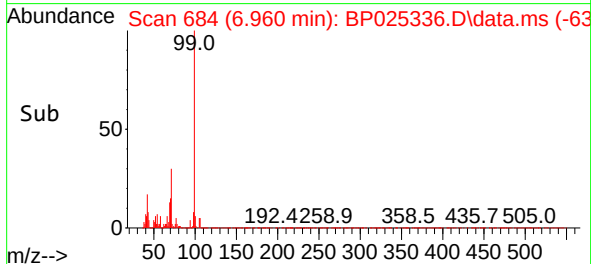
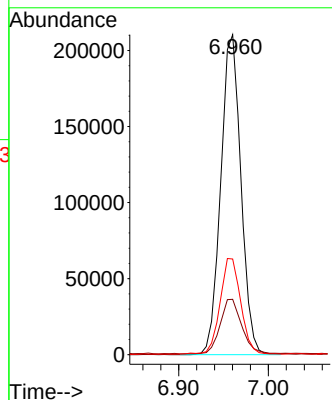
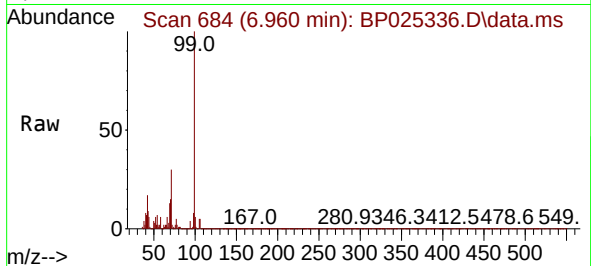




#7
Phenol-d6
Concen: 12.729 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

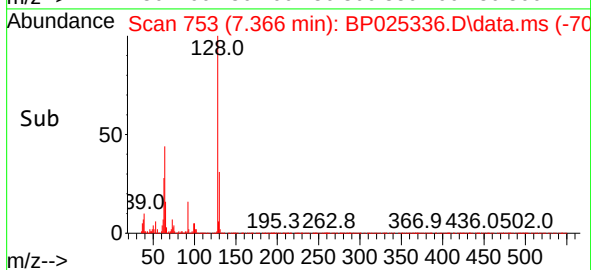
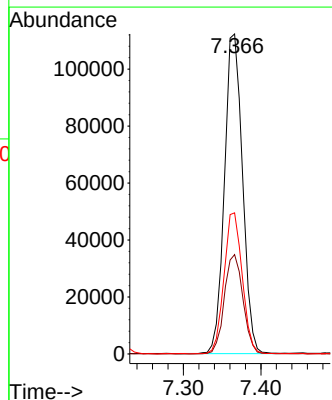
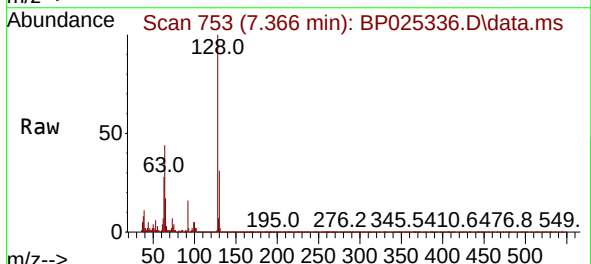
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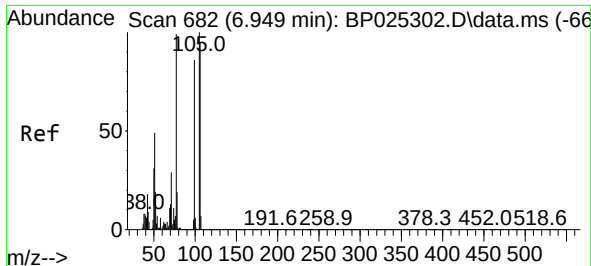
Tgt Ion: 99 Resp: 327872
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.6
71 29.9 25.5 38.3



#8
2-Chlorophenol
Concen: 8.496 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025336.D
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Tgt Ion: 128 Resp: 182026
Ion Ratio Lower Upper
128 100
130 31.1 13.1 53.1
64 44.1 26.1 66.1

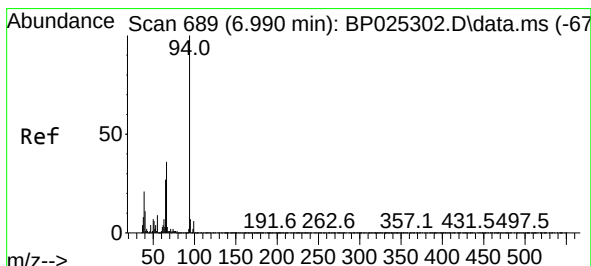
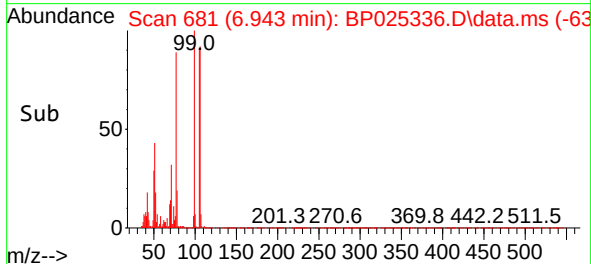
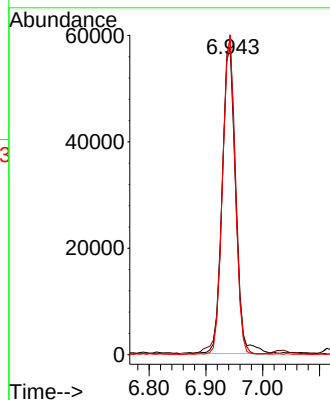
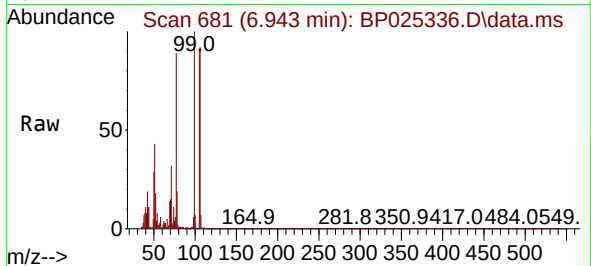




#9
Benzaldehyde
Concen: 5.232 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

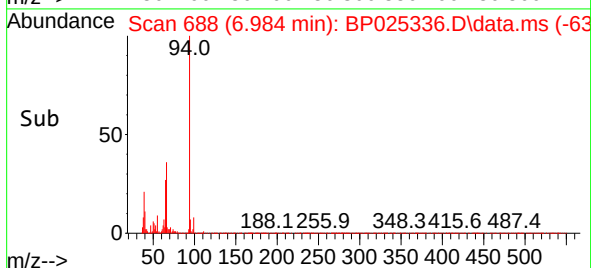
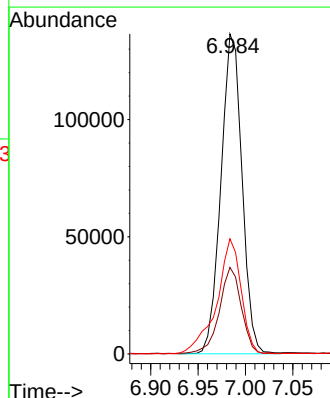
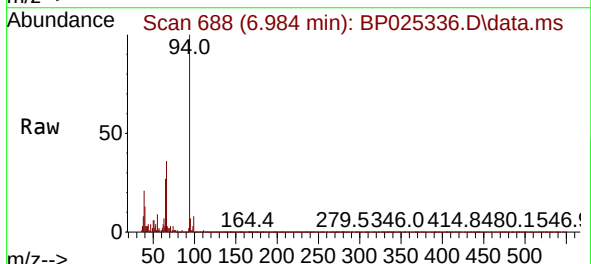
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ClientSampleId :
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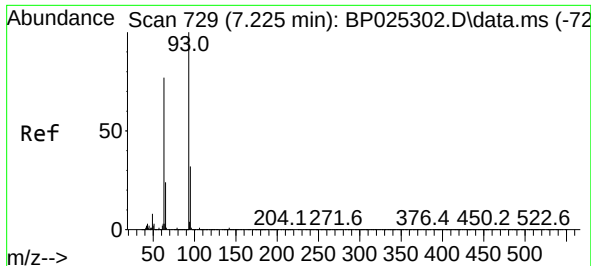
Tgt Ion: 77 Resp: 95718
Ion Ratio Lower Upper
77 100
105 102.4 81.4 121.4
106 103.9 76.2 116.2



#10
Phenol
Concen: 7.683 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 211754
Ion Ratio Lower Upper
94 100
65 27.1 7.3 47.3
66 36.0 15.7 55.7

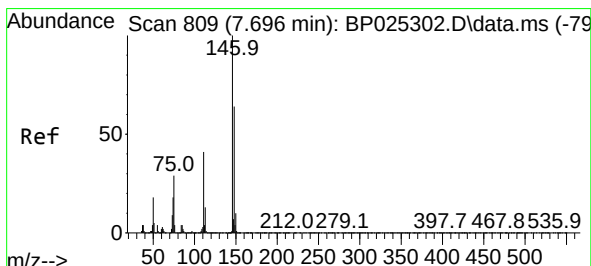
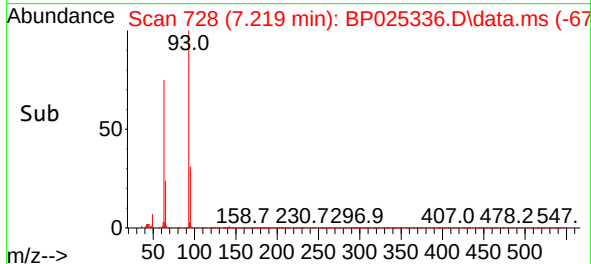
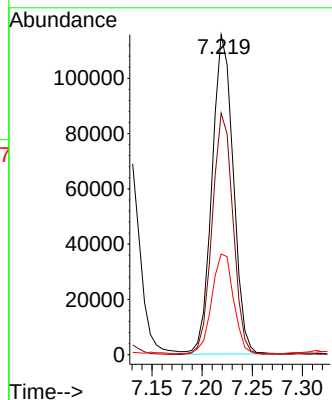
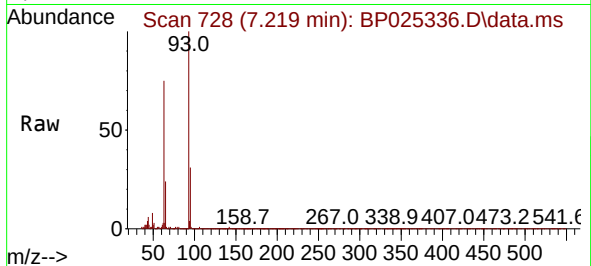




#11
bis(2-Chloroethyl)ether
Concen: 7.881 ng
RT: 7.219 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

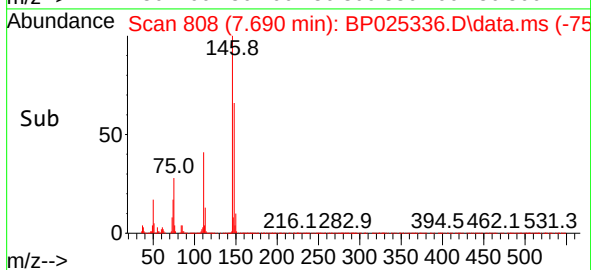
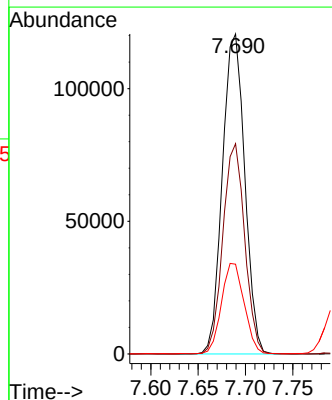
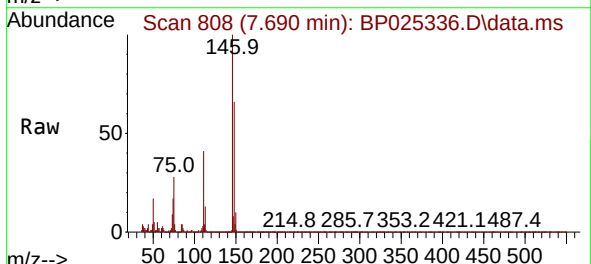
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

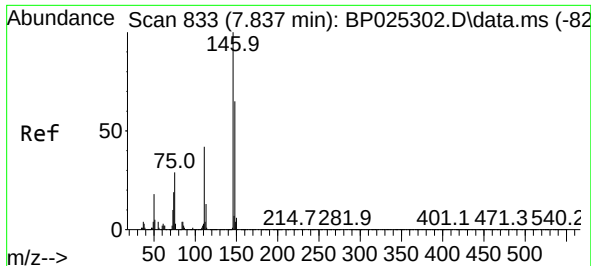
Tgt Ion: 93 Resp: 170181
Ion Ratio Lower Upper
93 100
63 75.4 57.0 97.0
95 31.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 8.219 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:146 Resp: 197844
Ion Ratio Lower Upper
146 100
148 65.7 51.1 76.7
75 28.1 23.2 34.8

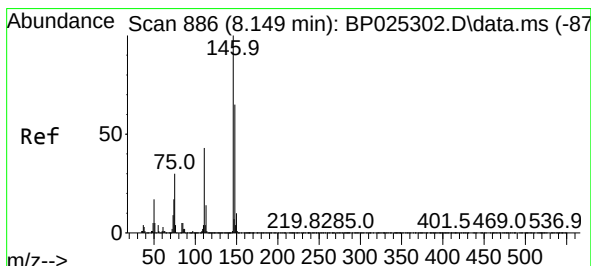
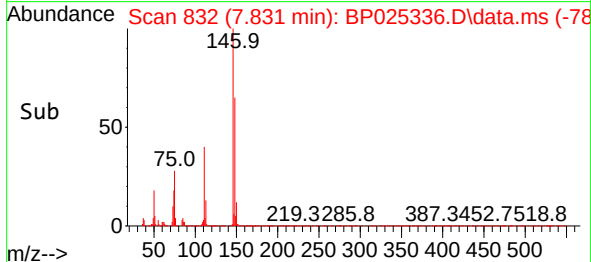
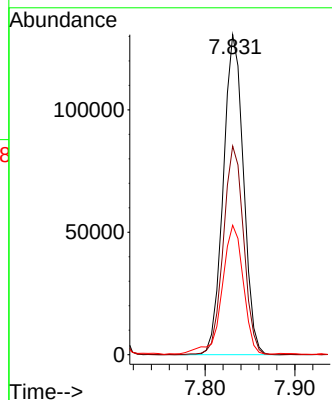
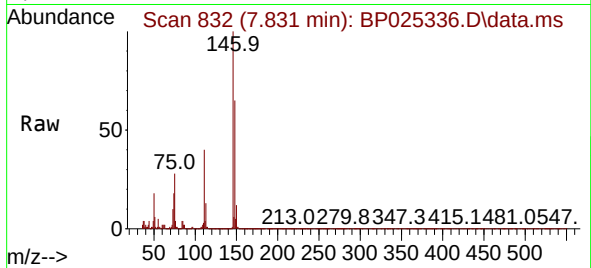




#13
1,4-Dichlorobenzene
Concen: 8.375 ng
RT: 7.831 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

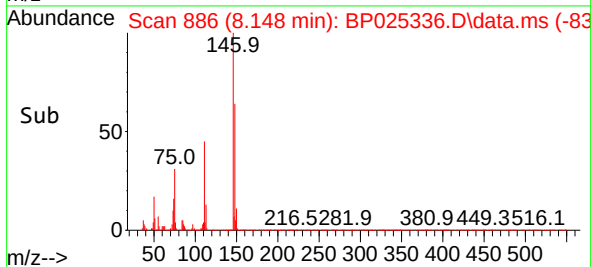
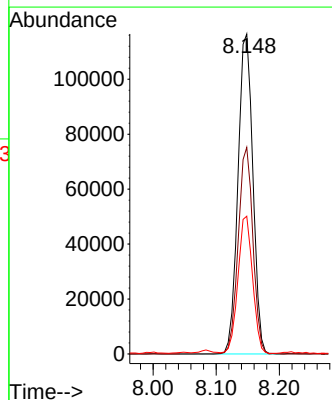
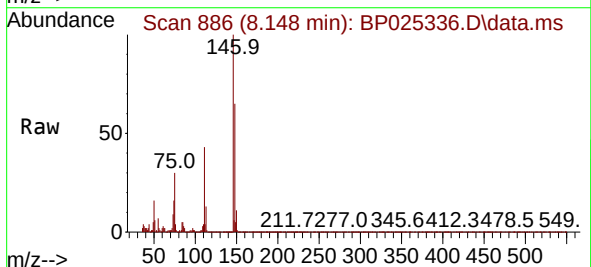
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

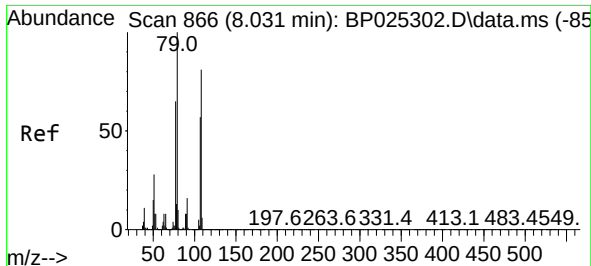
Tgt Ion:146 Resp: 203957
Ion Ratio Lower Upper
146 100
148 65.2 52.0 78.0
111 40.4 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 8.080 ng
RT: 8.148 min Scan# 886
Delta R.T. -0.001 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:146 Resp: 190631
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
111 43.1 34.4 51.6

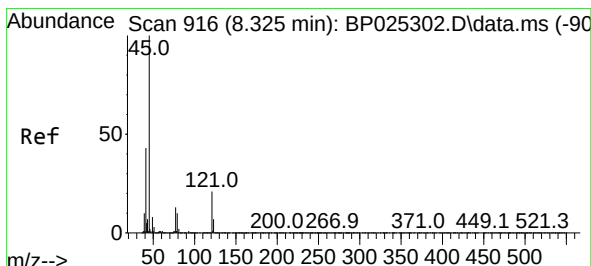
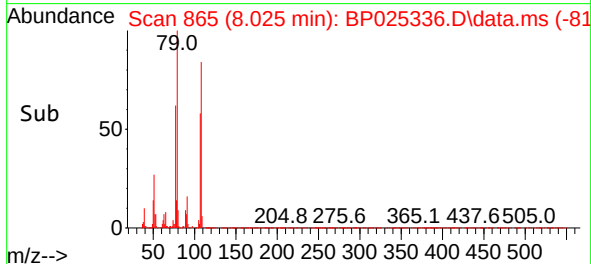
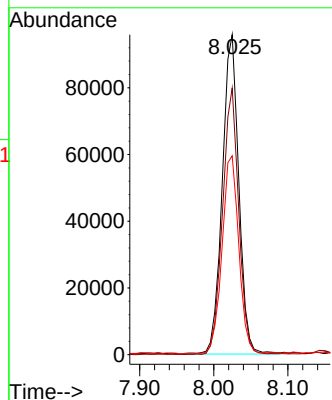
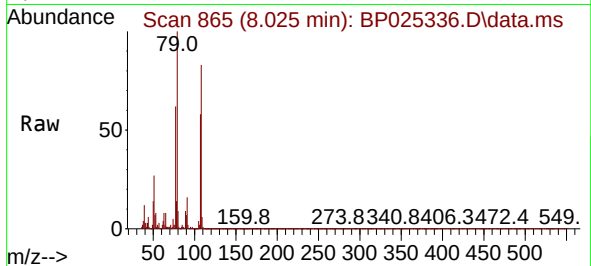




#15
Benzyl Alcohol
Concen: 7.426 ng
RT: 8.025 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

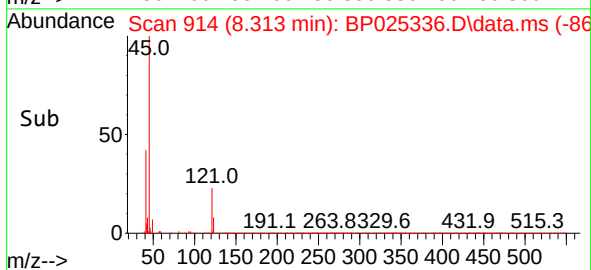
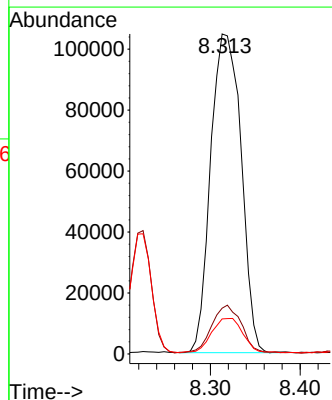
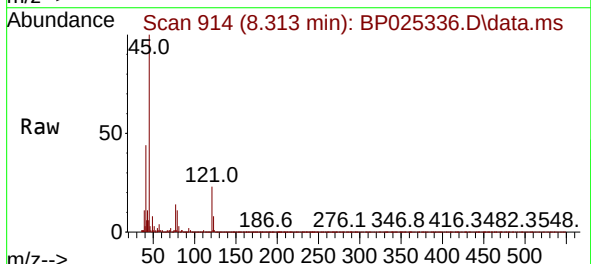
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

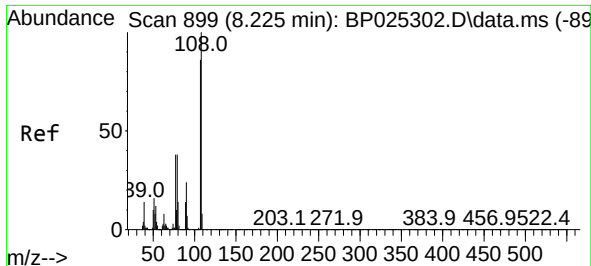
Tgt Ion: 79 Resp: 148271
Ion Ratio Lower Upper
79 100
108 83.3 64.5 96.7
77 62.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.222 ng
RT: 8.313 min Scan# 914
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion: 45 Resp: 246378
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.0
79 10.9 0.0 29.8

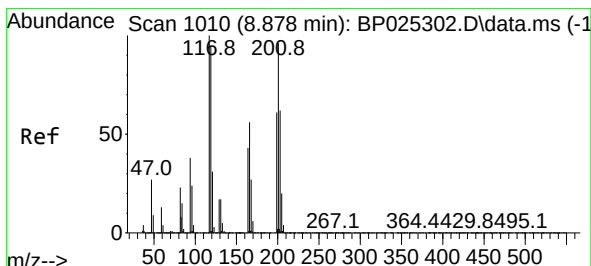
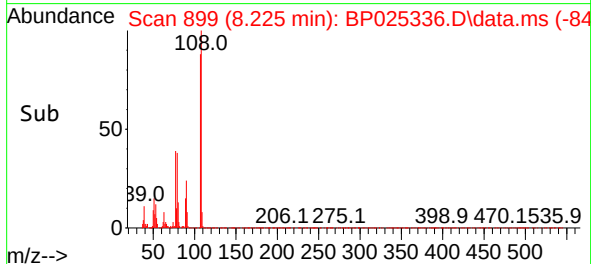
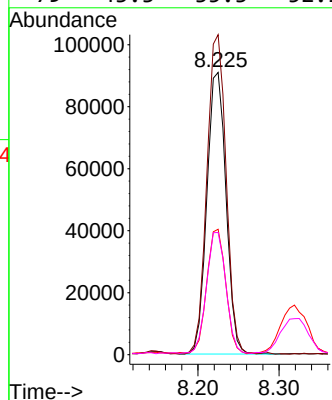
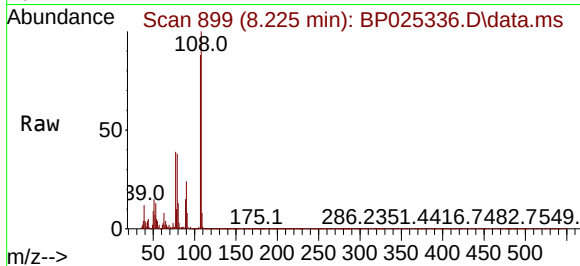




