

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025827.D
 Acq On : 23 Sep 2025 13:07
 Operator : CG/JU
 Sample : PB169765BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169765BSD

Quant Time: Sep 23 13:28:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	241084	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	1003284	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	683853	20.000	ng	-0.01
64) Phenanthrene-d10	17.178	188	1519181	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1621148	20.000	ng	-0.01
86) Perylene-d12	24.989	264	1481516	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1822736	121.994	ng	0.00
7) Phenol-d6	6.955	99	2346337	118.146	ng	0.00
23) Nitrobenzene-d5	8.896	82	1579231	69.433	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	1071213	125.586	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	3550546	69.131	ng	0.00
79) Terphenyl-d14	19.907	244	6352770	70.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	172917	27.574	ng	97
3) Pyridine	3.702	79	500805	29.003	ng	96
4) n-Nitrosodimethylamine	3.608	42	288338	35.388	ng	97
6) Aniline	7.090	93	744491	27.309	ng	99
8) 2-Chlorophenol	7.331	128	687902	41.968	ng	99
9) Benzaldehyde	6.908	77	335114	28.153	ng	98
10) Phenol	6.984	94	874945	41.782	ng	97
11) bis(2-Chloroethyl)ether	7.178	93	659009	39.170	ng	98
12) 1,3-Dichlorobenzene	7.643	146	702149	37.639	ng	96
13) 1,4-Dichlorobenzene	7.784	146	717440	37.755	ng	100
14) 1,2-Dichlorobenzene	8.102	146	690352	37.396	ng	98
15) Benzyl Alcohol	7.996	79	645458	39.332	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	1029302	37.411	ng	99
17) 2-Methylphenol	8.207	107	597349	42.310	ng	99
18) Hexachloroethane	8.813	117	274618	37.834	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	531734	38.388	ng	99
20) 3+4-Methylphenols	8.531	107	789679	39.938	ng	98
22) Acetophenone	8.566	105	1088070	40.582	ng	# 100
24) Nitrobenzene	8.937	77	778953	38.176	ng	99
25) Isophorone	9.460	82	1507284	37.703	ng	100
26) 2-Nitrophenol	9.643	139	381892	42.156	ng	95
27) 2,4-Dimethylphenol	9.713	122	657456	41.368	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	906512	39.228	ng	99
29) 2,4-Dichlorophenol	10.190	162	674770	42.583	ng	100
30) 1,2,4-Trichlorobenzene	10.384	180	689690	38.620	ng	98
31) Naphthalene	10.566	128	2029784	37.521	ng	99
32) Benzoic acid	9.919	122	547026	46.296	ng	99
33) 4-Chloroaniline	10.684	127	478716	21.231	ng	99
34) Hexachlorobutadiene	10.849	225	446758	38.862	ng	99
35) Caprolactam	11.496	113	248816	40.734	ng	97
36) 4-Chloro-3-methylphenol	11.831	107	785086	41.557	ng	98
37) 2-Methylnaphthalene	12.178	142	1352117	38.914	ng	99
38) 1-Methylnaphthalene	12.395	142	1396049	37.678	ng	99
40) 1,2,4,5-Tetrachloroben...	12.548	216	865784	41.780	ng	100
41) Hexachlorocyclopentadiene	12.525	237	804378	71.270	ng	98
43) 2,4,6-Trichlorophenol	12.801	196	581864	42.712	ng	100

