

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
 Data File : BP025311.D
 Acq On : 07 Aug 2025 13:03
 Operator : CG/JU
 Sample : PB169138BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169138BS

Quant Time: Aug 07 13:21:02 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	7.796	152	198161	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	794123	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	479965	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	935557	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	993641	20.000	ng	-0.02
86) Perylene-d12	25.018	264	1089848	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1468871	119.220	ng	0.00
7) Phenol-d6	6.966	99	1820261	112.259	ng	0.00
23) Nitrobenzene-d5	8.937	82	1089538	76.010	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	595962	124.465	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	2577249	74.166	ng	0.00
79) Terphenyl-d14	19.936	244	3728860	70.881	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	172318	35.441	ng	99
3) Pyridine	3.725	79	471441	34.900	ng	99
4) n-Nitrosodimethylamine	3.631	42	244155	38.932	ng	97
6) Aniline	7.125	93	660605	29.678	ng	99
8) 2-Chlorophenol	7.366	128	559371	41.477	ng	98
9) Benzaldehyde	6.943	77	308665	26.802	ng	98
10) Phenol	6.990	94	705633	40.672	ng	100
11) bis(2-Chloroethyl)ether	7.225	93	520695	38.304	ng	99
12) 1,3-Dichlorobenzene	7.690	146	597927	39.458	ng	98
13) 1,4-Dichlorobenzene	7.831	146	612626	39.960	ng	98
14) 1,2-Dichlorobenzene	8.149	146	588350	39.616	ng	99
15) Benzyl Alcohol	8.025	79	466609	37.124	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.319	45	790722	36.822	ng	99
17) 2-Methylphenol	8.225	107	469106	40.409	ng	98
18) Hexachloroethane	8.878	117	221334	40.370	ng	99
19) n-Nitroso-di-n-propyla...	8.596	70	390263	36.632	ng	99
20) 3+4-Methylphenols	8.549	107	626755	39.207	ng	99
22) Acetophenone	8.607	105	808212	40.541	ng	# 99
24) Nitrobenzene	8.978	77	566061	41.718	ng	98
25) Isophorone	9.496	82	1074666	37.664	ng	100
26) 2-Nitrophenol	9.684	139	215783	37.378	ng	99
27) 2,4-Dimethylphenol	9.743	122	535157	40.682	ng	96
28) bis(2-Chloroethoxy)met...	9.984	93	690923	39.806	ng	100
29) 2,4-Dichlorophenol	10.207	162	509262	44.219	ng	99
30) 1,2,4-Trichlorobenzene	10.437	180	526190	41.413	ng	98
31) Naphthalene	10.619	128	1668863	40.482	ng	100
32) Benzoic acid	9.843	122	279191	40.093	ng	99
33) 4-Chloroaniline	10.719	127	415384	22.655	ng	100
34) Hexachlorobutadiene	10.913	225	304068	41.690	ng	99
35) Caprolactam	11.466	113	173293	38.787	ng	99
36) 4-Chloro-3-methylphenol	11.837	107	557781	41.856	ng	98
37) 2-Methylnaphthalene	12.231	142	1049330	39.326	ng	99
38) 1-Methylnaphthalene	12.448	142	1095364	39.343	ng	100
40) 1,2,4,5-Tetrachloroben...	12.601	216	551039	42.052	ng	99
41) Hexachlorocyclopentadiene	12.595	237	706251	87.326	ng	99
43) 2,4,6-Trichlorophenol	12.837	196	373994	44.181	ng	100

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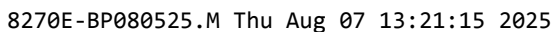
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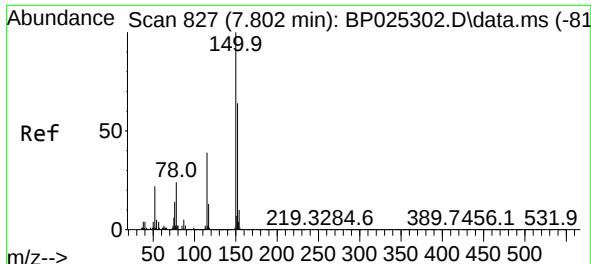
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	429156	45.194	ng	98
46) 1,1'-Biphenyl	13.242	154	1487895	42.065	ng	100
47) 2-Chloronaphthalene	13.290	162	1132796	41.978	ng	99
48) 2-Nitroaniline	13.478	65	324465	41.475	ng	96
49) Acenaphthylene	14.137	152	1905282	42.328	ng	100
50) Dimethylphthalate	13.866	163	1447011	41.356	ng	100
51) 2,6-Dinitrotoluene	13.984	165	298277	46.217	ng	98
52) Acenaphthene	14.484	154	1224767	44.608	ng	99
53) 3-Nitroaniline	14.307	138	226225	29.956	ng	99
54) 2,4-Dinitrophenol	14.513	184	257088	74.659	ng	# 50
55) Dibenzofuran	14.825	168	1685721	41.085	ng	99
56) 4-Nitrophenol	14.607	139	601954	90.316	ng	98
57) 2,4-Dinitrotoluene	14.772	165	422234	42.597	ng	97
58) Fluorene	15.484	166	1347554	41.816	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	355697	44.843	ng	100
60) Diethylphthalate	15.254	149	1472706	41.749	ng	100
61) 4-Chlorophenyl-phenyle...	15.484	204	635938	41.626	ng	98
62) 4-Nitroaniline	15.489	138	337750	45.137	ng	99
63) Azobenzene	15.778	77	1366541	41.701	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	174211	43.620	ng	97
66) n-Nitrosodiphenylamine	15.689	169	1210333	42.489	ng	100
67) 4-Bromophenyl-phenylether	16.389	248	394059	41.862	ng	99
68) Hexachlorobenzene	16.501	284	436189	41.297	ng	97
69) Atrazine	16.666	200	444981	44.419	ng	99
70) Pentachlorophenol	16.854	266	609103	90.515	ng	99
71) Phenanthrene	17.248	178	2202587	42.984	ng	99
72) Anthracene	17.348	178	2255557	43.656	ng	100
73) Carbazole	17.619	167	2162418	43.600	ng	100
74) Di-n-butylphthalate	18.230	149	2566820	42.780	ng	99
75) Fluoranthene	19.330	202	2549296	42.976	ng	99
77) Benzidine	19.519	184	1271049	35.342	ng	99
78) Pyrene	19.707	202	2693349	40.762	ng	99
80) Butylbenzylphthalate	20.666	149	1196535	44.651	ng	97
81) Benzo(a)anthracene	21.624	228	2863310	43.364	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	631430	27.104	ng	98
83) Chrysene	21.689	228	2654825	43.349	ng	99
84) Bis(2-ethylhexyl)phtha...	21.595	149	1894127	44.266	ng	100
85) Di-n-octyl phthalate	22.889	149	3086593	43.095	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	2808644	35.955	ng	# 92
88) Benzo(b)fluoranthene	23.971	252	2889828	44.295	ng	99
89) Benzo(k)fluoranthene	24.030	252	2886682	44.634	ng	99
90) Benzo(a)pyrene	24.877	252	2778411	44.223	ng	100
91) Dibenzo(a,h)anthracene	28.959	278	2765619	43.229	ng	100
92) Benzo(g,h,i)perylene	30.042	276	2706313	43.102	ng	99

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

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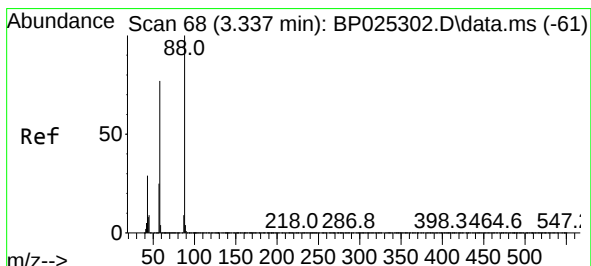
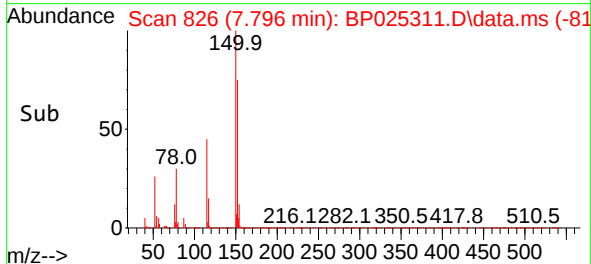
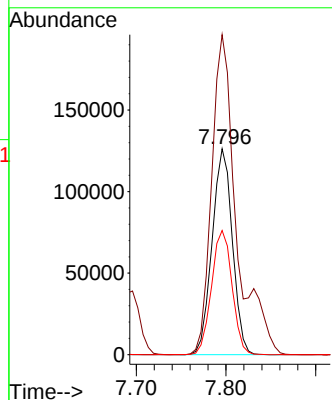
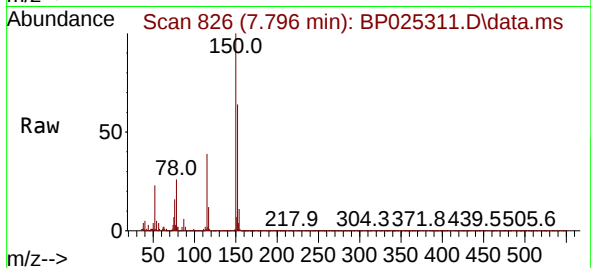




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.796 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

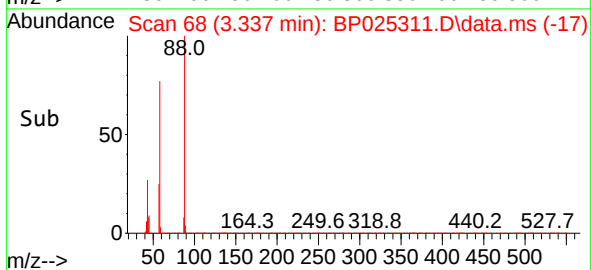
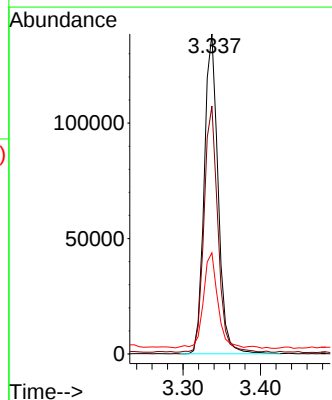
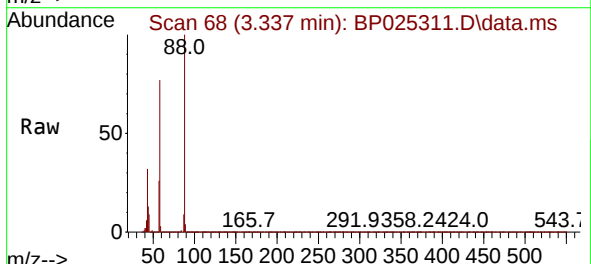
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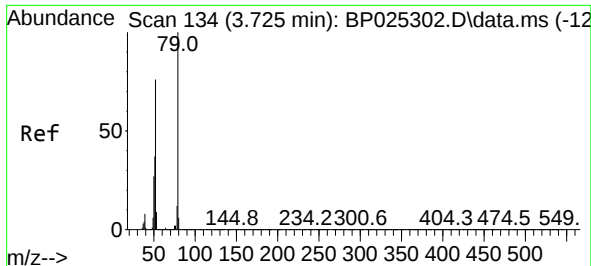
Tgt Ion:152 Resp: 198161
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.1 187.7
 115 60.3 48.4 72.6



#2
 1,4-Dioxane
 Concen: 35.441 ng
 RT: 3.337 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

Tgt Ion: 88 Resp: 172318
 Ion Ratio Lower Upper
 88 100
 58 76.6 61.9 92.9
 43 30.4 24.2 36.2





#3

Pyridine

Concen: 34.900 ng

RT: 3.725 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

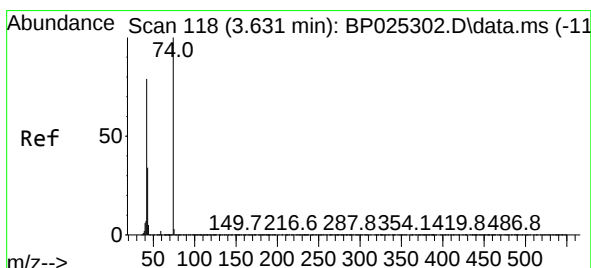
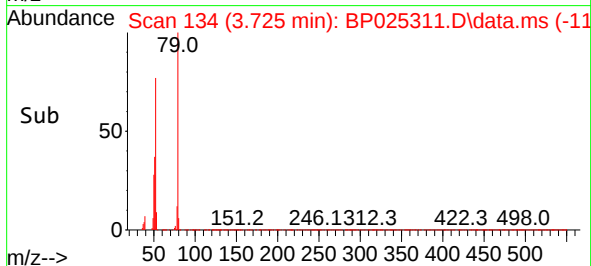
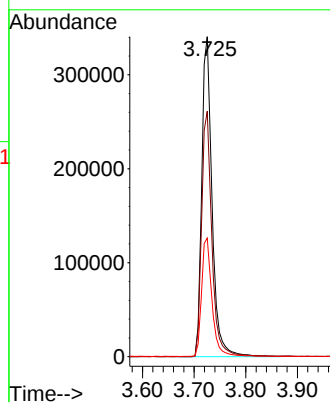
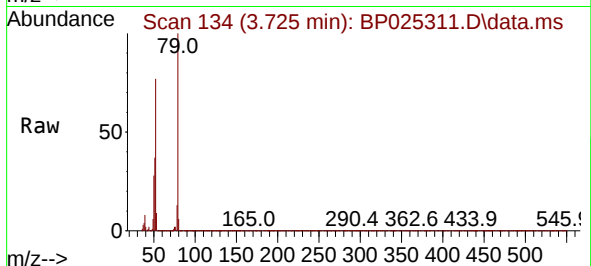
Tgt Ion: 79 Resp: 471441

Ion Ratio Lower Upper

79 100

52 76.7 60.5 90.7

51 37.0 30.2 45.2



#4

n-Nitrosodimethylamine

Concen: 38.932 ng

RT: 3.631 min Scan# 118

Delta R.T. 0.000 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

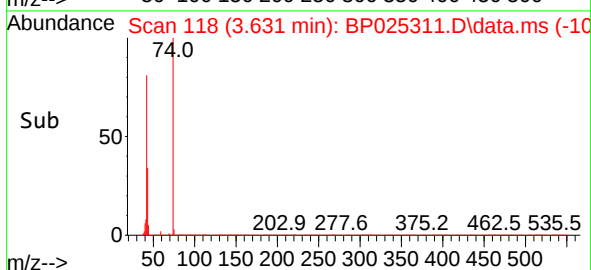
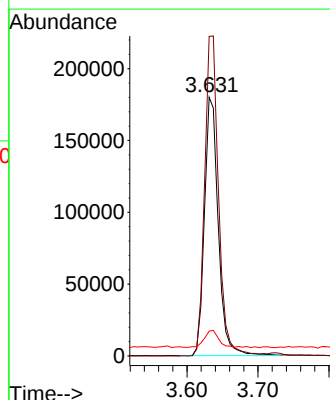
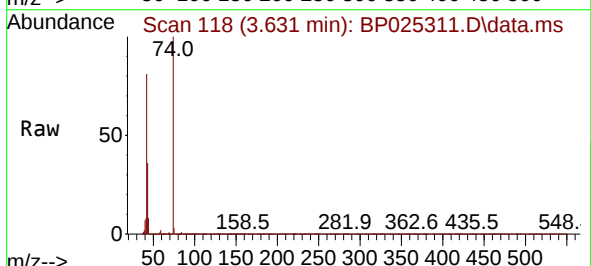
Tgt Ion: 42 Resp: 244155

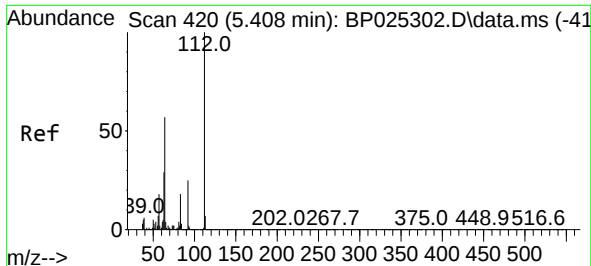
Ion Ratio Lower Upper

42 100

74 123.5 101.4 152.2

44 9.6 7.6 11.4

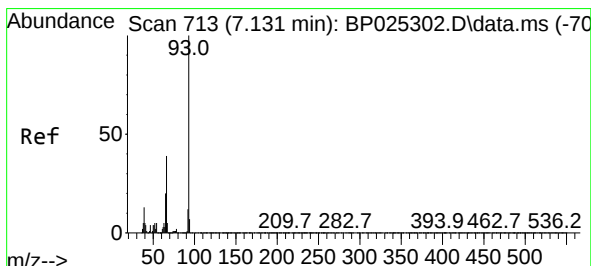
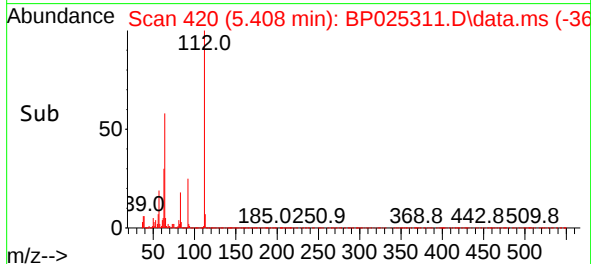
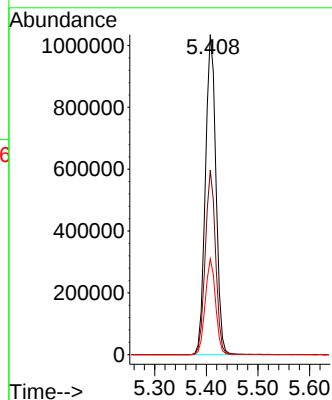
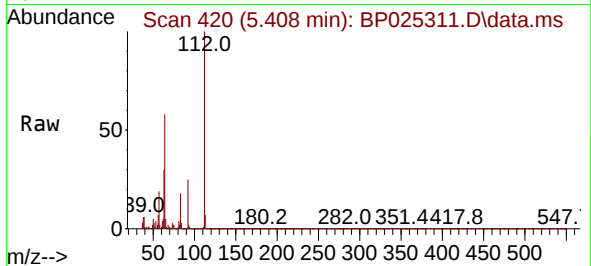




#5
2-Fluorophenol
Concen: 119.220 ng
RT: 5.408 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

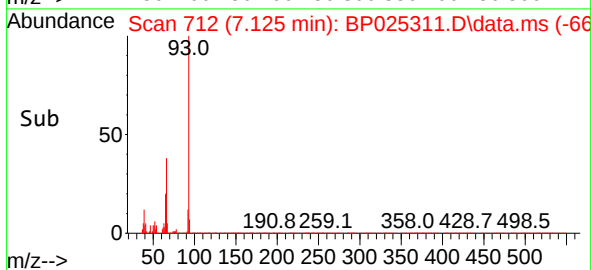
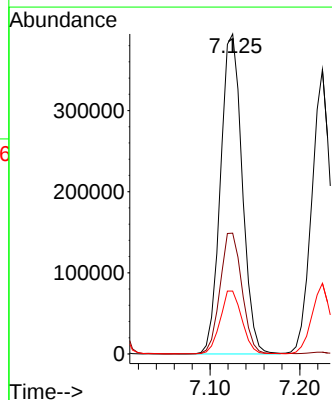
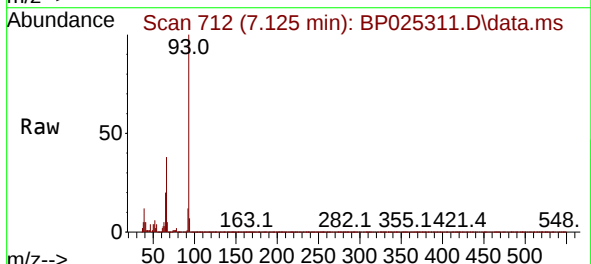
Instrument :
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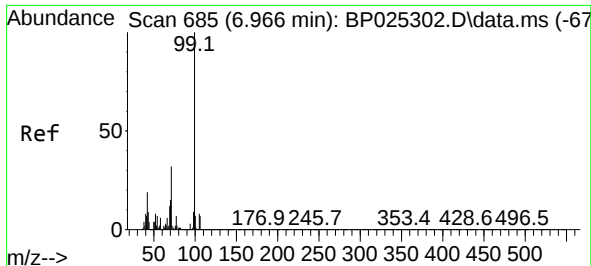
Tgt Ion:112 Resp: 1468871
Ion Ratio Lower Upper
112 100
64 57.6 45.3 67.9
63 29.9 23.0 34.6



#6
Aniline
Concen: 29.678 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 93 Resp: 660605
Ion Ratio Lower Upper
93 100
66 37.7 31.1 46.7
65 19.6 15.8 23.8



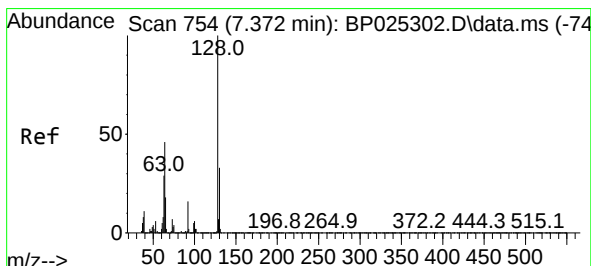
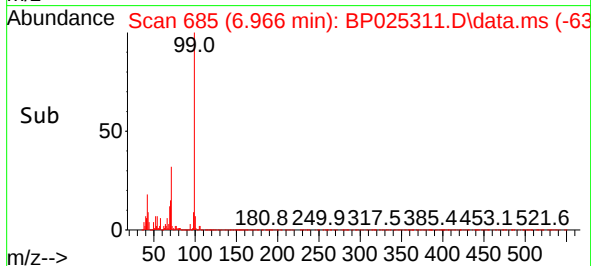
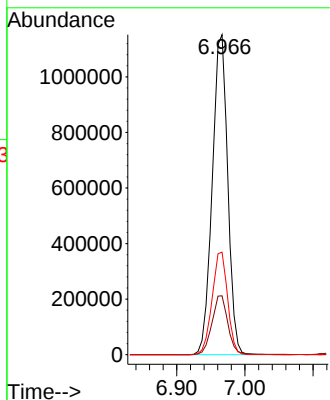
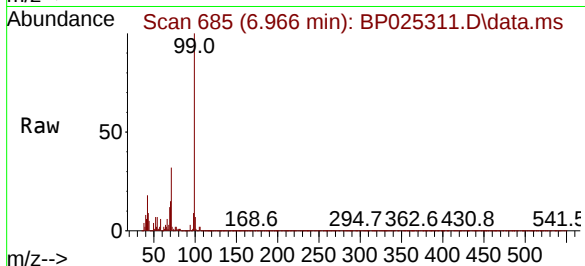


#7
Phenol-d6
Concen: 112.259 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Instrument :
BNA_P
ClientSampleId :
PB169138BS

Tgt Ion: 99 Resp: 1820261

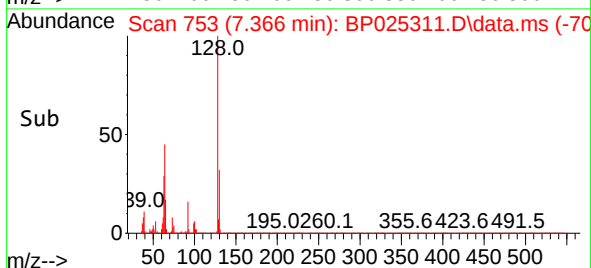
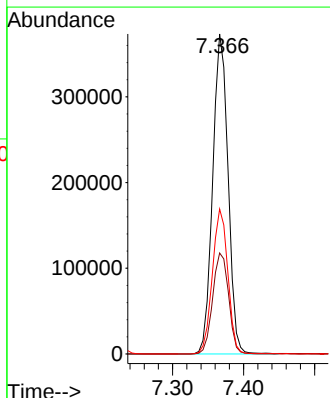
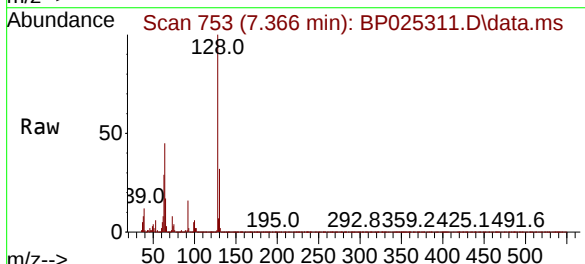
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.6
71	32.0	25.5	38.3

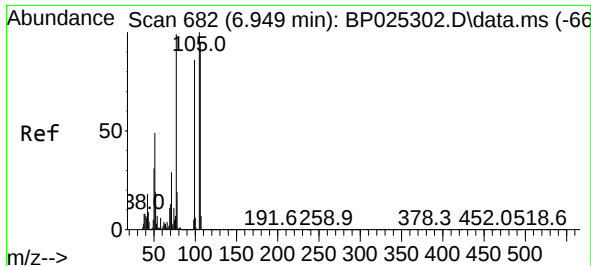


#8
2-Chlorophenol
Concen: 41.477 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 128 Resp: 559371

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.1	53.1
64	45.3	26.1	66.1

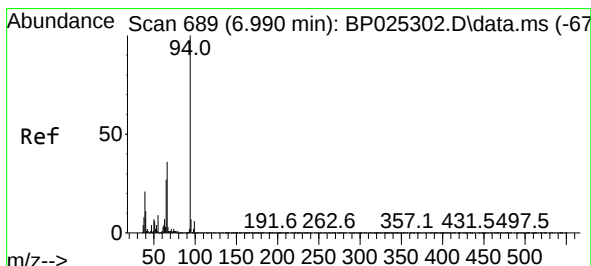
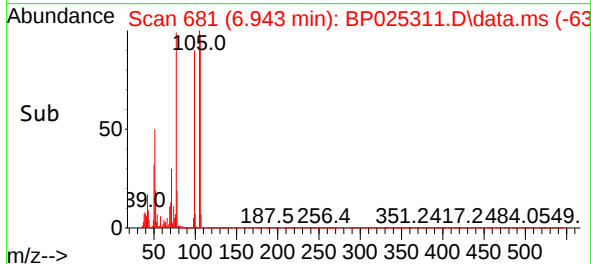
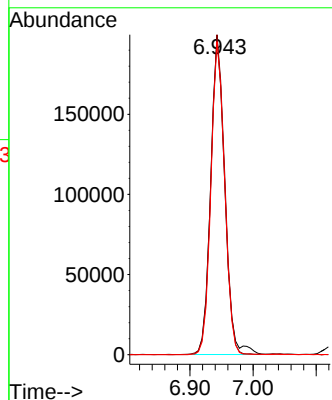
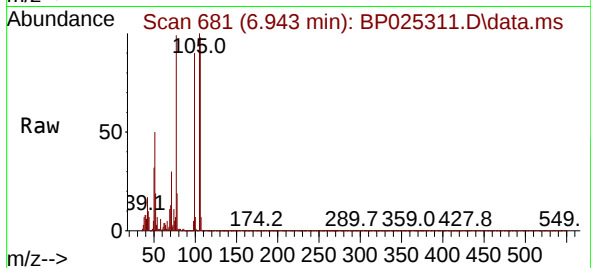