#17
2-Methylphenol
Concen: 8.058 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

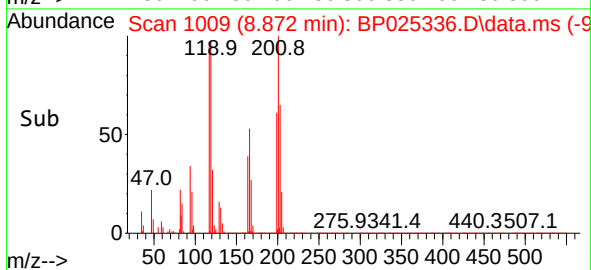
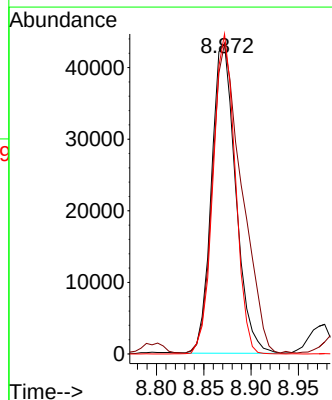
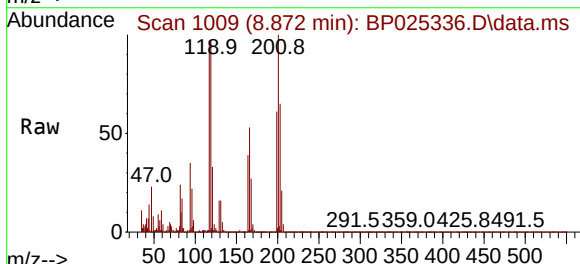
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

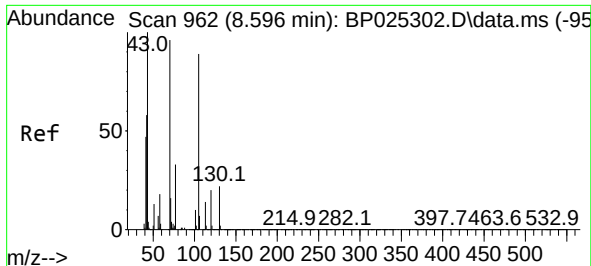
Tgt Ion:	107	Resp:	148609
Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.6	139.0
77	44.5	35.4	53.2
79	43.3	35.3	52.9



#18
Hexachloroethane
Concen: 8.834 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:	117	Resp:	76942
Ion	Ratio	Lower	Upper
117	100		
119	100.0	75.8	113.8
201	103.1	76.6	114.8

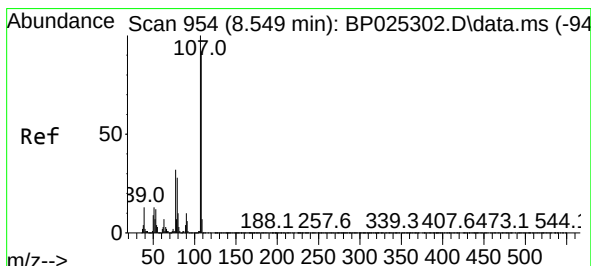
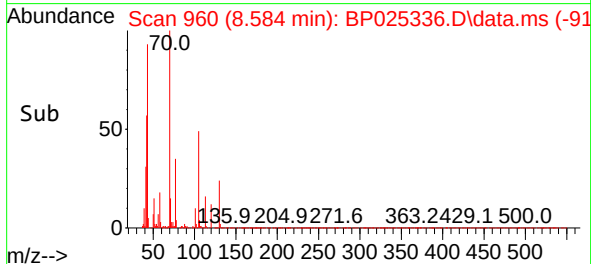
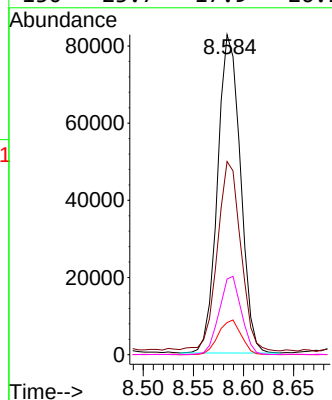
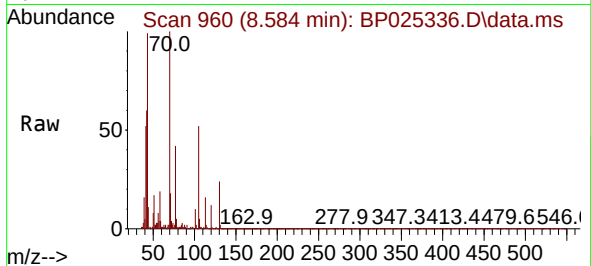




#19
n-Nitroso-di-n-propylamine
Concen: 7.716 ng
RT: 8.584 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

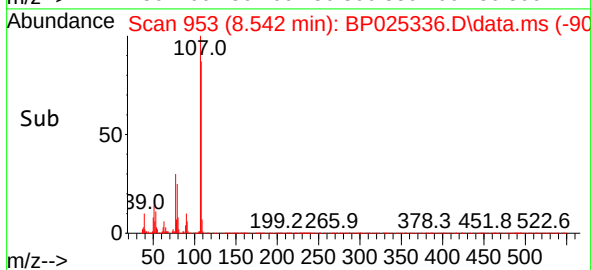
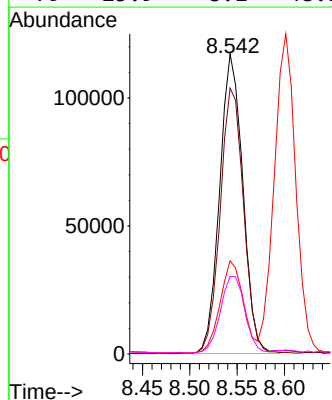
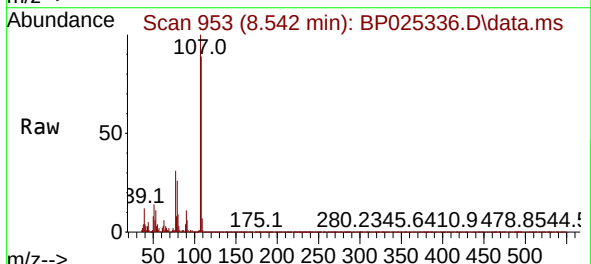
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

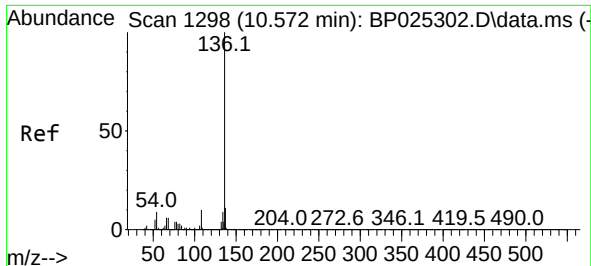
Tgt Ion: 70 Resp: 130581
Ion Ratio Lower Upper
70 100
42 60.3 49.4 74.0
101 10.0 7.9 11.9
130 23.7 17.9 26.9



#20
3+4-Methylphenols
Concen: 7.843 ng
RT: 8.542 min Scan# 953
Delta R.T. -0.007 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion: 107 Resp: 199174
Ion Ratio Lower Upper
107 100
108 88.7 71.9 111.9
77 31.1 12.0 52.0
79 25.9 8.1 48.1



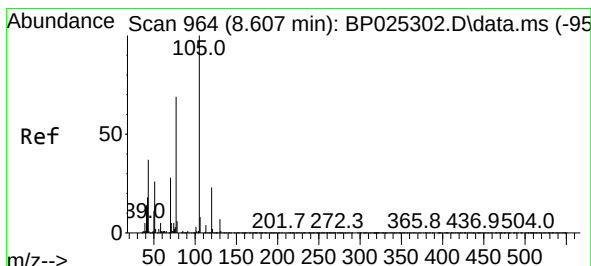
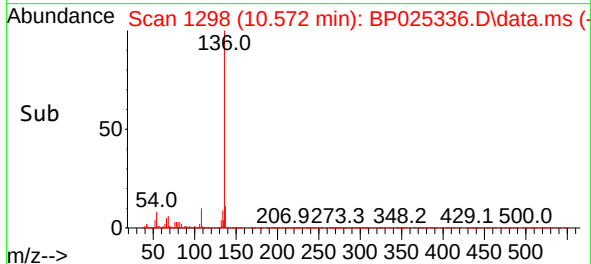
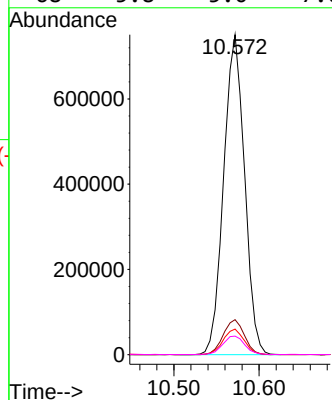
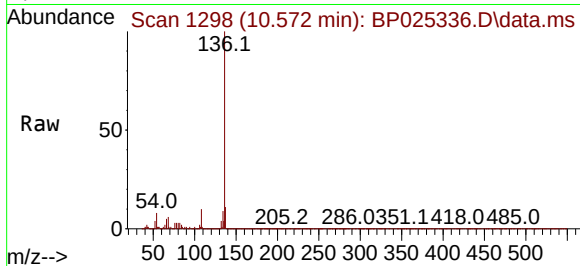


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Instrument :
BNA_P
ClientSampleId :
TP-4MSD

Tgt Ion:136 Resp: 1276622

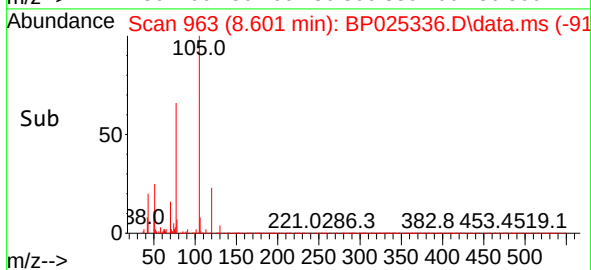
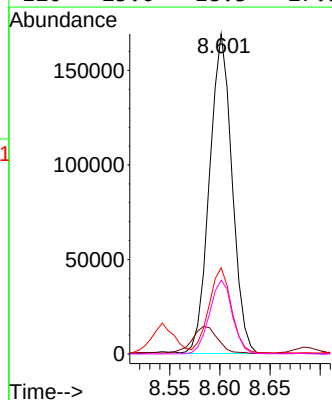
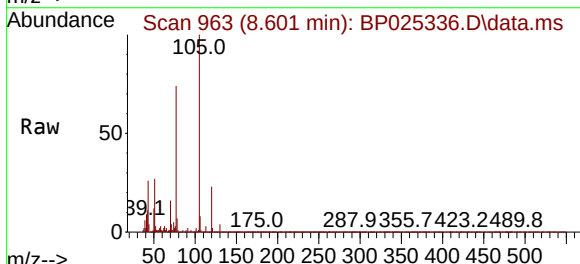
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	7.0	10.6
68	5.8	5.0	7.6

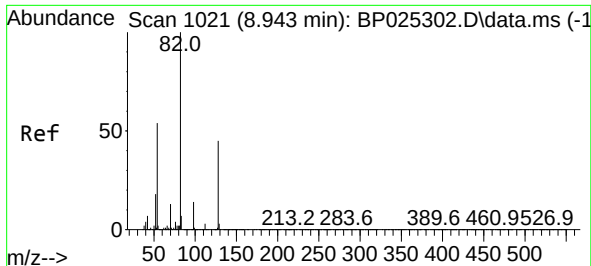


#22
Acetophenone
Concen: 8.245 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:105 Resp: 264234

Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.1	6.1
51	26.9	22.7	34.1
120	23.0	18.3	27.5

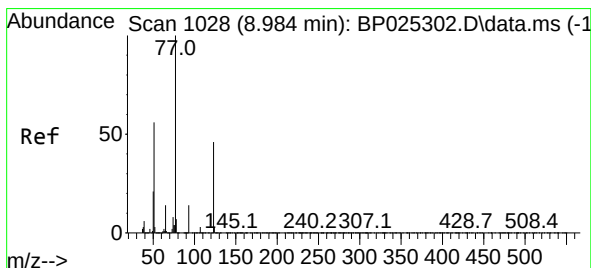
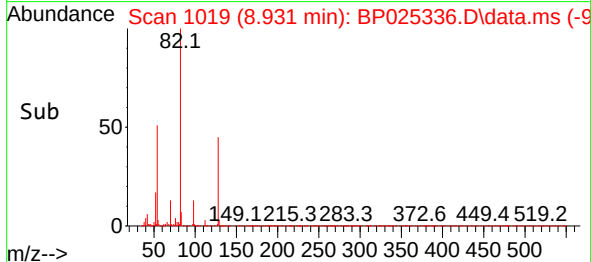
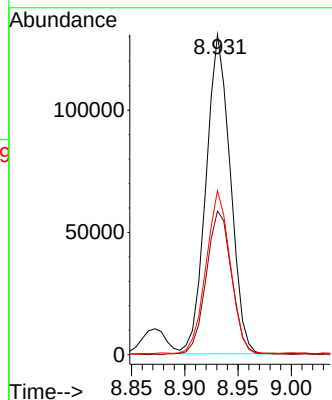
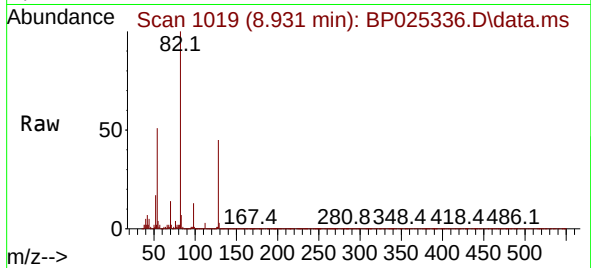




#23
Nitrobenzene-d5
Concen: 8.992 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

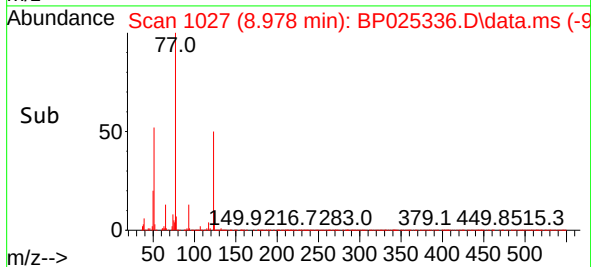
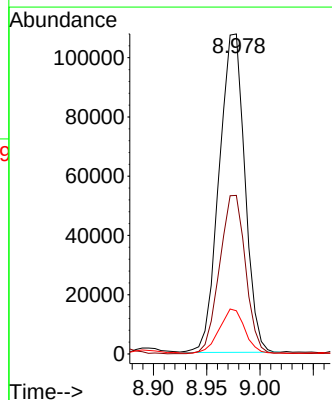
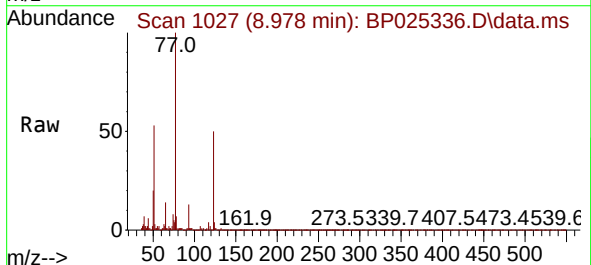
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

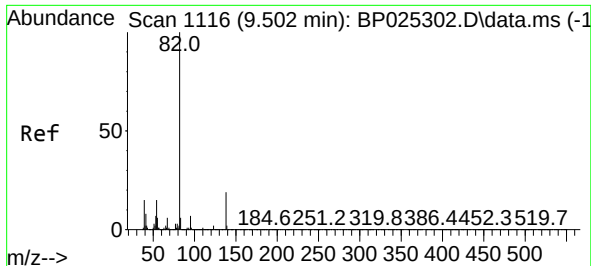
Tgt Ion: 82 Resp: 207211
Ion Ratio Lower Upper
82 100
128 44.9 35.4 53.2
54 51.3 42.9 64.3



#24
Nitrobenzene
Concen: 8.284 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion: 77 Resp: 180693
Ion Ratio Lower Upper
77 100
123 49.5 37.4 56.2
65 13.5 11.1 16.7

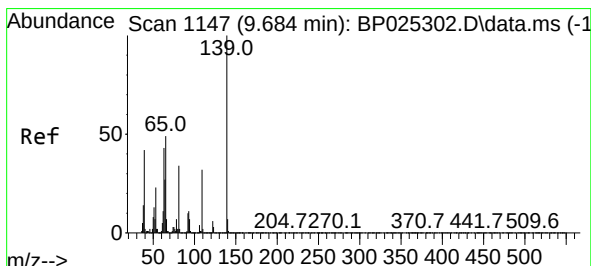
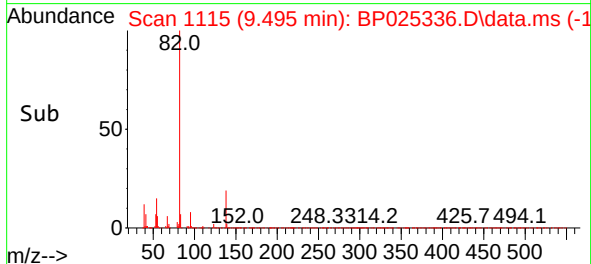
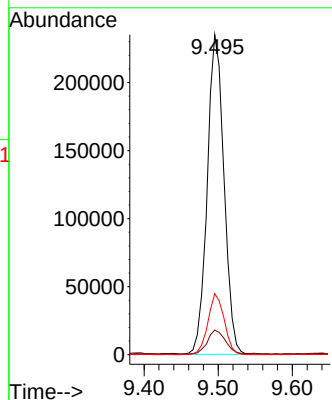
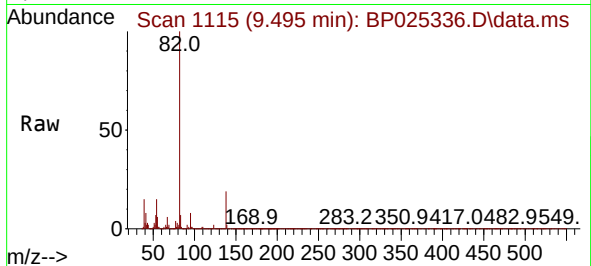




#25
Isophorone
Concen: 8.050 ng
RT: 9.495 min Scan# 1116
Delta R.T. -0.007 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

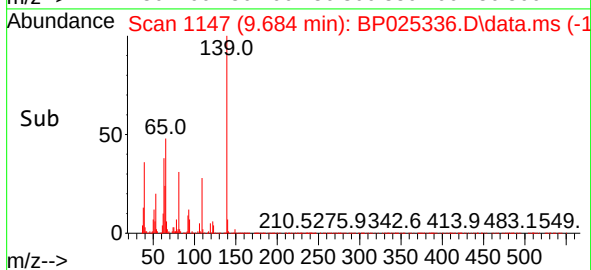
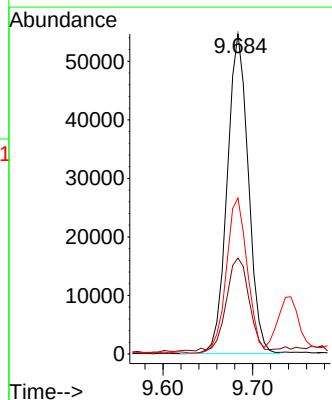
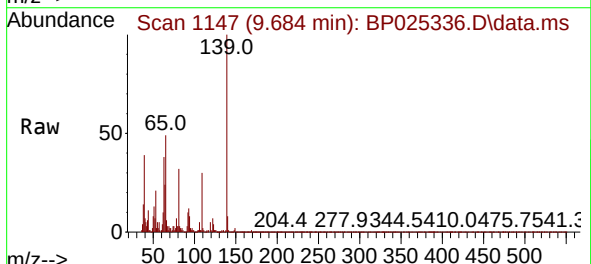
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

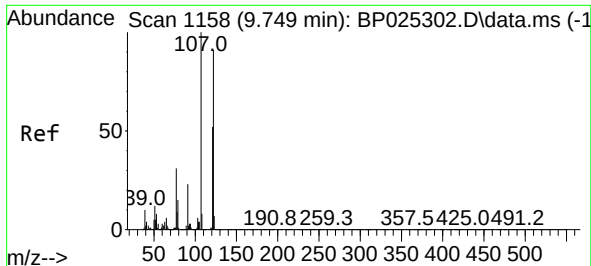
Tgt Ion: 82 Resp: 369259
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 19.0 15.0 22.6



#26
2-Nitrophenol
Concen: 12.329 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion: 139 Resp: 89348
Ion Ratio Lower Upper
139 100
109 30.0 25.2 37.8
65 48.7 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 8.188 ng

RT: 9.742 min Scan# 1157

Delta R.T. -0.007 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

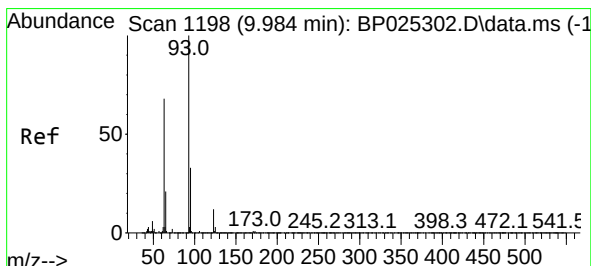
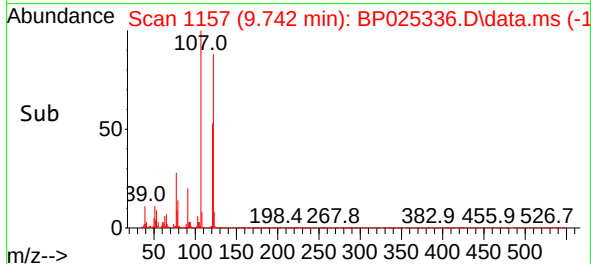
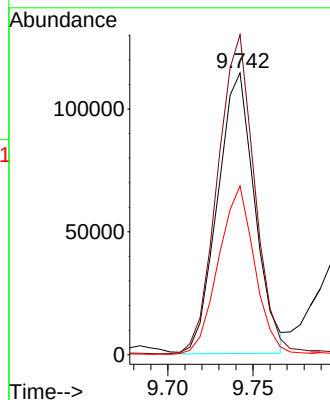
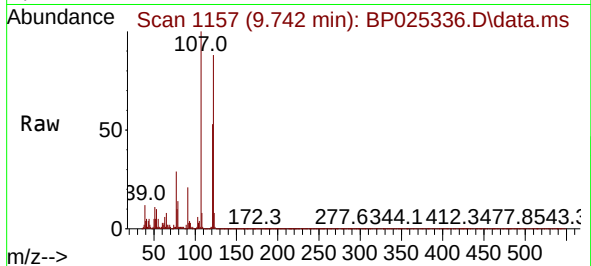
Tgt Ion:122 Resp: 173151

Ion Ratio Lower Upper

122 100

107 113.6 87.4 131.0

121 59.9 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 8.246 ng

RT: 9.978 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

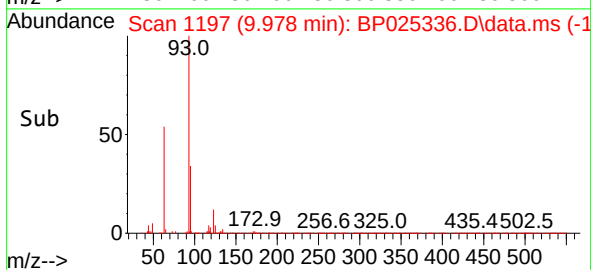
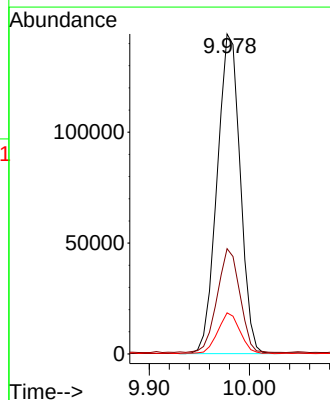
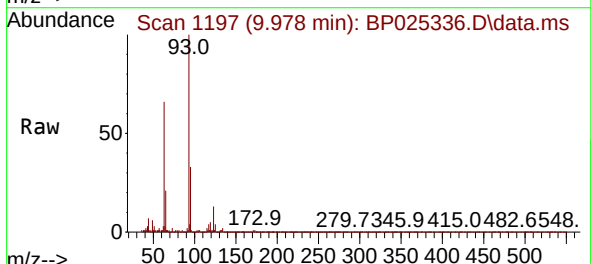
Tgt Ion: 93 Resp: 230092