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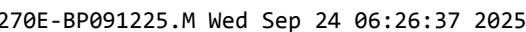
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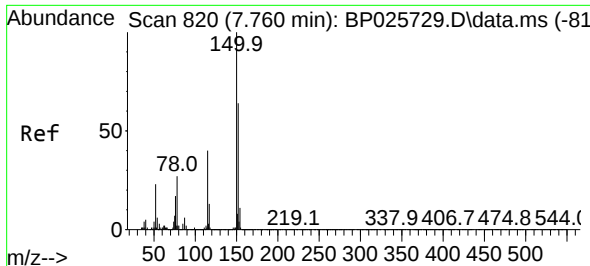
Quant Time: Sep 23 13:28:37 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	639390	42.172	ng	96
46) 1,1'-Biphenyl	13.195	154	2072980	41.298	ng	99
47) 2-Chloronaphthalene	13.237	162	1540431	38.975	ng	100
48) 2-Nitroaniline	13.448	65	551043	41.825	ng	97
49) Acenaphthylene	14.084	152	2594738	39.623	ng	99
50) Dimethylphthalate	13.825	163	2131829	40.832	ng	100
51) 2,6-Dinitrotoluene	13.948	165	461126	41.688	ng	98
52) Acenaphthene	14.431	154	1435814	38.019	ng	99
53) 3-Nitroaniline	14.290	138	363861	31.281	ng	100
54) 2,4-Dinitrophenol	14.501	184	629560	87.082	ng	99
55) Dibenzofuran	14.778	168	2382703	38.711	ng	98
56) 4-Nitrophenol	14.648	139	753534	75.492	ng	97
57) 2,4-Dinitrotoluene	14.748	165	692537	43.993	ng	93
58) Fluorene	15.437	166	1892494	38.667	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	600030	43.933	ng	97
60) Diethylphthalate	15.201	149	2237617	42.252	ng	100
61) 4-Chlorophenyl-phenyle...	15.425	204	971774	39.397	ng	99
62) 4-Nitroaniline	15.472	138	533790	44.794	ng	95
63) Azobenzene	15.731	77	2054185	40.115	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	445828	44.128	ng	95
66) n-Nitrosodiphenylamine	15.654	169	1807311	38.875	ng	100
67) 4-Bromophenyl-phenylether	16.342	248	652882	39.119	ng	98
68) Hexachlorobenzene	16.466	284	725868	39.001	ng	95
69) Atrazine	16.636	200	738779	41.572	ng	97
70) Pentachlorophenol	16.831	266	980311	79.806	ng	100
71) Phenanthrene	17.219	178	3272919	37.979	ng	99
72) Anthracene	17.319	178	3340413	38.203	ng	99
73) Carbazole	17.601	167	3266206	40.179	ng	100
74) Di-n-butylphthalate	18.178	149	4233872	42.441	ng	99
75) Fluoranthene	19.307	202	4163852	40.287	ng	99
77) Benzidine	19.513	184	1698268	36.367	ng	100
78) Pyrene	19.683	202	4332408	40.051	ng	99
80) Butylbenzylphthalate	20.636	149	2102972	44.339	ng	99
81) Benzo(a)anthracene	21.607	228	4416041	39.789	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	1210888	31.553	ng	99
83) Chrysene	21.683	228	4169154	39.407	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	3007715	43.345	ng	99
85) Di-n-octyl phthalate	22.807	149	5554046	44.997	ng	99
87) Indeno(1,2,3-cd)pyrene	28.818	276	3699649	34.339	ng	# 83
88) Benzo(b)fluoranthene	23.918	252	4106292	45.324	ng	99
89) Benzo(k)fluoranthene	23.983	252	4057480	43.889	ng	100
90) Benzo(a)pyrene	24.830	252	3654759	41.193	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	3099731	35.158	ng	98
92) Benzo(g,h,i)perylene	29.995	276	2847501	32.841	ng	99

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

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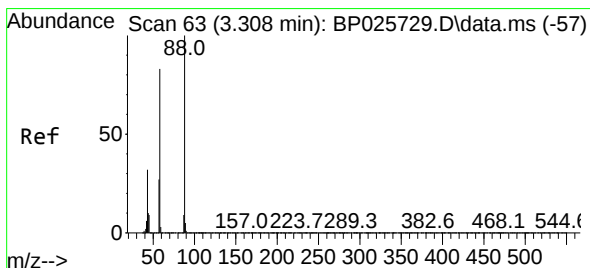
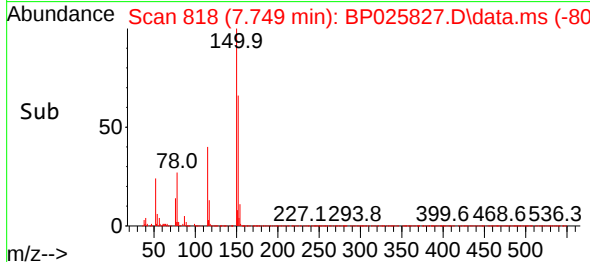
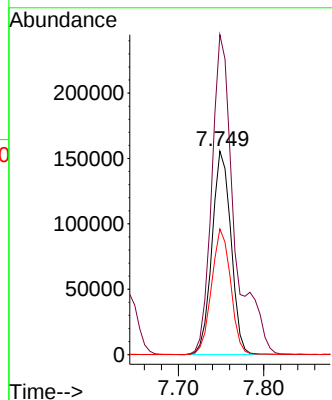
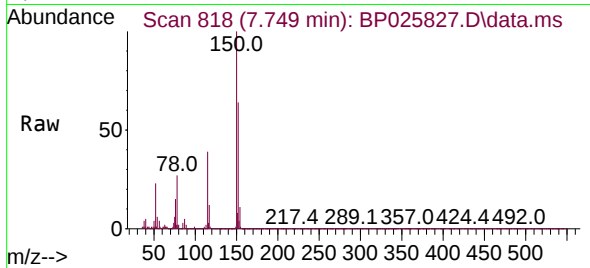