#9
Benzaldehyde
Concen: 26.802 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

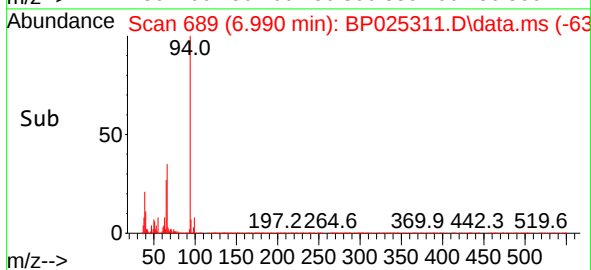
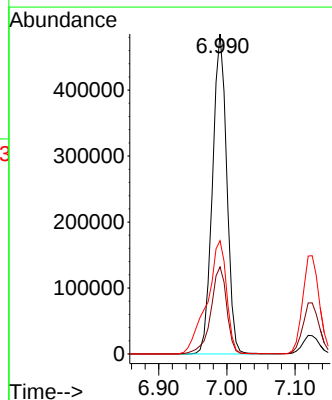
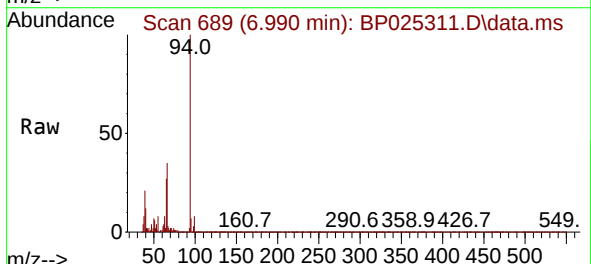
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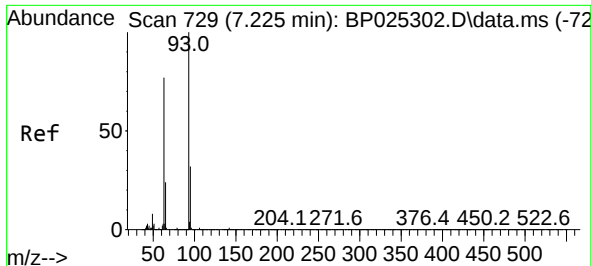
Tgt Ion: 77 Resp: 308665
Ion Ratio Lower Upper
77 100
105 100.7 81.4 121.4
106 98.5 76.2 116.2



#10
Phenol
Concen: 40.672 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 94 Resp: 705633
Ion Ratio Lower Upper
94 100
65 27.2 7.3 47.3
66 35.4 15.7 55.7

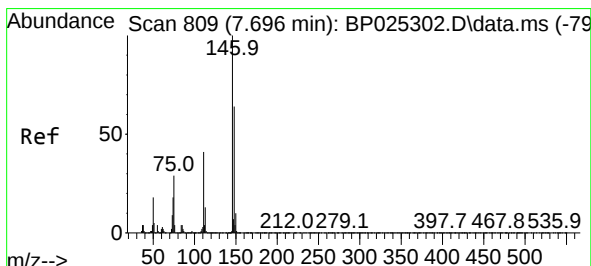
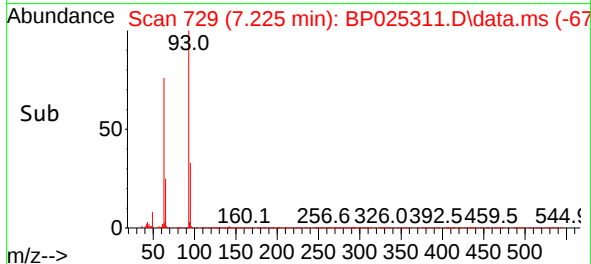
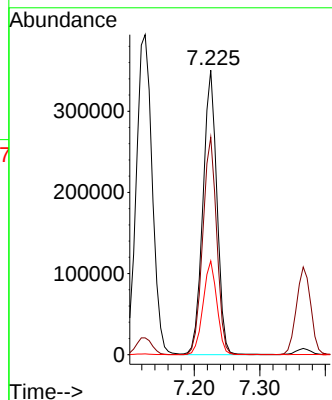
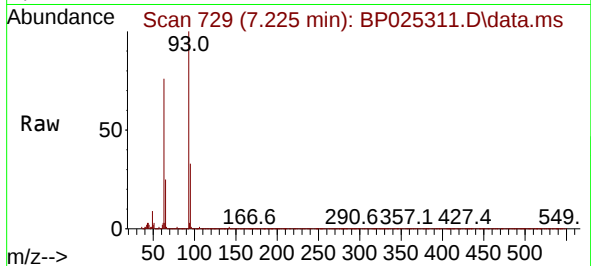




#11
 bis(2-Chloroethyl)ether
 Concen: 38.304 ng
 RT: 7.225 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

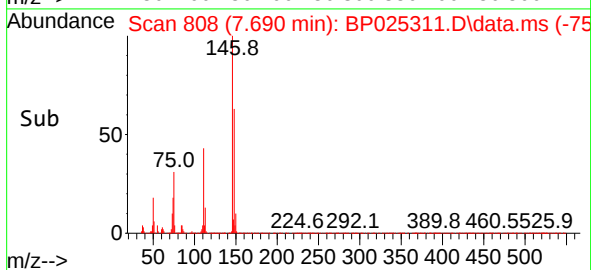
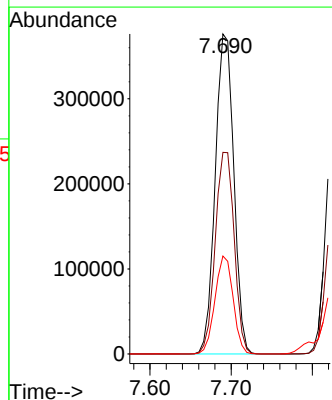
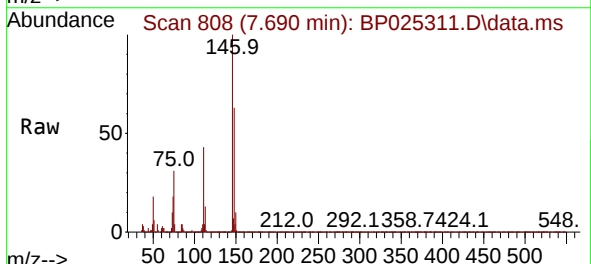
Instrument :
 BNA_P
 ClientSampleId :
 PB169138BS

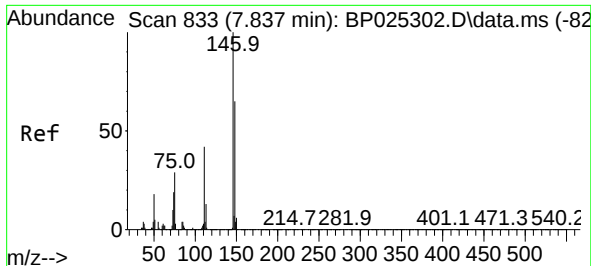
Tgt Ion: 93 Resp: 520695
 Ion Ratio Lower Upper
 93 100
 63 76.5 57.0 97.0
 95 33.0 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 39.458 ng
 RT: 7.690 min Scan# 808
 Delta R.T. -0.006 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

Tgt Ion: 146 Resp: 597927
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 75 30.6 23.2 34.8

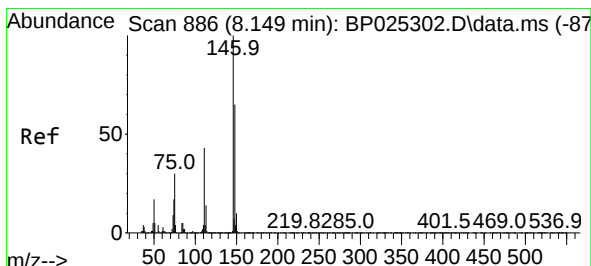
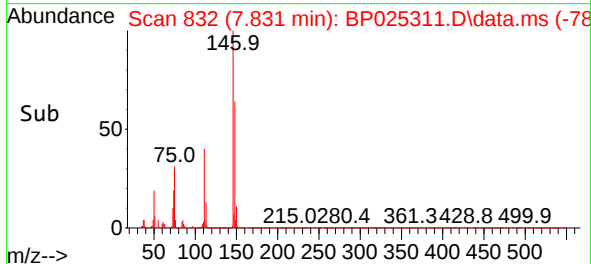
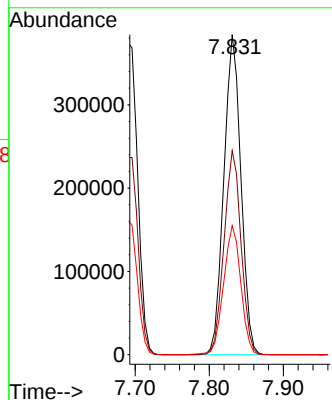
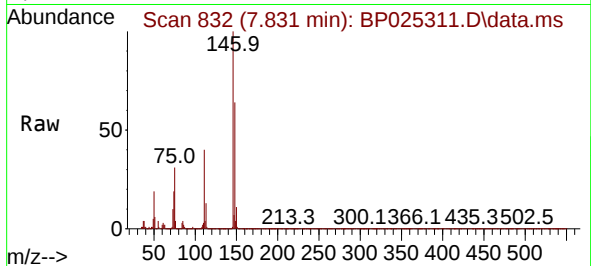




#13
1,4-Dichlorobenzene
Concen: 39.960 ng
RT: 7.831 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

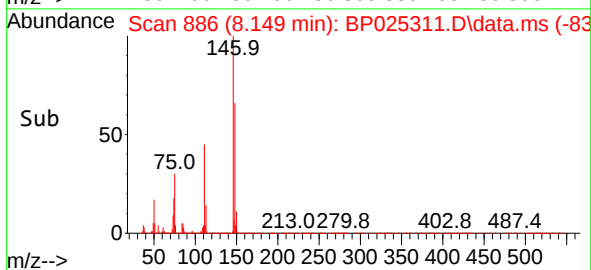
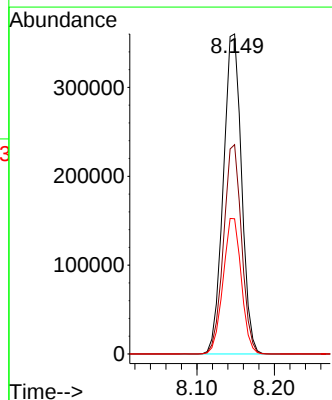
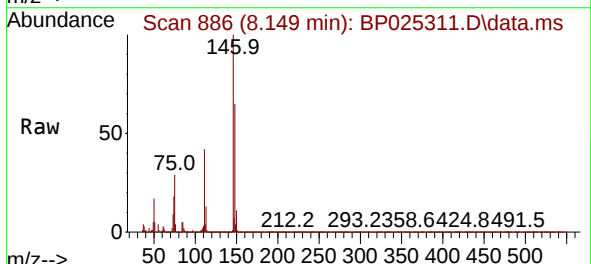
Instrument :
BNA_P
ClientSampleId :
PB169138BS

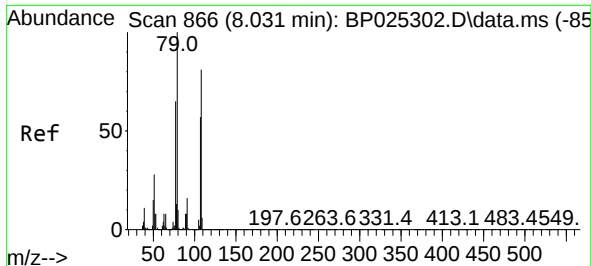
Tgt Ion:146 Resp: 612626
Ion Ratio Lower Upper
146 100
148 63.7 52.0 78.0
111 40.4 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 39.616 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:146 Resp: 588350
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
111 42.3 34.4 51.6

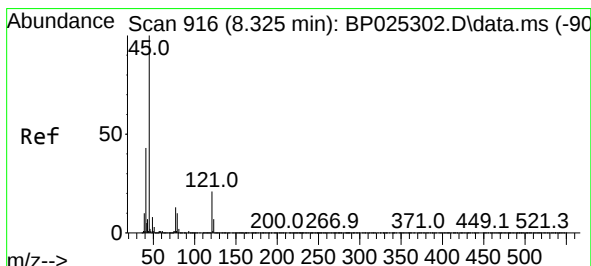
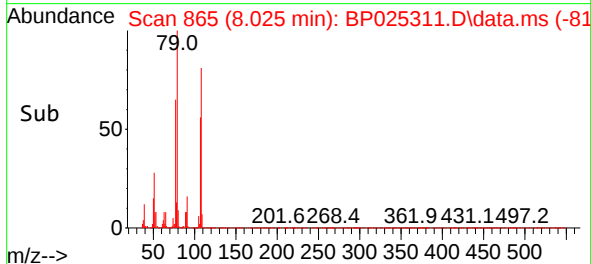
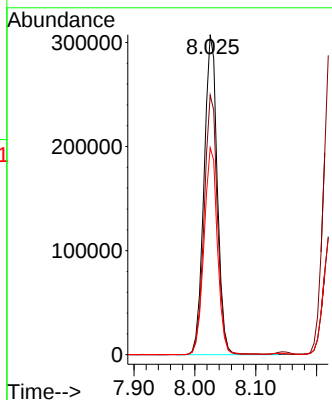
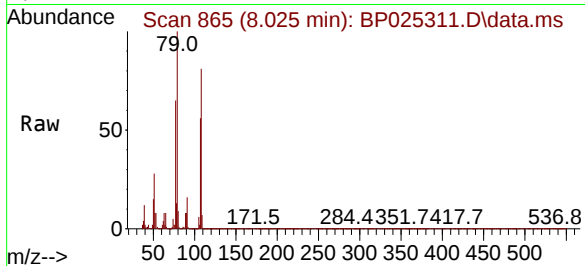




#15
Benzyl Alcohol
Concen: 37.124 ng
RT: 8.025 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

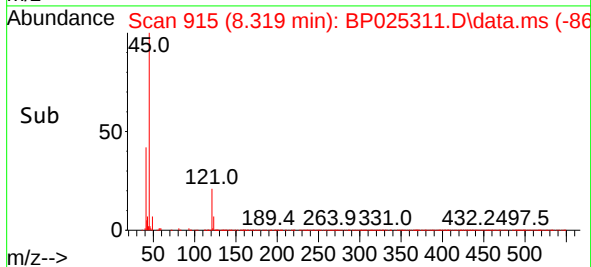
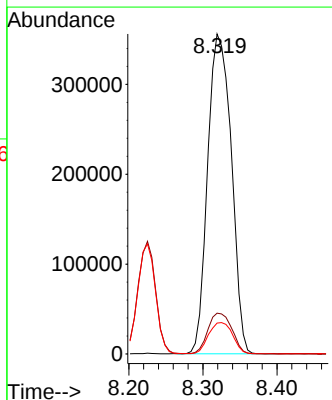
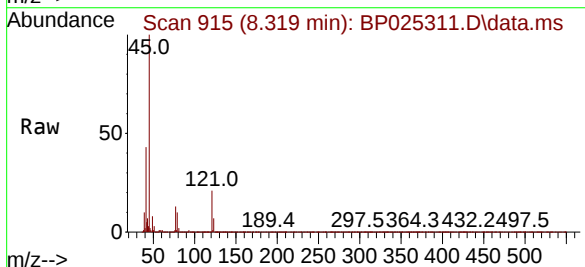
Instrument :
BNA_P
ClientSampleId :
PB169138BS

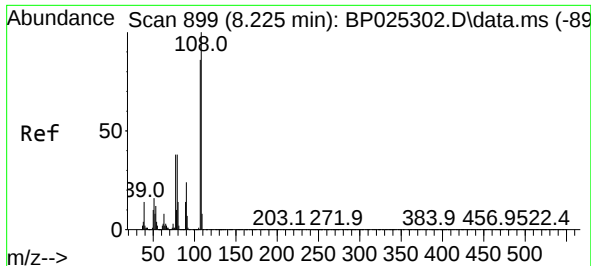
Tgt Ion: 79 Resp: 466609
Ion Ratio Lower Upper
79 100
108 81.1 64.5 96.7
77 64.7 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.822 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 45 Resp: 790722
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.0
79 9.6 0.0 29.8

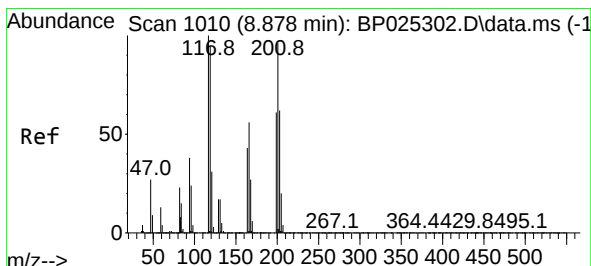
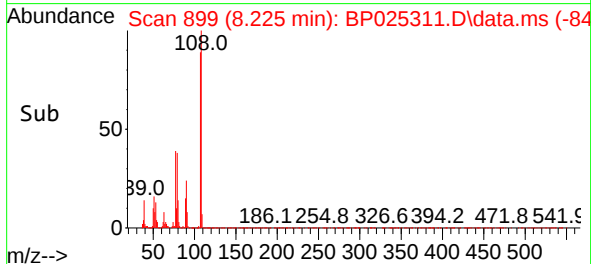
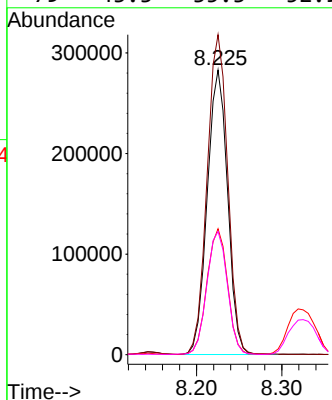
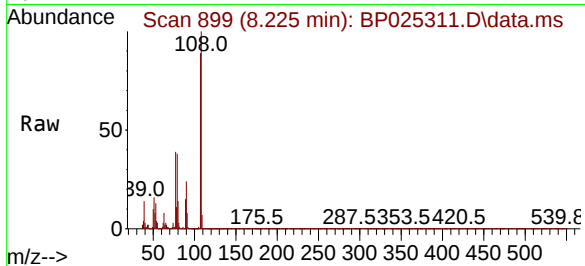




#17
2-Methylphenol
Concen: 40.409 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

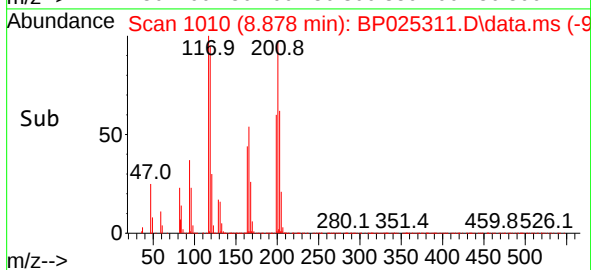
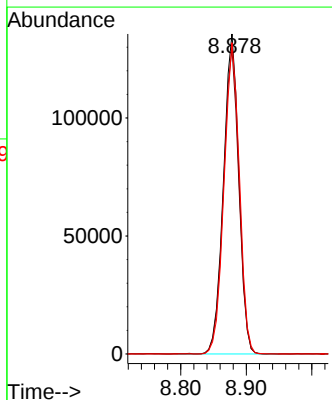
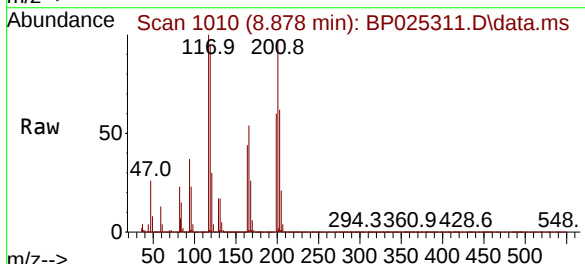
Instrument :
BNA_P
ClientSampleId :
PB169138BS

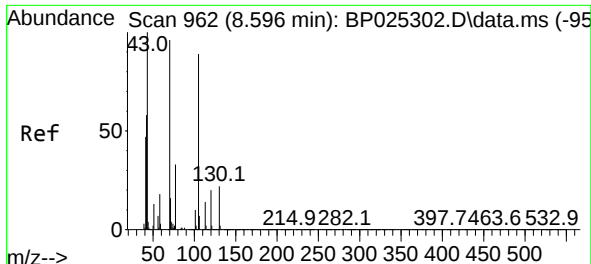
Tgt Ion:	107	Resp:	469106
Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.6	139.0
77	44.3	35.4	53.2
79	43.3	35.3	52.9



#18
Hexachloroethane
Concen: 40.370 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:	117	Resp:	221334
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	97.3	76.6	114.8

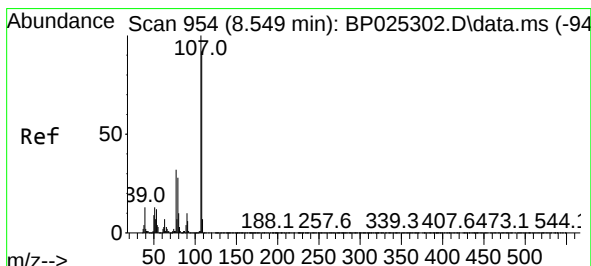
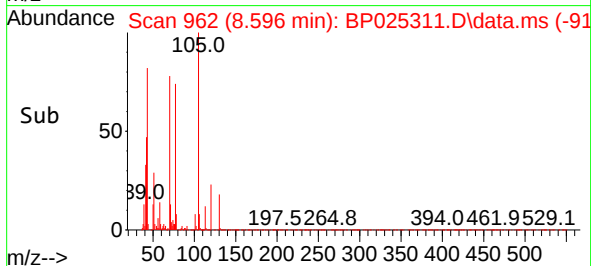
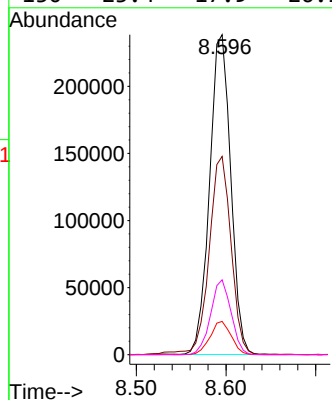
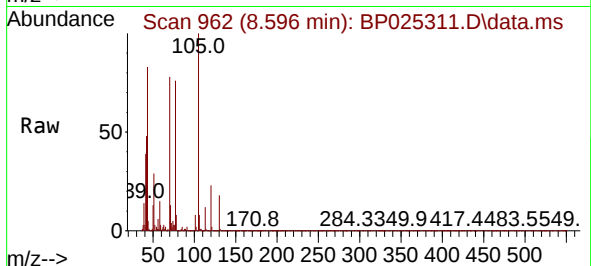




#19
n-Nitroso-di-n-propylamine
Concen: 36.632 ng
RT: 8.596 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

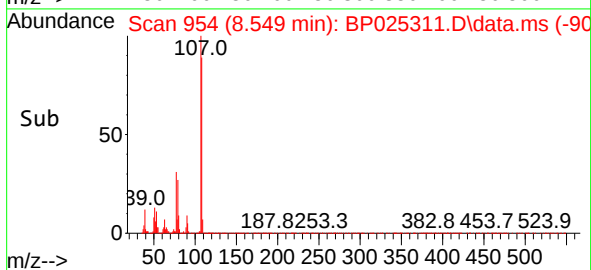
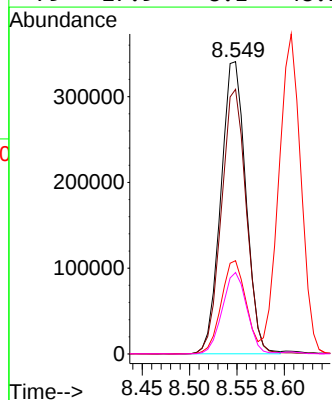
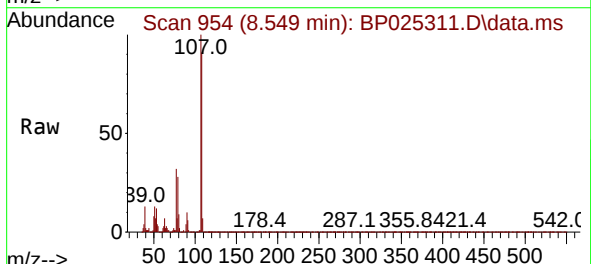
Instrument :
BNA_P
ClientSampleId :
PB169138BS

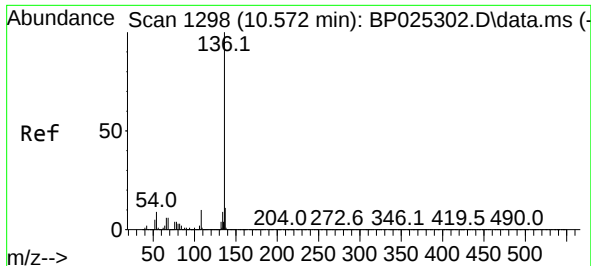
Tgt Ion: 70 Resp: 390263
Ion Ratio Lower Upper
70 100
42 62.0 49.4 74.0
101 10.4 7.9 11.9
130 23.4 17.9 26.9



#20
3+4-Methylphenols
Concen: 39.207 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 107 Resp: 626755
Ion Ratio Lower Upper
107 100
108 90.5 71.9 111.9
77 31.9 12.0 52.0
79 27.9 8.1 48.1