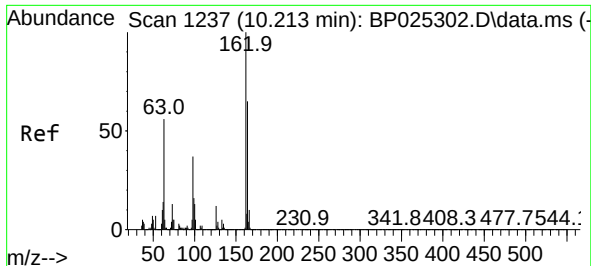
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 12.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 8.990 ng

RT: 10.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

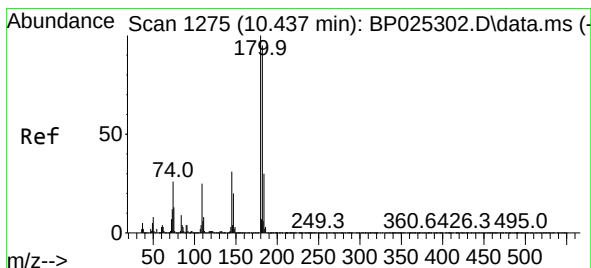
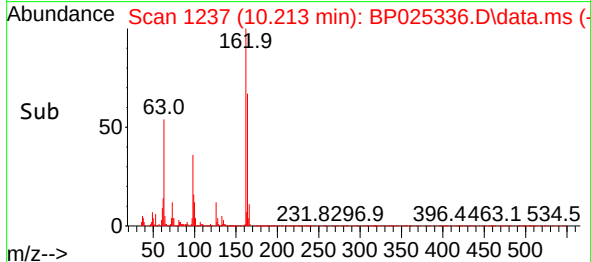
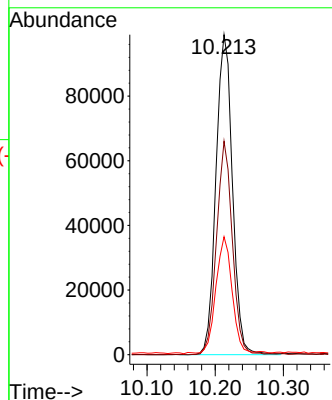
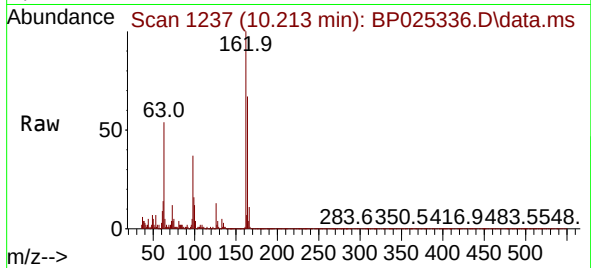
Tgt Ion:162 Resp: 166452

Ion Ratio Lower Upper

162 100

164 66.7 45.2 85.2

98 36.8 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 8.601 ng

RT: 10.431 min Scan# 1274

Delta R.T. -0.006 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

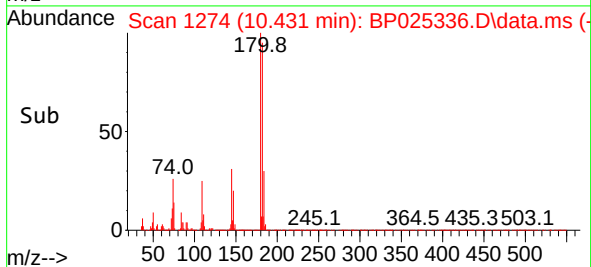
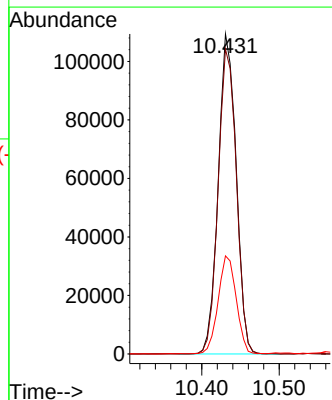
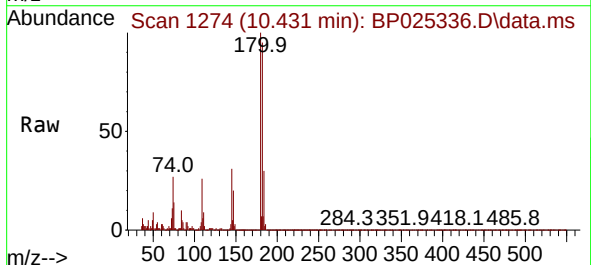
Tgt Ion:180 Resp: 175682

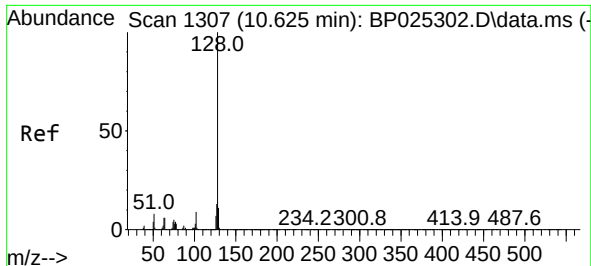
Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.8

145 30.6 25.0 37.4

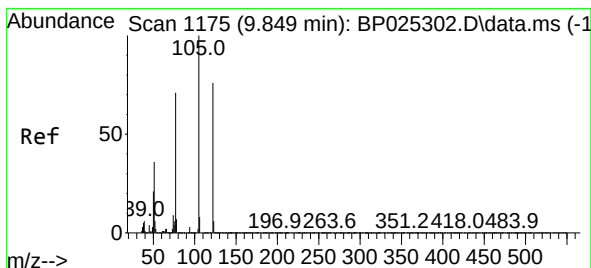
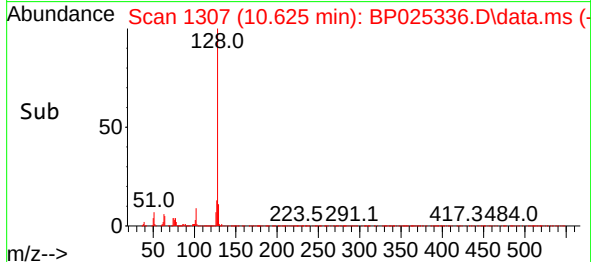
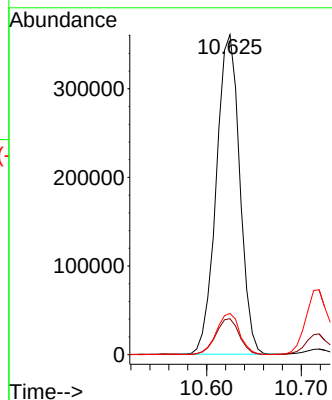
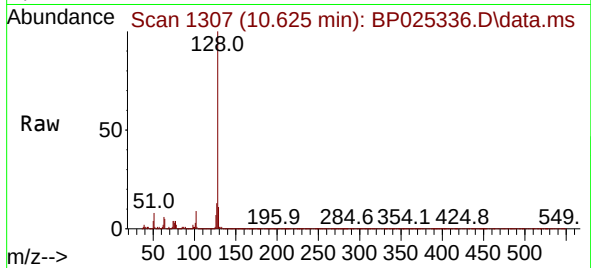




#31
Naphthalene
Concen: 9.351 ng
RT: 10.625 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

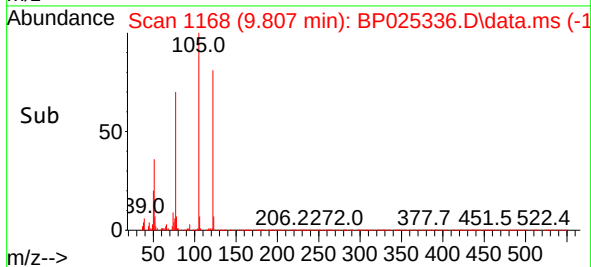
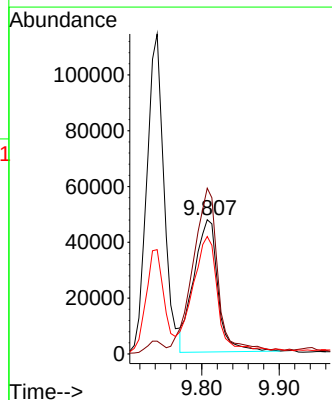
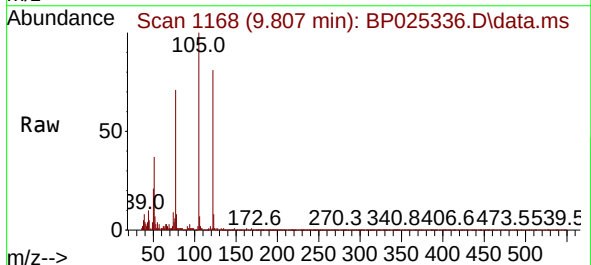
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

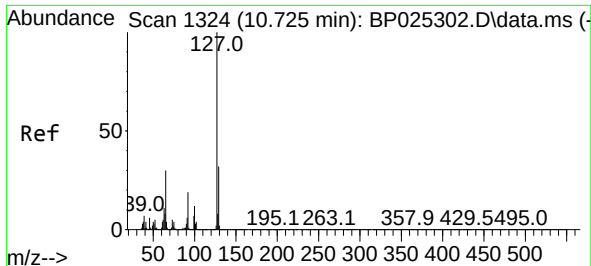
Tgt Ion:128 Resp: 619738
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 15.121 ng
RT: 9.807 min Scan# 1168
Delta R.T. -0.042 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:122 Resp: 102430
Ion Ratio Lower Upper
122 100
105 123.4 104.0 144.0
77 87.5 71.8 111.8

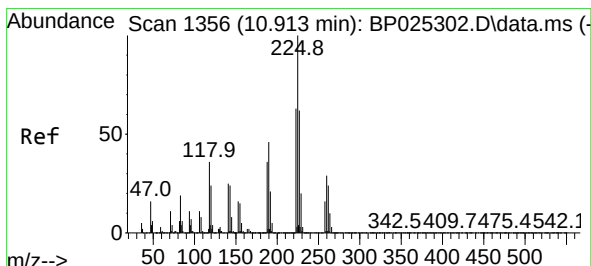
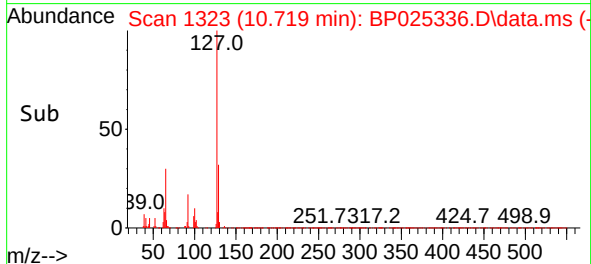
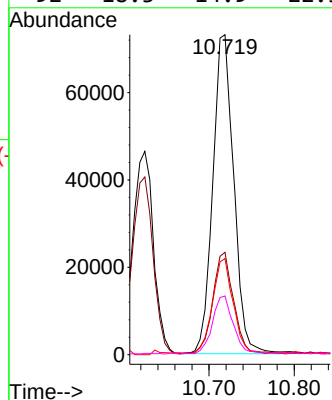
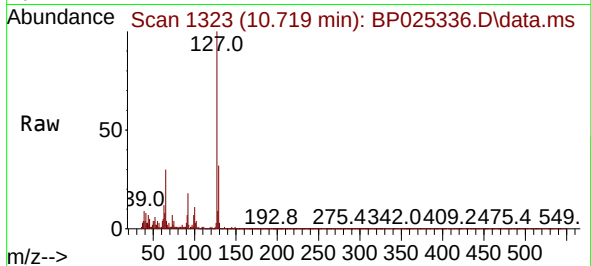




#33
4-Chloroaniline
Concen: 4.235 ng
RT: 10.719 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

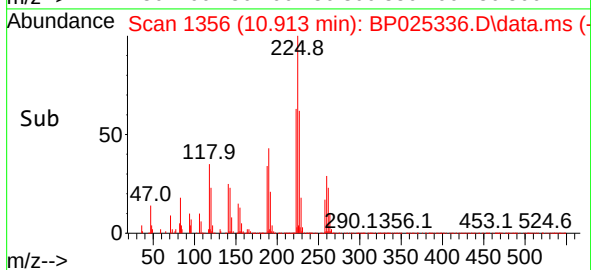
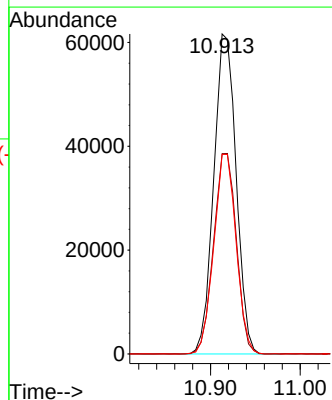
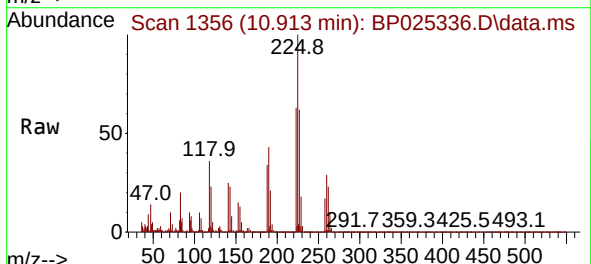
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

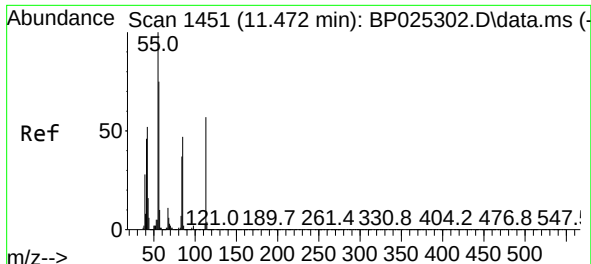
Tgt	Ion:127	Resp:	124822
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	30.0	23.6	35.4
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 9.105 ng
RT: 10.913 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:225	Resp: 106757		
Ion Ratio	Lower	Upper	
225 100			
223 62.6	50.3	75.5	
227 62.4	49.7	74.5	

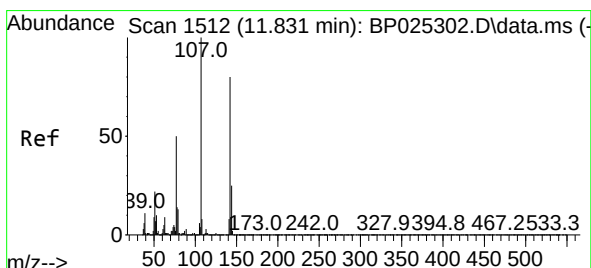
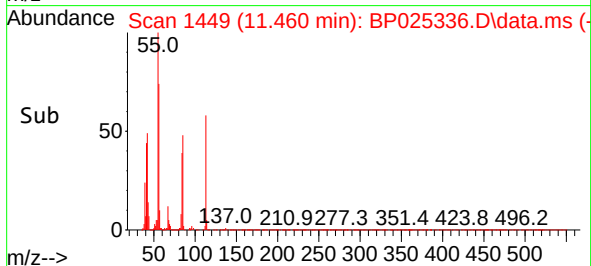
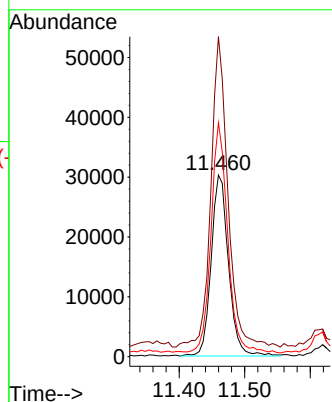
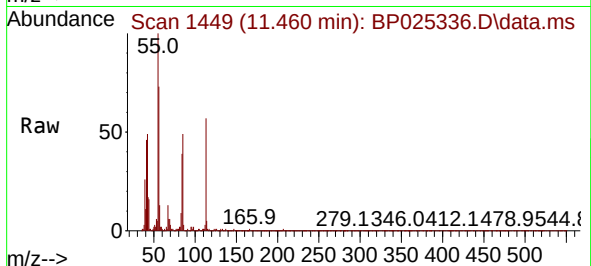




#35
Caprolactam
Concen: 7.744 ng
RT: 11.460 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

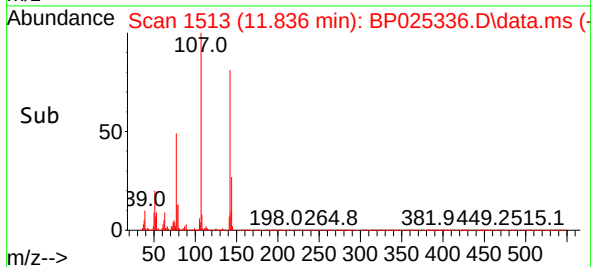
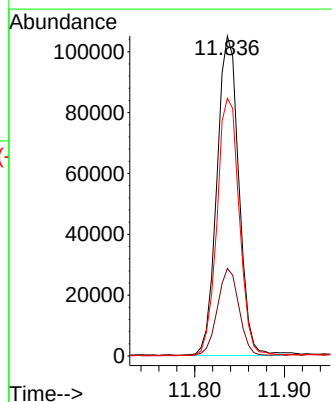
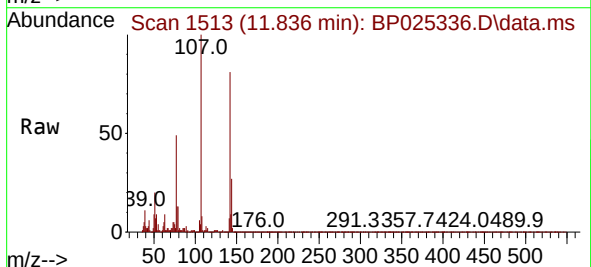
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

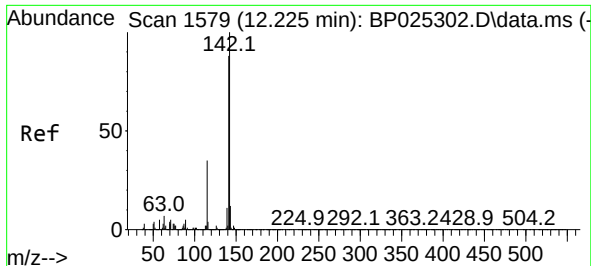
Tgt Ion:113 Resp: 55620
Ion Ratio Lower Upper
113 100
55 176.2 154.4 194.4
56 128.8 110.9 150.9



#36
4-Chloro-3-methylphenol
Concen: 8.324 ng
RT: 11.836 min Scan# 1513
Delta R.T. 0.005 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:107 Resp: 178331
Ion Ratio Lower Upper
107 100
144 27.4 20.4 30.6
142 80.5 63.7 95.5

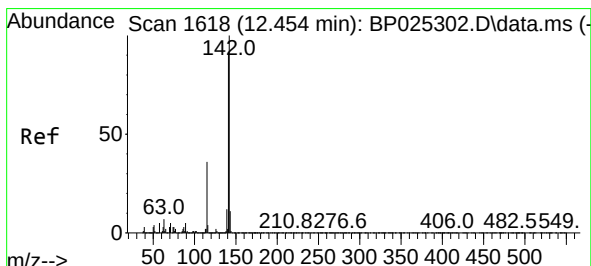
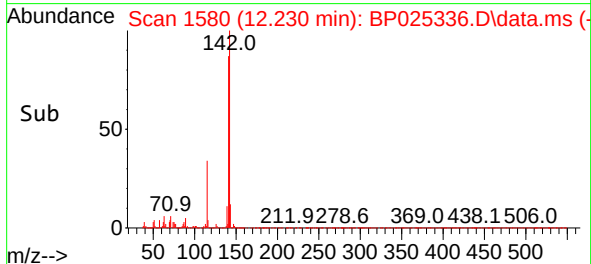
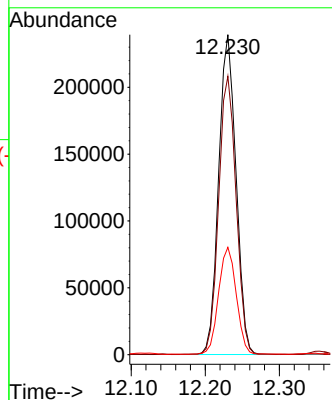
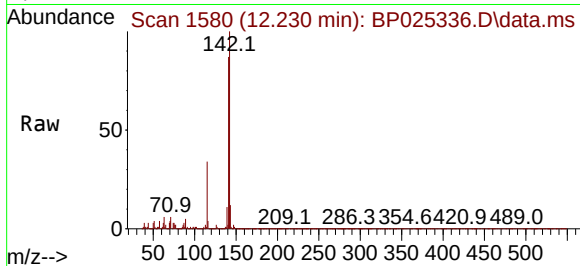




#37
2-Methylnaphthalene
Concen: 9.070 ng
RT: 12.230 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

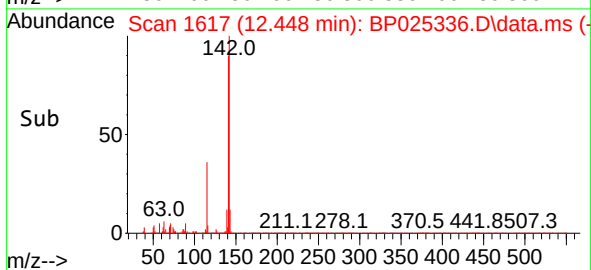
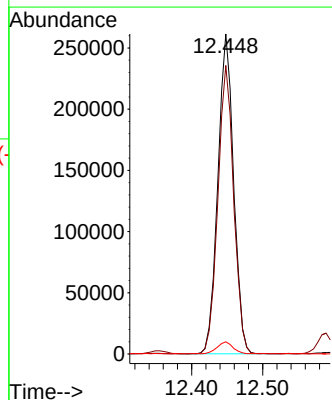
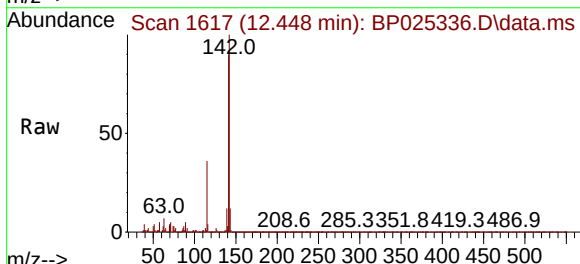
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

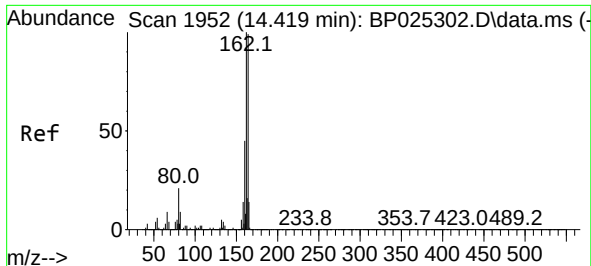
Tgt Ion:142 Resp: 389053
Ion Ratio Lower Upper
142 100
141 87.0 70.4 105.6
115 33.6 28.0 42.0



#38
1-Methylnaphthalene
Concen: 8.971 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:142 Resp: 401507
Ion Ratio Lower Upper
142 100
141 90.1 73.0 109.6
116 3.8 3.0 4.6