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

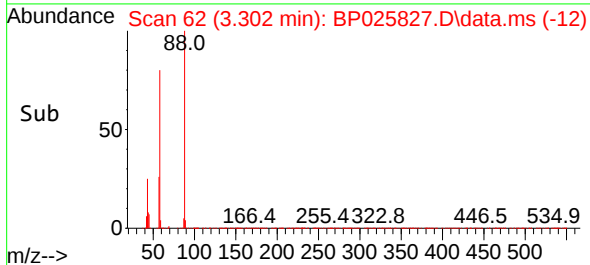
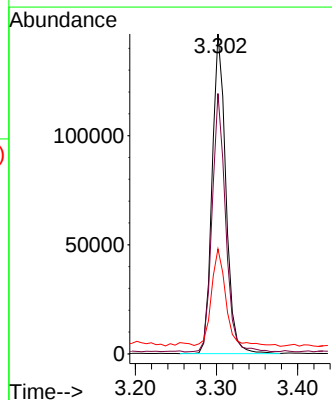
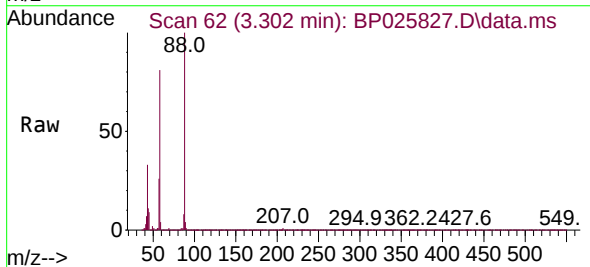
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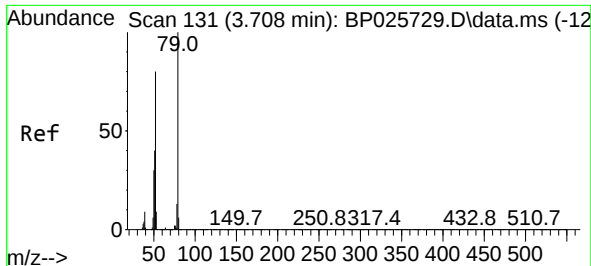
Tgt Ion:152 Resp: 241084
Ion Ratio Lower Upper
152 100
150 157.3 124.3 186.5
115 61.8 50.3 75.5



#2
1,4-Dioxane
Concen: 27.574 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 88 Resp: 172917
Ion Ratio Lower Upper
88 100
58 79.1 65.5 98.3
43 32.3 25.2 37.8

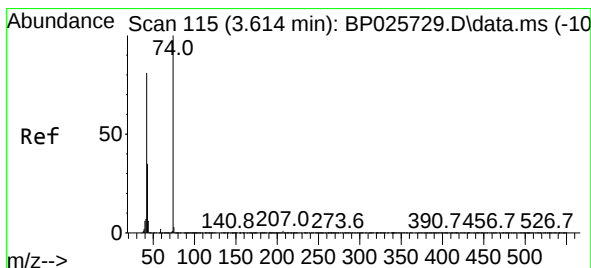
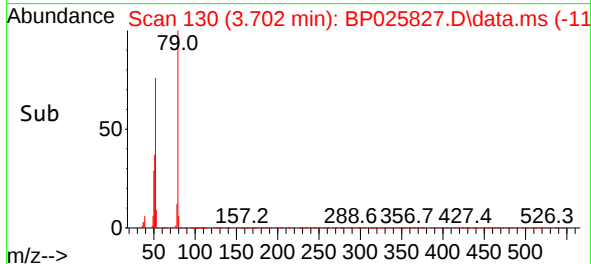
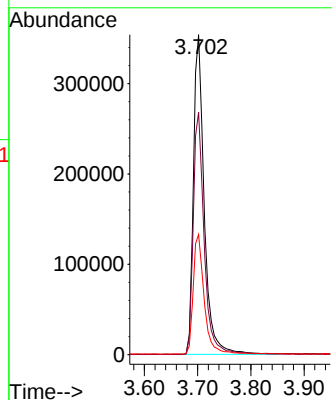
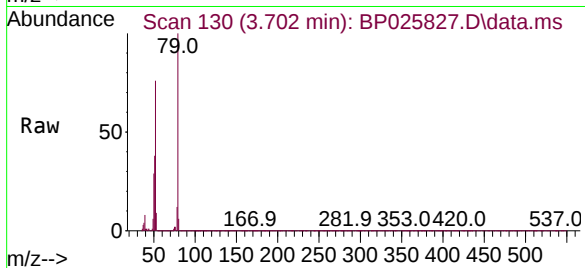