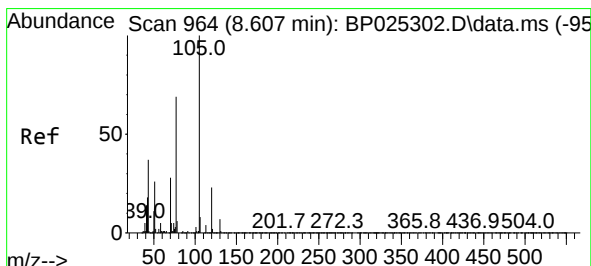
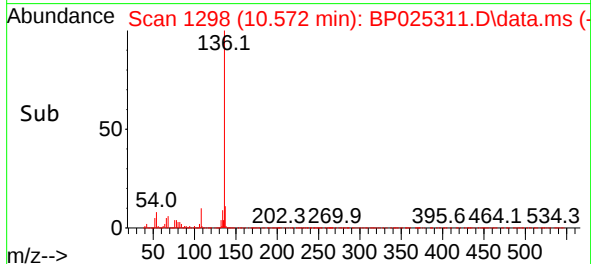
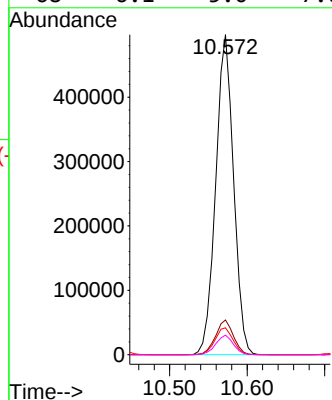
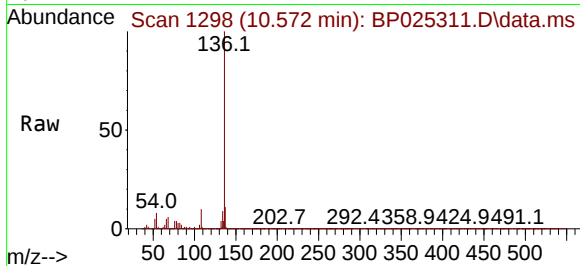




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

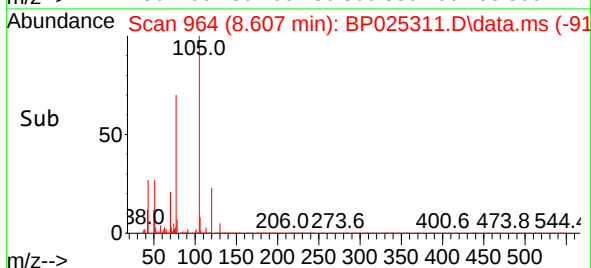
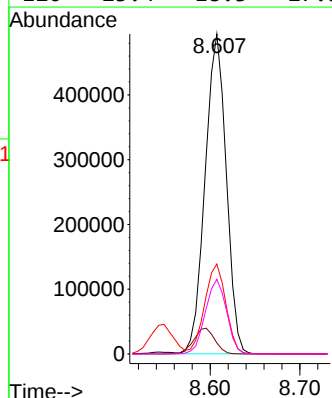
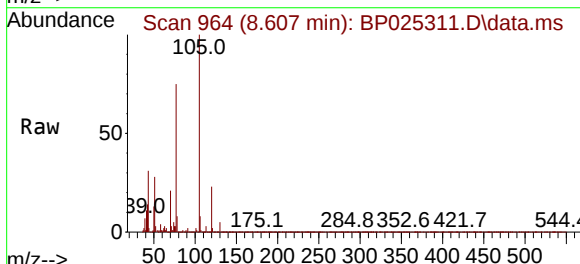
Instrument :
BNA_P
ClientSampleId :
PB169138BS

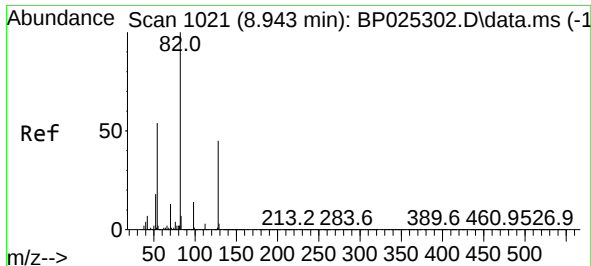
Tgt Ion:	136	Resp:	794123
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	7.0	10.6
68	6.1	5.0	7.6



#22
Acetophenone
Concen: 40.541 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:	105	Resp:	808212
Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.1	6.1
51	28.1	22.7	34.1
120	23.4	18.3	27.5

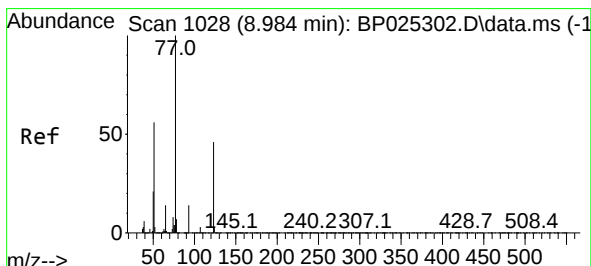
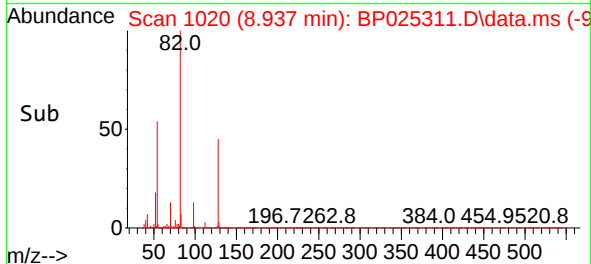
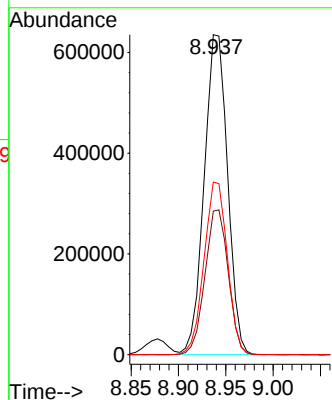
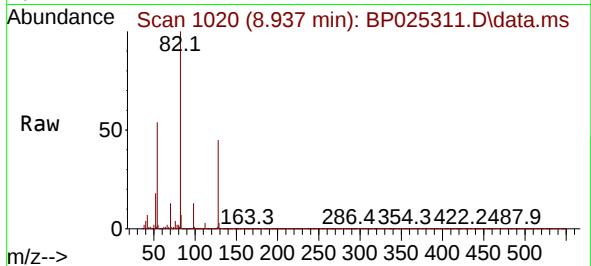




#23
Nitrobenzene-d5
Concen: 76.010 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

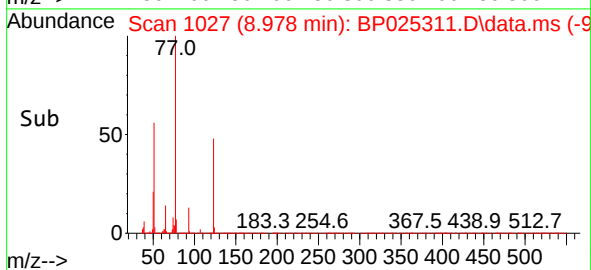
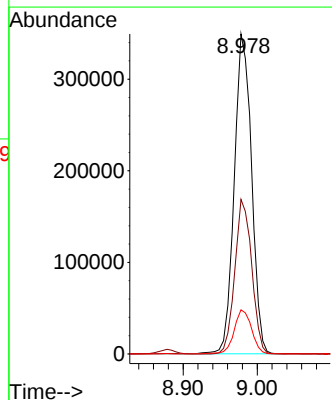
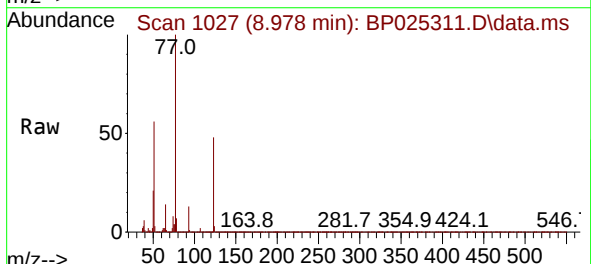
Instrument :
BNA_P
ClientSampleId :
PB169138BS

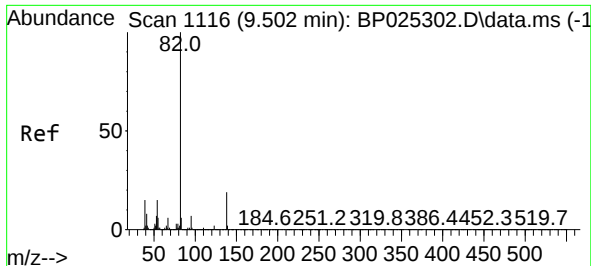
Tgt Ion: 82 Resp: 1089538
Ion Ratio Lower Upper
82 100
128 44.9 35.4 53.2
54 54.0 42.9 64.3



#24
Nitrobenzene
Concen: 41.718 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 77 Resp: 566061
Ion Ratio Lower Upper
77 100
123 48.3 37.4 56.2
65 13.8 11.1 16.7

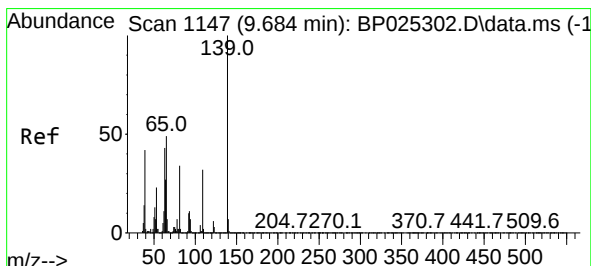
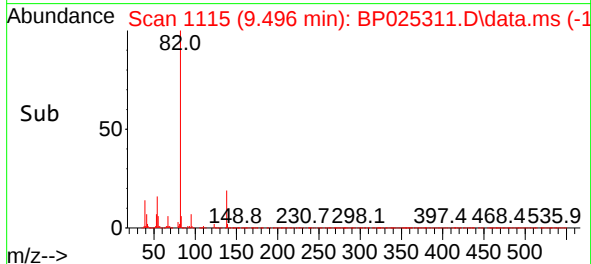
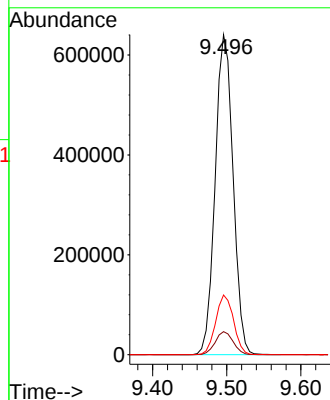
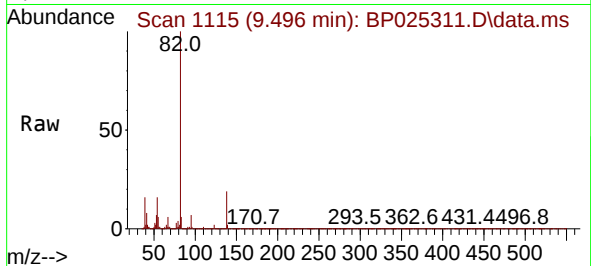




#25
Isophorone
Concen: 37.664 ng
RT: 9.496 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

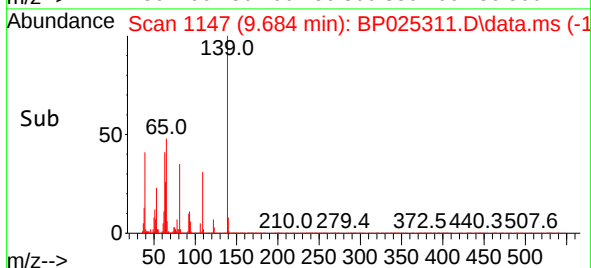
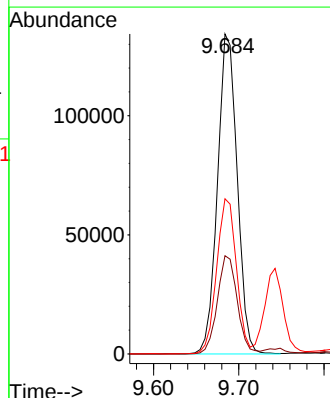
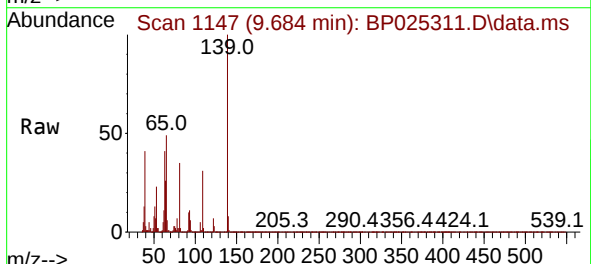
Instrument :
BNA_P
ClientSampleId :
PB169138BS

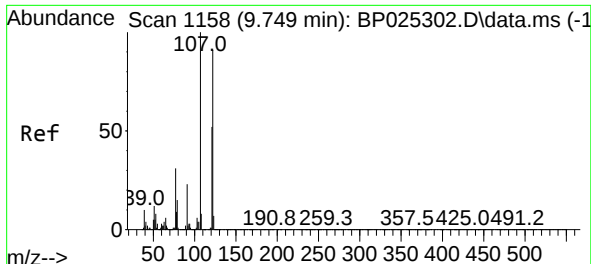
Tgt Ion: 82 Resp: 1074666
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.7 15.0 22.6



#26
2-Nitrophenol
Concen: 37.378 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 139 Resp: 215783
Ion Ratio Lower Upper
139 100
109 30.7 25.2 37.8
65 48.5 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 40.682 ng

RT: 9.743 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

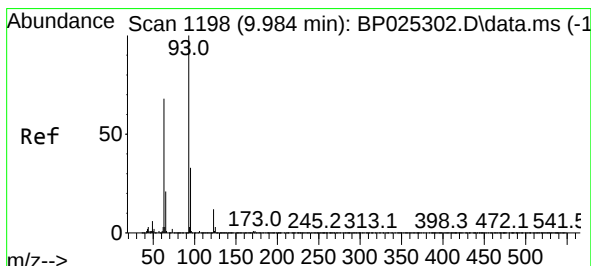
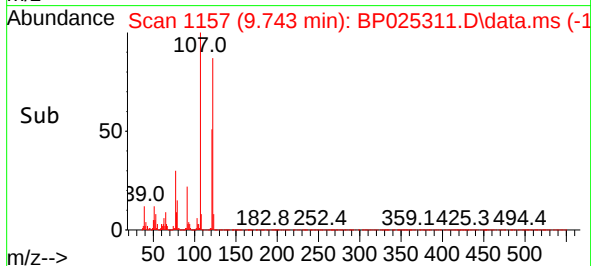
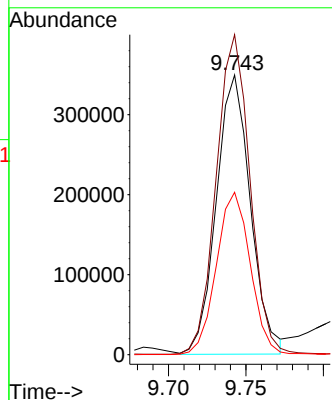
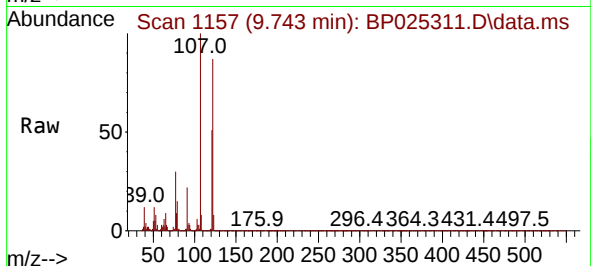
Tgt Ion:122 Resp: 535157

Ion Ratio Lower Upper

122 100

107 114.4 87.4 131.0

121 58.1 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.806 ng

RT: 9.984 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

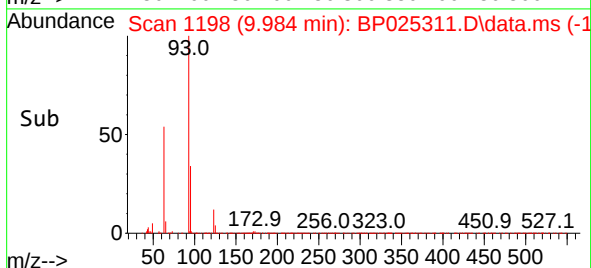
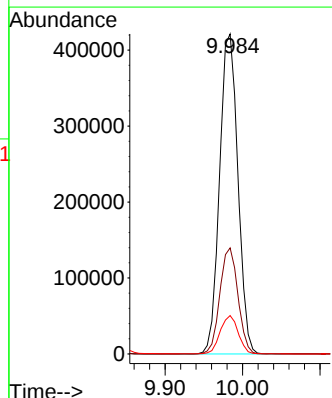
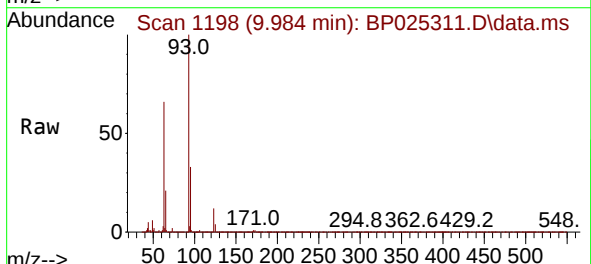
Tgt Ion: 93 Resp: 690923

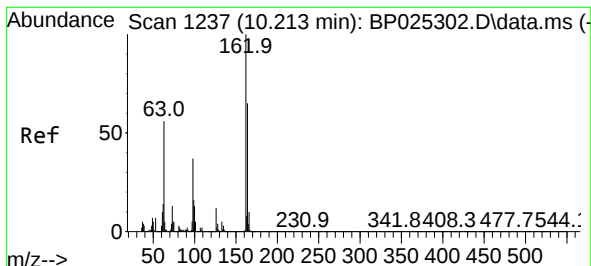
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 12.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.219 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

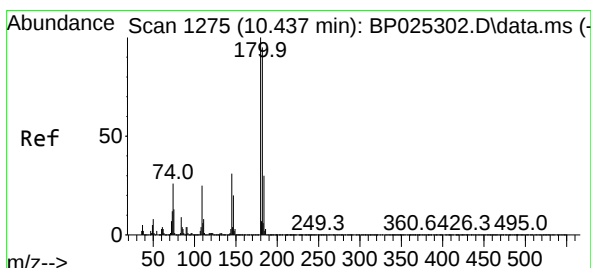
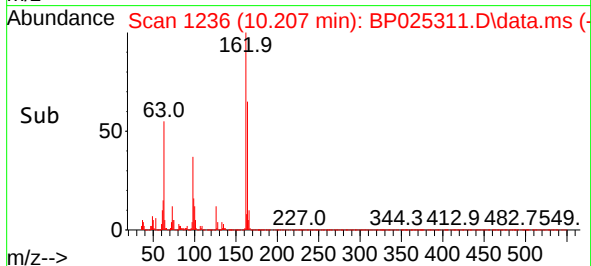
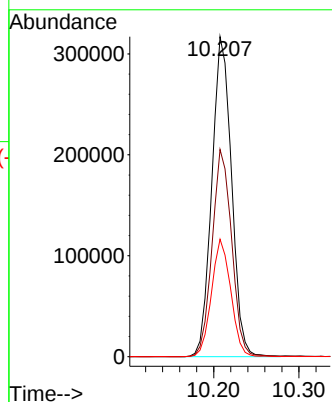
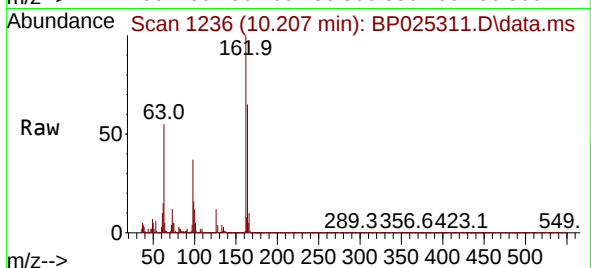
Tgt Ion:162 Resp: 509262

Ion Ratio Lower Upper

162 100

164 64.7 45.2 85.2

98 36.7 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 41.413 ng

RT: 10.437 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

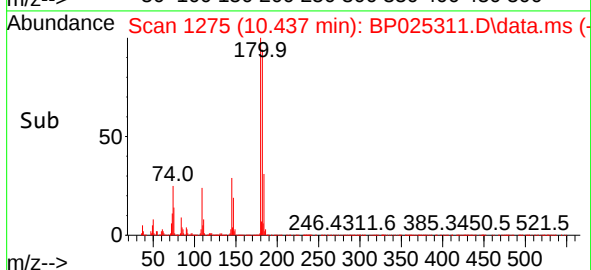
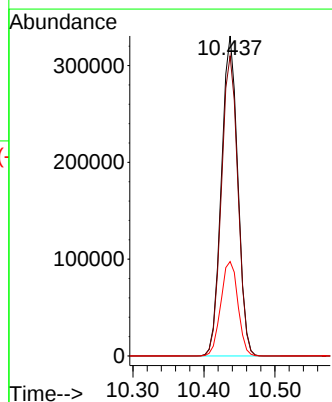
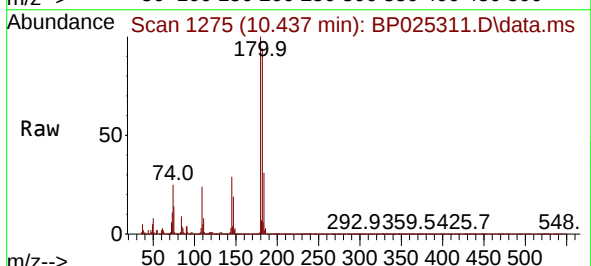
Tgt Ion:180 Resp: 526190

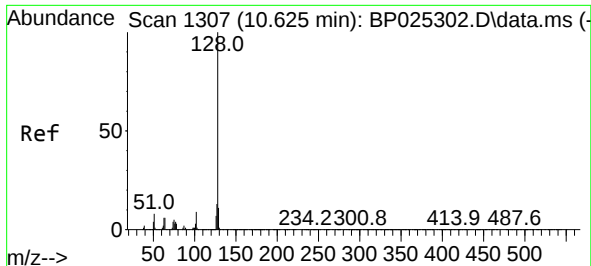
Ion Ratio Lower Upper

180 100

182 93.8 75.8 113.8

145 29.5 25.0 37.4

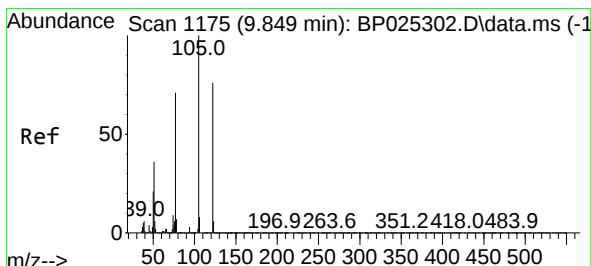
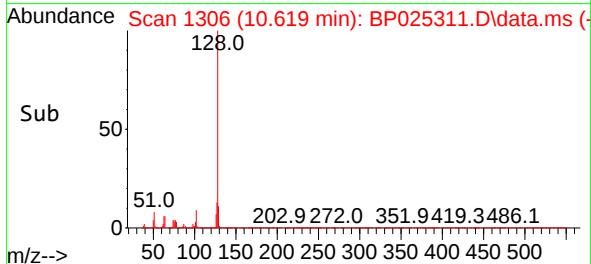
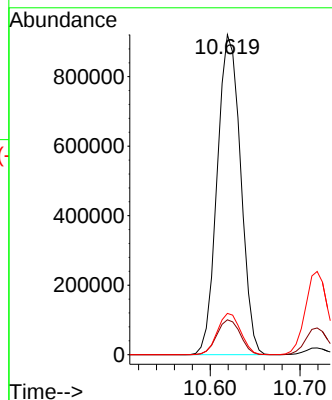
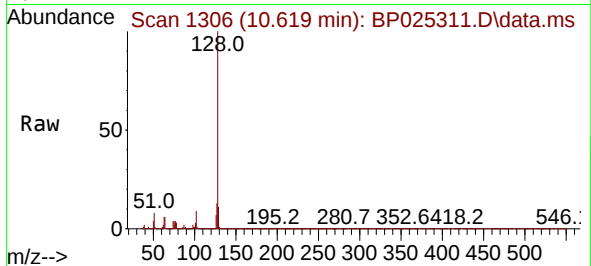




#31
Naphthalene
Concen: 40.482 ng
RT: 10.619 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

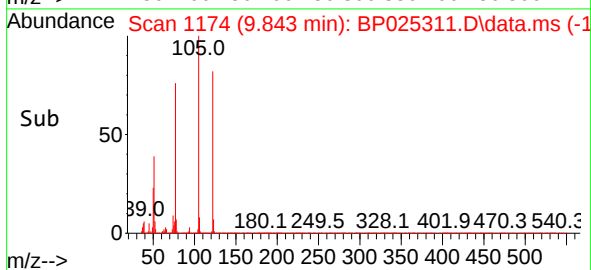
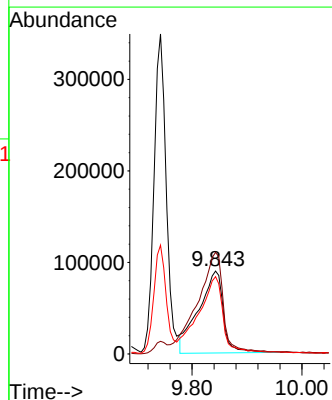
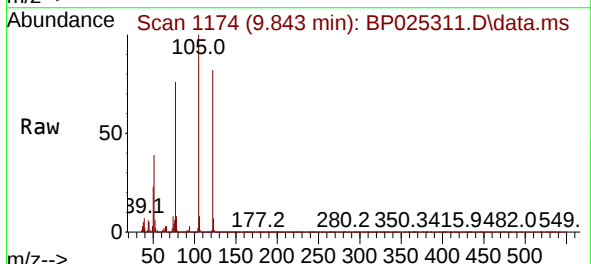
Instrument :
BNA_P
ClientSampleId :
PB169138BS

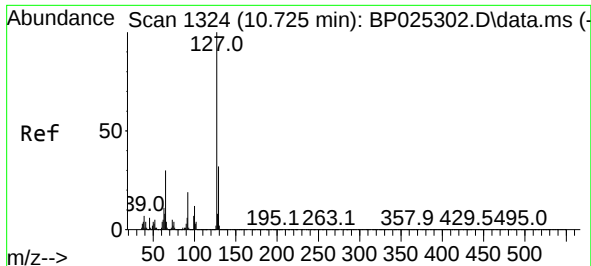
Tgt Ion:128 Resp: 1668863
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 40.093 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:122 Resp: 279191
Ion Ratio Lower Upper
122 100
105 122.5 104.0 144.0
77 93.2 71.8 111.8