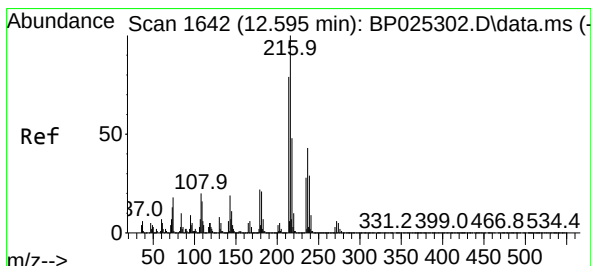
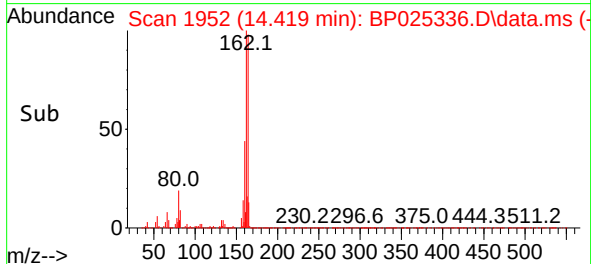
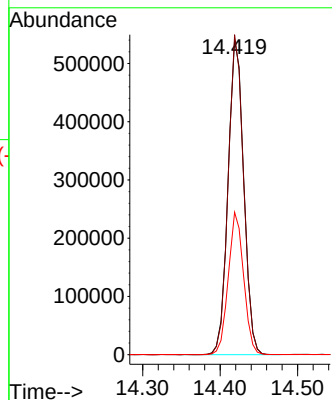
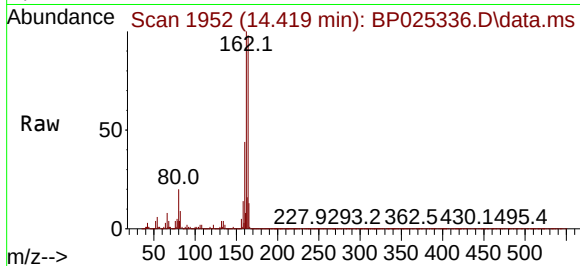




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

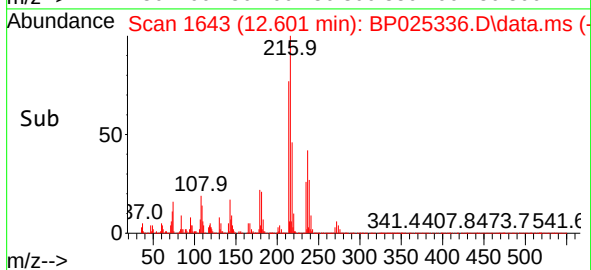
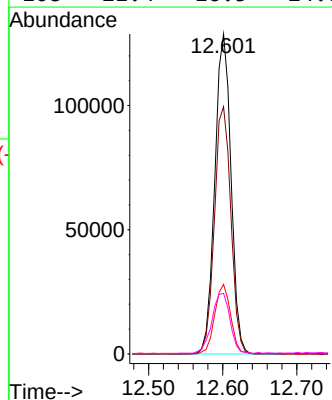
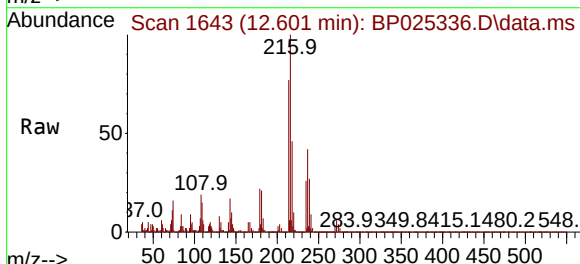
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

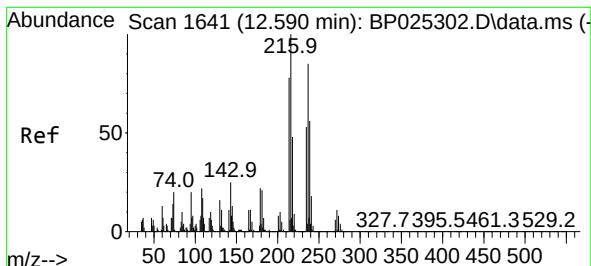
Tgt Ion:164 Resp: 761951
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.355 ng
RT: 12.601 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:216 Resp: 194614
Ion Ratio Lower Upper
216 100
214 78.6 62.4 93.6
179 21.7 17.5 26.3
108 21.4 16.5 24.7





#41

Hexachlorocyclopentadiene

Concen: 13.708 ng

RT: 12.589 min Scan# 1

Delta R.T. -0.001 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

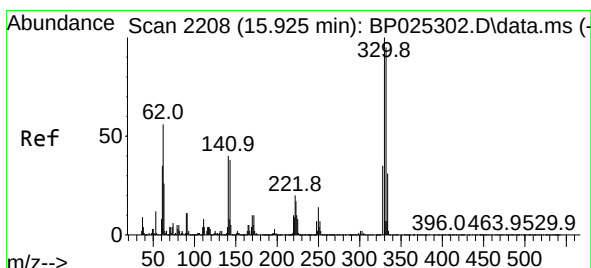
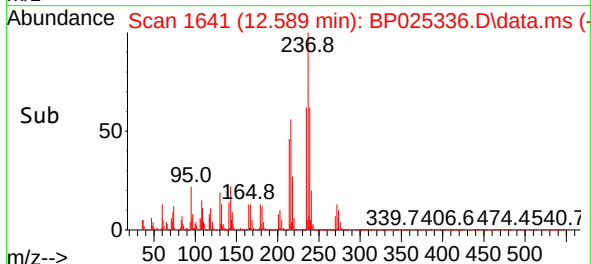
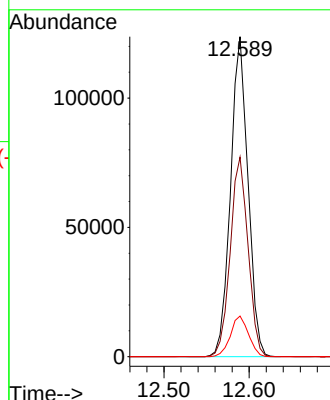
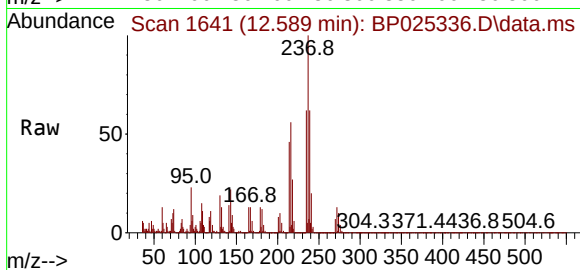
Tgt Ion:237 Resp: 176002

Ion Ratio Lower Upper

237 100

235 62.4 42.2 82.2

272 12.7 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 14.299 ng

RT: 15.924 min Scan# 2208

Delta R.T. -0.001 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

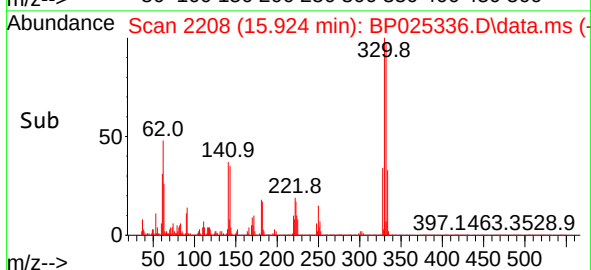
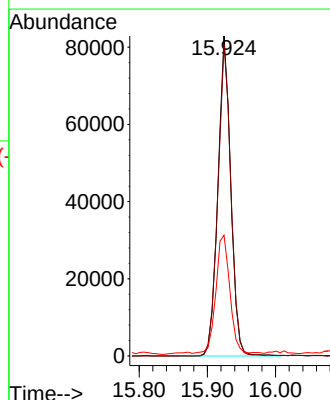
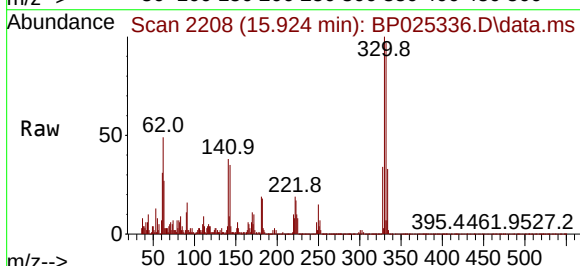
Tgt Ion:330 Resp: 108692

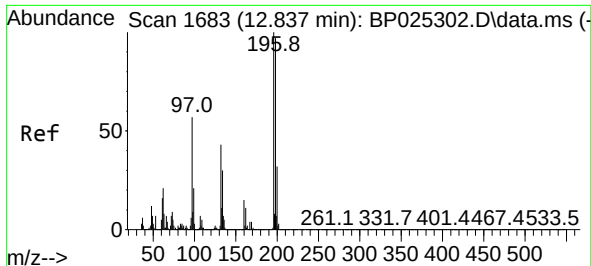
Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.0

141 40.1 31.7 47.5

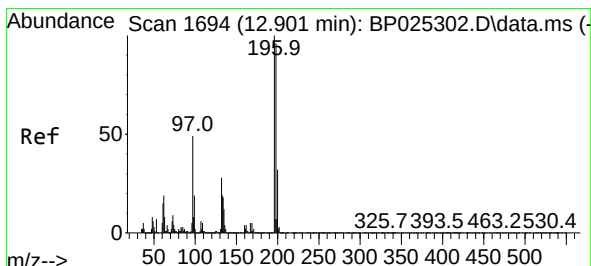
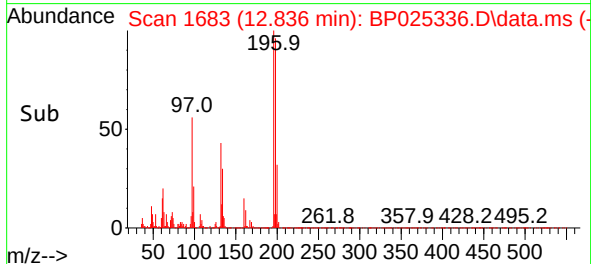
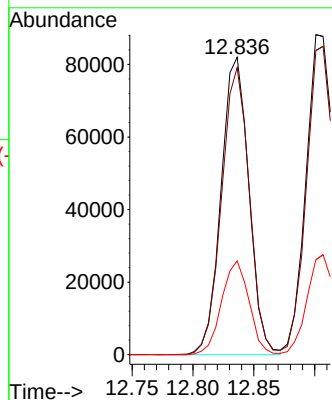
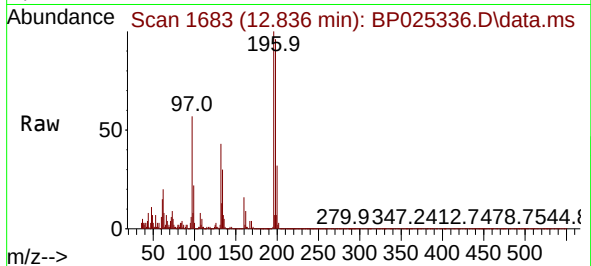




#43
2,4,6-Trichlorophenol
Concen: 9.719 ng
RT: 12.836 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

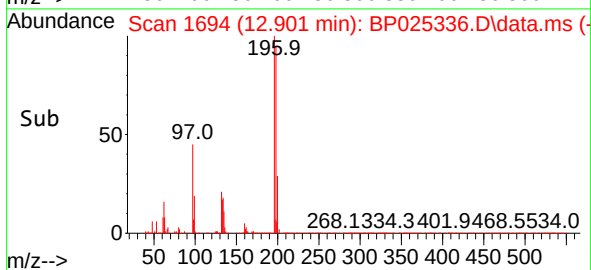
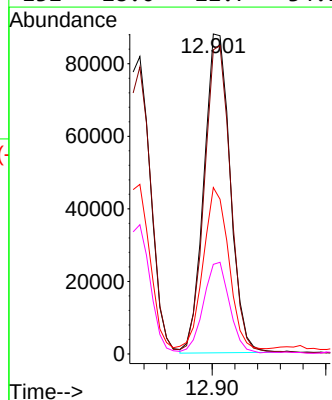
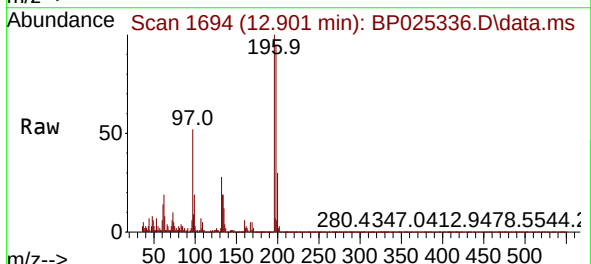
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

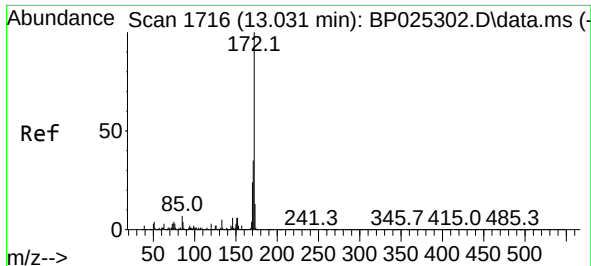
Tgt Ion:196 Resp: 130600
Ion Ratio Lower Upper
196 100
198 96.5 77.3 115.9
200 31.5 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 9.356 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:196 Resp: 141039
Ion Ratio Lower Upper
196 100
198 95.0 76.6 114.8
97 52.0 39.5 59.3
132 28.0 22.7 34.1

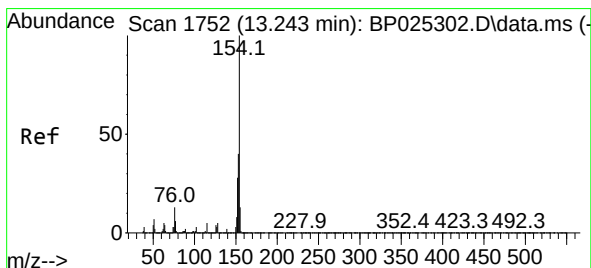
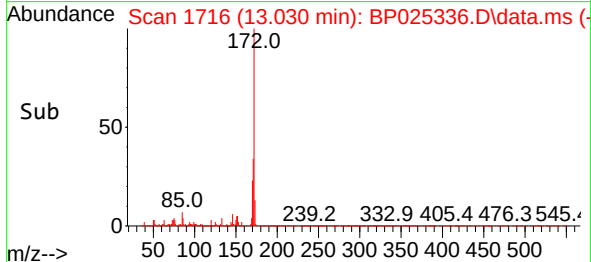
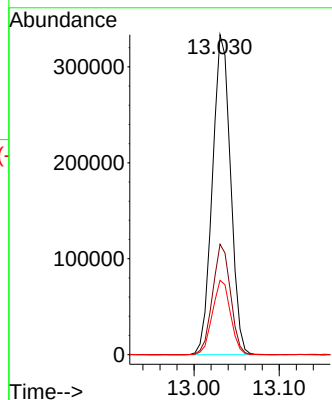
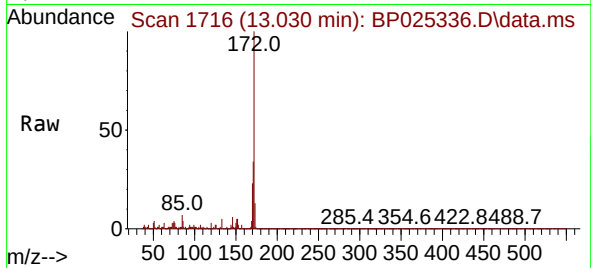




#45
2-Fluorobiphenyl
Concen: 8.960 ng
RT: 13.030 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

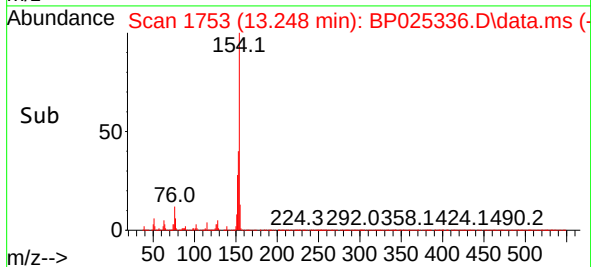
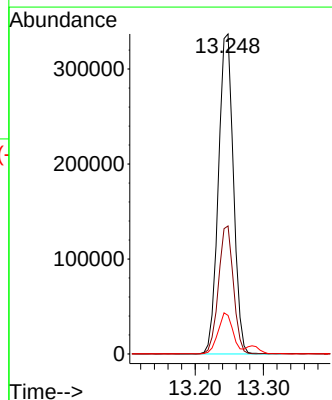
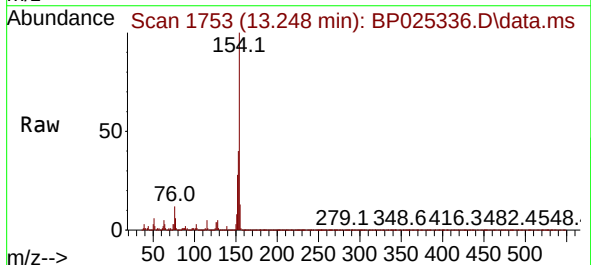
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

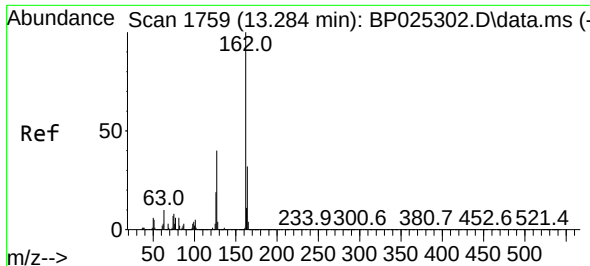
Tgt Ion:172 Resp: 494276
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 9.182 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:154 Resp: 515585
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 12.1 0.0 33.2

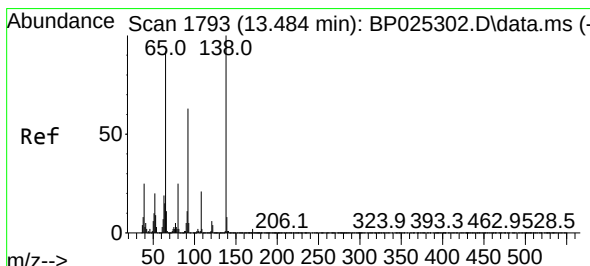
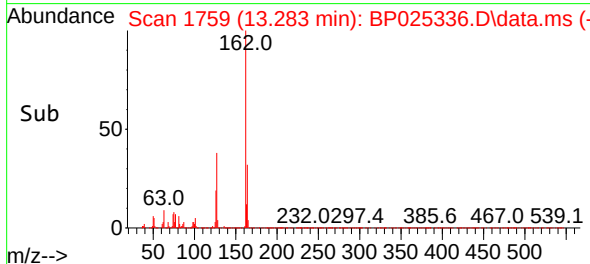
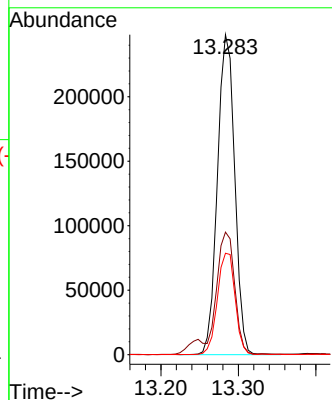
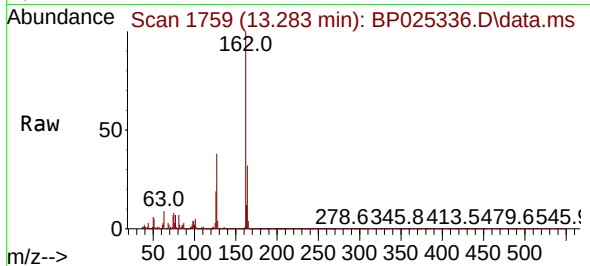




#47
2-Chloronaphthalene
Concen: 8.963 ng
RT: 13.283 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

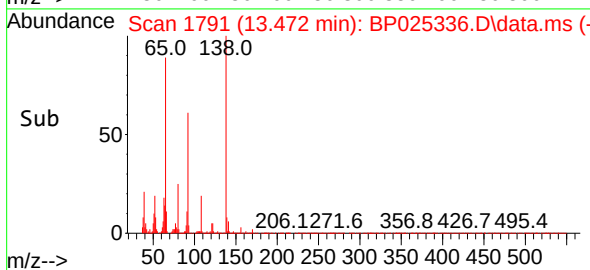
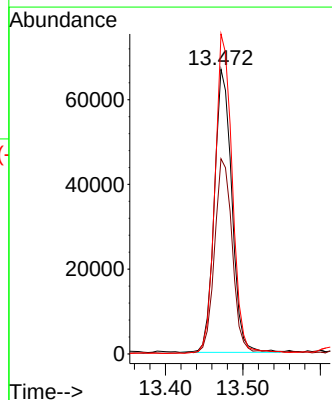
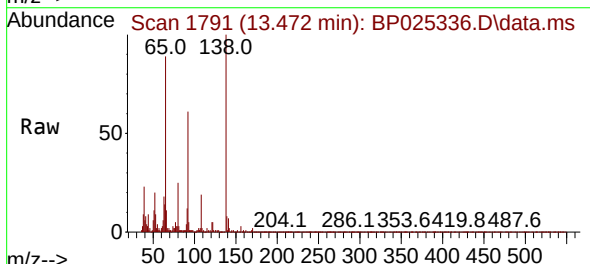
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

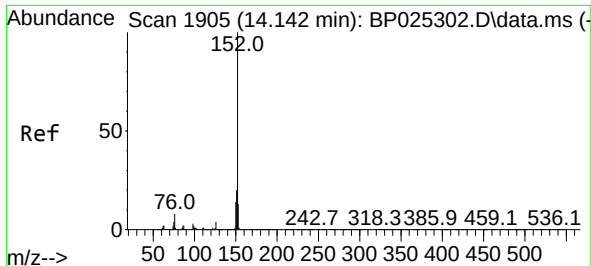
Tgt Ion:162 Resp: 383958
Ion Ratio Lower Upper
162 100
127 38.3 32.2 48.2
164 31.7 25.9 38.9



#48
2-Nitroaniline
Concen: 10.782 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion: 65 Resp: 104567
Ion Ratio Lower Upper
65 100
92 68.6 54.4 81.6
138 112.5 87.0 130.4

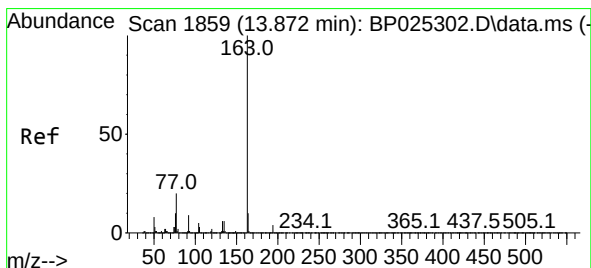
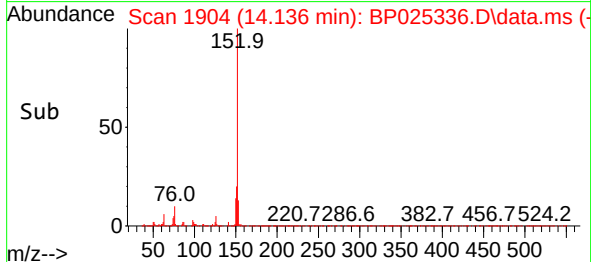
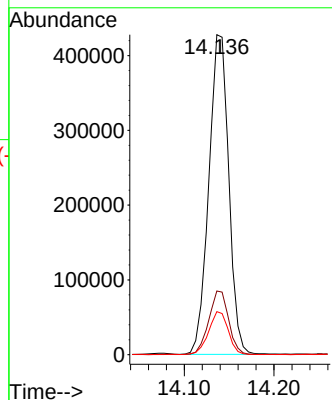
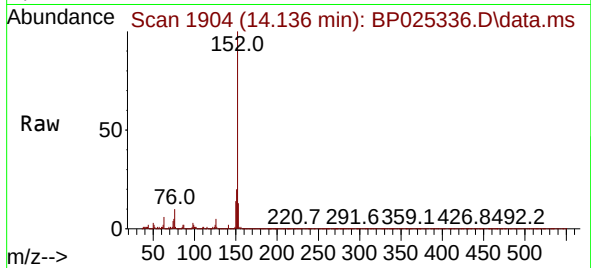