#3
Pyridine
Concen: 29.003 ng
RT: 3.702 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

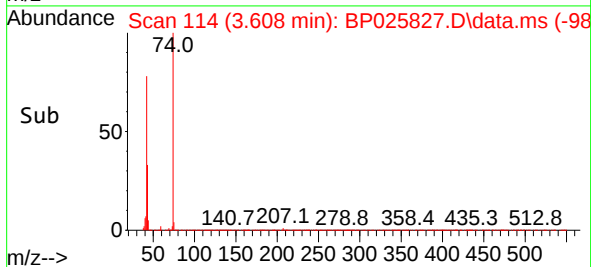
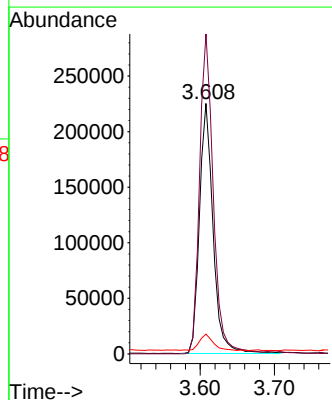
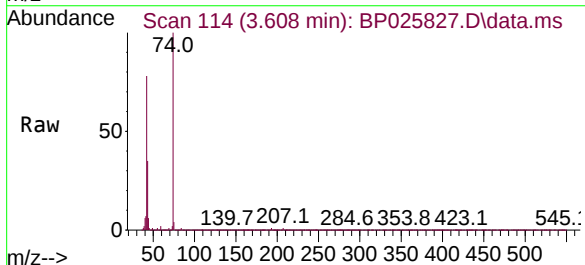
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ClientSampleId :
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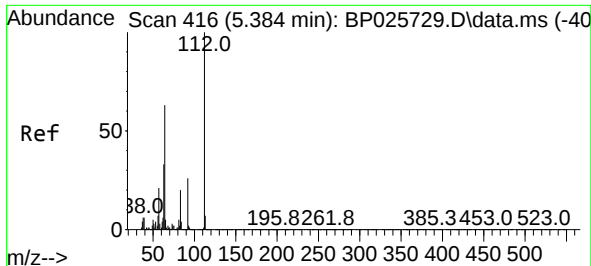
Tgt Ion: 79 Resp: 500805
Ion Ratio Lower Upper
79 100
52 75.8 63.7 95.5
51 37.5 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 35.388 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 42 Resp: 288338
Ion Ratio Lower Upper
42 100
74 127.7 99.2 148.8
44 7.9 6.4 9.6

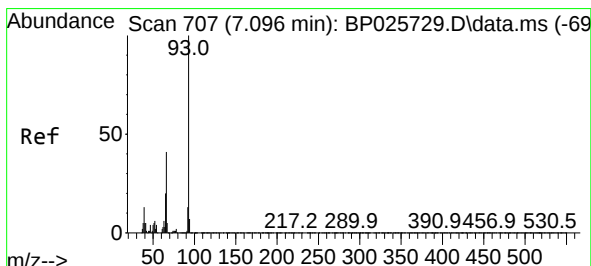
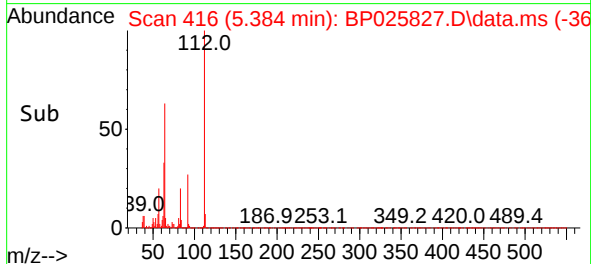
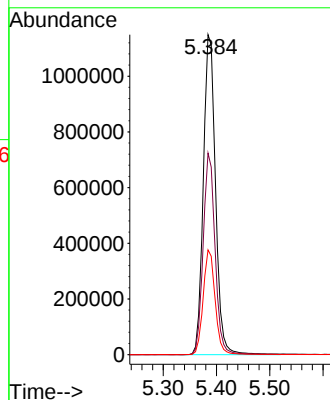
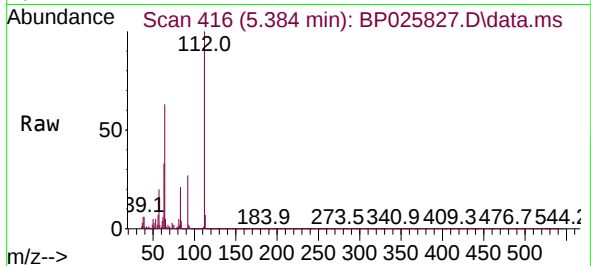