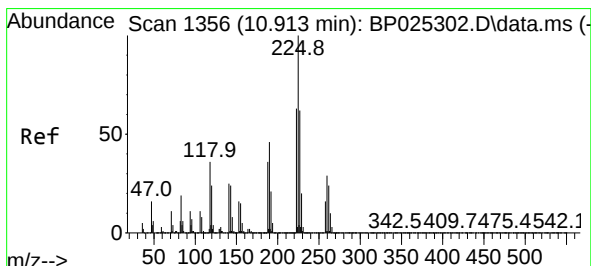
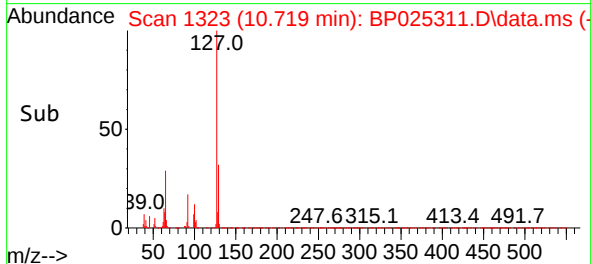
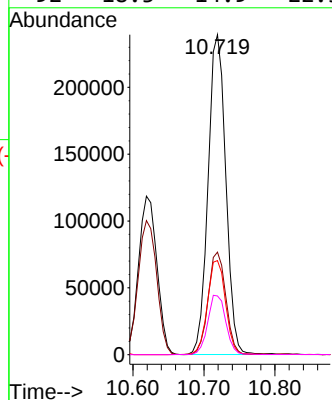
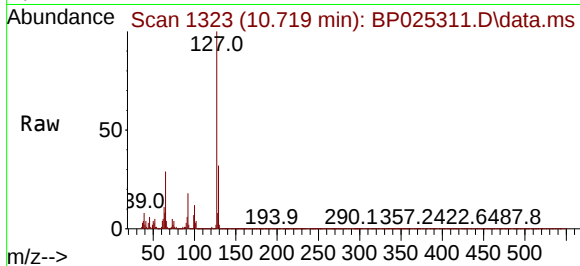




#33
4-Chloroaniline
Concen: 22.655 ng
RT: 10.719 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

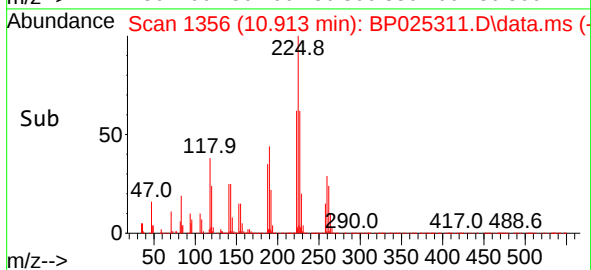
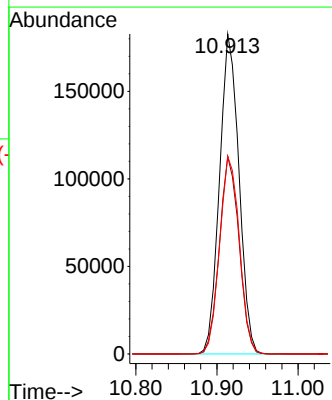
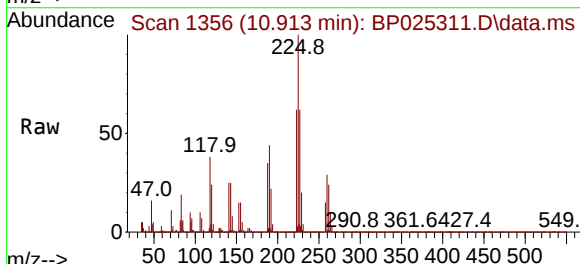
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BNA_P
ClientSampleId :
PB169138BS

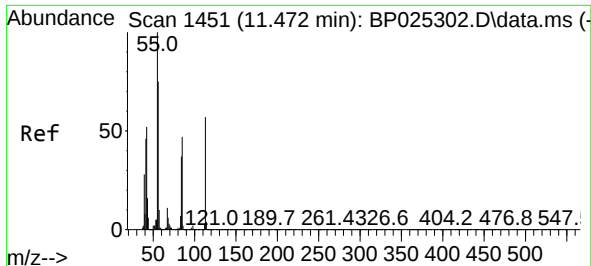
Tgt Ion:	127	Resp:	415384
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	29.4	23.6	35.4
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 41.690 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:	225	Resp:	304068
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	61.8	49.7	74.5

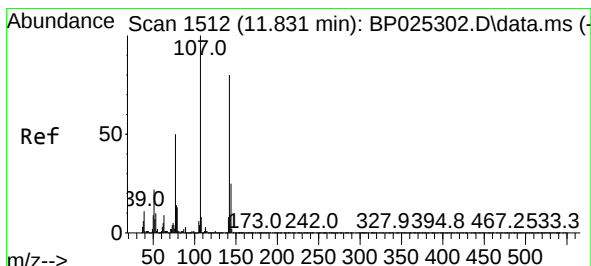
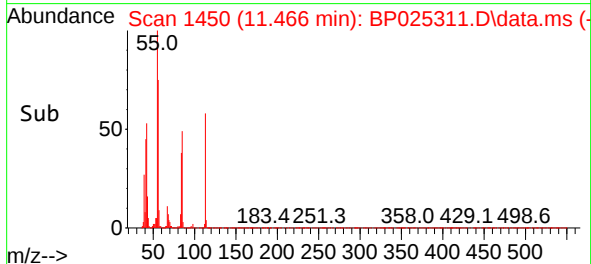
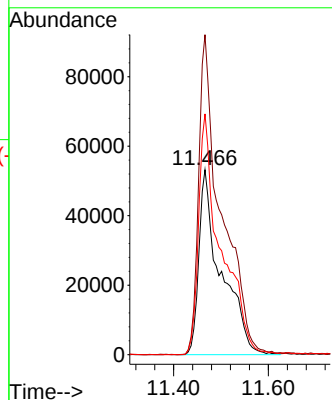
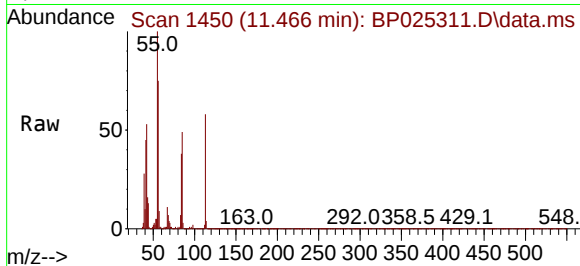




#35
Caprolactam
Concen: 38.787 ng
RT: 11.466 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

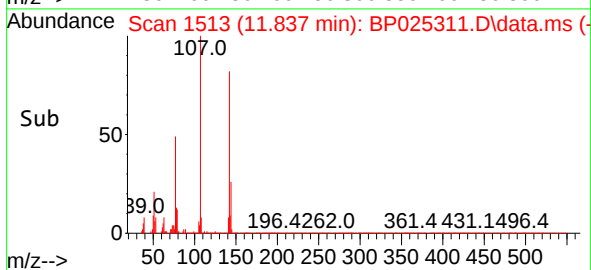
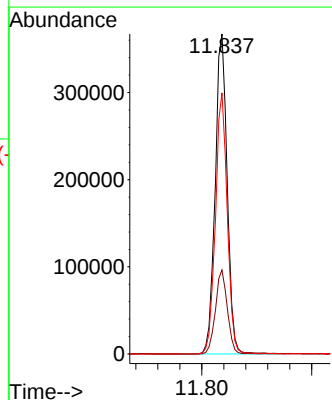
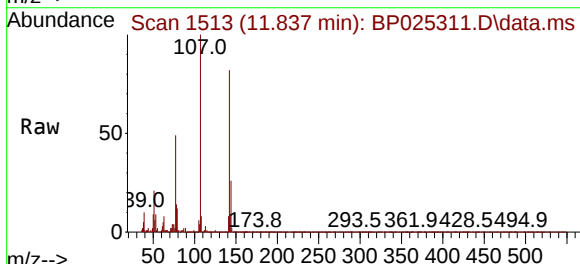
Instrument :
BNA_P
ClientSampleId :
PB169138BS

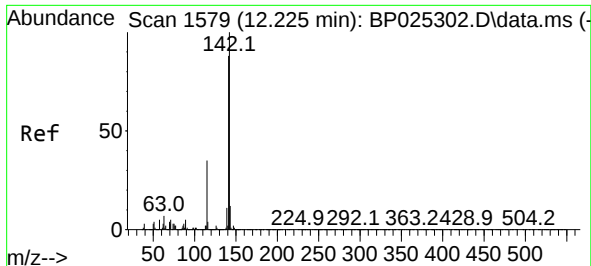
Tgt Ion:113 Resp: 173293
Ion Ratio Lower Upper
113 100
55 173.0 154.4 194.4
56 130.2 110.9 150.9



#36
4-Chloro-3-methylphenol
Concen: 41.856 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:107 Resp: 557781
Ion Ratio Lower Upper
107 100
144 26.3 20.4 30.6
142 81.6 63.7 95.5

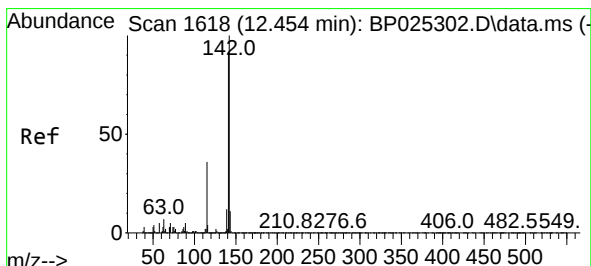
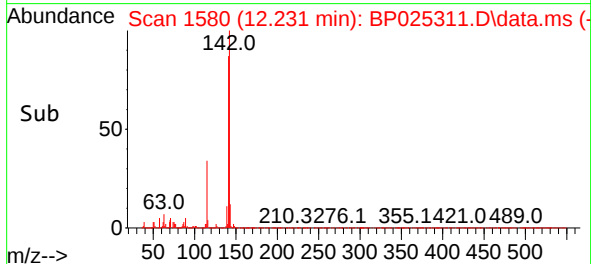
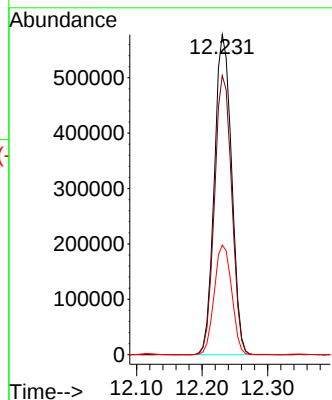
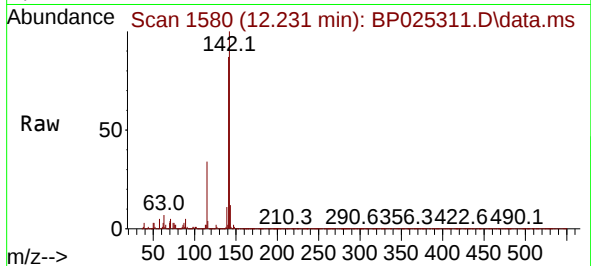




#37
2-Methylnaphthalene
Concen: 39.326 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

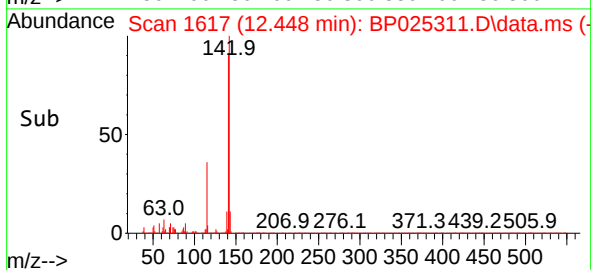
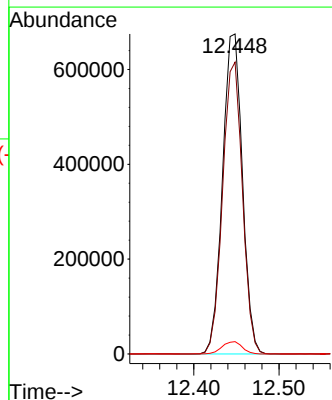
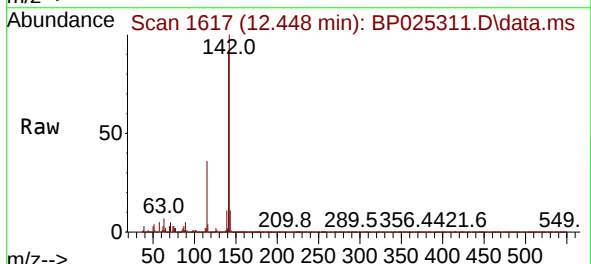
Instrument :
BNA_P
ClientSampleId :
PB169138BS

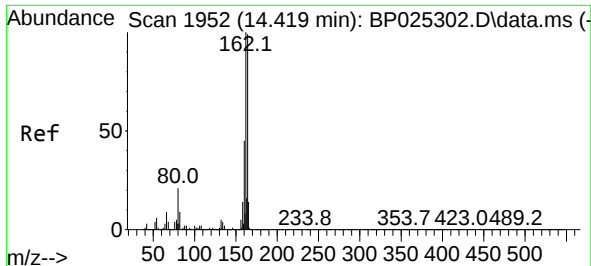
Tgt Ion:142 Resp: 1049330
Ion Ratio Lower Upper
142 100
141 87.2 70.4 105.6
115 34.2 28.0 42.0



#38
1-Methylnaphthalene
Concen: 39.343 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:142 Resp: 1095364
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6
116 3.8 3.0 4.6

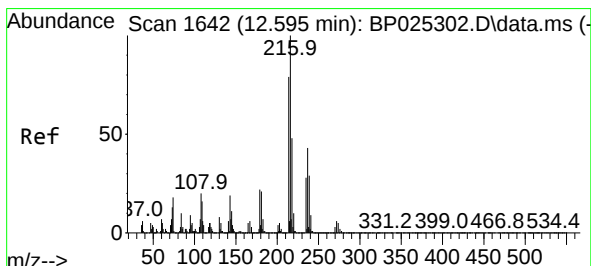
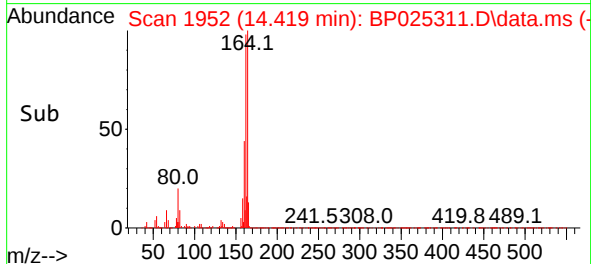
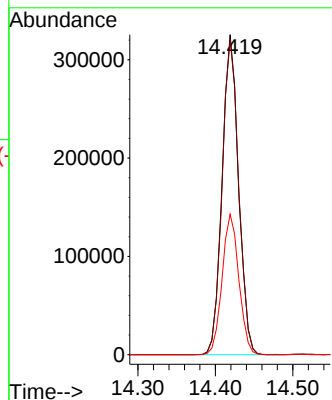
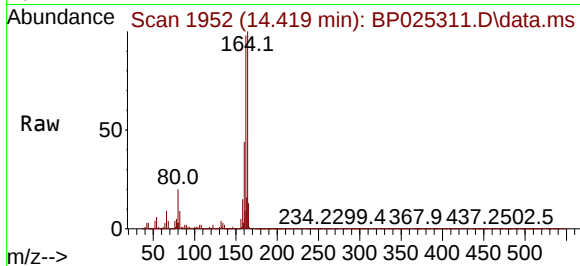




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

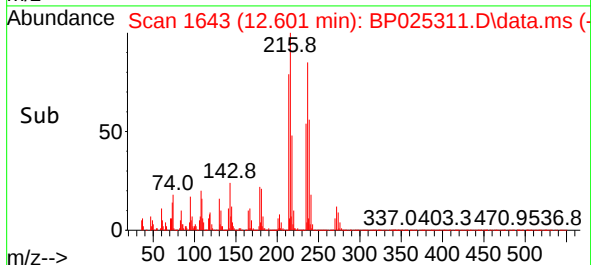
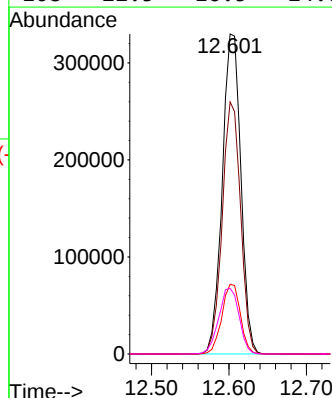
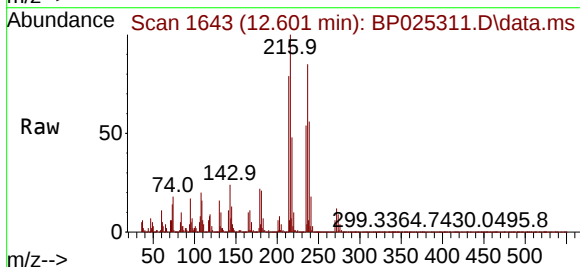
Instrument :
BNA_P
ClientSampleId :
PB169138BS

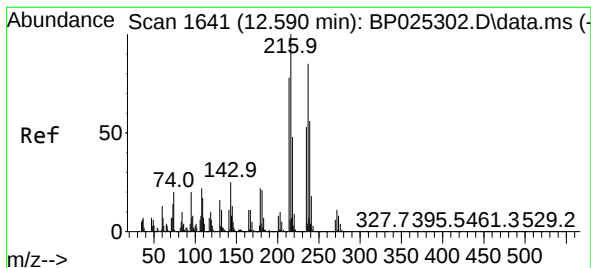
Tgt Ion:164 Resp: 479965
Ion Ratio Lower Upper
164 100
162 98.4 80.6 120.8
160 43.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.052 ng
RT: 12.601 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:216 Resp: 551039
Ion Ratio Lower Upper
216 100
214 77.8 62.4 93.6
179 21.7 17.5 26.3
108 22.5 16.5 24.7





#41

Hexachlorocyclopentadiene

Concen: 87.326 ng

RT: 12.595 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

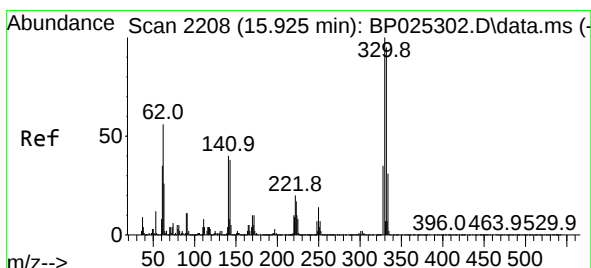
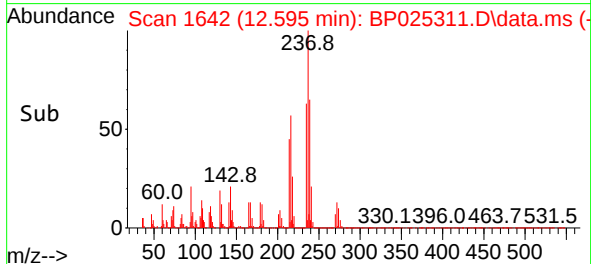
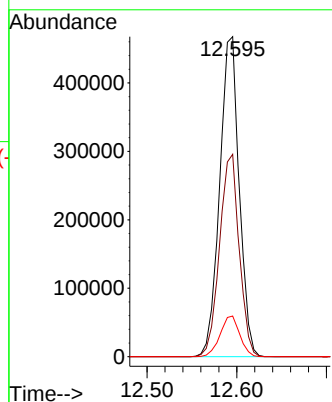
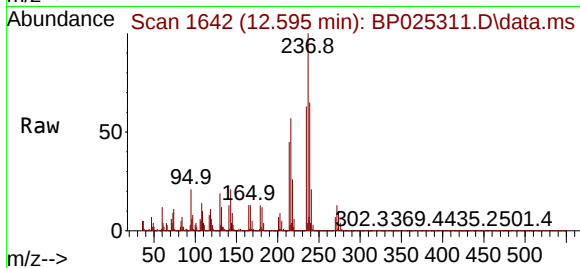
Tgt Ion:237 Resp: 706251

Ion Ratio Lower Upper

237 100

235 63.2 42.2 82.2

272 12.7 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 124.465 ng

RT: 15.925 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

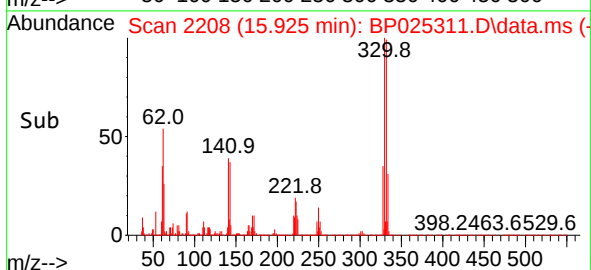
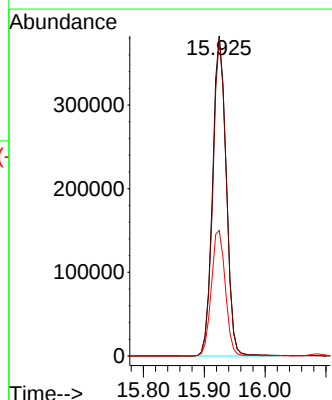
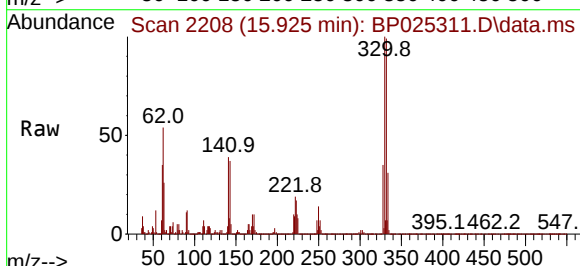
Tgt Ion:330 Resp: 595962

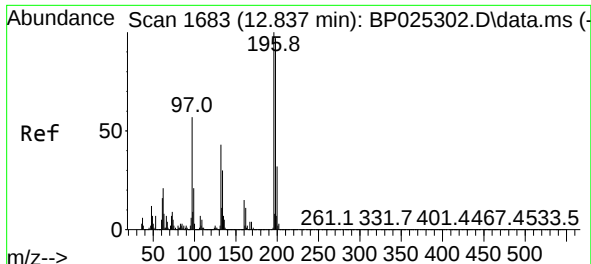
Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

141 40.3 31.7 47.5

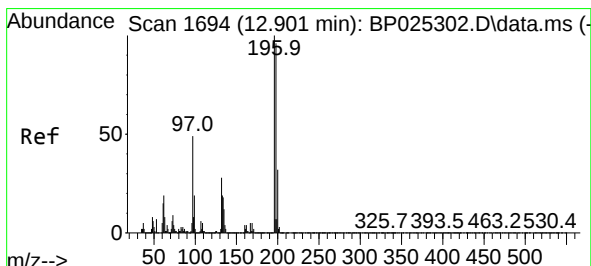
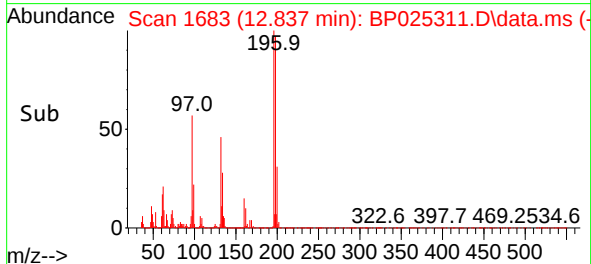
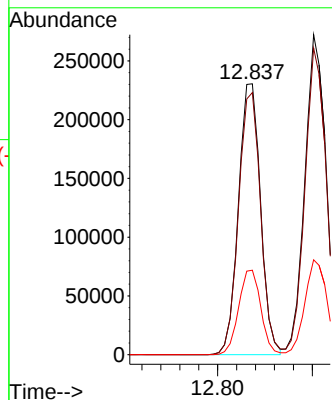
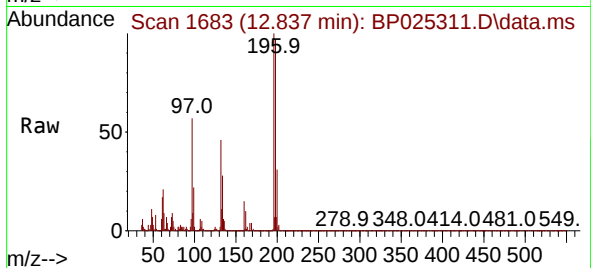




#43
2,4,6-Trichlorophenol
Concen: 44.181 ng
RT: 12.837 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

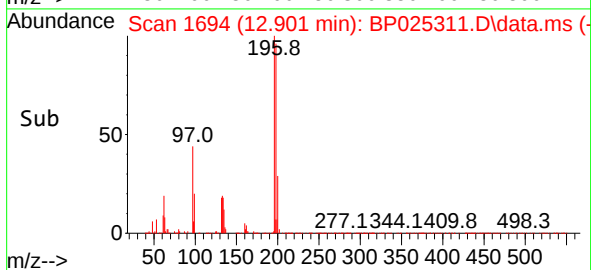
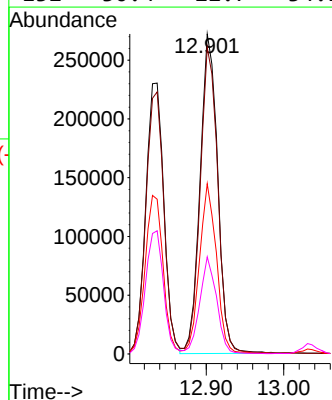
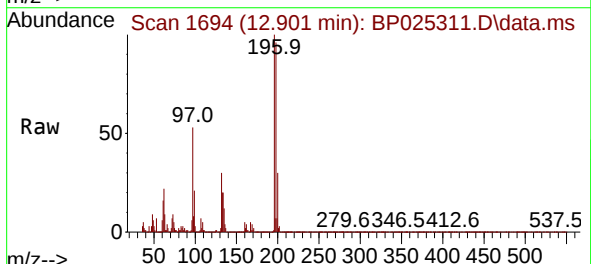
Instrument :
BNA_P
ClientSampleId :
PB169138BS

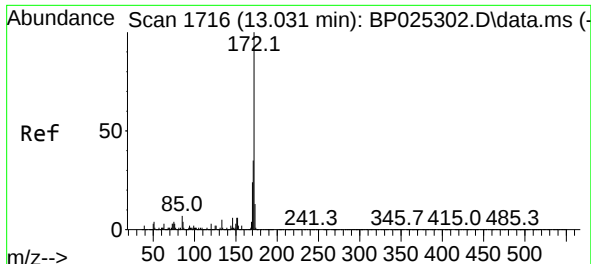
Tgt Ion:196 Resp: 373994
Ion Ratio Lower Upper
196 100
198 96.7 77.3 115.9
200 31.2 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 45.194 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:196 Resp: 429156
Ion Ratio Lower Upper
196 100
198 95.8 76.6 114.8
97 53.2 39.5 59.3
132 30.4 22.7 34.1