#49
Acenaphthylene
Concen: 9.221 ng
RT: 14.136 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

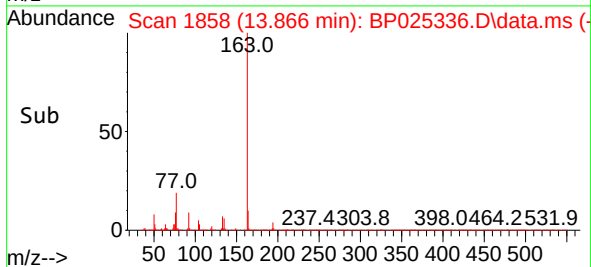
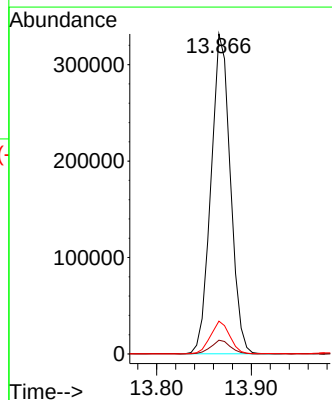
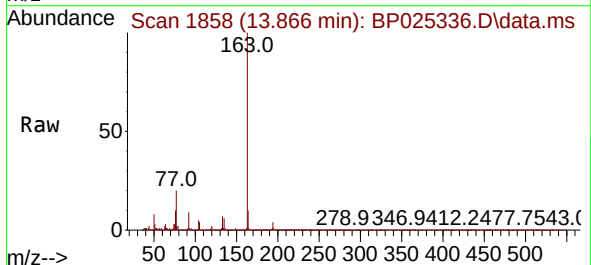
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

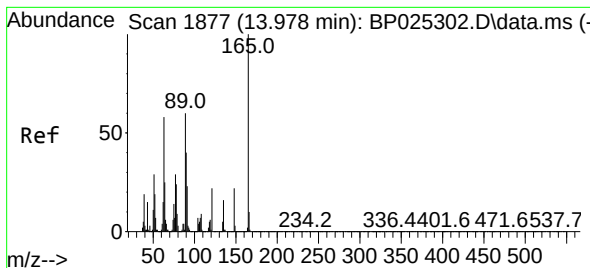
Tgt Ion:152 Resp: 658939
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 8.490 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:163 Resp: 471569
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.0 12.0

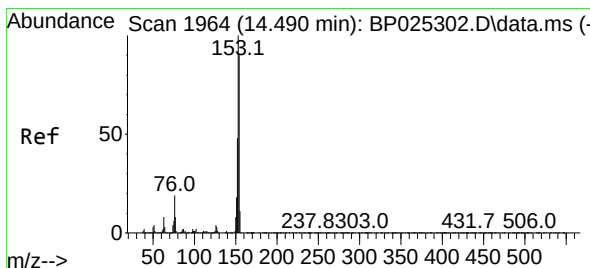
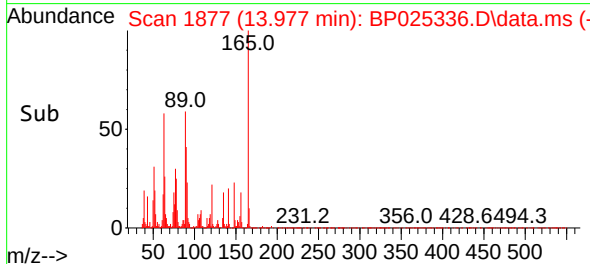
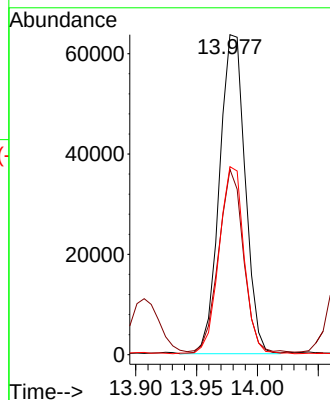
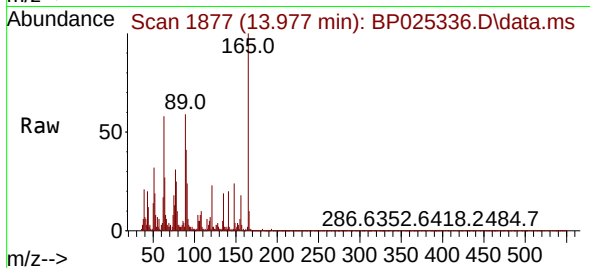




#51
2,6-Dinitrotoluene
Concen: 9.116 ng
RT: 13.977 min Scan# 1877
Delta R.T. -0.001 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

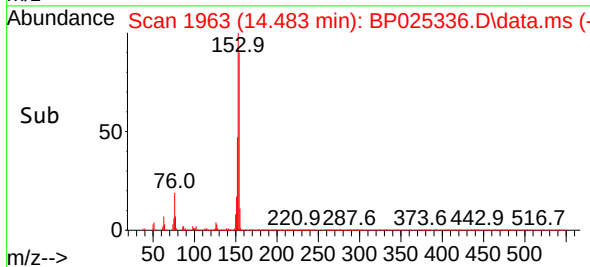
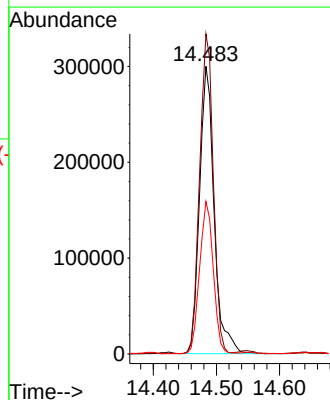
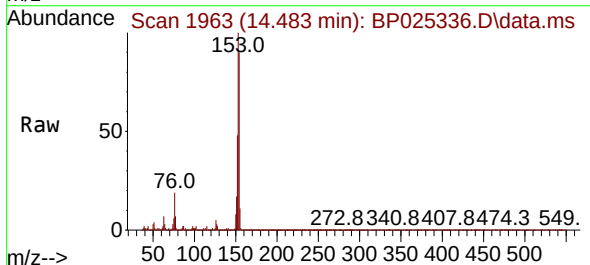
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

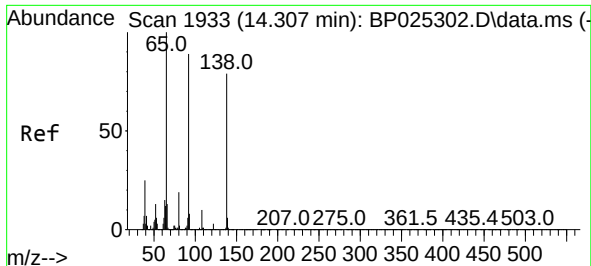
Tgt Ion:165 Resp: 93394
Ion Ratio Lower Upper
165 100
63 57.9 47.6 71.4
89 58.7 47.8 71.8



#52
Acenaphthene
Concen: 11.021 ng
RT: 14.483 min Scan# 1963
Delta R.T. -0.007 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:154 Resp: 480366
Ion Ratio Lower Upper
154 100
153 111.2 89.4 134.0
152 53.0 43.0 64.6

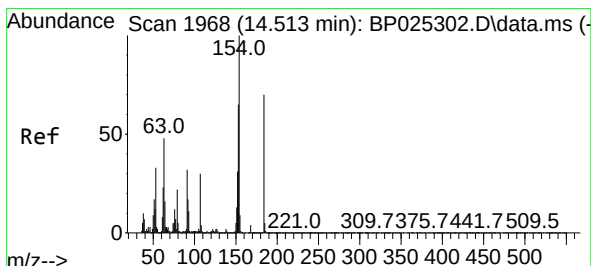
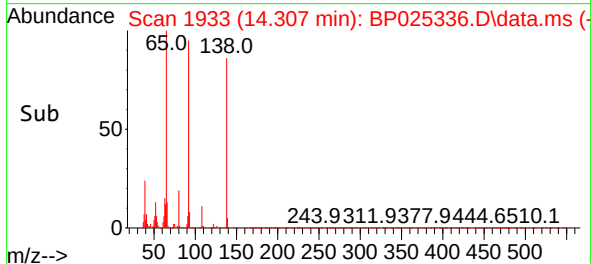
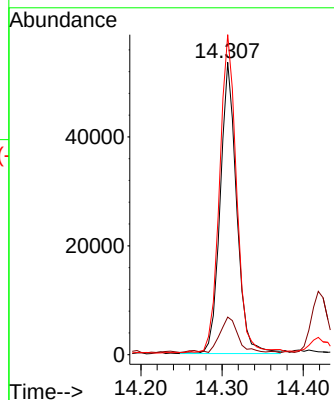
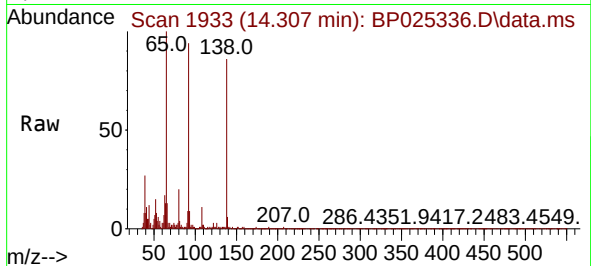




#53
3-Nitroaniline
Concen: 6.301 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

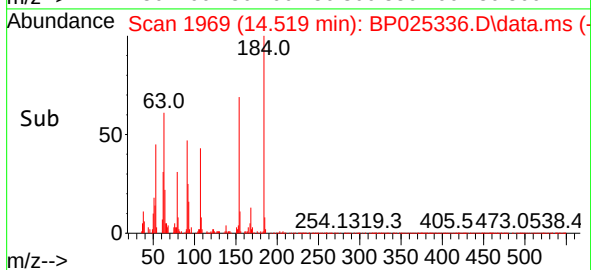
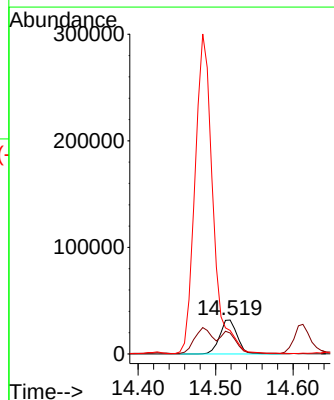
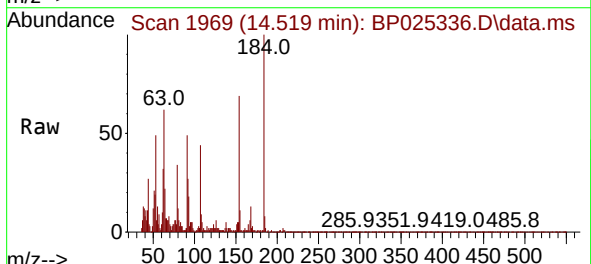
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

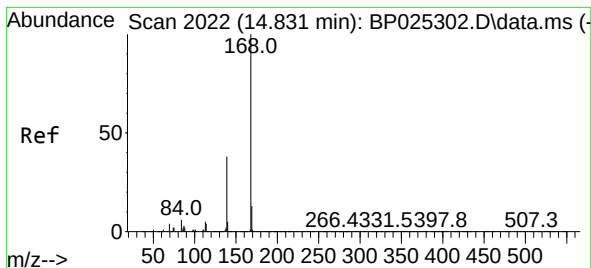
Tgt Ion:138 Resp: 75545
Ion Ratio Lower Upper
138 100
108 12.9 10.5 15.7
92 109.5 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 17.825 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:184 Resp: 49927
Ion Ratio Lower Upper
184 100
63 61.8 56.3 84.5
154 69.3 124.5 186.7#





#55

Dibenzofuran

Concen: 9.528 ng

RT: 14.819 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

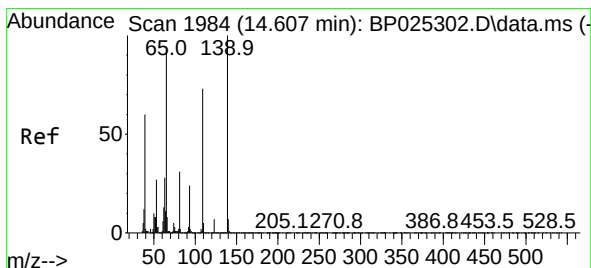
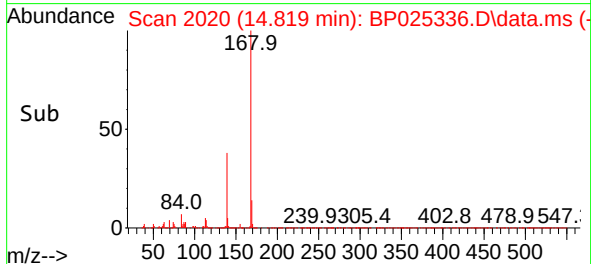
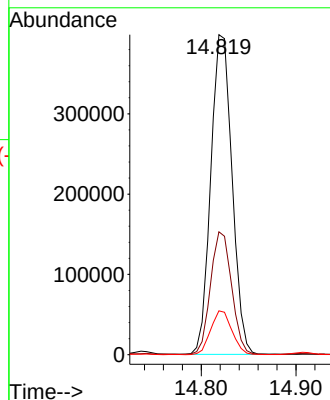
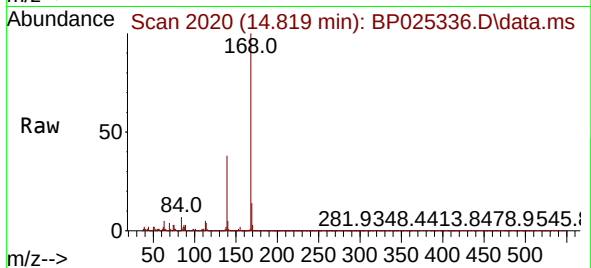
Tgt Ion:168 Resp: 620637

Ion Ratio Lower Upper

168 100

139 38.4 30.5 45.7

169 13.7 10.6 15.8



#56

4-Nitrophenol

Concen: 14.795 ng

RT: 14.613 min Scan# 1985

Delta R.T. 0.006 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

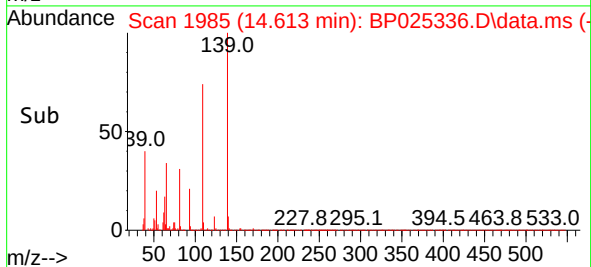
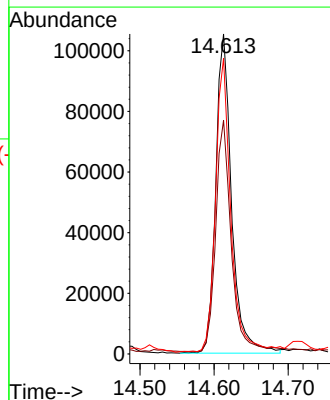
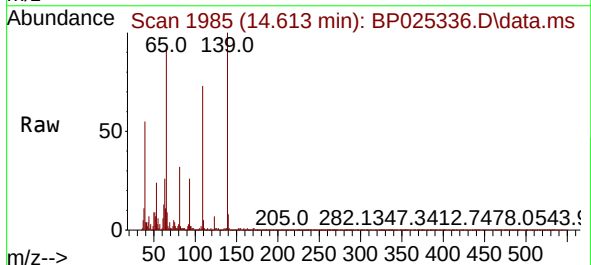
Tgt Ion:139 Resp: 156537

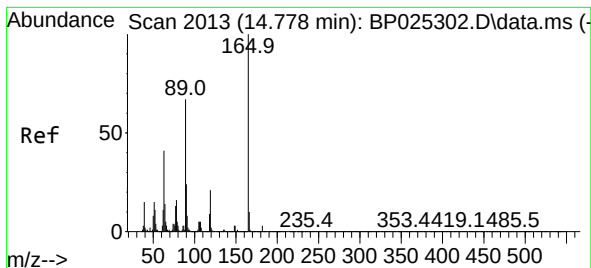
Ion Ratio Lower Upper

139 100

109 73.1 52.7 92.7

65 92.4 73.4 113.4

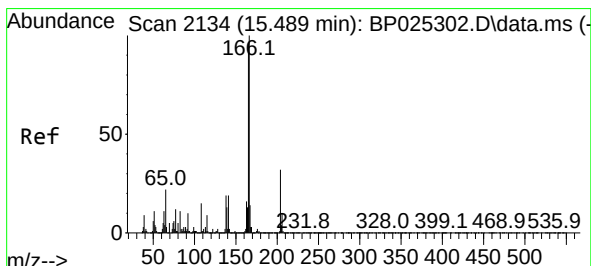
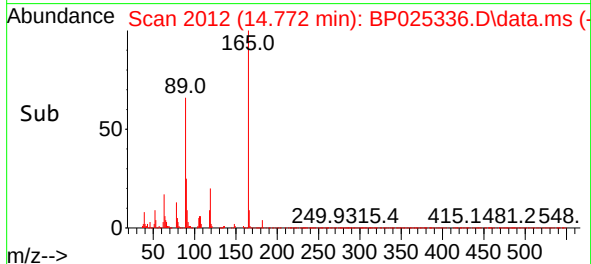
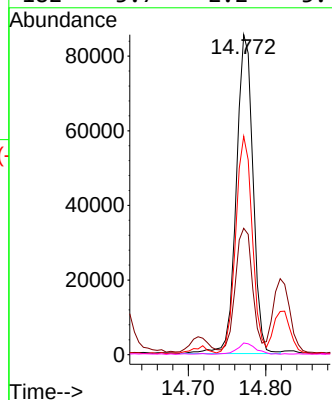
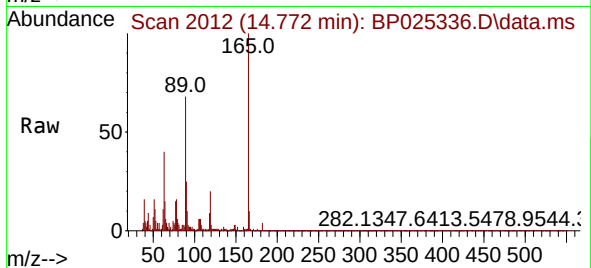




#57
2,4-Dinitrotoluene
Concen: 10.784 ng
RT: 14.772 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

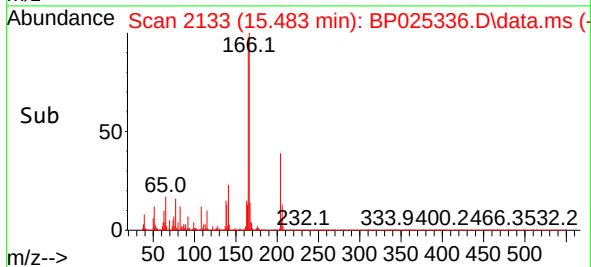
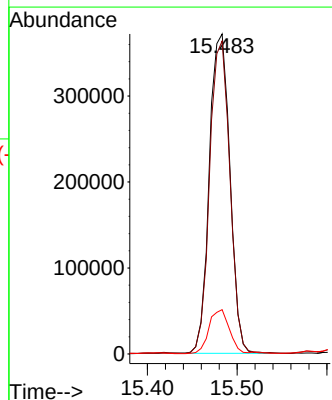
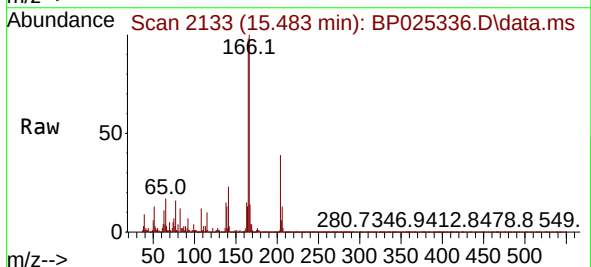
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

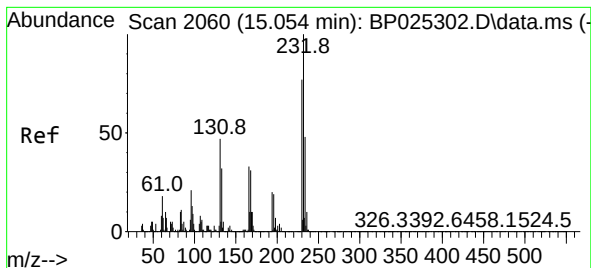
Tgt Ion:165 Resp: 128279
Ion Ratio Lower Upper
165 100
63 39.5 33.2 49.8
89 68.2 53.5 80.3
182 3.7 2.2 3.4#



#58
Fluorene
Concen: 11.531 ng
RT: 15.483 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:166 Resp: 589931
Ion Ratio Lower Upper
166 100
165 97.8 76.7 115.1
167 13.8 10.9 16.3

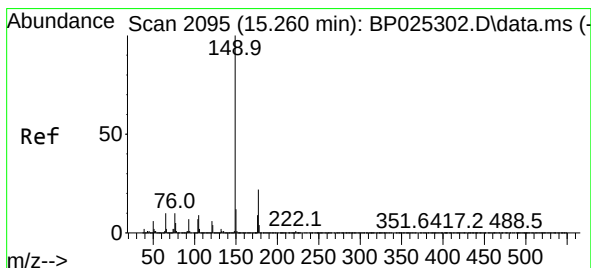
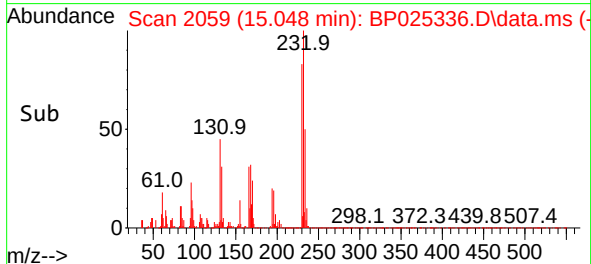
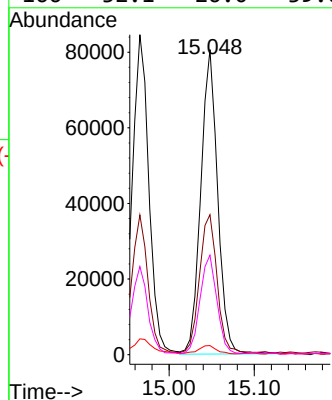
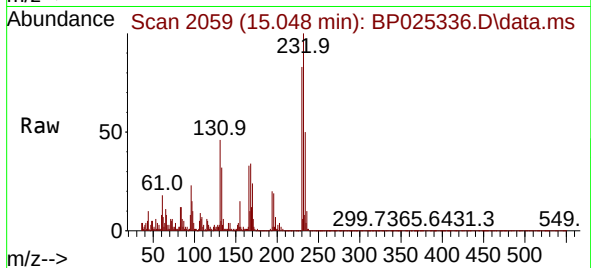




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.813 ng
RT: 15.048 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