#5
2-Fluorophenol
Concen: 121.994 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

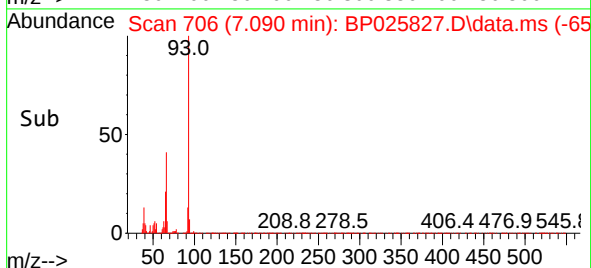
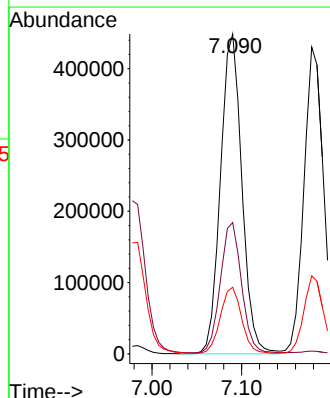
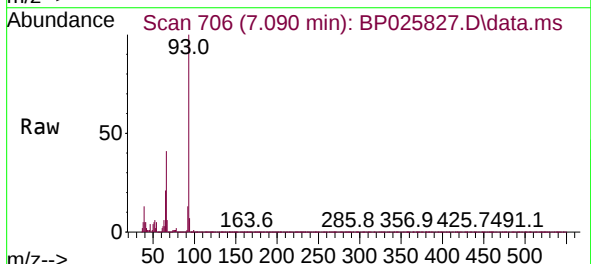
Instrument :
BNA_P
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PB169765BSD

Tgt Ion:112 Resp: 1822736
Ion Ratio Lower Upper
112 100
64 63.0 50.2 75.4
63 32.7 26.7 40.1



#6
Aniline
Concen: 27.309 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 93 Resp: 744491
Ion Ratio Lower Upper
93 100
66 41.0 32.6 49.0
65 20.8 16.2 24.2

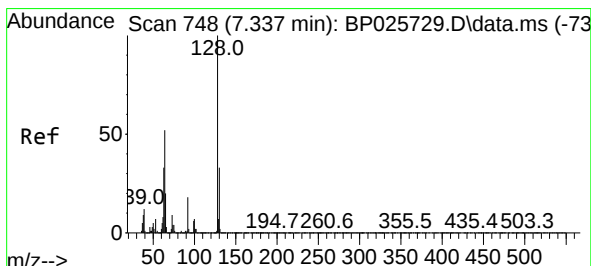
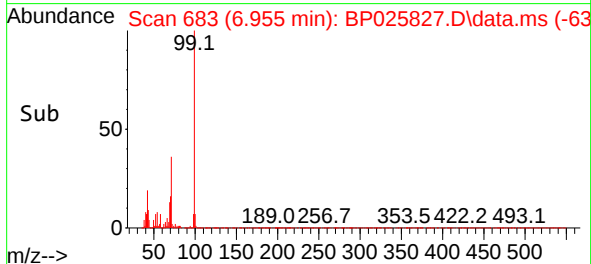
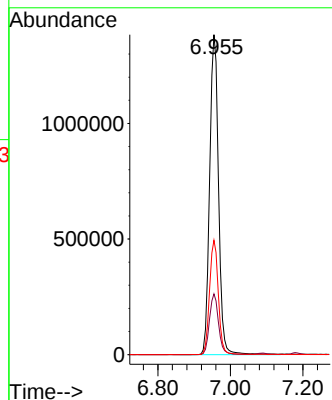
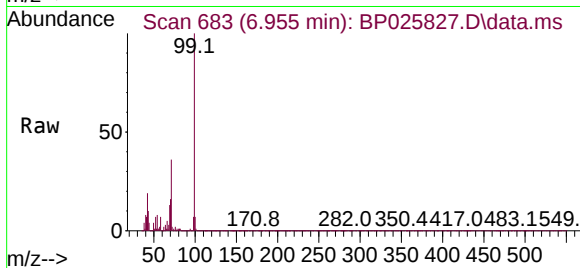