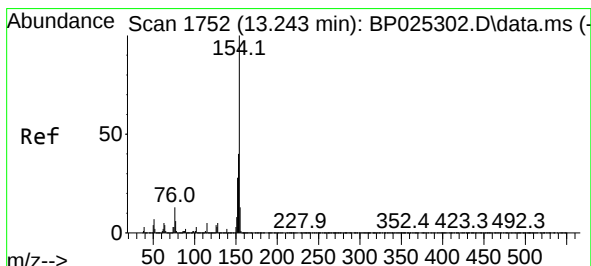
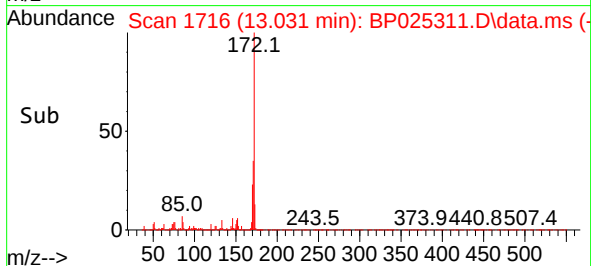
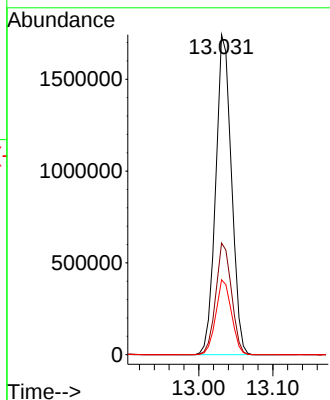
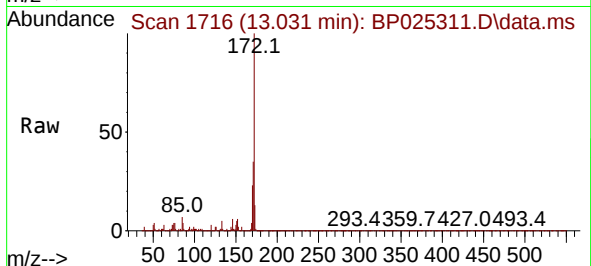




#45
2-Fluorobiphenyl
Concen: 74.166 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

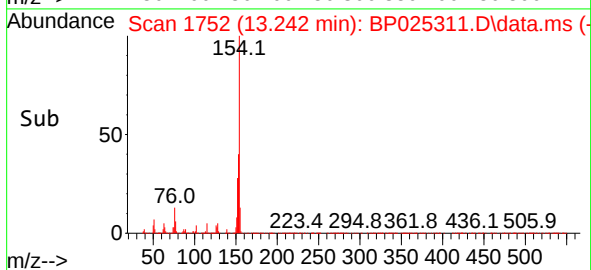
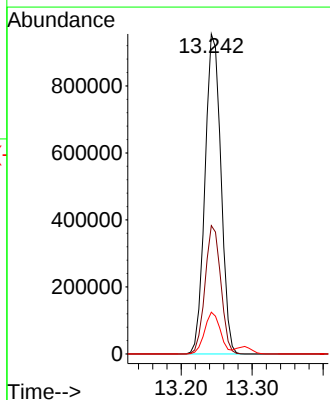
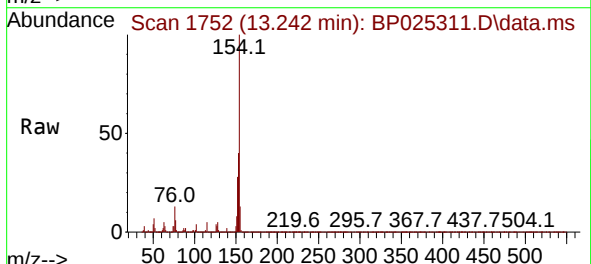
Instrument :
BNA_P
ClientSampleId :
PB169138BS

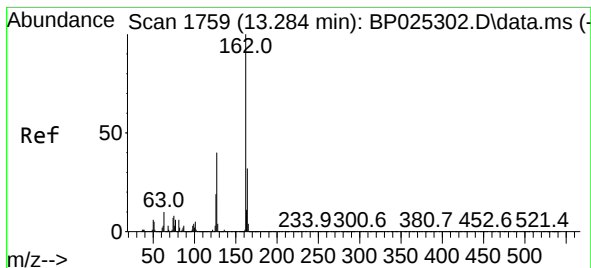
Tgt Ion:172 Resp: 2577249
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.065 ng
RT: 13.242 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:154 Resp: 1487895
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 13.0 0.0 33.2





#47

2-Chloronaphthalene

Concen: 41.978 ng

RT: 13.290 min Scan# 1760

Delta R.T. 0.005 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

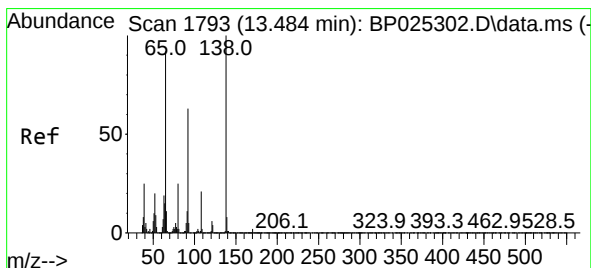
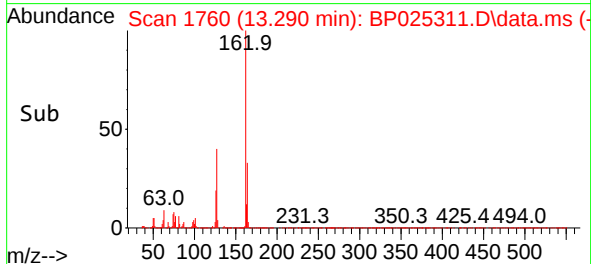
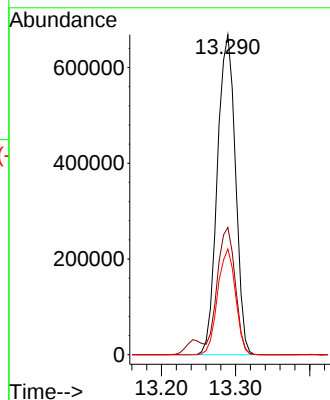
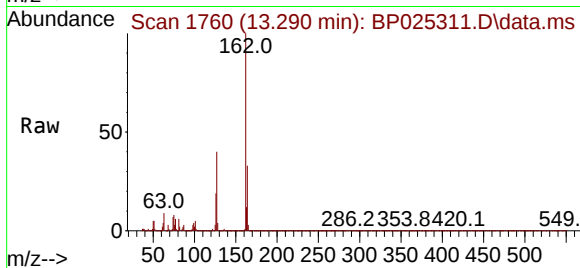
Tgt Ion:162 Resp: 1132796

Ion Ratio Lower Upper

162 100

127 39.7 32.2 48.2

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 41.475 ng

RT: 13.478 min Scan# 1792

Delta R.T. -0.006 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

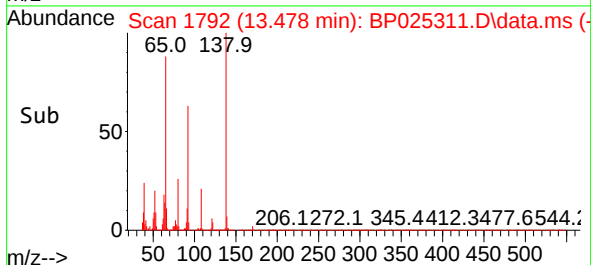
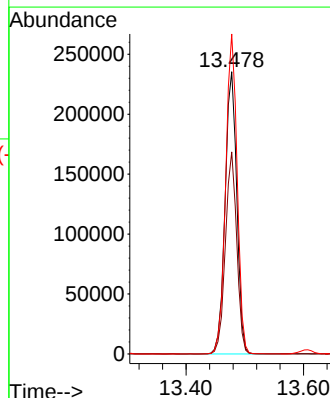
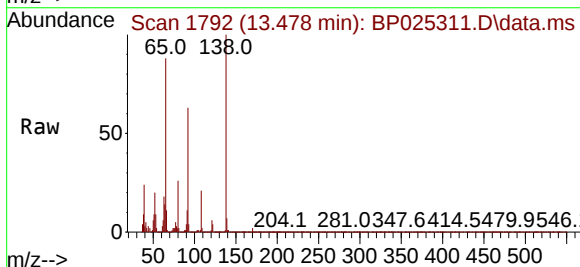
Tgt Ion: 65 Resp: 324465

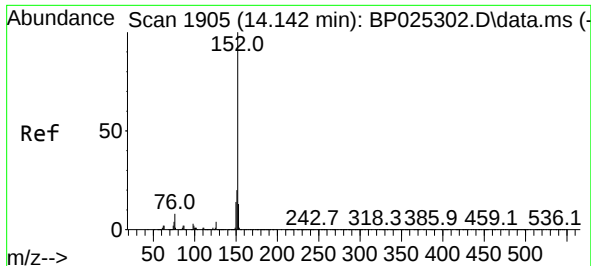
Ion Ratio Lower Upper

65 100

92 71.6 54.4 81.6

138 113.4 87.0 130.4

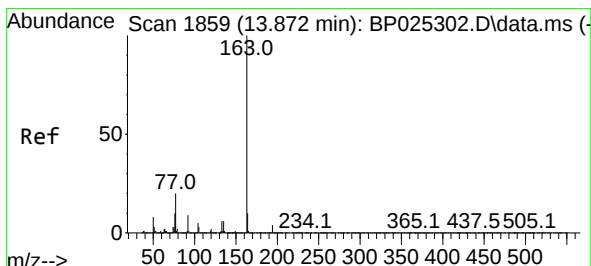
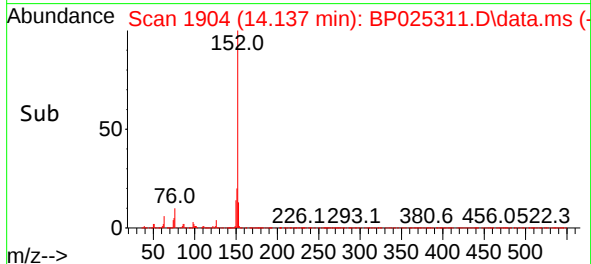
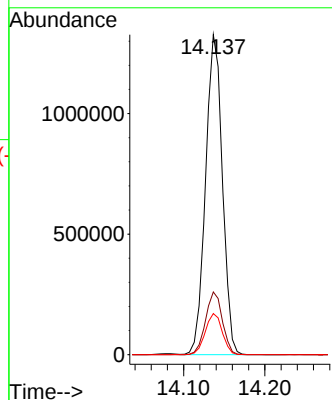
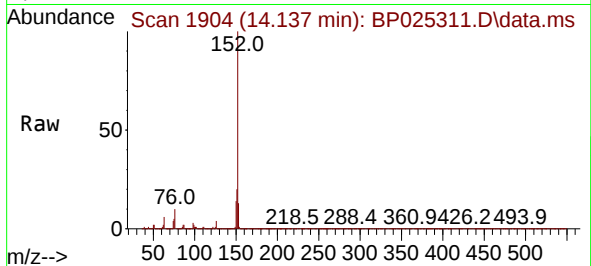




#49
Acenaphthylene
Concen: 42.328 ng
RT: 14.137 min Scan# 1904
Delta R.T. -0.005 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

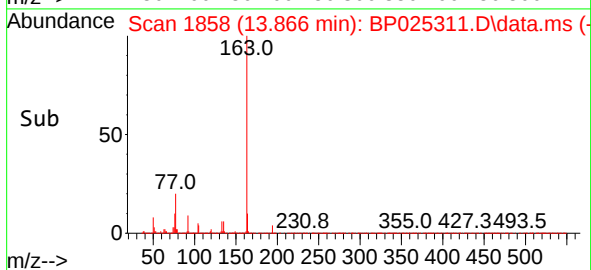
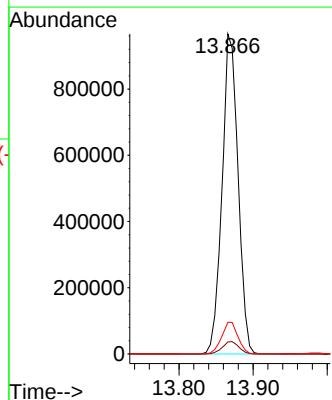
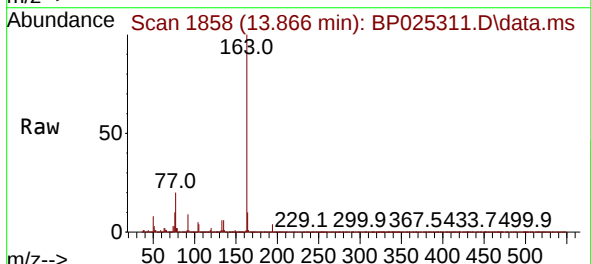
Instrument :
BNA_P
ClientSampleId :
PB169138BS

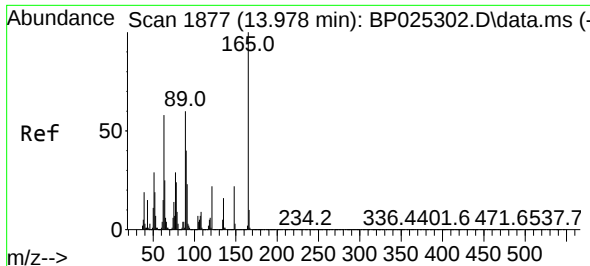
Tgt Ion:152 Resp: 1905282
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 41.356 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:163 Resp: 1447011
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.0 12.0

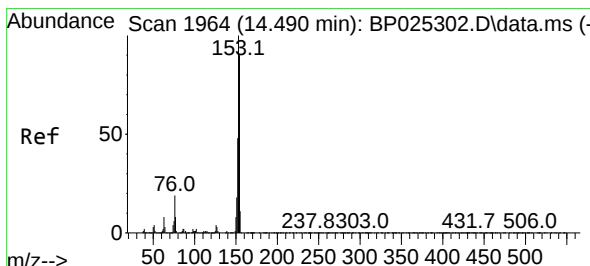
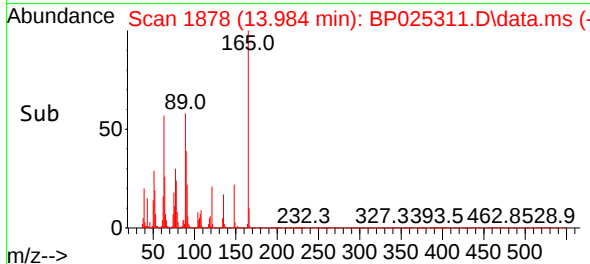
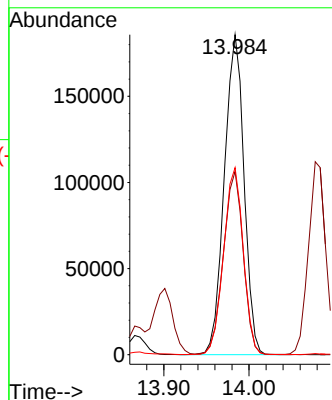
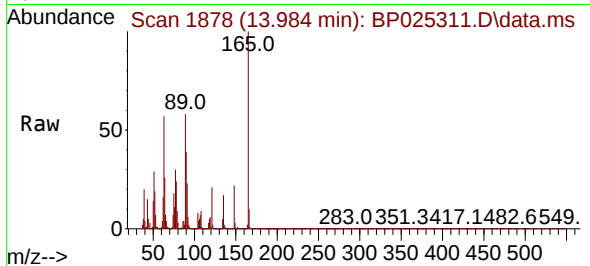




#51
2,6-Dinitrotoluene
Concen: 46.217 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

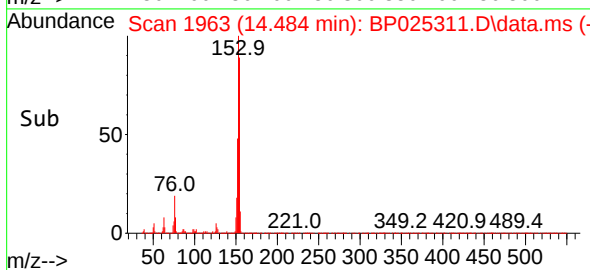
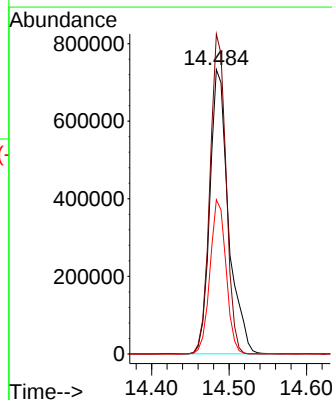
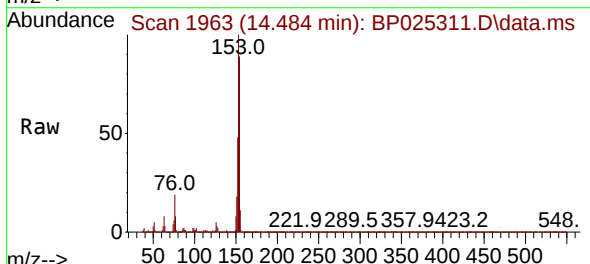
Instrument :
BNA_P
ClientSampleId :
PB169138BS

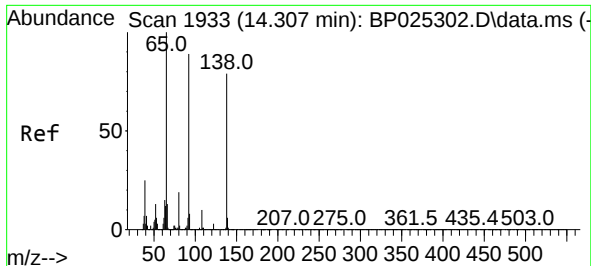
Tgt Ion:165 Resp: 298277
Ion Ratio Lower Upper
165 100
63 57.3 47.6 71.4
89 58.4 47.8 71.8



#52
Acenaphthene
Concen: 44.608 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:154 Resp: 1224767
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.0
152 54.2 43.0 64.6

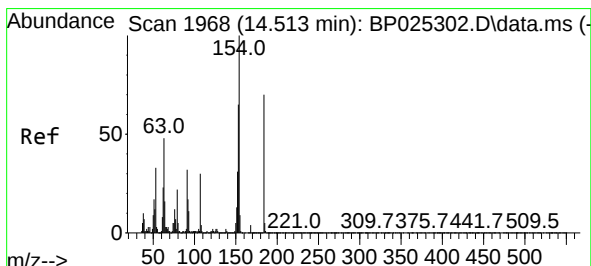
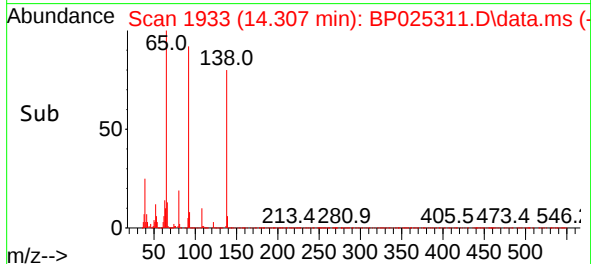
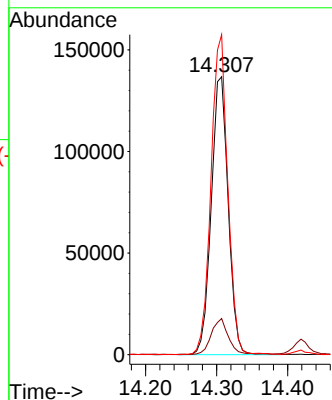
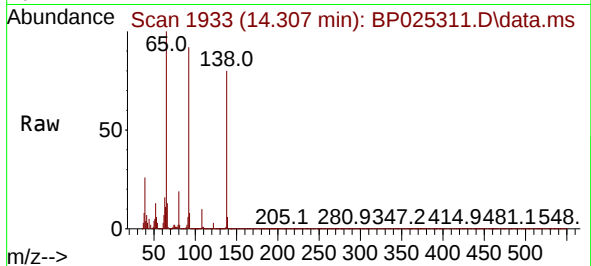




#53
3-Nitroaniline
Concen: 29.956 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

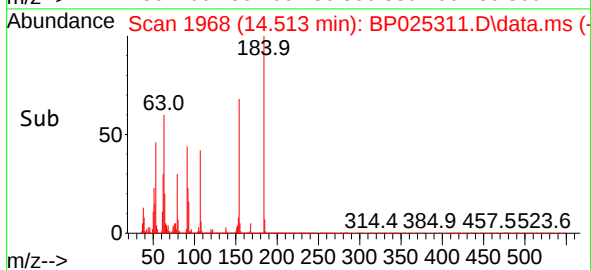
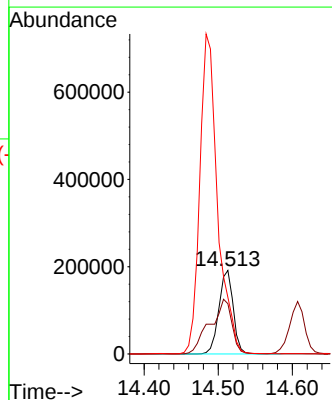
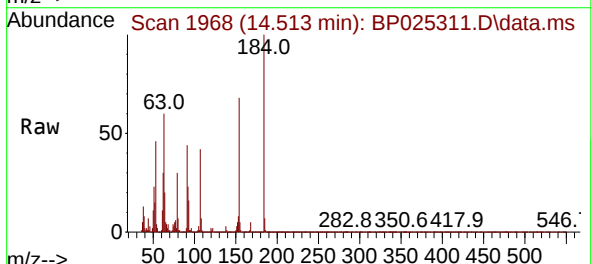
Instrument :
BNA_P
ClientSampleId :
PB169138BS

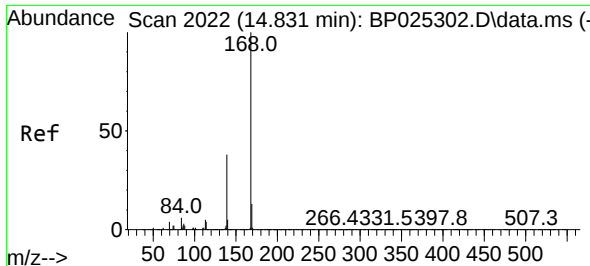
Tgt Ion:138 Resp: 226225
Ion Ratio Lower Upper
138 100
108 13.0 10.5 15.7
92 115.2 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 74.659 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:184 Resp: 257088
Ion Ratio Lower Upper
184 100
63 60.2 56.3 84.5
154 67.8 124.5 186.7#

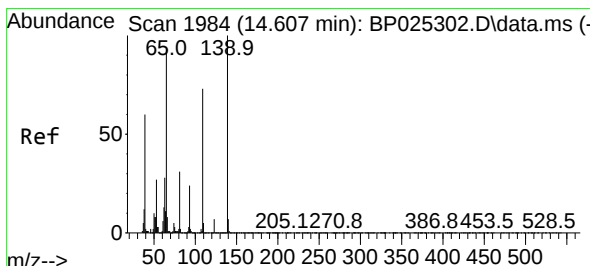
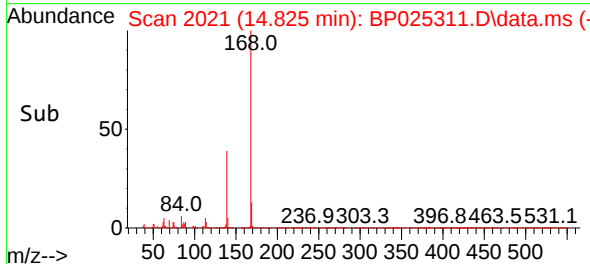
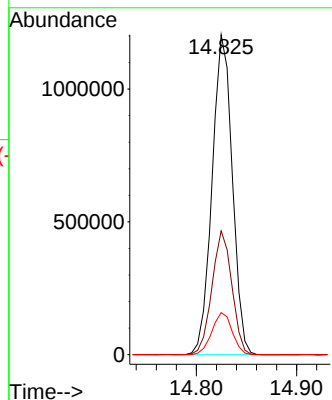
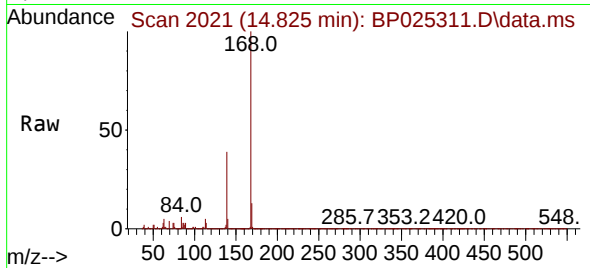




#55
Dibenzofuran
Concen: 41.085 ng
RT: 14.825 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

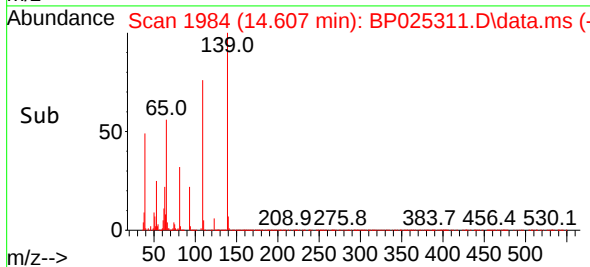
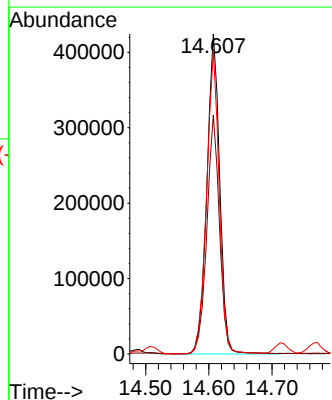
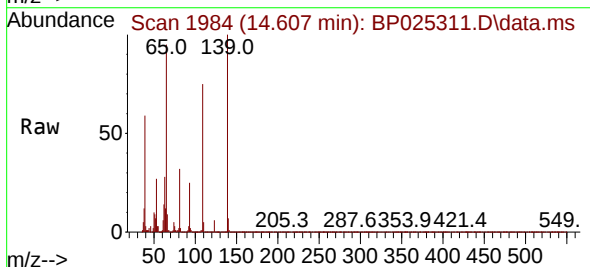
Instrument :
BNA_P
ClientSampleId :
PB169138BS

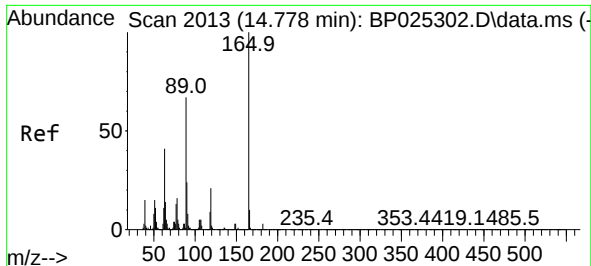
Tgt Ion:168 Resp: 1685721
Ion Ratio Lower Upper
168 100
139 38.7 30.5 45.7
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 90.316 ng
RT: 14.607 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:139 Resp: 601954
Ion Ratio Lower Upper
139 100
109 74.7 52.7 92.7
65 94.7 73.4 113.4