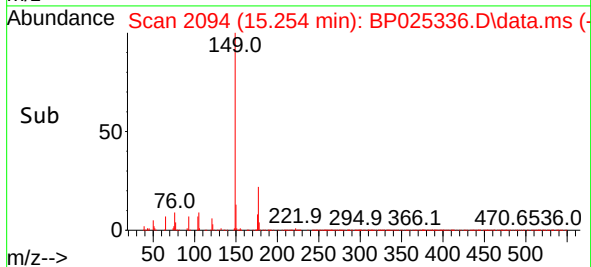
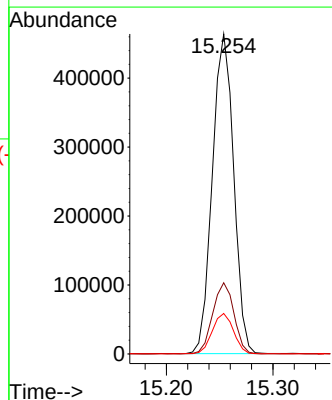
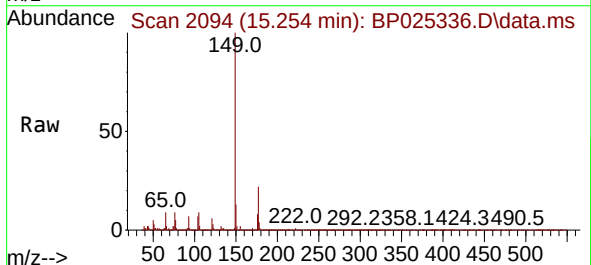
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

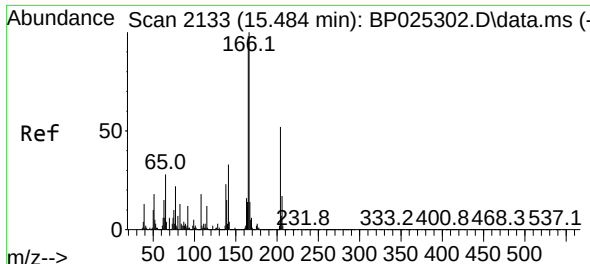
Tgt Ion:232 Resp: 110973
Ion Ratio Lower Upper
232 100
131 46.7 39.3 58.9
130 3.1 2.2 3.2
166 32.1 26.0 39.0



#60
Diethylphthalate
Concen: 11.504 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:149 Resp: 644226
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.6 9.8 14.8

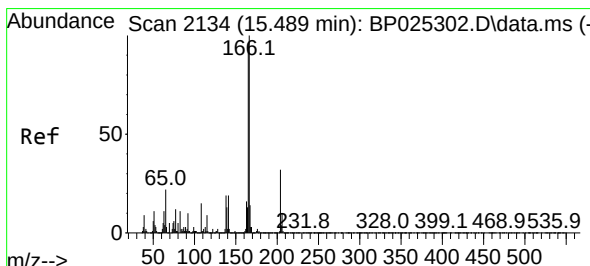
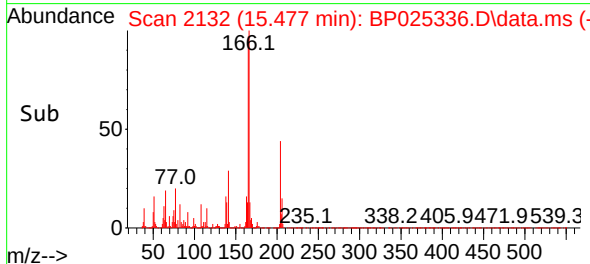
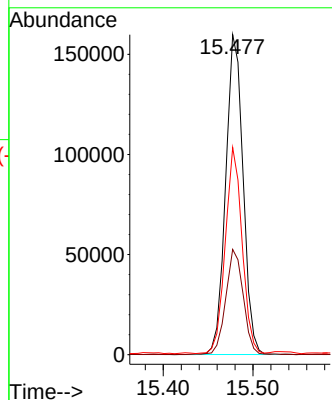
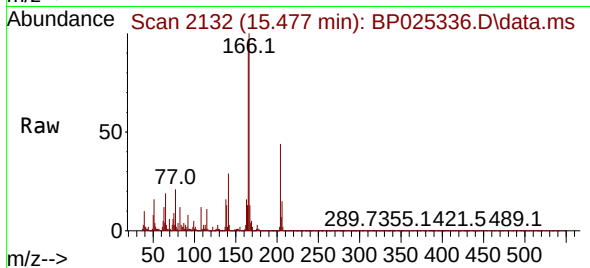




#61
4-Chlorophenyl-phenylether
Concen: 8.862 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

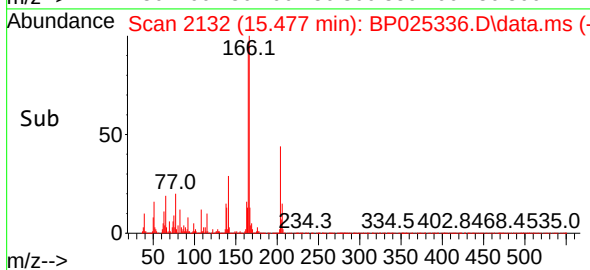
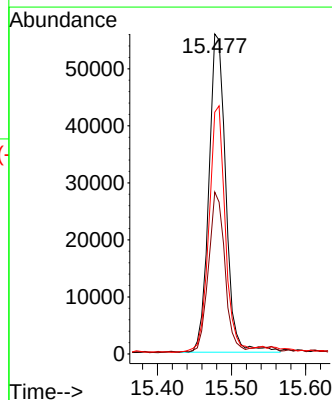
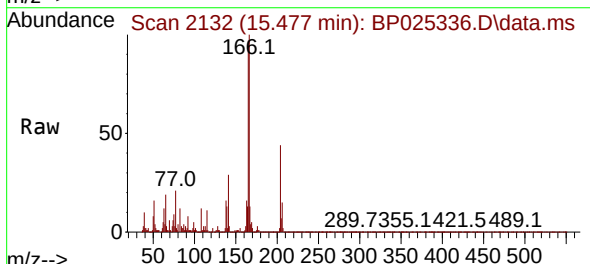
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

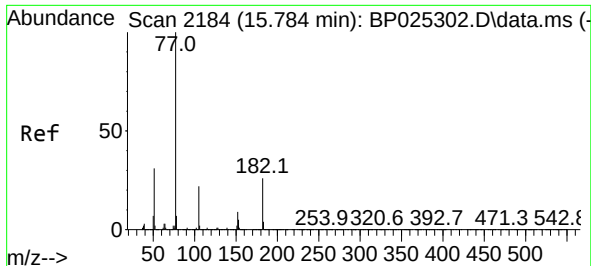
Tgt Ion:204 Resp: 214939
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 64.8 50.3 75.5



#62
4-Nitroaniline
Concen: 7.468 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:138 Resp: 88715
Ion Ratio Lower Upper
138 100
92 50.6 29.8 69.8
108 75.5 56.6 96.6

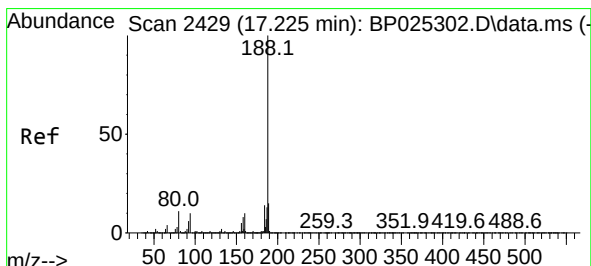
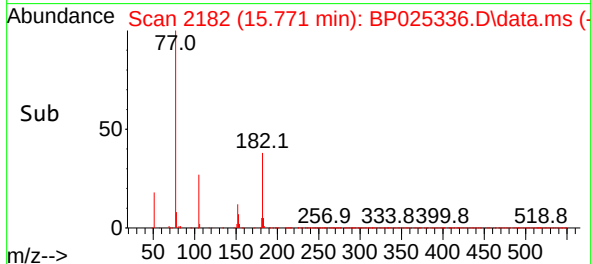
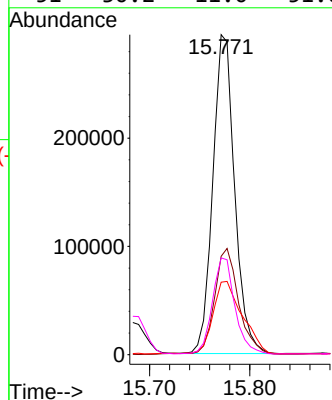
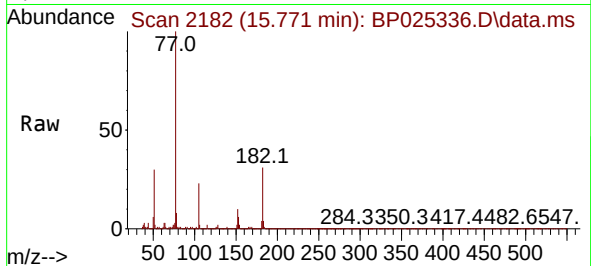




#63
Azobenzene
Concen: 8.563 ng
RT: 15.771 min Scan# 2182
Delta R.T. -0.013 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

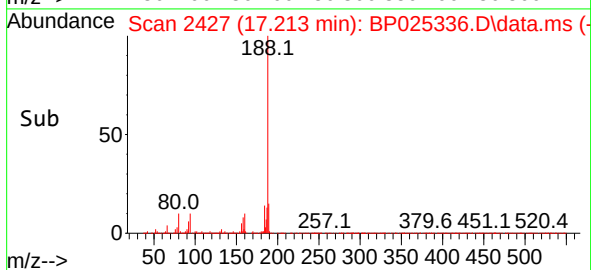
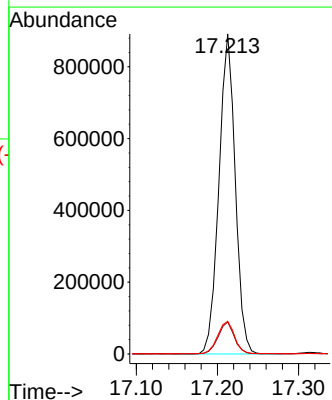
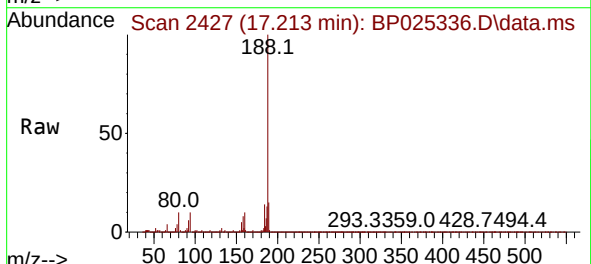
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

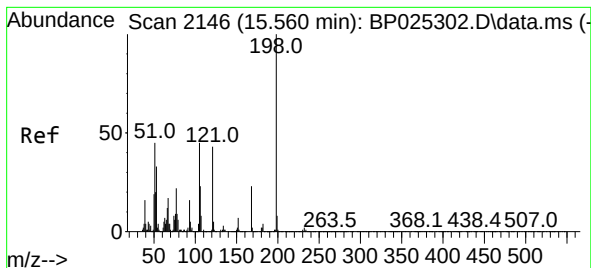
Tgt Ion: 77	Resp: 445497
Ion Ratio	Lower Upper
77 100	
182 30.8	6.0 46.0
105 22.6	2.1 42.1
51 30.2	11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt	Ion:188	Resp:	1245696
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.2	8.5	12.7

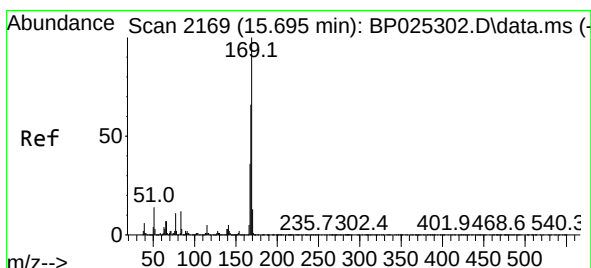
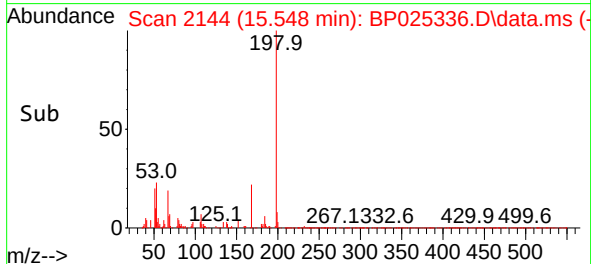
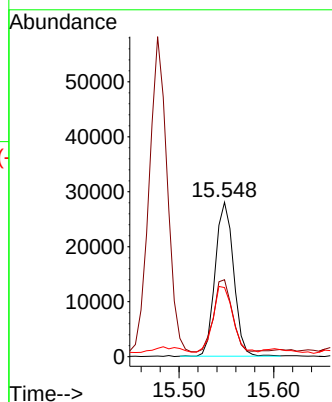
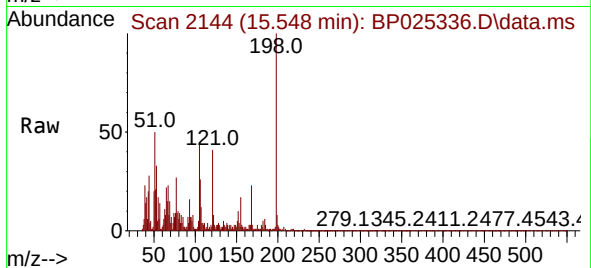




#65
4,6-Dinitro-2-methylphenol
Concen: 12.627 ng
RT: 15.548 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

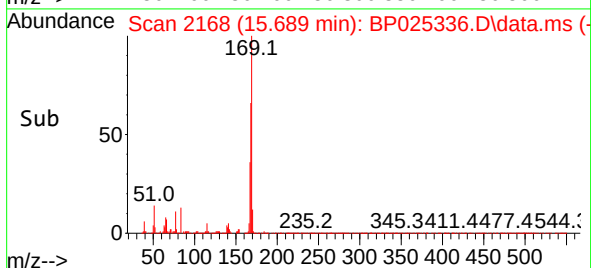
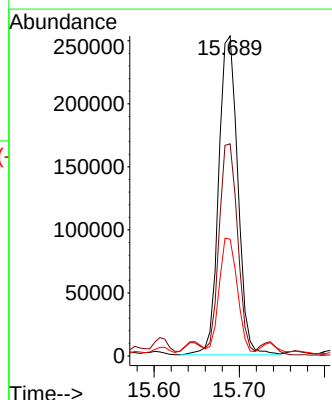
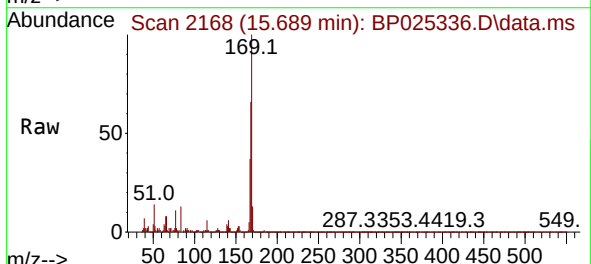
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

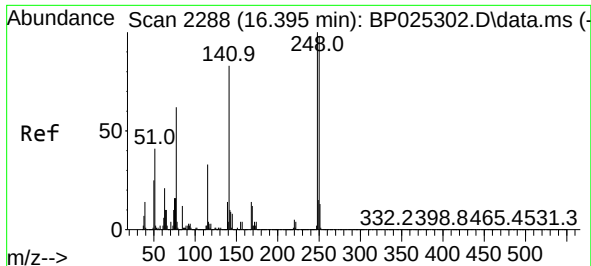
Tgt Ion:198 Resp: 38058
Ion Ratio Lower Upper
198 100
51 49.9 26.7 66.7
105 44.8 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 10.426 ng
RT: 15.689 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:169 Resp: 395458
Ion Ratio Lower Upper
169 100
168 66.3 52.8 79.2
167 36.5 28.5 42.7

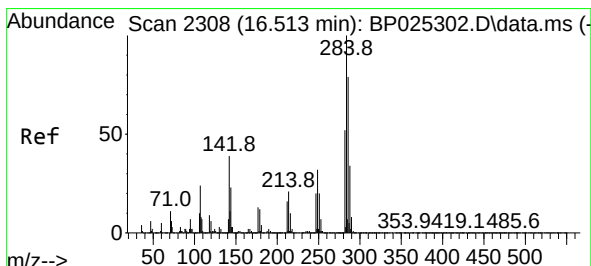
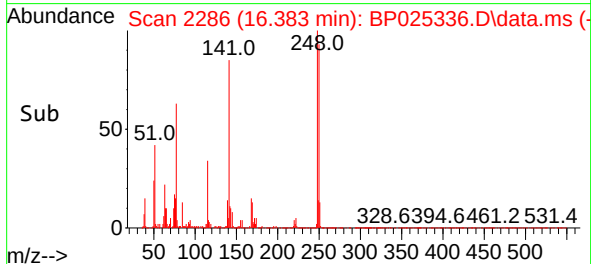
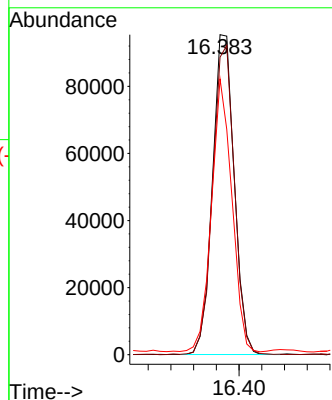
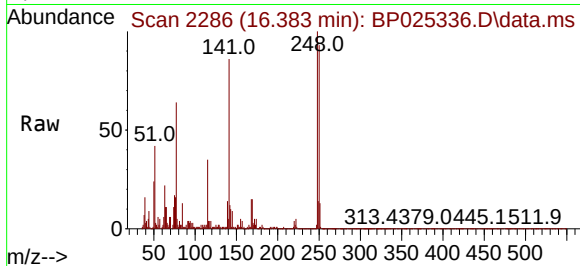




#67
4-Bromophenyl-phenylether
Concen: 10.131 ng
RT: 16.383 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

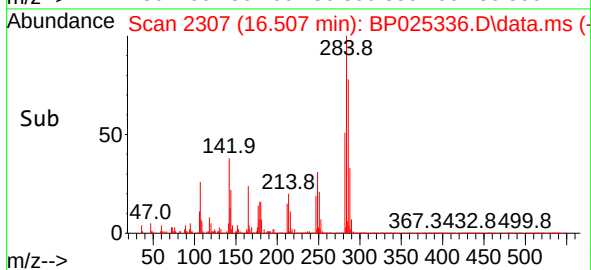
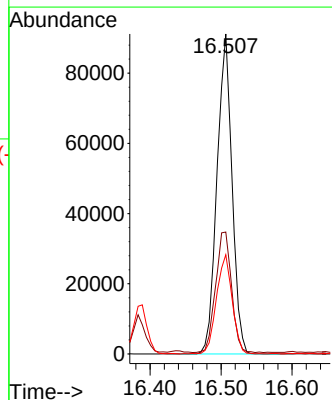
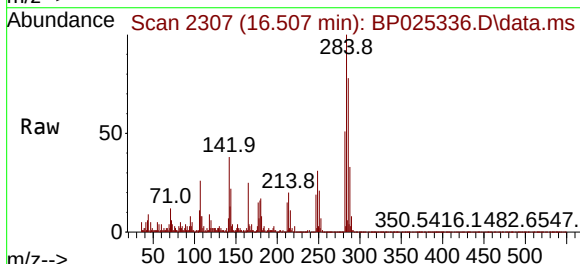
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

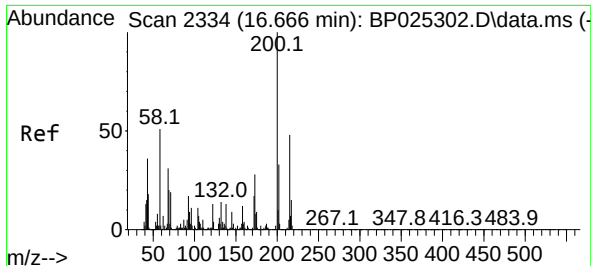
Tgt Ion:248 Resp: 126977
Ion Ratio Lower Upper
248 100
250 92.9 78.6 117.8
141 86.2 66.6 99.8



#68
Hexachlorobenzene
Concen: 9.471 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:284 Resp: 133200
Ion Ratio Lower Upper
284 100
142 38.1 30.8 46.2
249 31.0 25.4 38.0

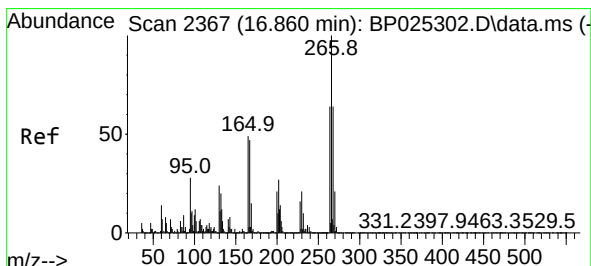
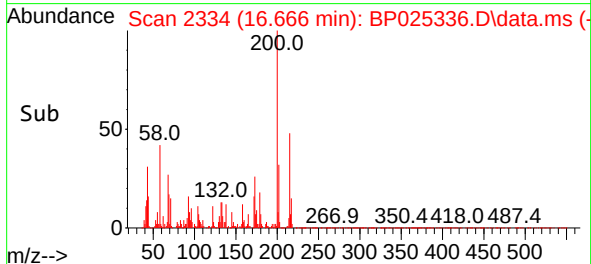
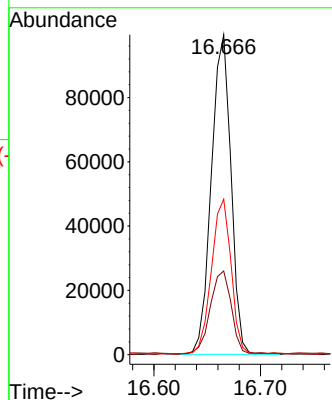
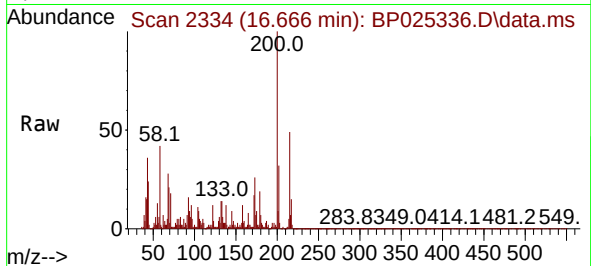




#69
 Atrazine
 Concen: 9.513 ng
 RT: 16.666 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

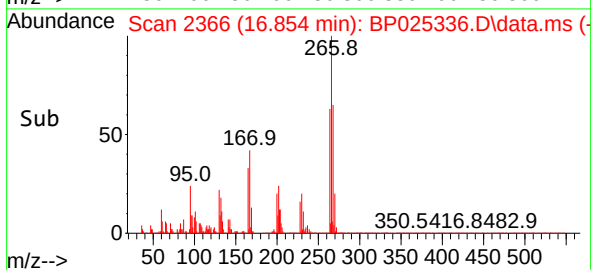
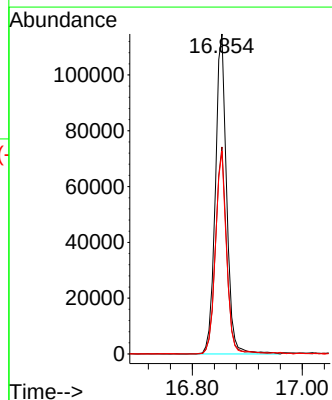
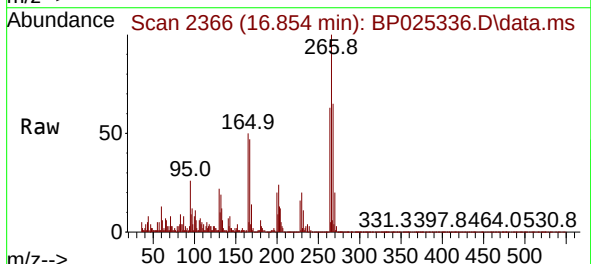
Instrument :
 BNA_P
 ClientSampleId :
 TP-4MSD

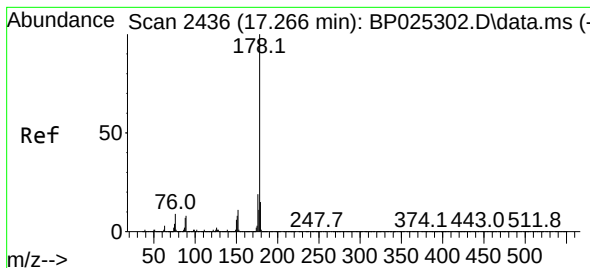
Tgt Ion:200 Resp: 126892
 Ion Ratio Lower Upper
 200 100
 173 26.1 8.2 48.2
 215 48.6 28.1 68.1