#7
Phenol-d6
Concen: 118.146 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

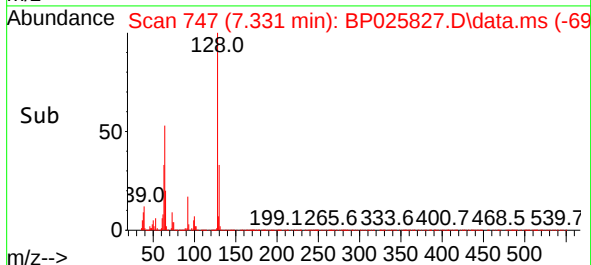
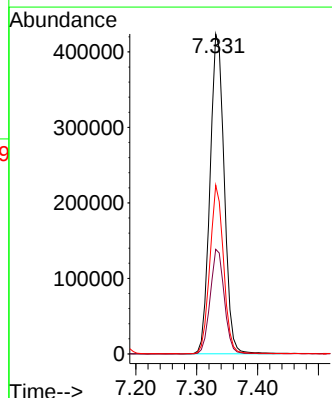
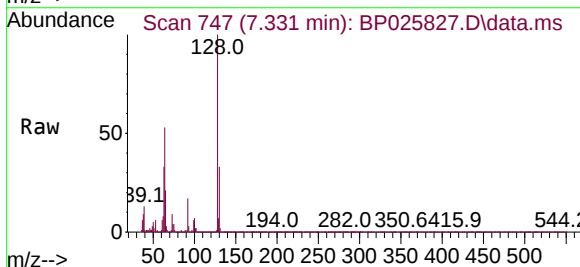
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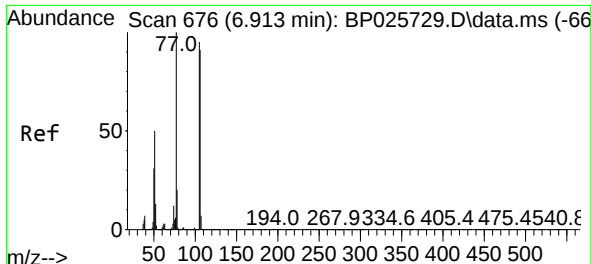
Tgt Ion: 99 Resp: 2346337
Ion Ratio Lower Upper
99 100
42 19.0 15.6 23.4
71 35.7 28.6 43.0



#8
2-Chlorophenol
Concen: 41.968 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:128 Resp: 687902
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 52.7 31.6 71.6

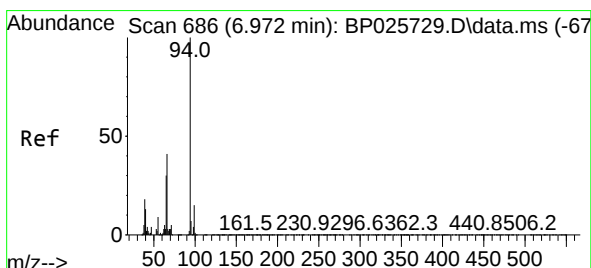
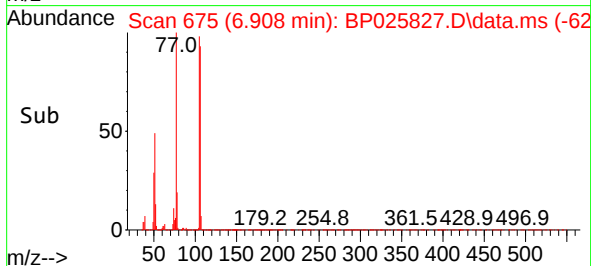
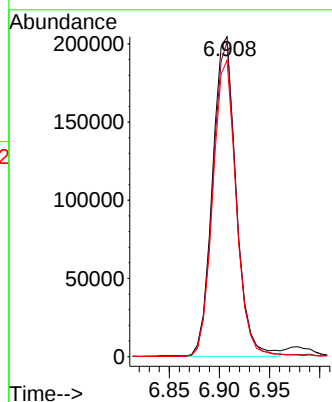
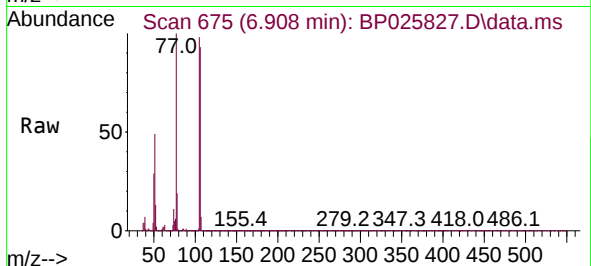