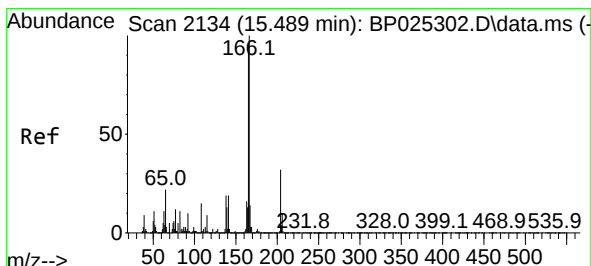
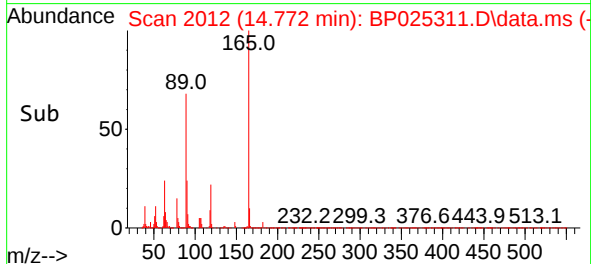
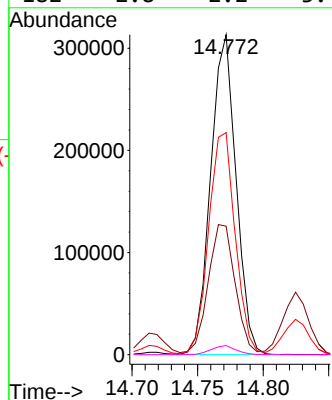
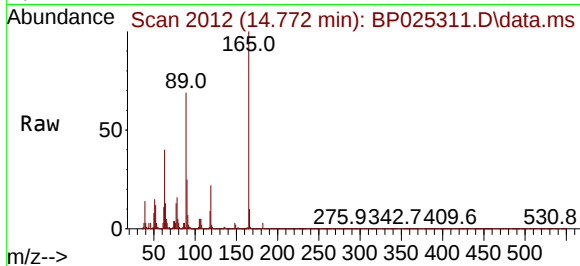




#57
2,4-Dinitrotoluene
Concen: 42.597 ng
RT: 14.772 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

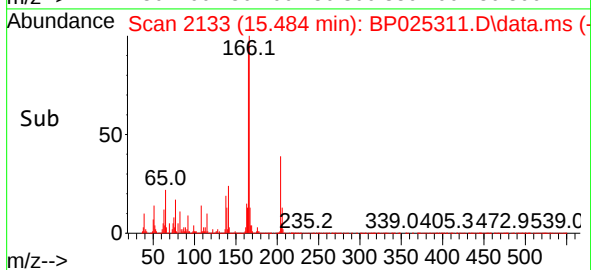
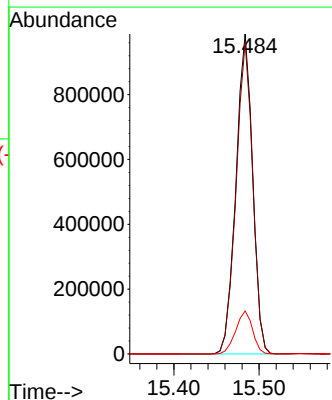
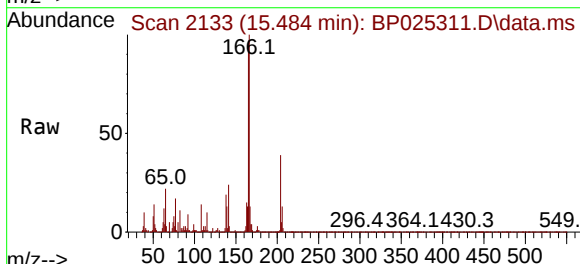
Instrument :
BNA_P
ClientSampleId :
PB169138BS

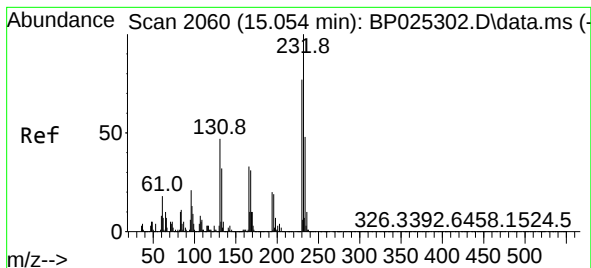
Tgt Ion:165 Resp: 422234
Ion Ratio Lower Upper
165 100
63 40.2 33.2 49.8
89 69.4 53.5 80.3
182 2.8 2.2 3.4



#58
Fluorene
Concen: 41.816 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:166 Resp: 1347554
Ion Ratio Lower Upper
166 100
165 97.2 76.7 115.1
167 13.4 10.9 16.3

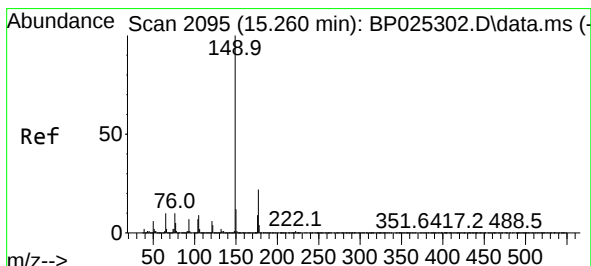
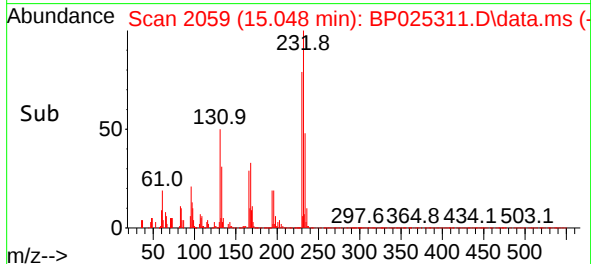
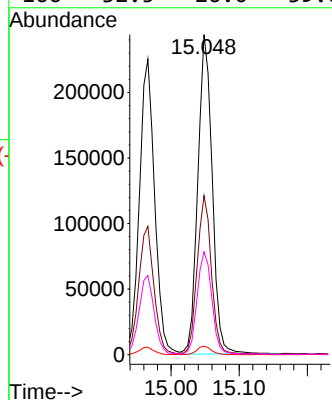
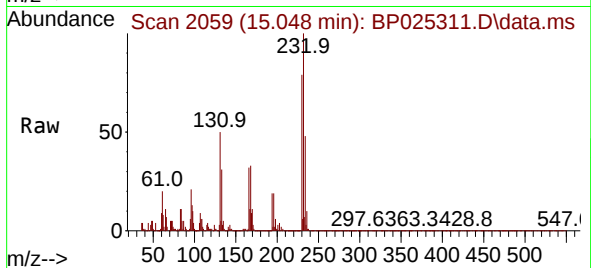




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.843 ng
RT: 15.048 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

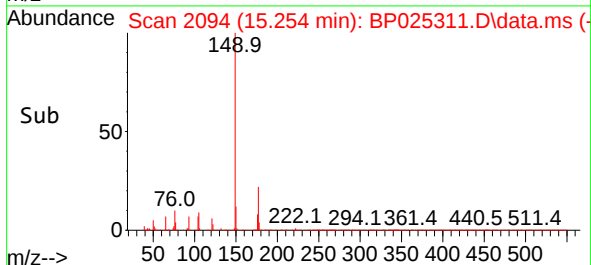
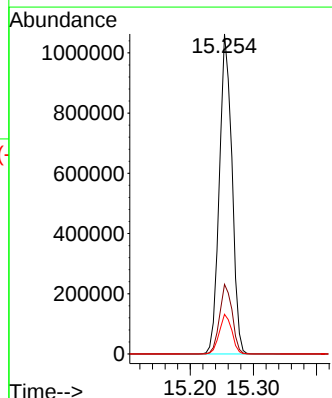
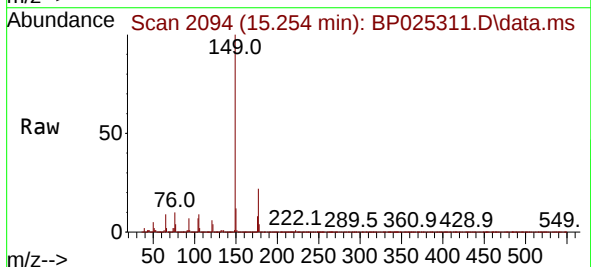
Instrument :
BNA_P
ClientSampleId :
PB169138BS

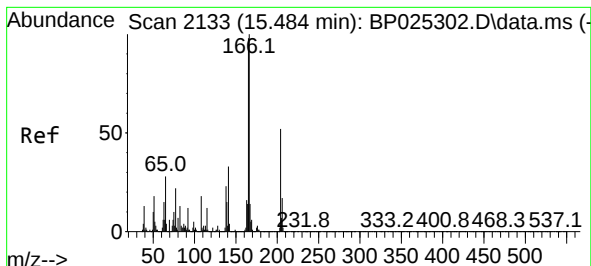
Tgt Ion:232 Resp: 355697
Ion Ratio Lower Upper
232 100
131 49.2 39.3 58.9
130 2.7 2.2 3.2
166 32.5 26.0 39.0



#60
Diethylphthalate
Concen: 41.749 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:149 Resp: 1472706
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.4 9.8 14.8

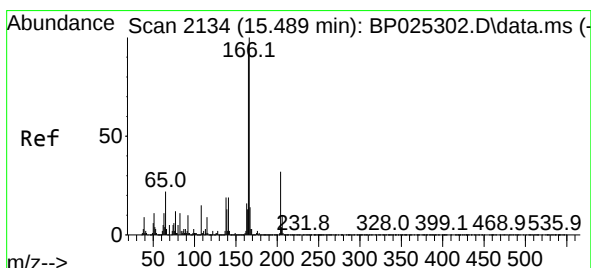
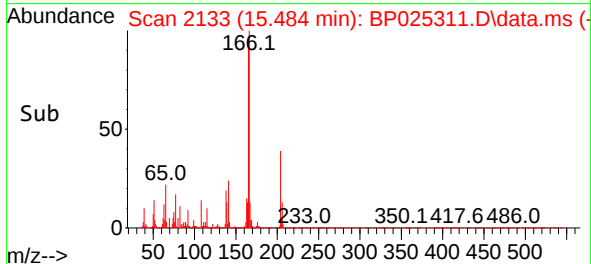
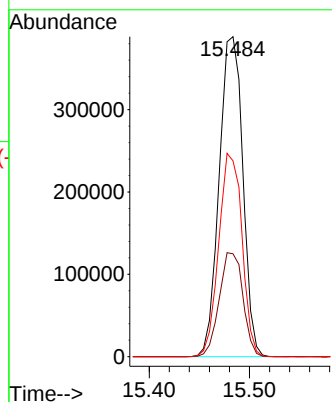
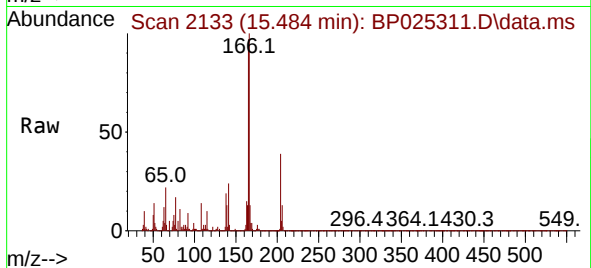




#61
4-Chlorophenyl-phenylether
Concen: 41.626 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

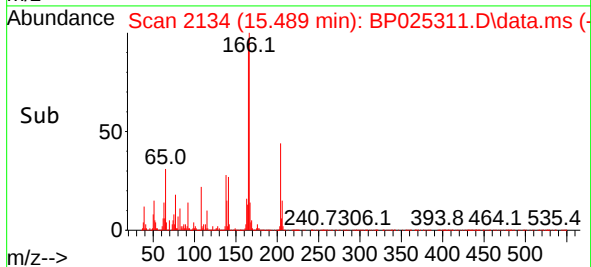
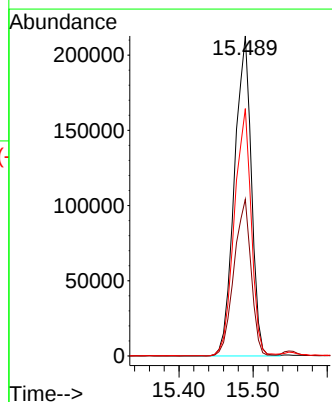
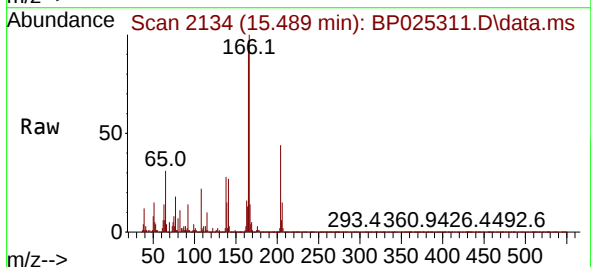
Instrument :
BNA_P
ClientSampleId :
PB169138BS

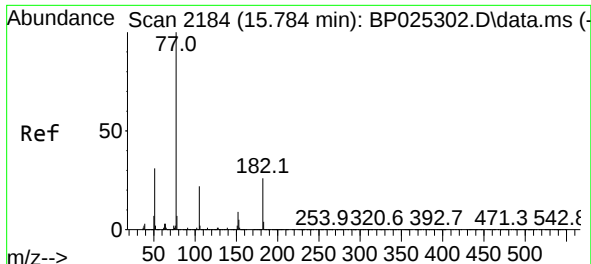
Tgt Ion:204 Resp: 635938
Ion Ratio Lower Upper
204 100
206 32.2 27.0 40.4
141 61.2 50.3 75.5



#62
4-Nitroaniline
Concen: 45.137 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:138 Resp: 337750
Ion Ratio Lower Upper
138 100
92 49.0 29.8 69.8
108 77.3 56.6 96.6



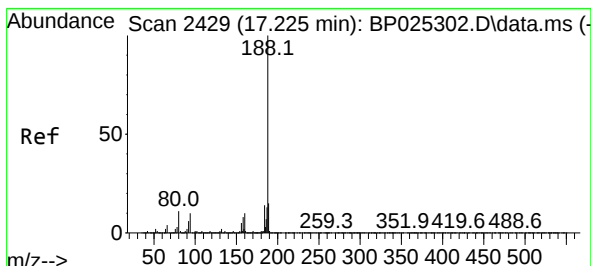
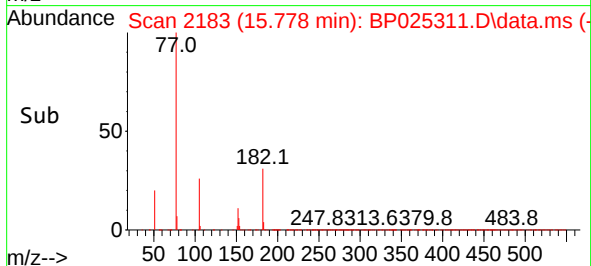
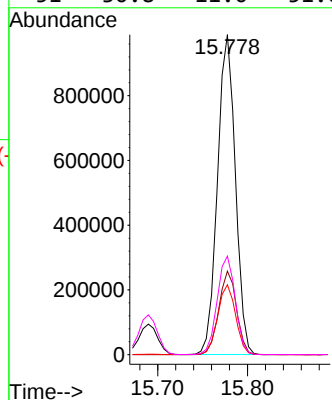
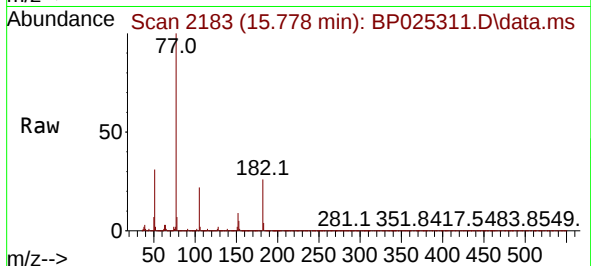


#63
Azobenzene
Concen: 41.701 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Instrument :
BNA_P
ClientSampleId :
PB169138BS

Tgt Ion: 77 Resp: 1366541

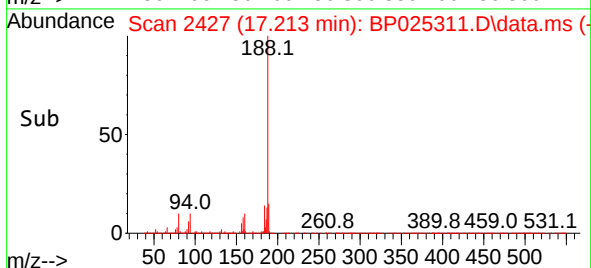
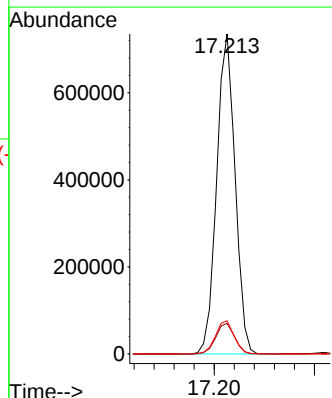
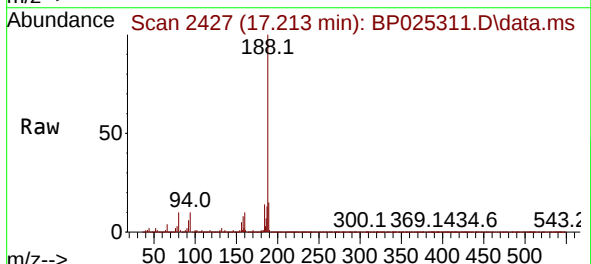
Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.0	46.0
105	21.8	2.1	42.1
51	30.8	11.0	51.0

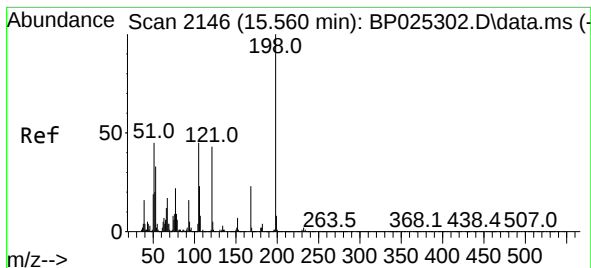


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion: 188 Resp: 935557

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.4	8.5	12.7

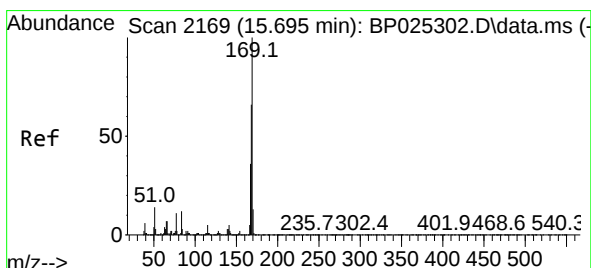
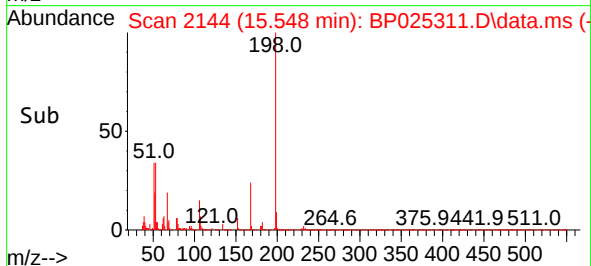
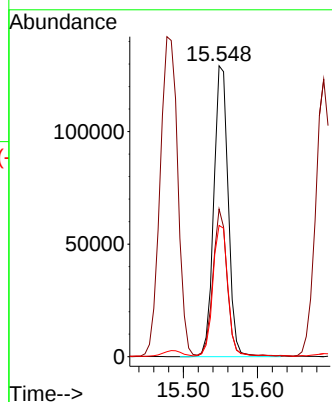
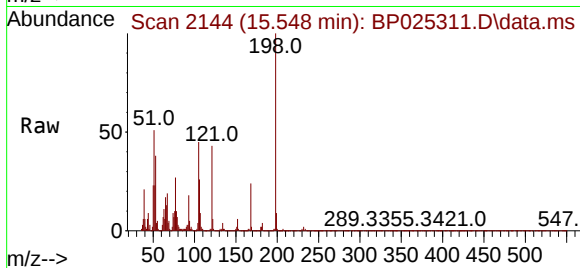




#65
4,6-Dinitro-2-methylphenol
Concen: 43.620 ng
RT: 15.548 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

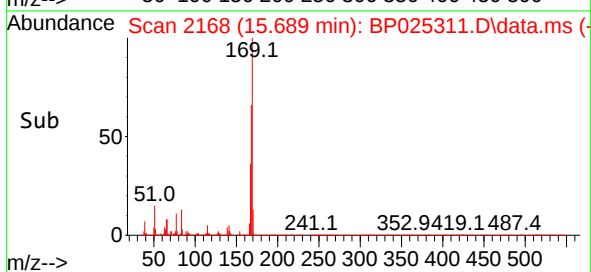
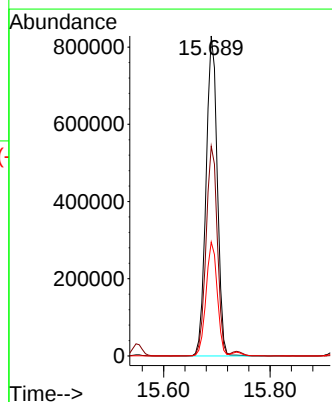
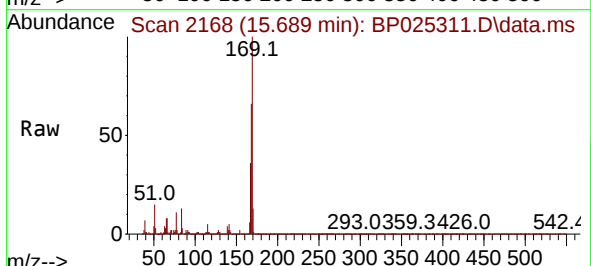
Instrument :
BNA_P
ClientSampleId :
PB169138BS

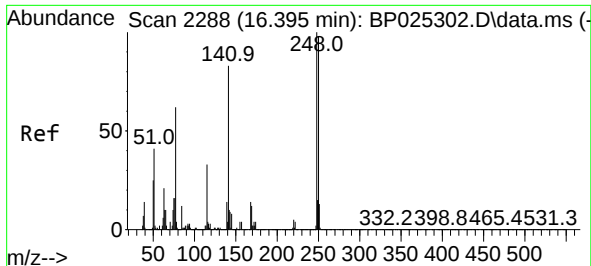
Tgt Ion:198 Resp: 174211
Ion Ratio Lower Upper
198 100
51 50.8 26.7 66.7
105 45.1 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 42.489 ng
RT: 15.689 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:169 Resp: 1210333
Ion Ratio Lower Upper
169 100
168 65.6 52.8 79.2
167 35.6 28.5 42.7

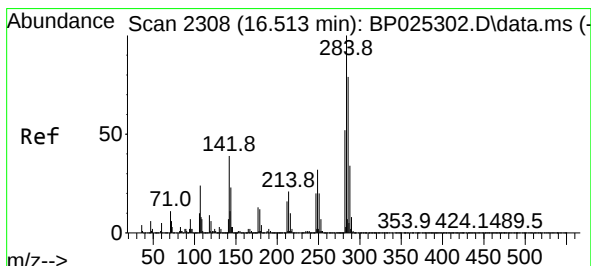
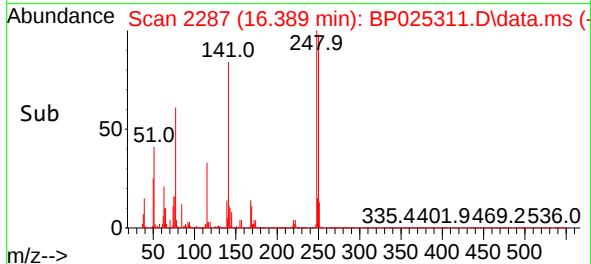
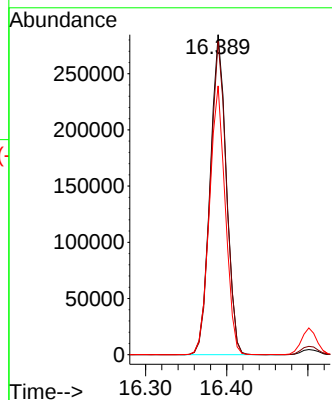
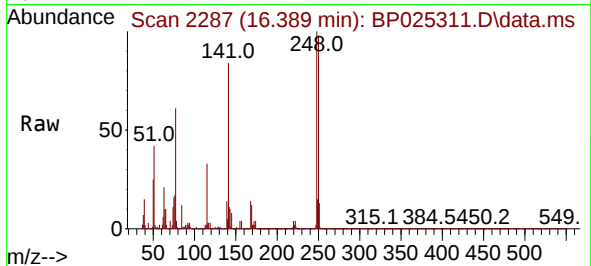




#67
4-Bromophenyl-phenylether
Concen: 41.862 ng
RT: 16.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

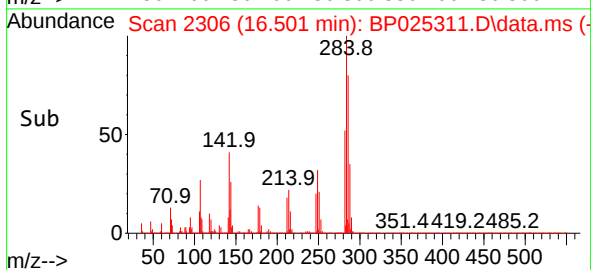
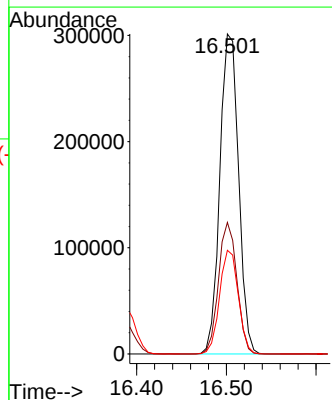
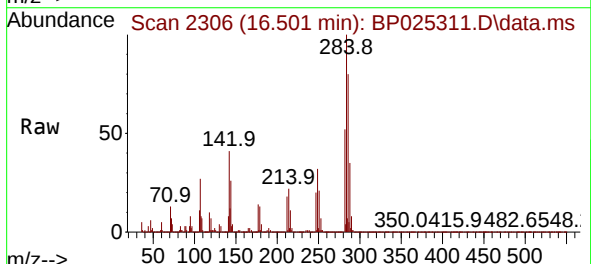
Instrument :
BNA_P
ClientSampleId :
PB169138BS