#70
 Pentachlorophenol
 Concen: 18.234 ng
 RT: 16.854 min Scan# 2366
 Delta R.T. -0.006 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

Tgt Ion:266 Resp: 163383
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.4 77.0
 264 63.4 51.1 76.7





#71

Phenanthrene

Concen: 27.002 ng

RT: 17.254 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

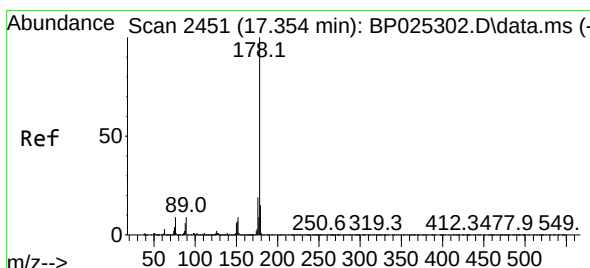
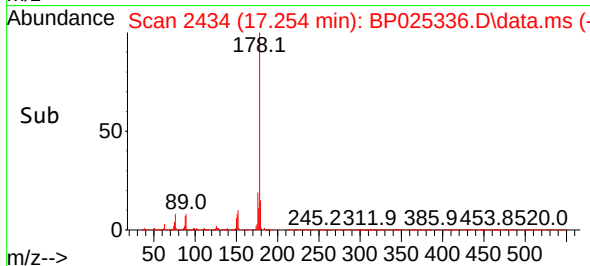
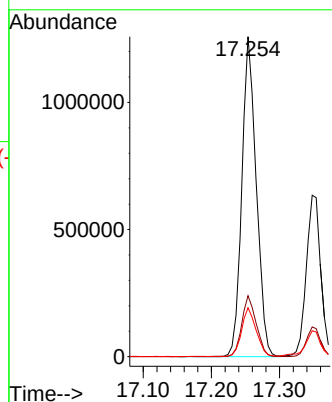
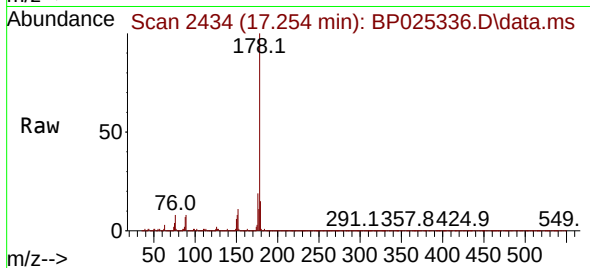
Tgt Ion:178 Resp: 1842306

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 13.359 ng

RT: 17.348 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

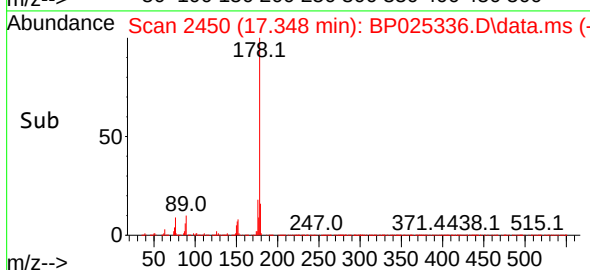
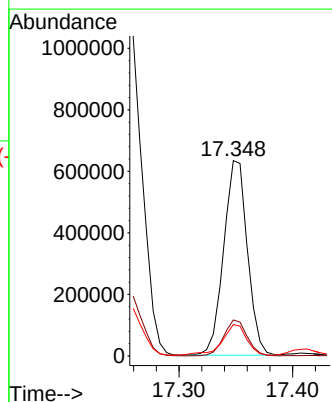
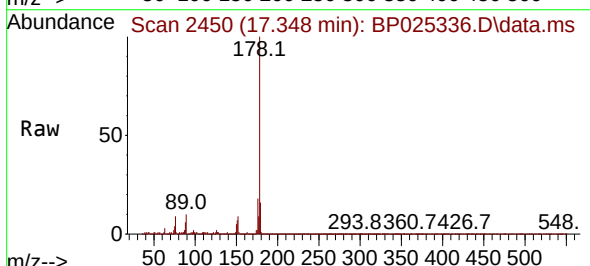
Tgt Ion:178 Resp: 918997

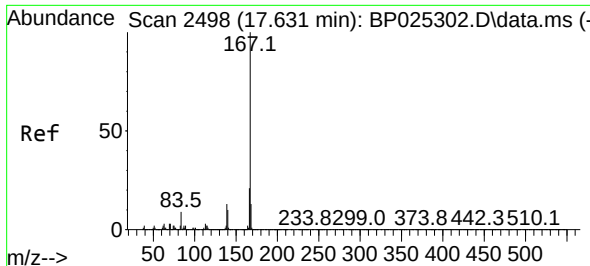
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 16.0 12.3 18.5



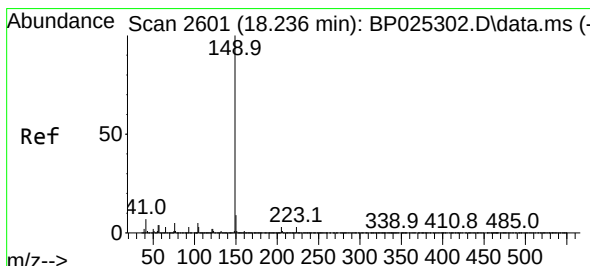
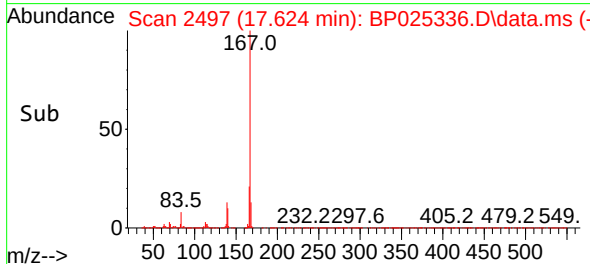
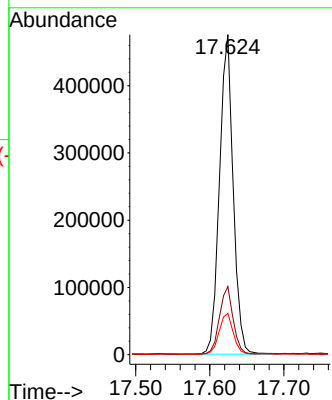
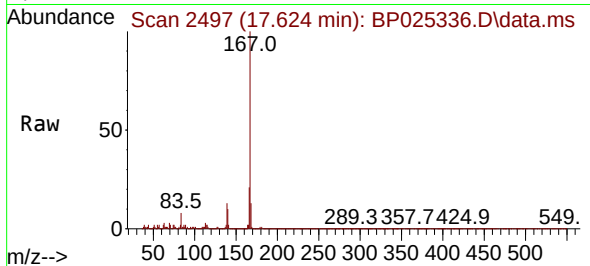


#73
 Carbazole
 Concen: 9.247 ng
 RT: 17.624 min Scan# 2498
 Delta R.T. -0.007 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

Instrument :
 BNA_P
 ClientSampleId :
 TP-4MSD

Tgt Ion:167 Resp: 610667

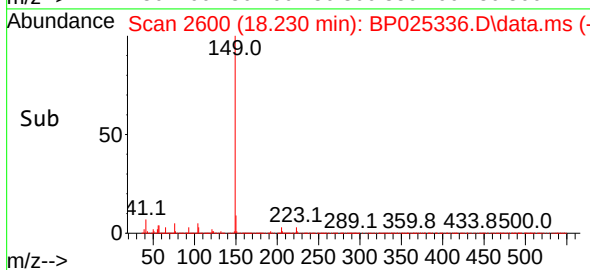
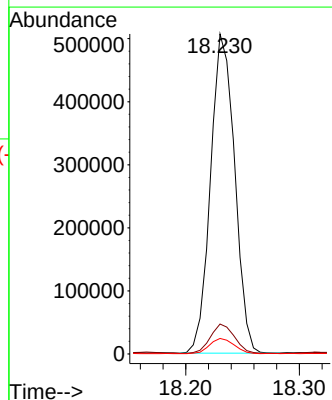
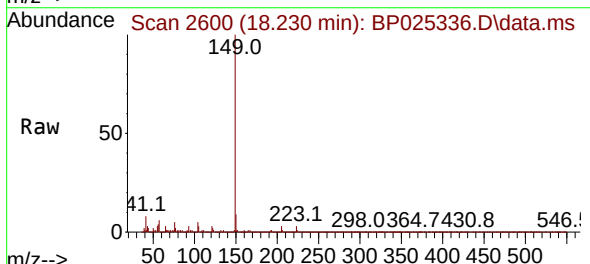
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.9	10.6	16.0

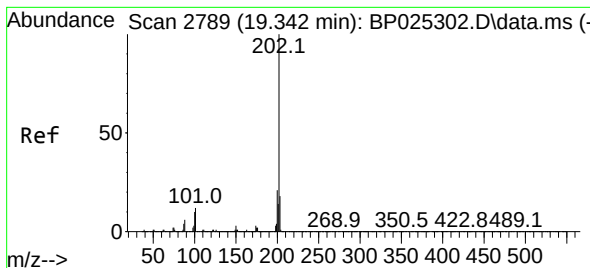


#74
 Di-n-butylphthalate
 Concen: 9.348 ng
 RT: 18.230 min Scan# 2600
 Delta R.T. -0.006 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

Tgt Ion:149 Resp: 746806

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	4.1	6.1

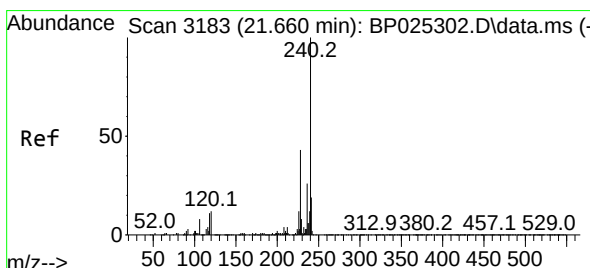
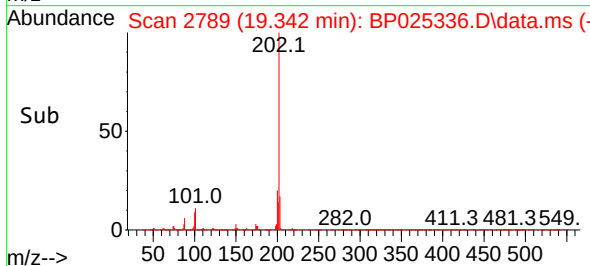
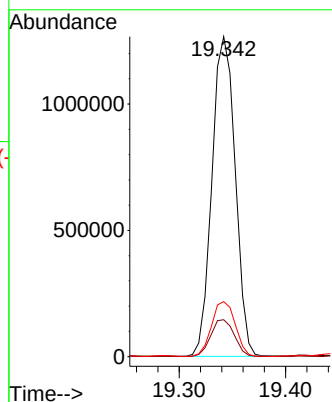
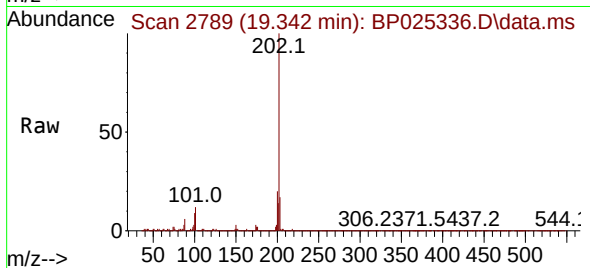




#75
Fluoranthene
Concen: 24.317 ng
RT: 19.342 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

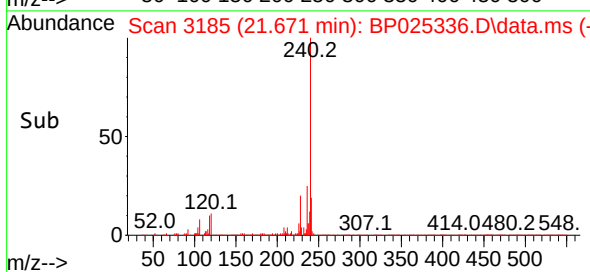
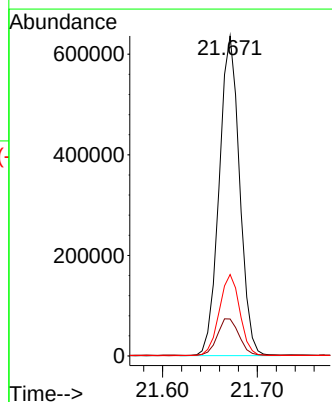
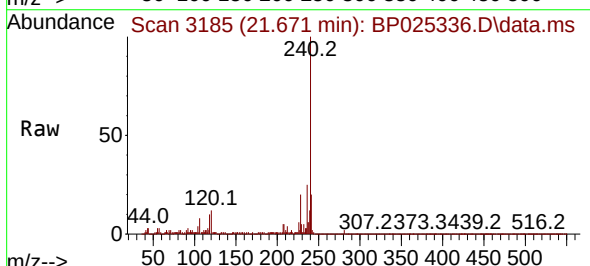
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

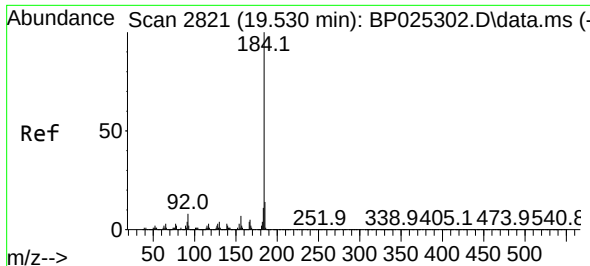
Tgt Ion:202 Resp: 1920598
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.5
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3185
Delta R.T. 0.011 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:240 Resp: 953383
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 25.5 20.4 30.6

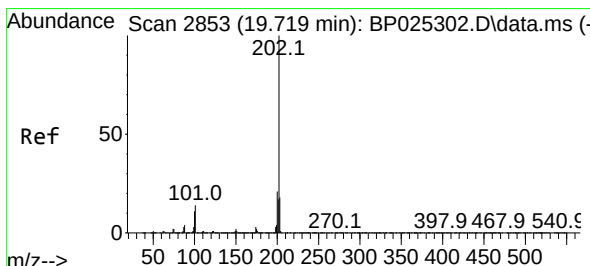
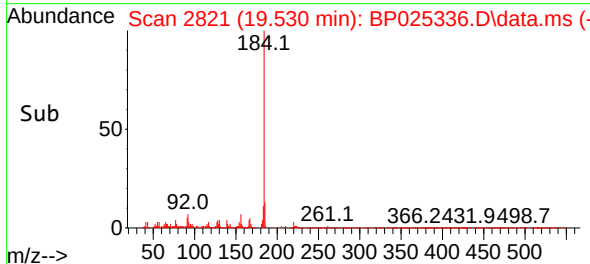
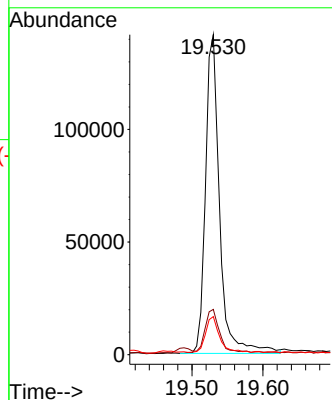
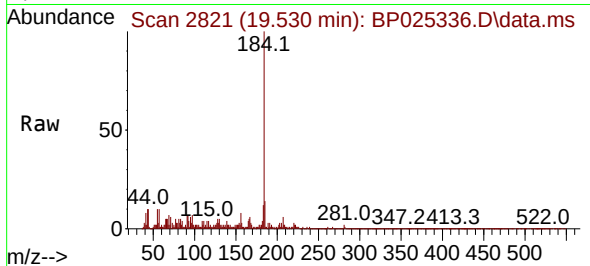




#77
Benzidine
Concen: 5.673 ng
RT: 19.530 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

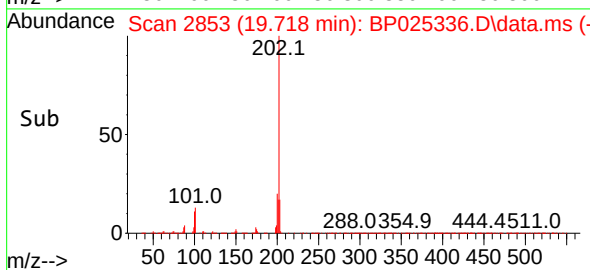
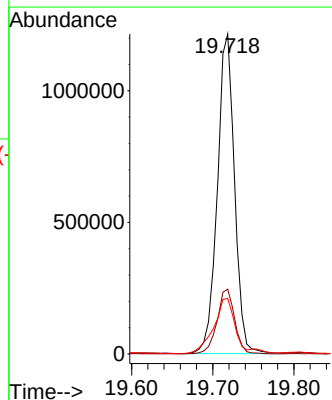
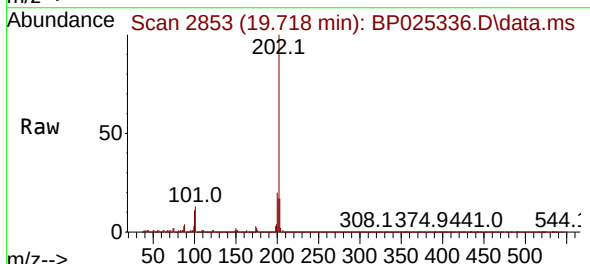
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

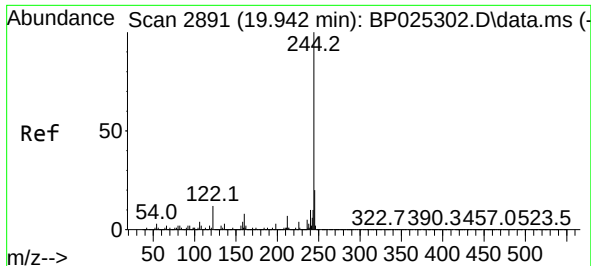
Tgt Ion:184 Resp: 195752
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 11.9 9.2 13.8



#78
Pyrene
Concen: 28.216 ng
RT: 19.718 min Scan# 2853
Delta R.T. -0.001 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:202 Resp: 1788839
Ion Ratio Lower Upper
202 100
200 20.3 16.7 25.1
203 17.3 14.1 21.1

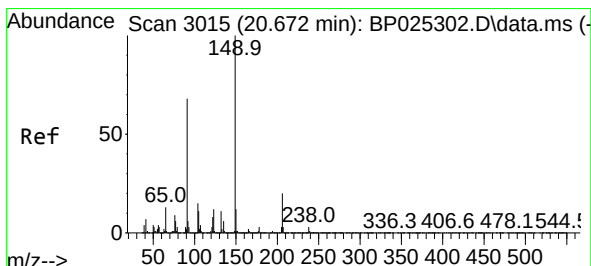
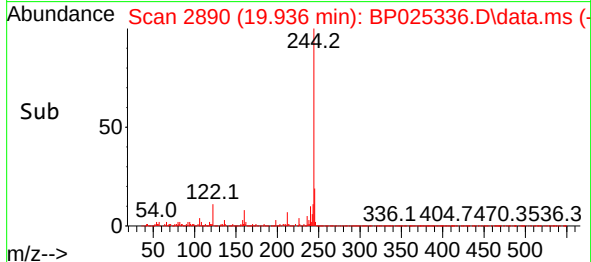
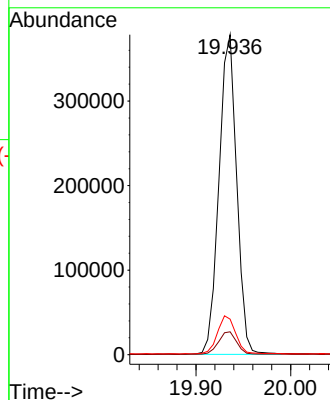
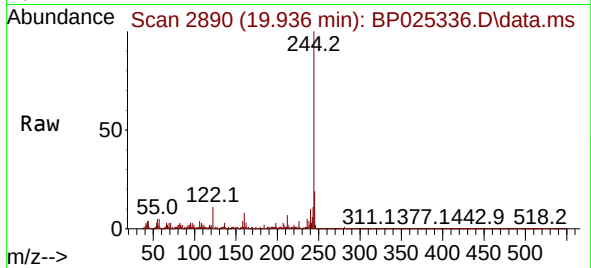




#79
 Terphenyl-d14
 Concen: 9.755 ng
 RT: 19.936 min Scan# 2890
 Delta R.T. -0.006 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

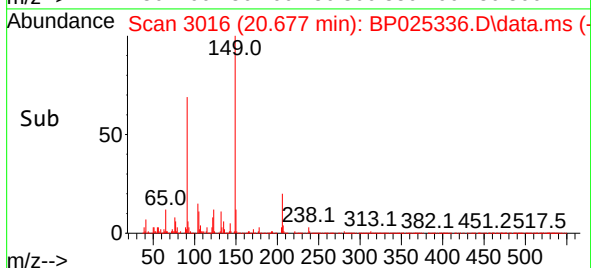
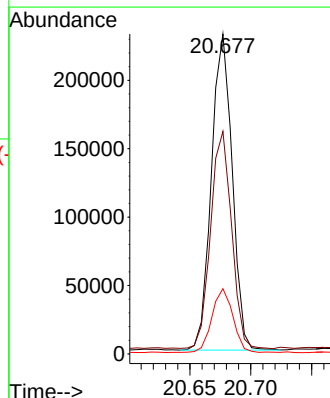
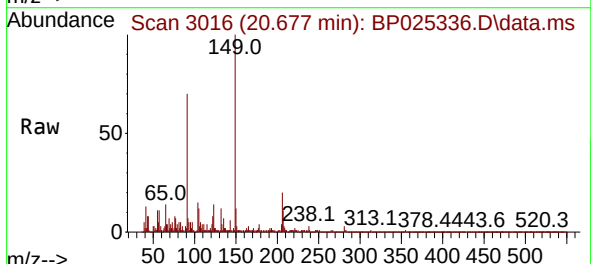
Instrument :
 BNA_P
 ClientSampleId :
 TP-4MSD

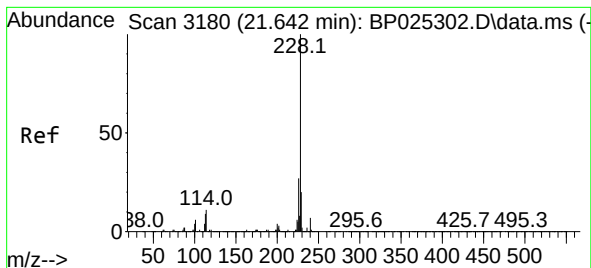
Tgt Ion:244 Resp: 492379
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.1 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 10.658 ng
 RT: 20.677 min Scan# 3016
 Delta R.T. 0.005 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

Tgt Ion:149 Resp: 274039
 Ion Ratio Lower Upper
 149 100
 91 69.6 54.7 82.1
 206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 18.493 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.012 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