#9
Benzaldehyde
Concen: 28.153 ng
RT: 6.908 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

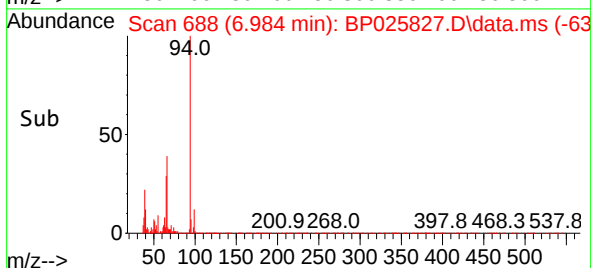
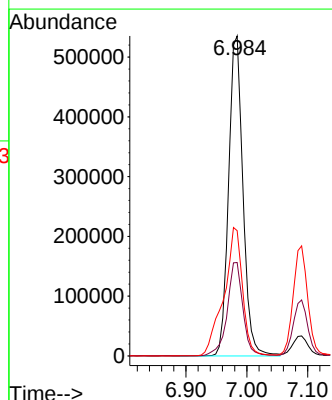
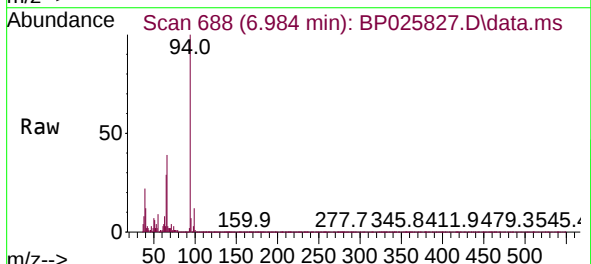
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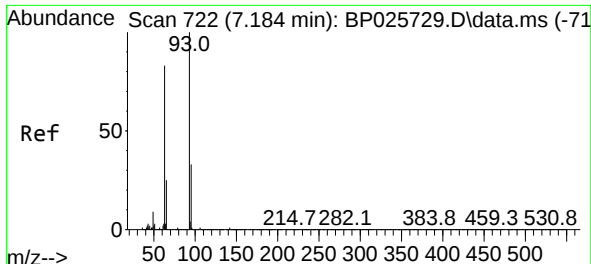
Tgt Ion: 77 Resp: 335114
Ion Ratio Lower Upper
77 100
105 98.3 75.2 115.2
106 92.6 71.3 111.3



#10
Phenol
Concen: 41.782 ng
RT: 6.984 min Scan# 688
Delta R.T. 0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 94 Resp: 874945
Ion Ratio Lower Upper
94 100
65 29.2 10.2 50.2
66 39.1 21.4 61.4

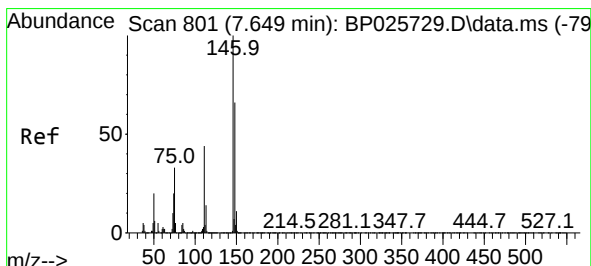
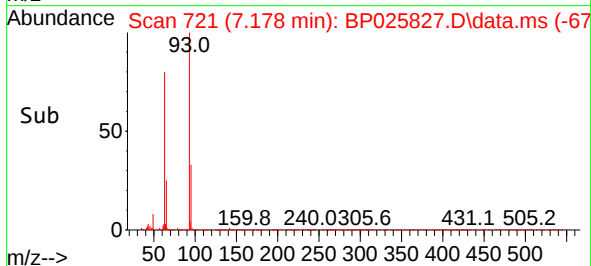
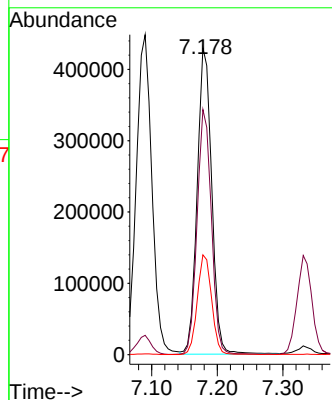
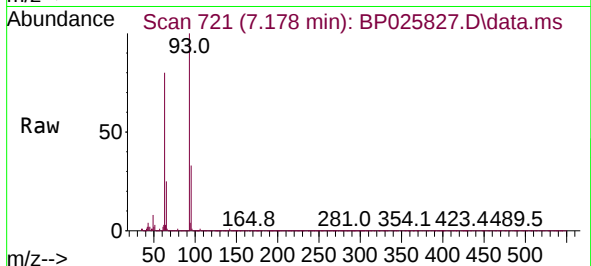