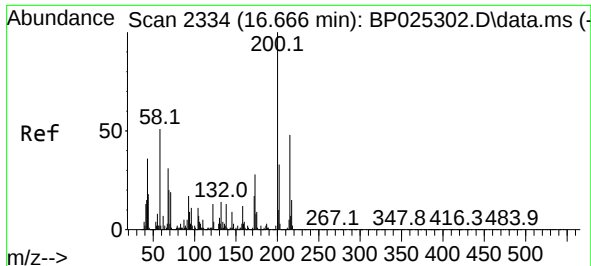
Tgt Ion:248 Resp: 394059
Ion Ratio Lower Upper
248 100
250 97.9 78.6 117.8
141 84.0 66.6 99.8



#68
Hexachlorobenzene
Concen: 41.297 ng
RT: 16.501 min Scan# 2306
Delta R.T. -0.012 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:284 Resp: 436189
Ion Ratio Lower Upper
284 100
142 41.1 30.8 46.2
249 32.4 25.4 38.0

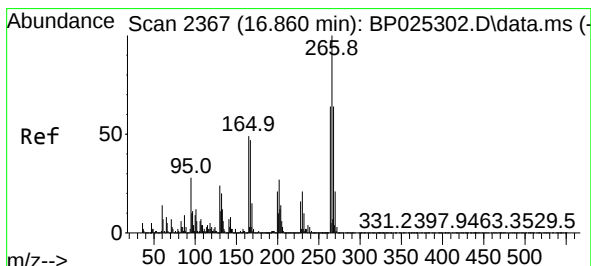
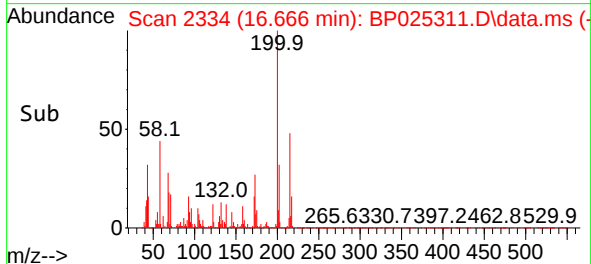
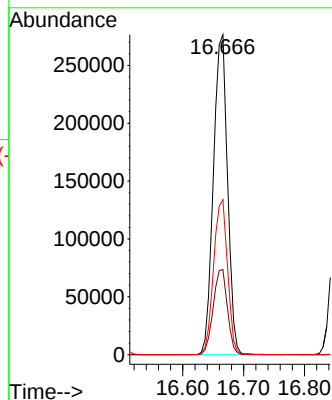
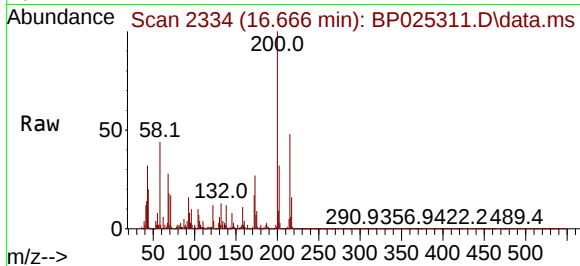




#69
 Atrazine
 Concen: 44.419 ng
 RT: 16.666 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

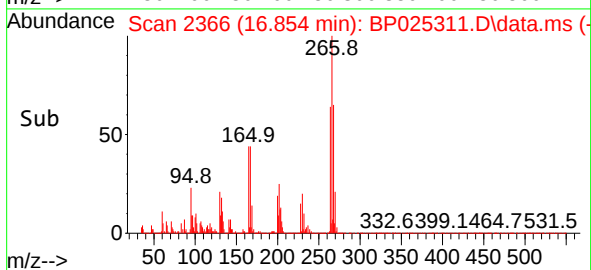
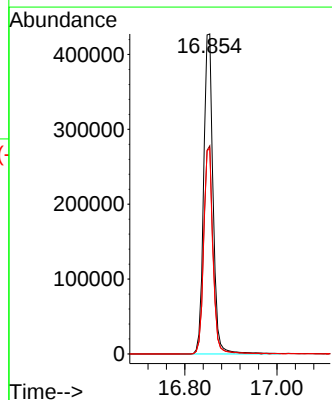
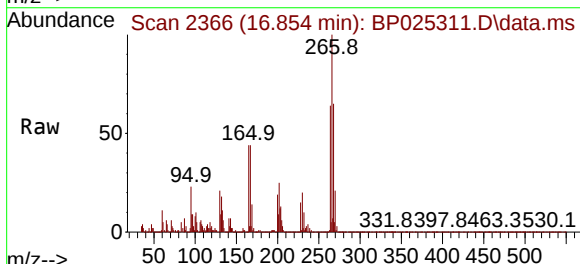
Instrument :
 BNA_P
 ClientSampleId :
 PB169138BS

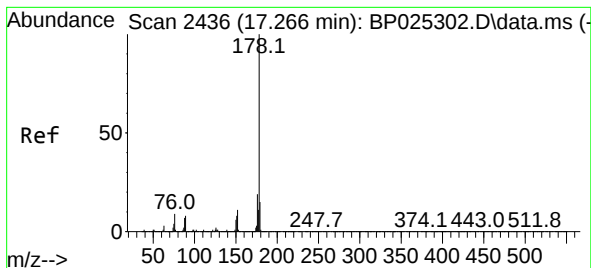
Tgt Ion:200 Resp: 444981
 Ion Ratio Lower Upper
 200 100
 173 26.6 8.2 48.2
 215 48.5 28.1 68.1



#70
 Pentachlorophenol
 Concen: 90.515 ng
 RT: 16.854 min Scan# 2366
 Delta R.T. -0.006 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

Tgt Ion:266 Resp: 609103
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.4 77.0
 264 64.3 51.1 76.7





#71

Phenanthrene

Concen: 42.984 ng

RT: 17.248 min Scan# 2433

Delta R.T. -0.018 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

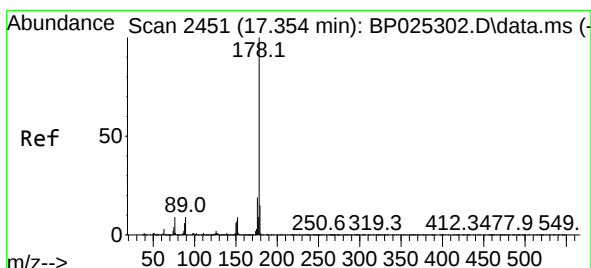
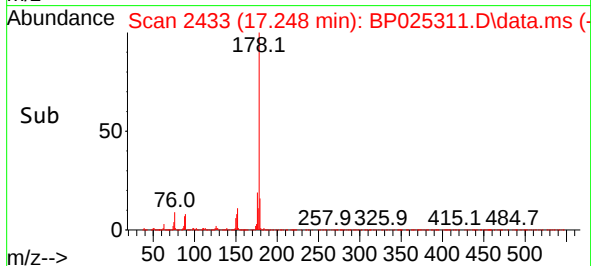
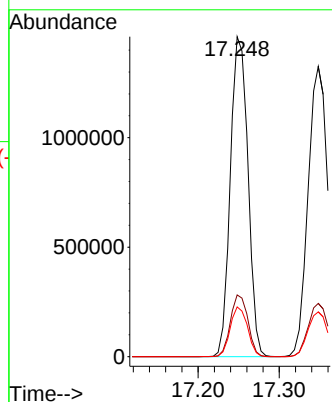
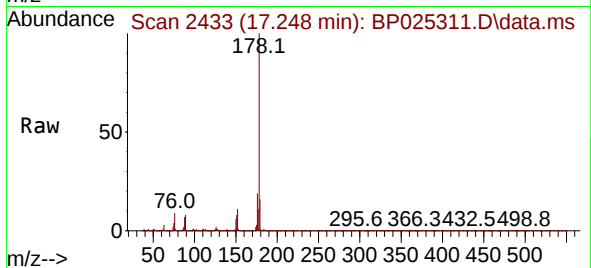
Tgt Ion:178 Resp: 2202587

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 12.1 18.1



#72

Anthracene

Concen: 43.656 ng

RT: 17.348 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

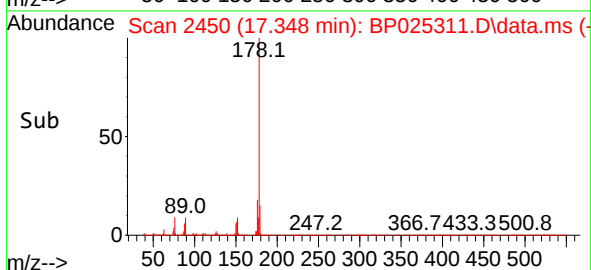
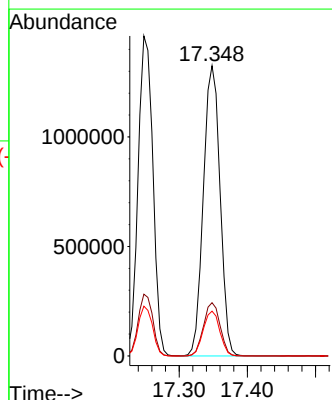
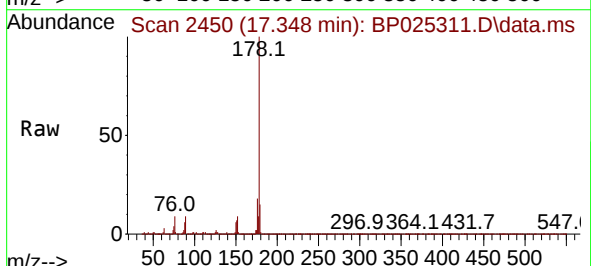
Tgt Ion:178 Resp: 2255557

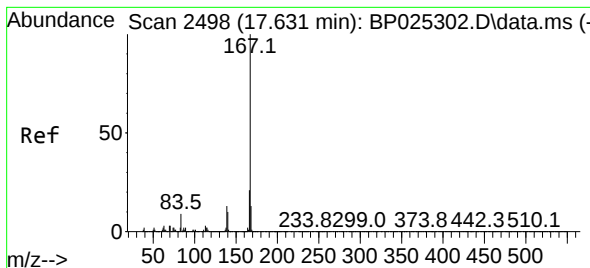
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.4 12.3 18.5





#73

Carbazole

Concen: 43.600 ng

RT: 17.619 min Scan# 2498

Delta R.T. -0.012 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

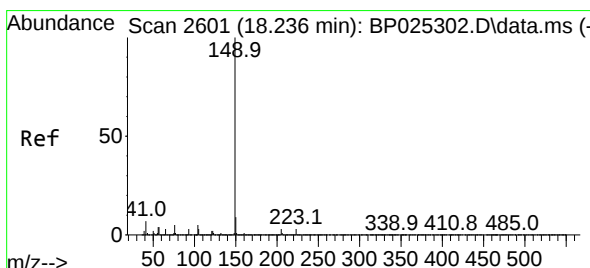
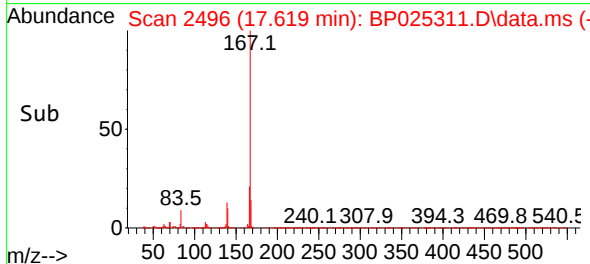
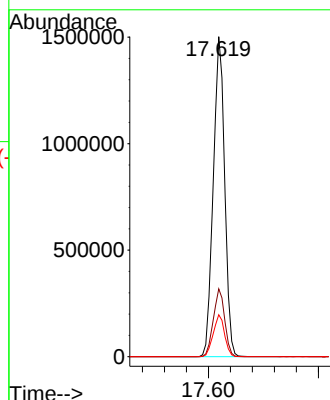
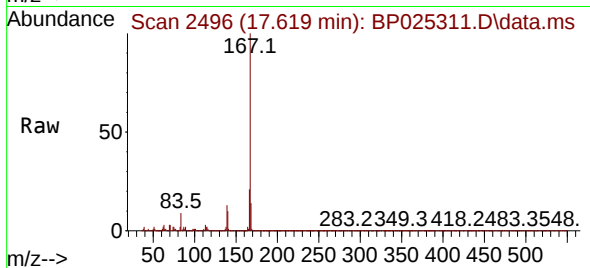
BNA_P

ClientSampleId :

PB169138BS

Tgt Ion:167 Resp: 2162418

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	13.1	10.6	16.0



#74

Di-n-butylphthalate

Concen: 42.780 ng

RT: 18.230 min Scan# 2600

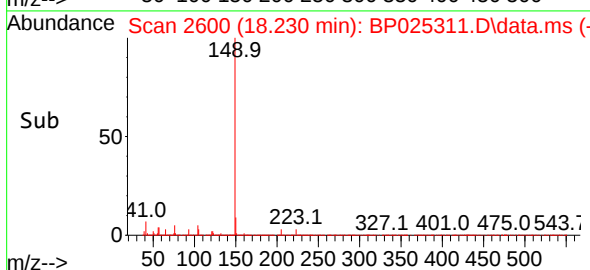
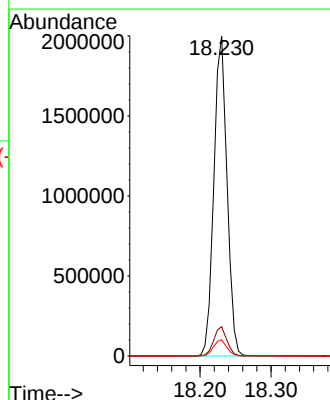
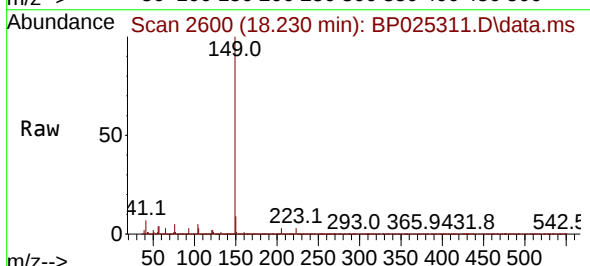
Delta R.T. -0.006 min

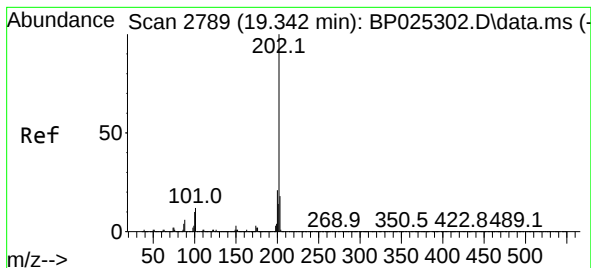
Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Tgt Ion:149 Resp: 2566820

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 42.976 ng

RT: 19.330 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

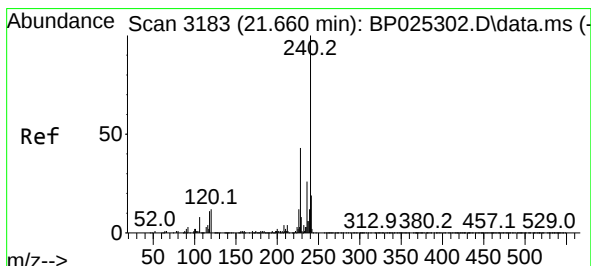
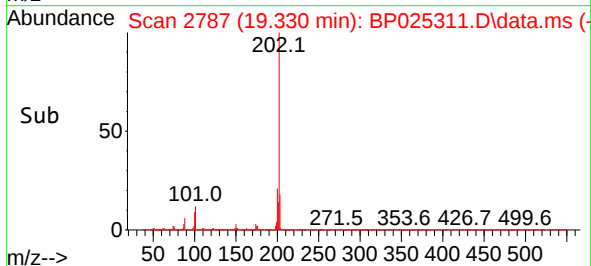
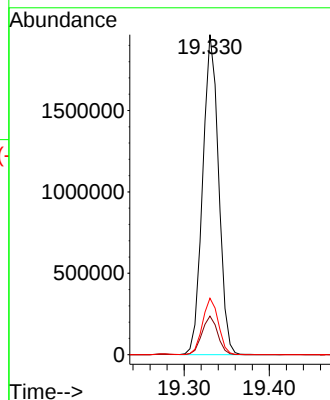
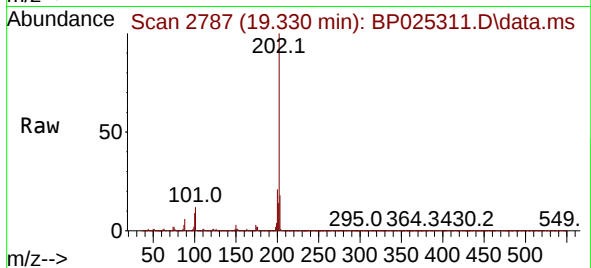
Tgt Ion:202 Resp: 2549296

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.5

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.018 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

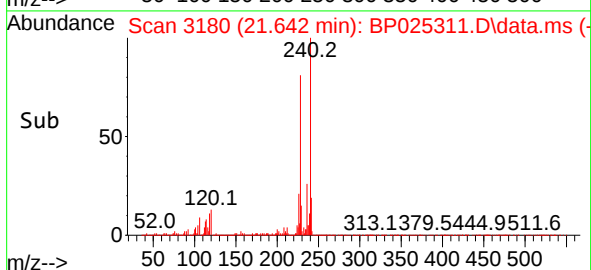
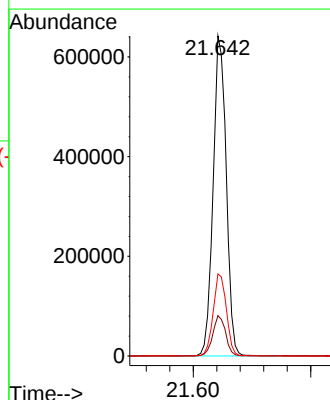
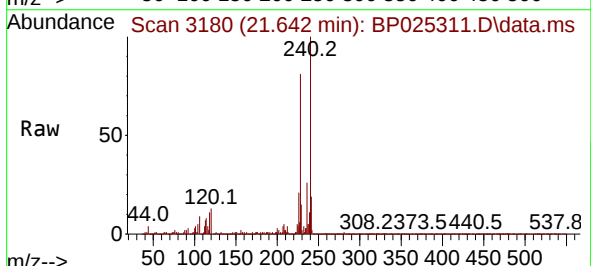
Tgt Ion:240 Resp: 993641

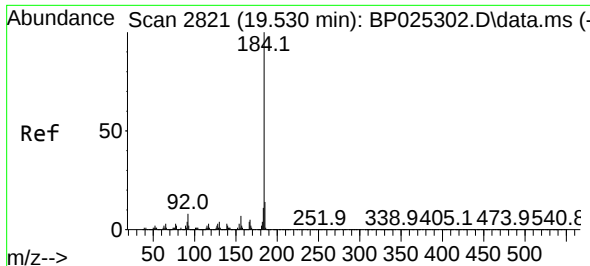
Ion Ratio Lower Upper

240 100

120 12.6 9.6 14.4

236 25.7 20.4 30.6

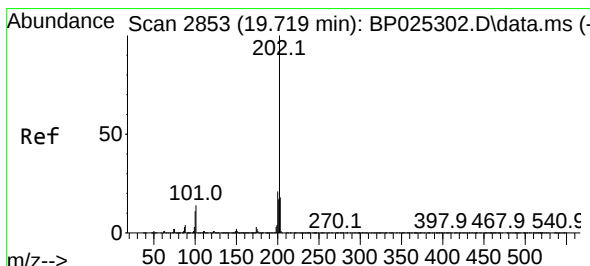
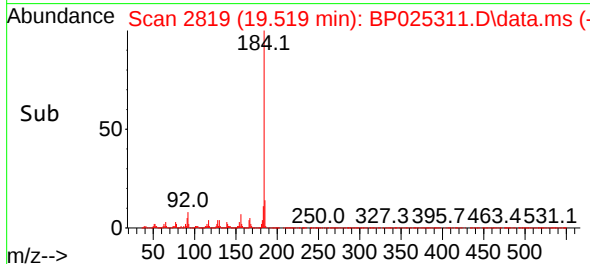
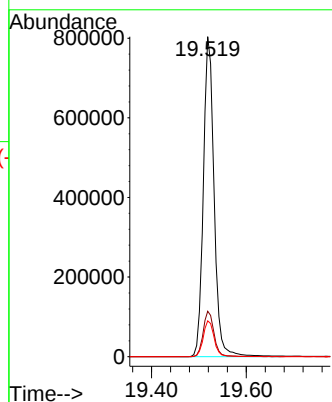
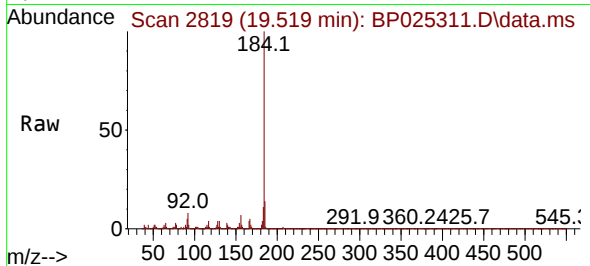




#77
Benzidine
Concen: 35.342 ng
RT: 19.519 min Scan# 2819
Delta R.T. -0.011 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

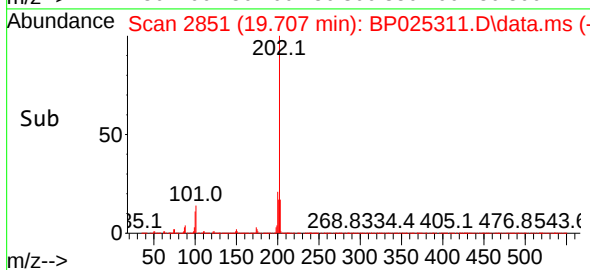
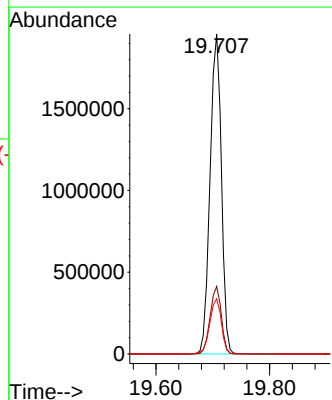
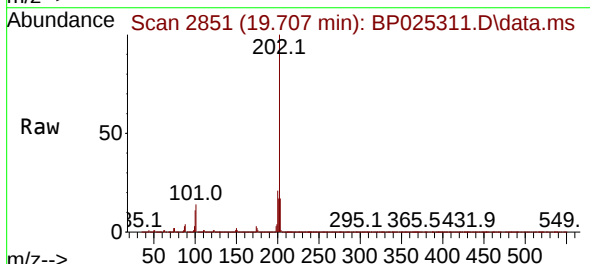
Instrument :
BNA_P
ClientSampleId :
PB169138BS

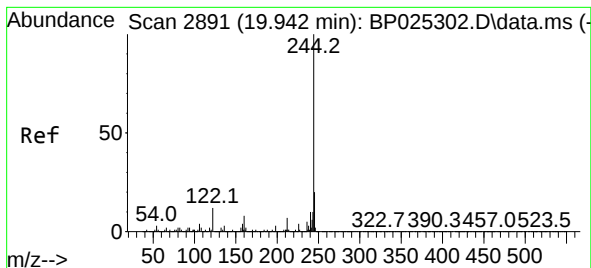
Tgt Ion:184 Resp: 1271049
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 11.2 9.2 13.8



#78
Pyrene
Concen: 40.762 ng
RT: 19.707 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:202 Resp: 2693349
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 70.881 ng

RT: 19.936 min Scan# 2891

Delta R.T. -0.006 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

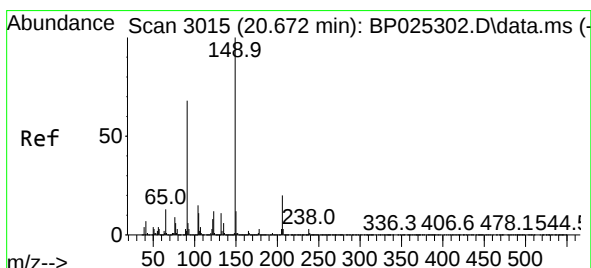
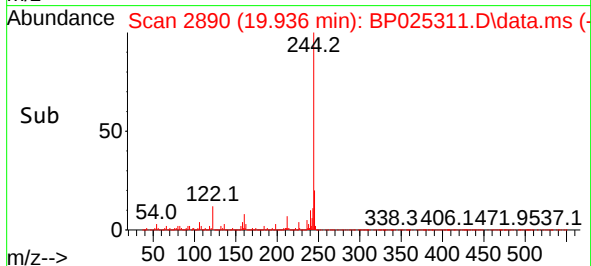
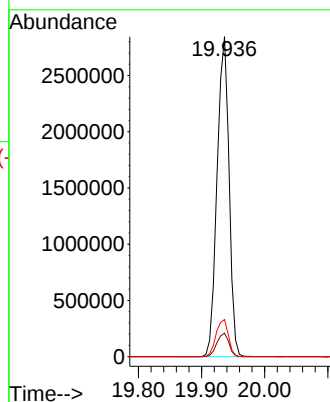
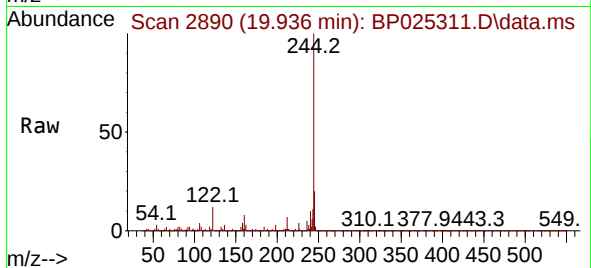
Tgt Ion:244 Resp: 3728860