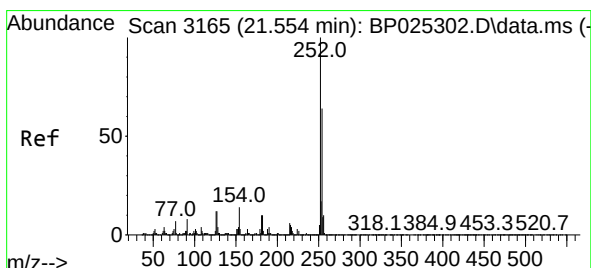
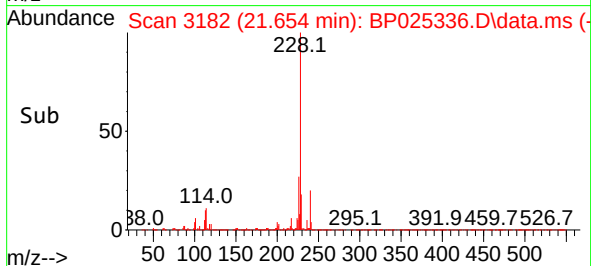
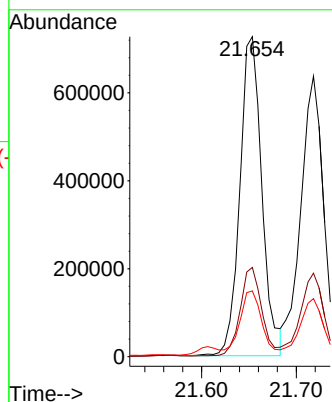
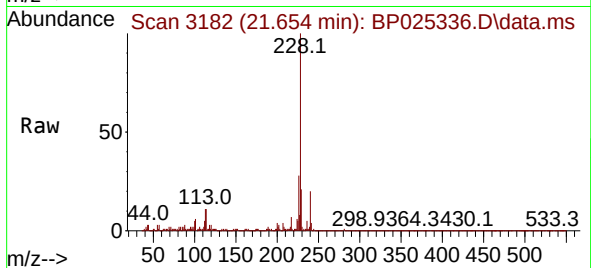
Tgt Ion:228 Resp: 1171620

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

229 20.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 7.733 ng

RT: 21.565 min Scan# 3167

Delta R.T. 0.011 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

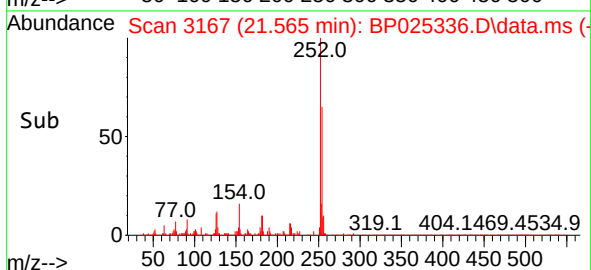
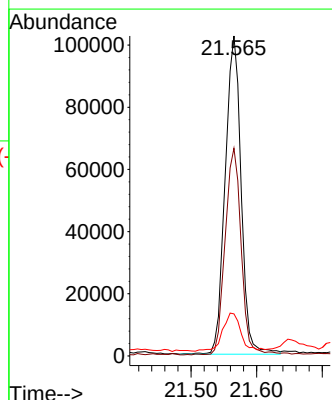
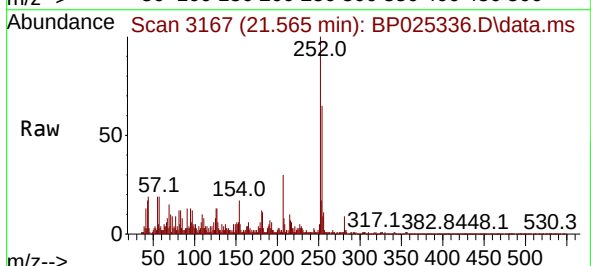
Tgt Ion:252 Resp: 172861

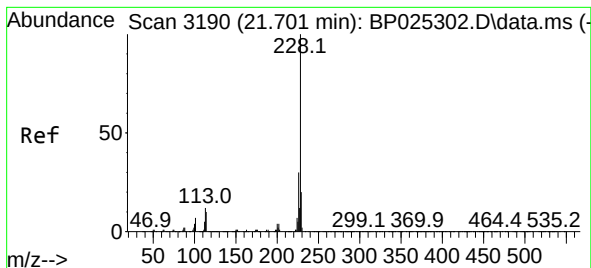
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 13.2 9.4 14.2





#83

Chrysene

Concen: 17.984 ng

RT: 21.718 min Scan# 3193

Delta R.T. 0.017 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

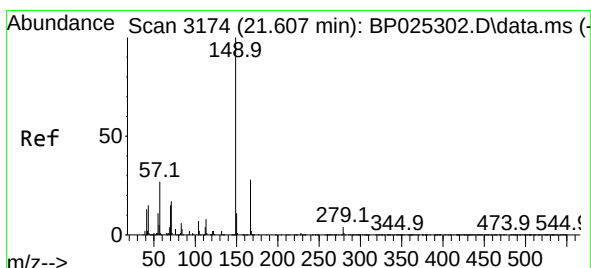
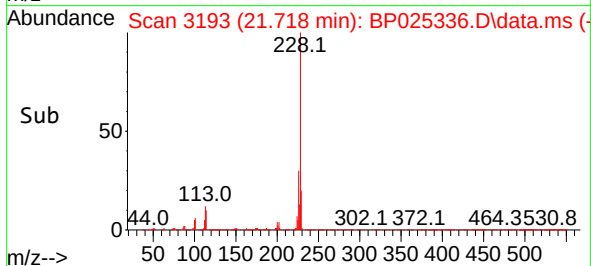
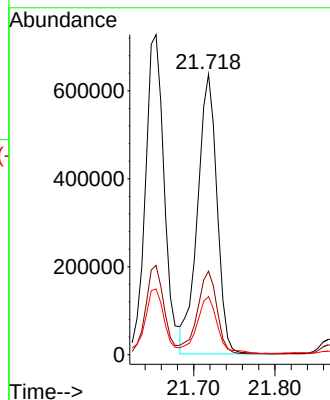
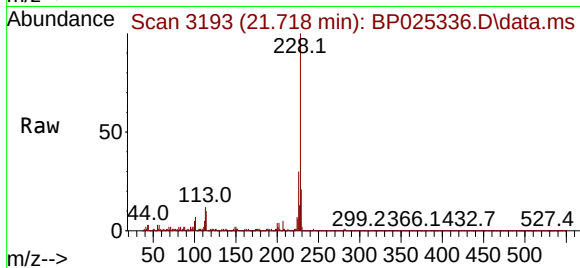
Tgt Ion:228 Resp: 1056748

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 20.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.197 ng

RT: 21.606 min Scan# 3174

Delta R.T. -0.001 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

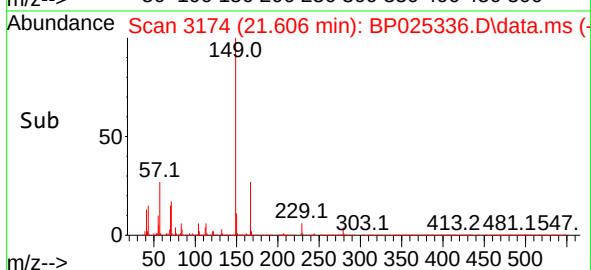
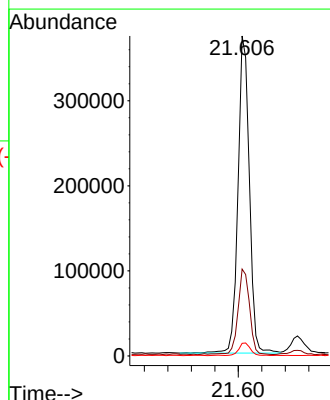
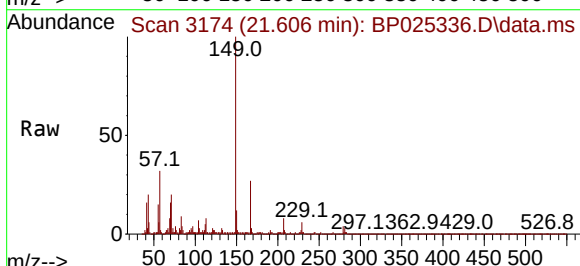
Tgt Ion:149 Resp: 500768

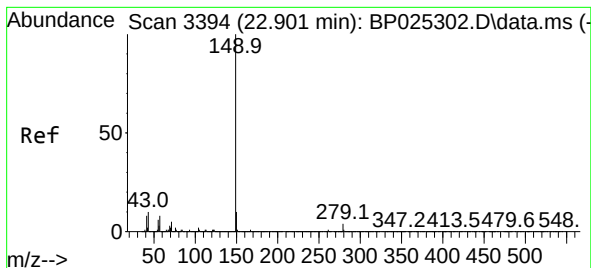
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 3.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 10.422 ng

RT: 22.918 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

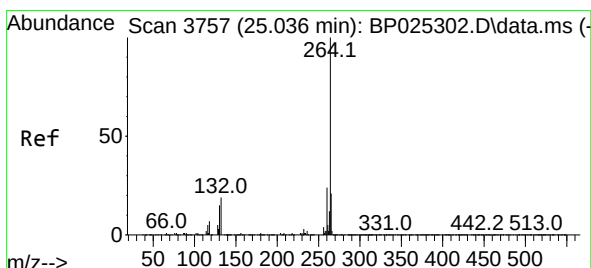
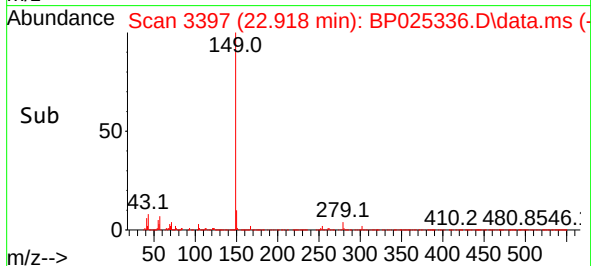
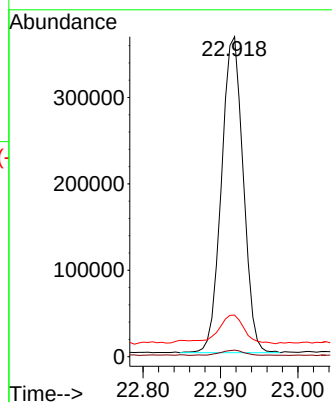
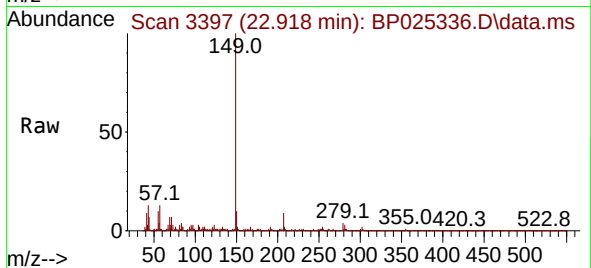
Tgt Ion:149 Resp: 716187

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

43 10.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.059 min Scan# 3761

Delta R.T. 0.023 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

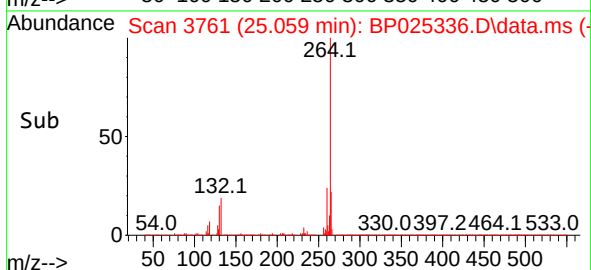
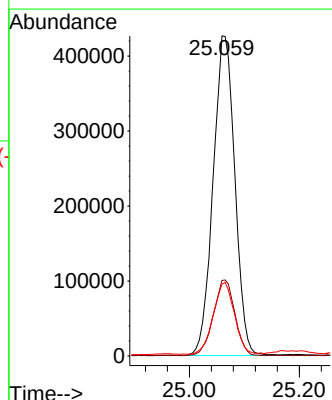
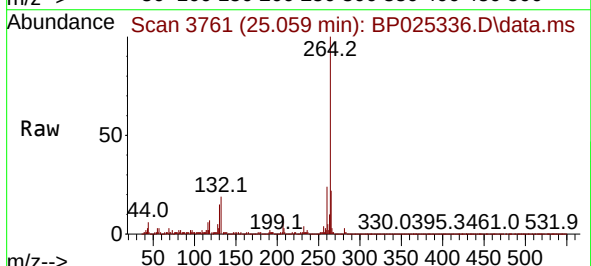
Tgt Ion:264 Resp: 1169667

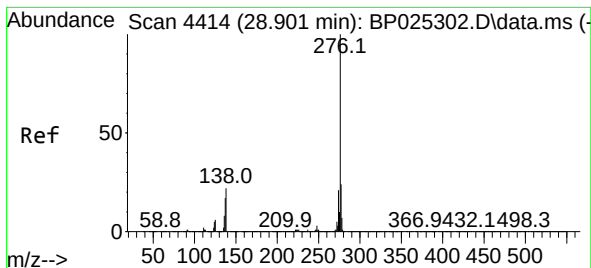
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 13.214 ng

RT: 28.918 min Scan# 4414

Delta R.T. 0.017 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP-4MSD

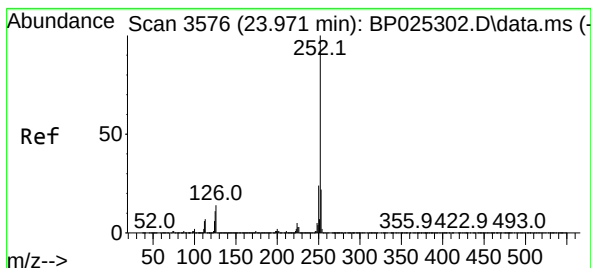
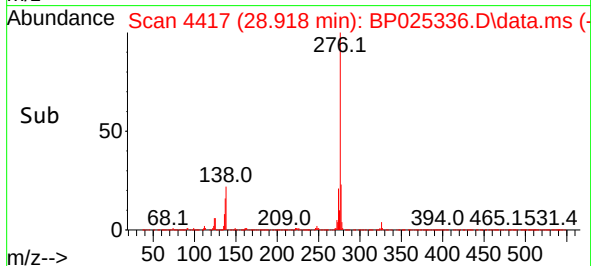
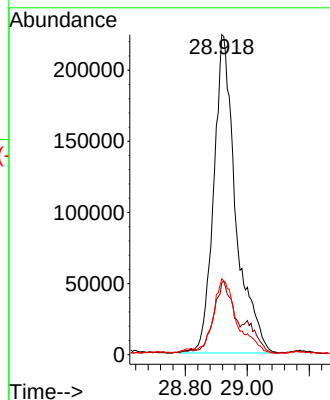
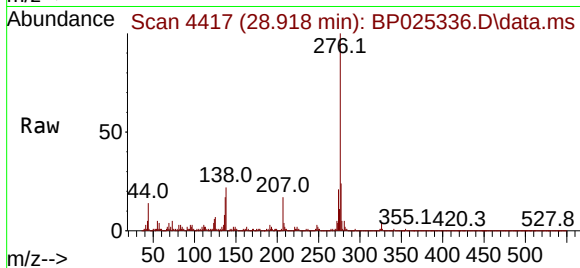
Tgt Ion:276 Resp: 1107815

Ion Ratio Lower Upper

276 100

138 18.6 14.6 22.0

277 25.2 16.8 25.2#



#88

Benzo(b)fluoranthene

Concen: 18.454 ng

RT: 23.989 min Scan# 3579

Delta R.T. 0.018 min

Lab File: BP025336.D

Acq: 08 Aug 2025 17:18

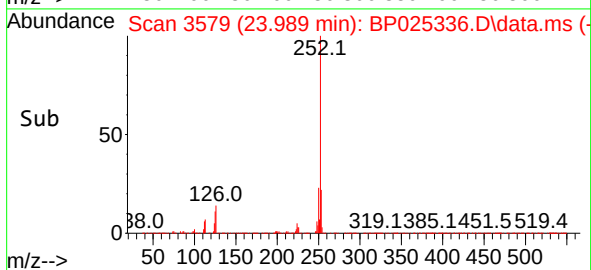
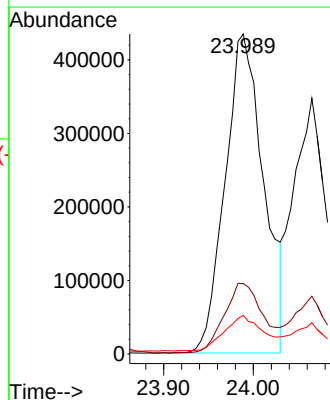
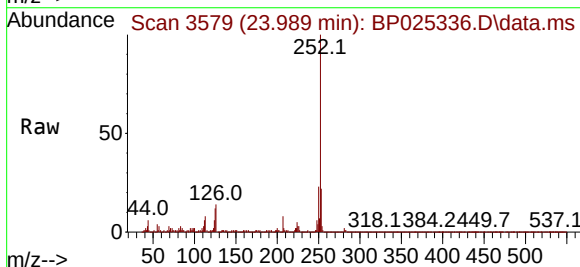
Tgt Ion:252 Resp: 1292140

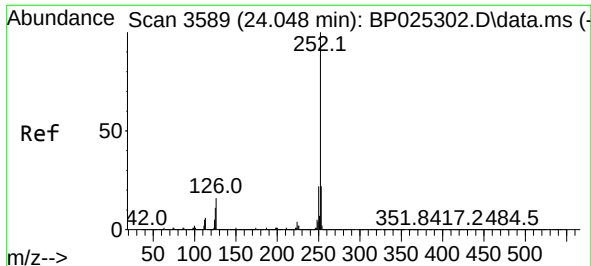
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 12.0 8.5 12.7

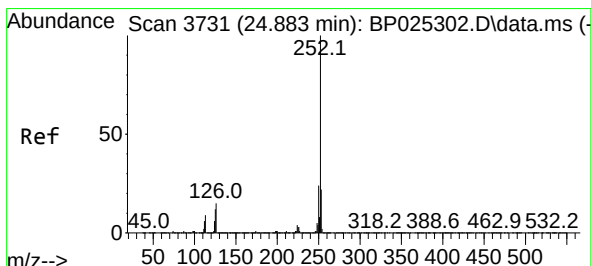
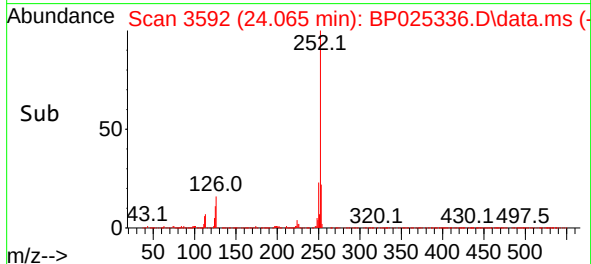
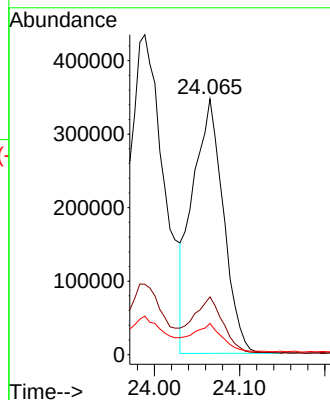
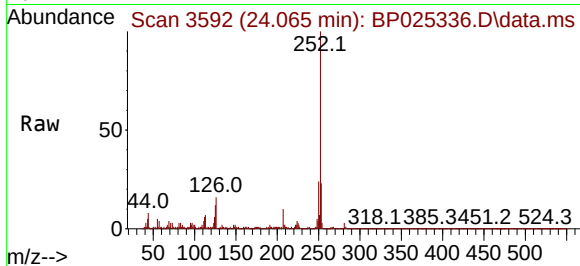




#89
Benzo(k)fluoranthene
Concen: 12.541 ng
RT: 24.065 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

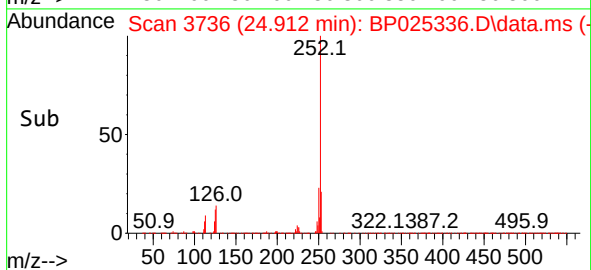
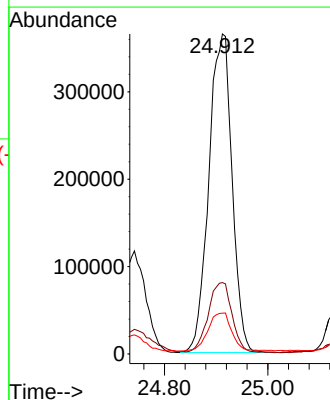
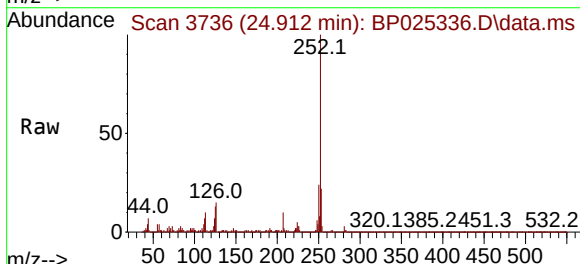
Instrument :
BNA_P
ClientSampleId :
TP-4MSD

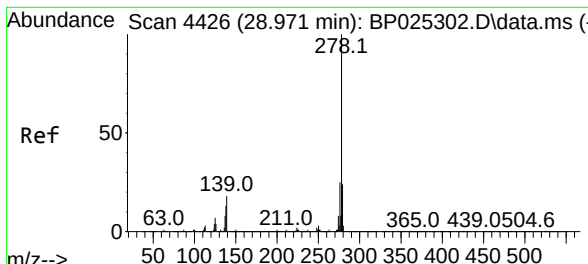
Tgt Ion:252 Resp: 870456
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.2 8.5 12.7



#90
Benzo(a)pyrene
Concen: 16.847 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.029 min
Lab File: BP025336.D
Acq: 08 Aug 2025 17:18

Tgt Ion:252 Resp: 1135954
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.7 9.4 14.0

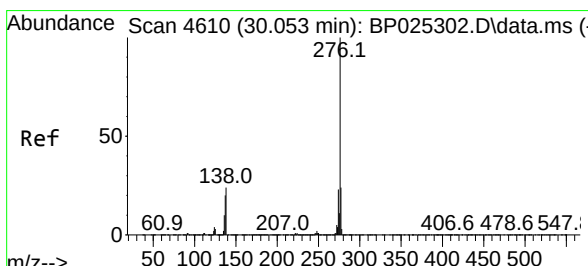
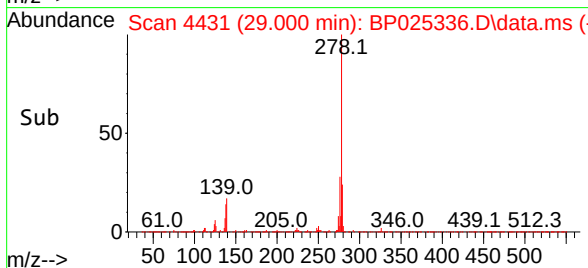
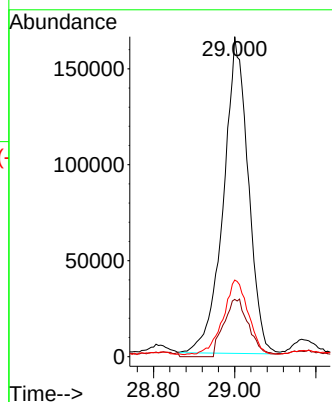
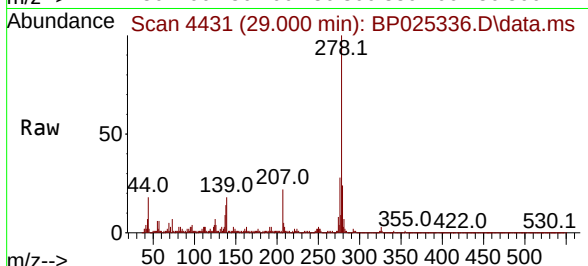




#91
 Dibenzo(a,h)anthracene
 Concen: 10.180 ng
 RT: 29.000 min Scan# 4426
 Delta R.T. 0.029 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

Instrument :
 BNA_P
 ClientSampleId :
 TP-4MSD

Tgt Ion: 278 Resp: 698998
 Ion Ratio Lower Upper
 278 100
 139 17.9 14.6 22.0
 279 23.9 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 13.894 ng
 RT: 30.100 min Scan# 4618
 Delta R.T. 0.047 min
 Lab File: BP025336.D
 Acq: 08 Aug 2025 17:18

Tgt Ion: 276 Resp: 936242
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.3 28.9
 138 24.0 19.1 28.7