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.6 9.5 14.3



#80

Butylbenzylphthalate

Concen: 44.651 ng

RT: 20.666 min Scan# 3014

Delta R.T. -0.006 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

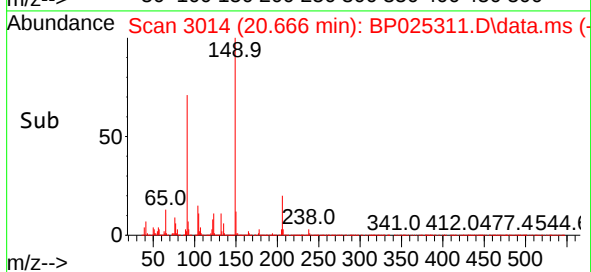
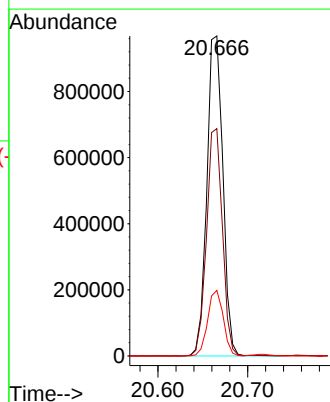
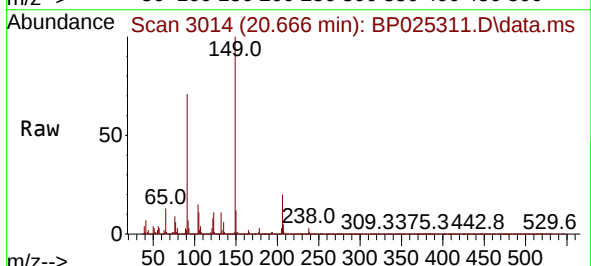
Tgt Ion:149 Resp: 1196535

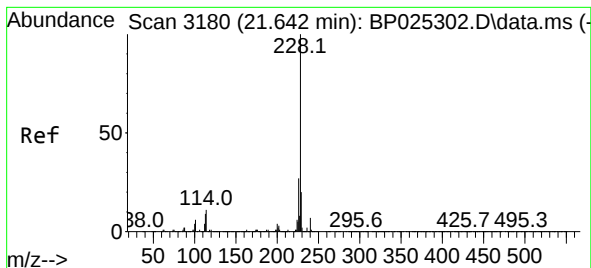
Ion Ratio Lower Upper

149 100

91 71.1 54.7 82.1

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 43.364 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

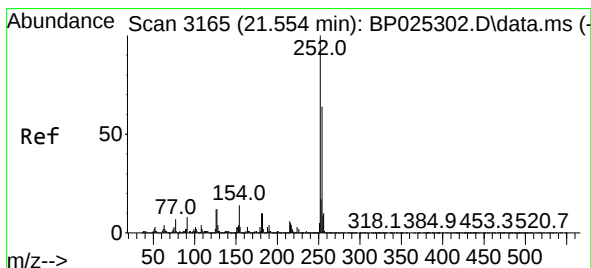
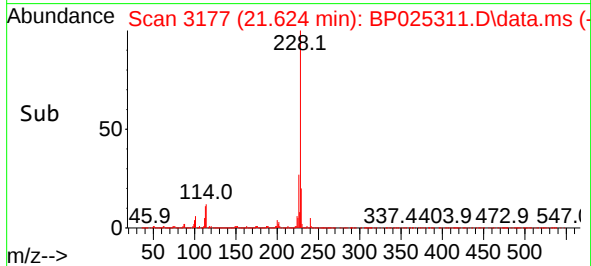
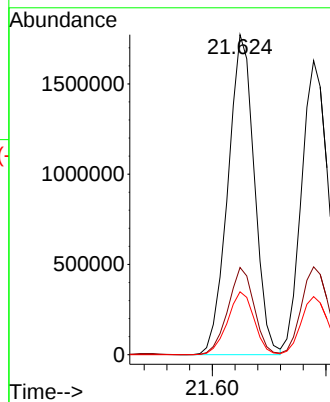
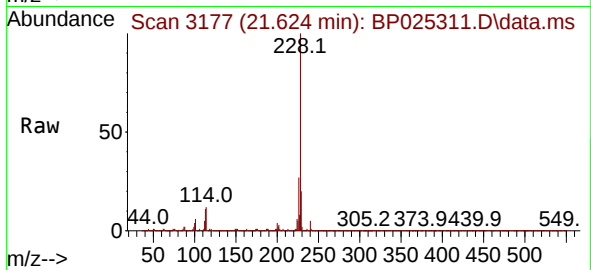
Tgt Ion:228 Resp: 2863310

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 27.104 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.012 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

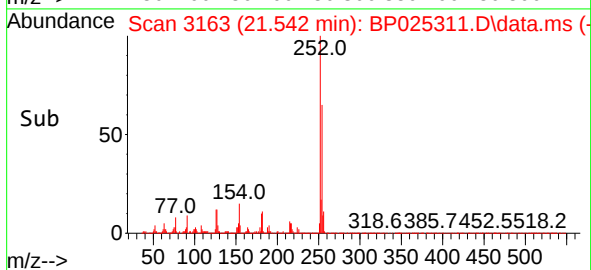
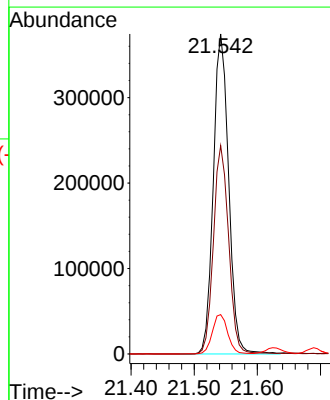
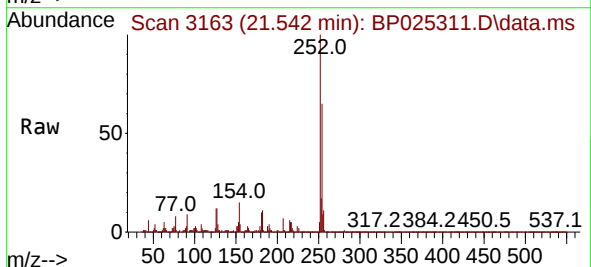
Tgt Ion:252 Resp: 631430

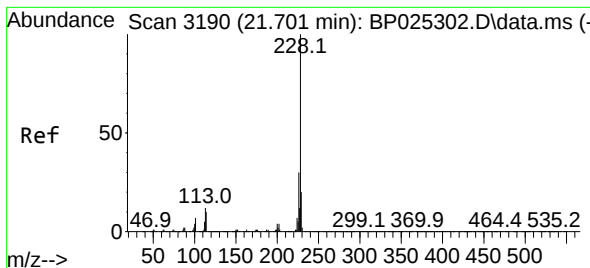
Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.6

126 12.3 9.4 14.2





#83

Chrysene

Concen: 43.349 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.012 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

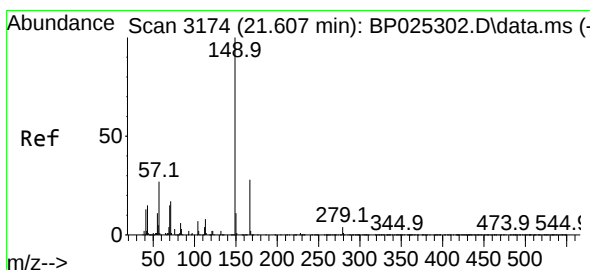
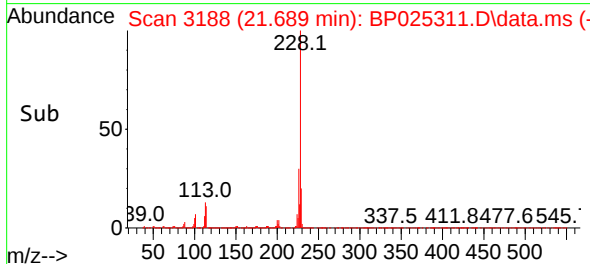
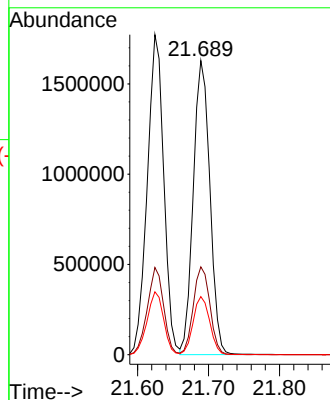
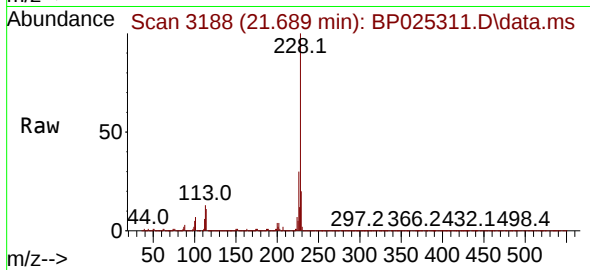
Tgt Ion:228 Resp: 2654825

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.266 ng

RT: 21.595 min Scan# 3172

Delta R.T. -0.012 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

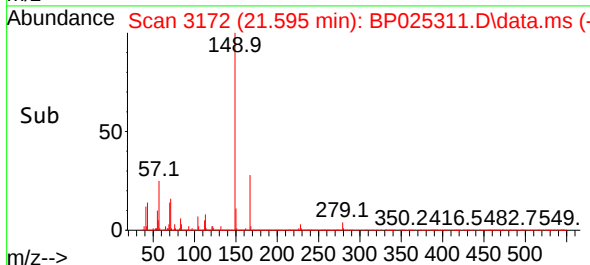
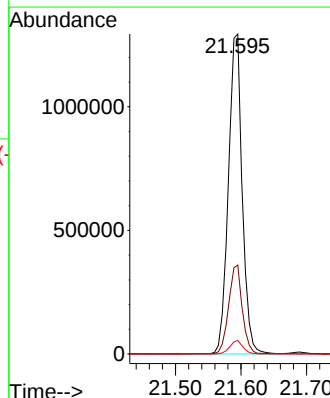
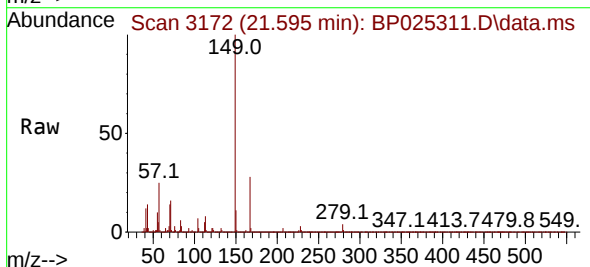
Tgt Ion:149 Resp: 1894127

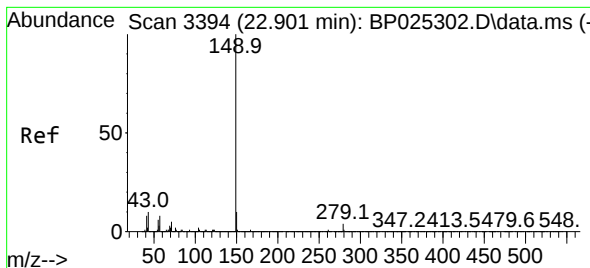
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 43.095 ng

RT: 22.889 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

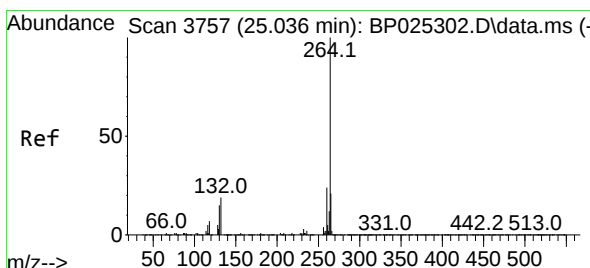
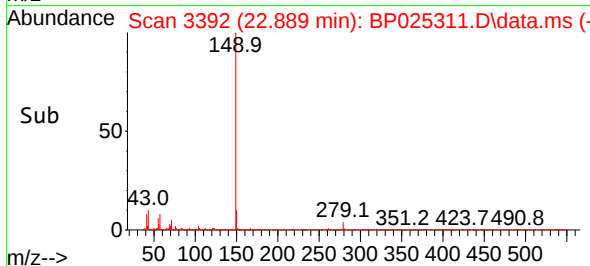
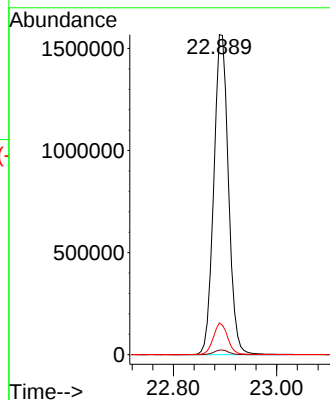
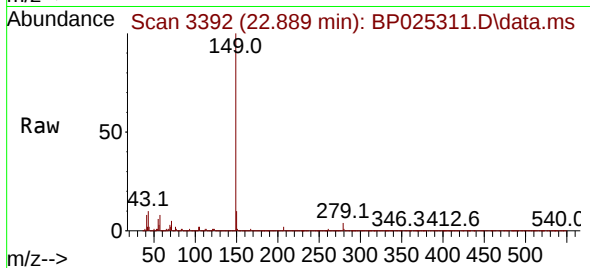
Tgt Ion:149 Resp: 3086593

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.018 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

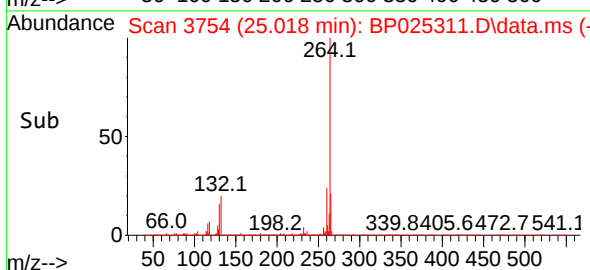
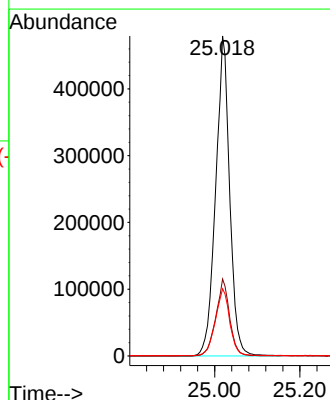
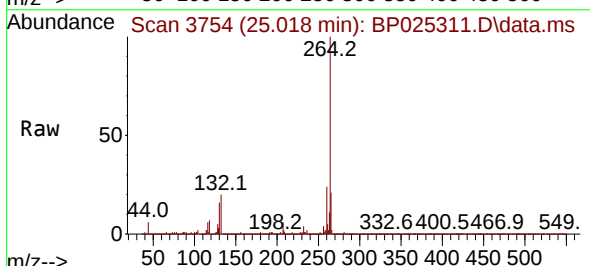
Tgt Ion:264 Resp: 1089848

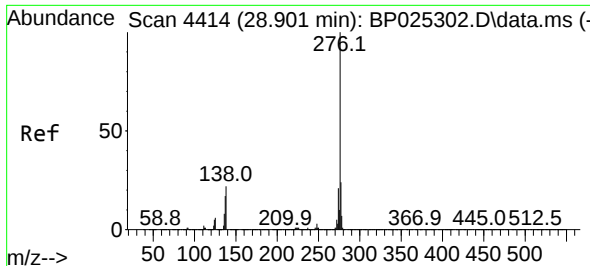
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.0 17.1 25.7

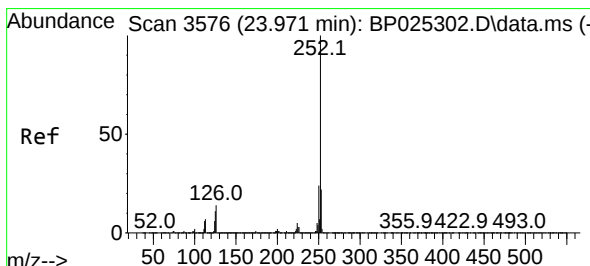
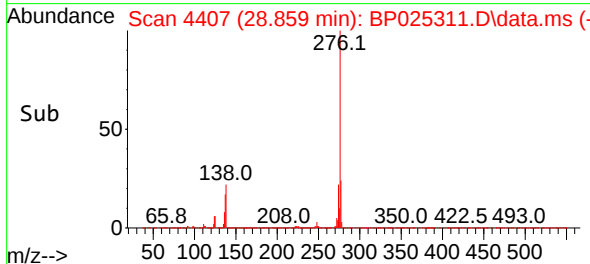
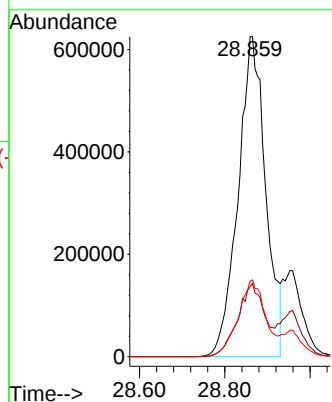
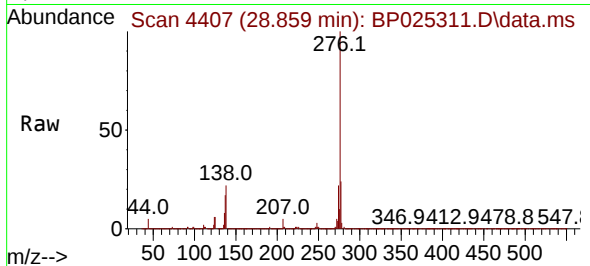




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.955 ng
 RT: 28.859 min Scan# 4414
 Delta R.T. -0.042 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

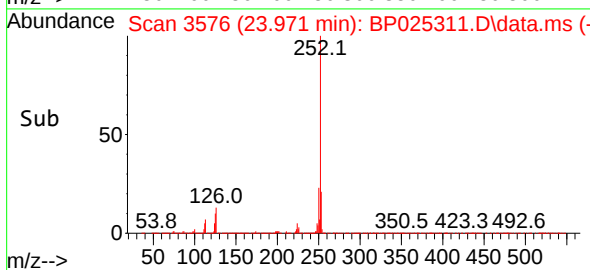
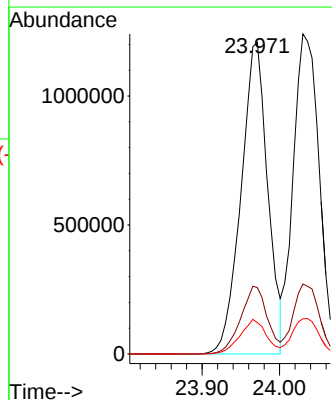
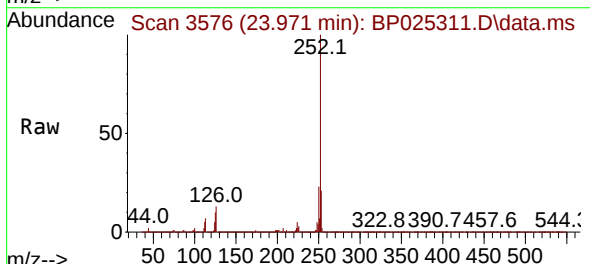
Instrument :
 BNA_P
 ClientSampleId :
 PB169138BS

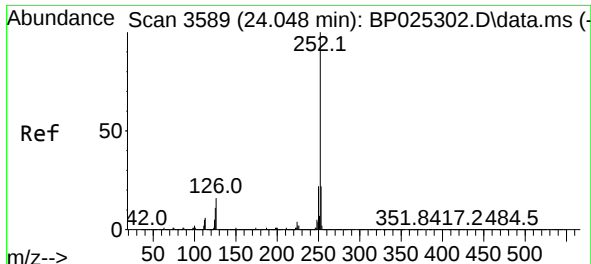
Tgt Ion:276 Resp: 2808644
 Ion Ratio Lower Upper
 276 100
 138 22.8 14.6 22.0#
 277 23.7 16.8 25.2



#88
 Benzo(b)fluoranthene
 Concen: 44.295 ng
 RT: 23.971 min Scan# 3576
 Delta R.T. 0.000 min
 Lab File: BP025311.D
 Acq: 07 Aug 2025 13:03

Tgt Ion:252 Resp: 2889828
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.5 26.3
 125 10.1 8.5 12.7

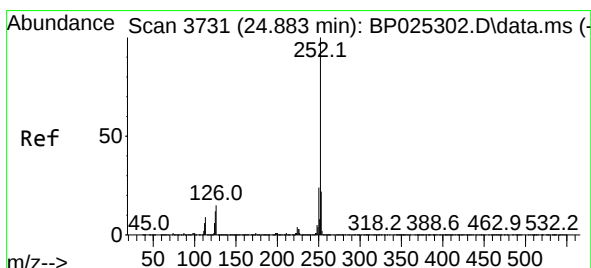
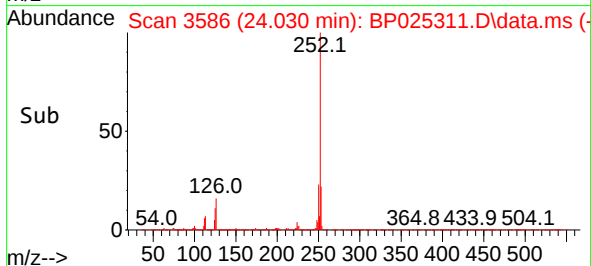
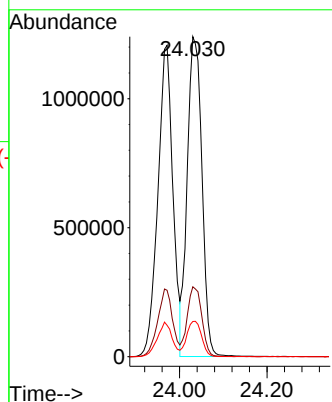
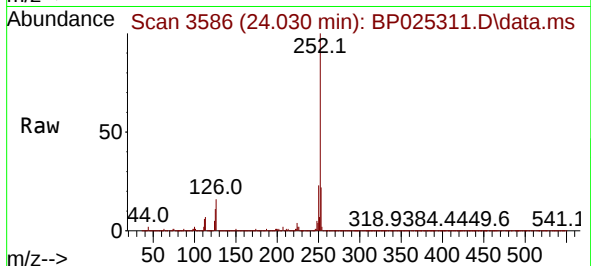




#89
Benzo(k)fluoranthene
Concen: 44.634 ng
RT: 24.030 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

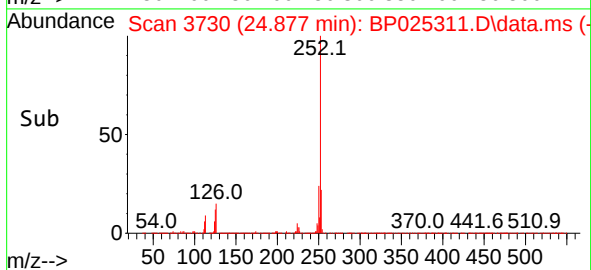
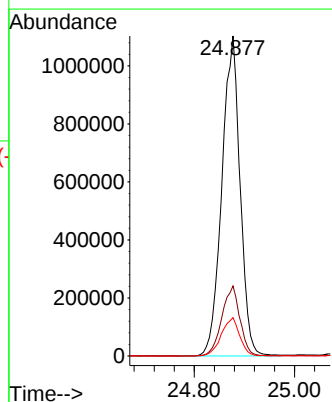
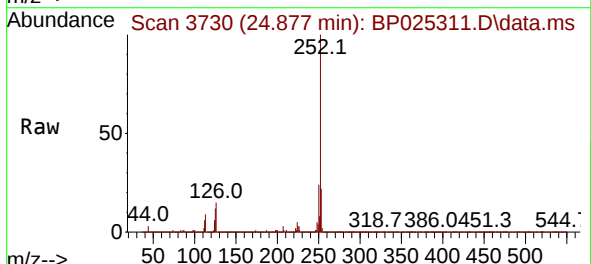
Instrument :
BNA_P
ClientSampleId :
PB169138BS

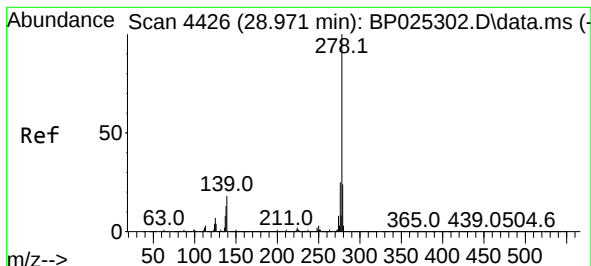
Tgt Ion:252 Resp: 2886682
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.0 8.5 12.7



#90
Benzo(a)pyrene
Concen: 44.223 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP025311.D
Acq: 07 Aug 2025 13:03

Tgt Ion:252 Resp: 2778411
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.0 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 43.229 ng

RT: 28.959 min Scan# 4426

Delta R.T. -0.012 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Instrument :

BNA_P

ClientSampleId :

PB169138BS

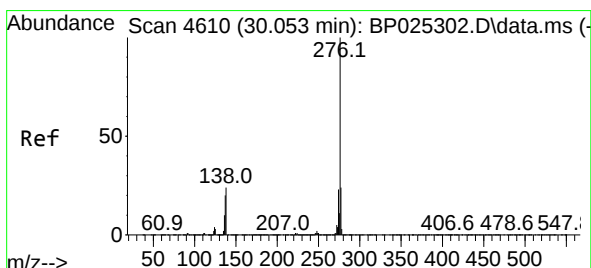
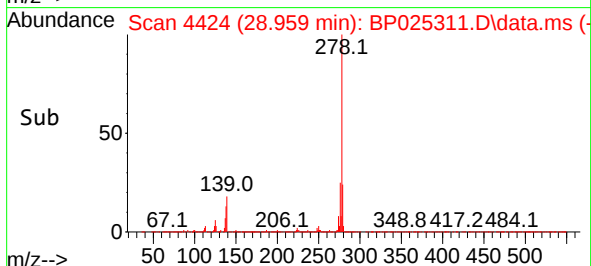
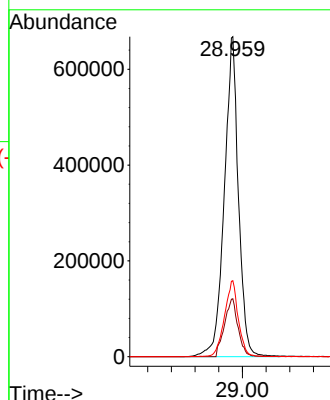
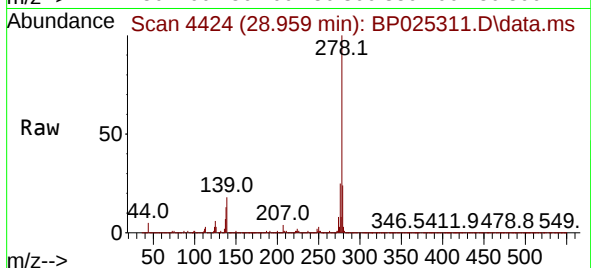
Tgt Ion:278 Resp: 2765619

Ion Ratio Lower Upper

278 100

139 18.1 14.6 22.0

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 43.102 ng

RT: 30.042 min Scan# 4608

Delta R.T. -0.011 min

Lab File: BP025311.D

Acq: 07 Aug 2025 13:03

Tgt Ion:276 Resp: 2706313

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 23.7 19.1 28.7