#11
bis(2-Chloroethyl)ether
Concen: 39.170 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

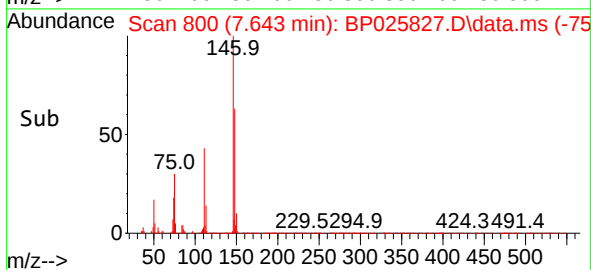
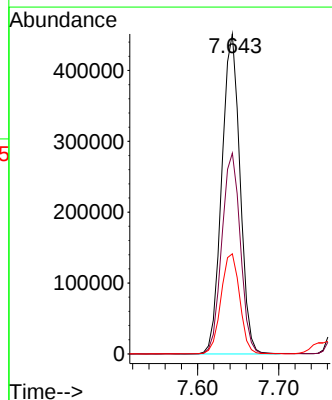
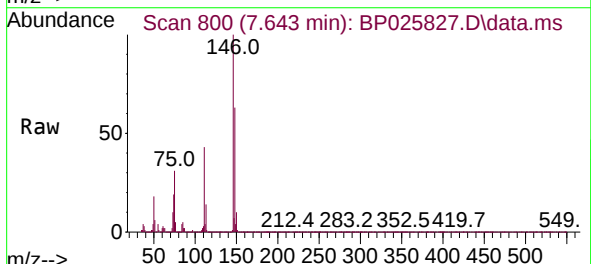
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

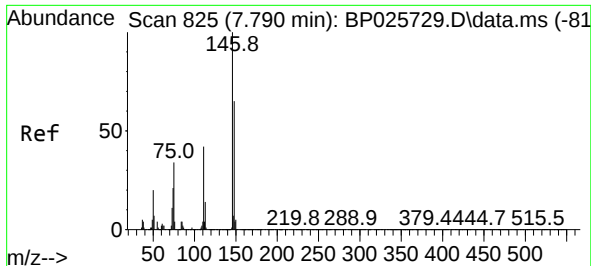
Tgt Ion: 93 Resp: 659009
Ion Ratio Lower Upper
93 100
63 79.9 62.6 102.6
95 32.5 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 37.639 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:146 Resp: 702149
Ion Ratio Lower Upper
146 100
148 62.7 52.7 79.1
75 31.3 26.4 39.6

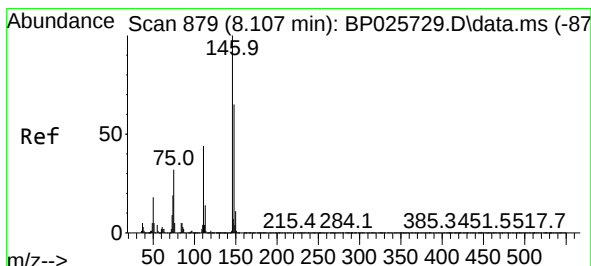
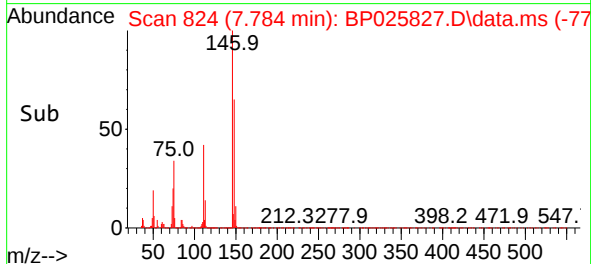
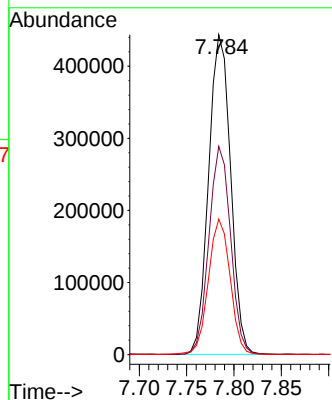
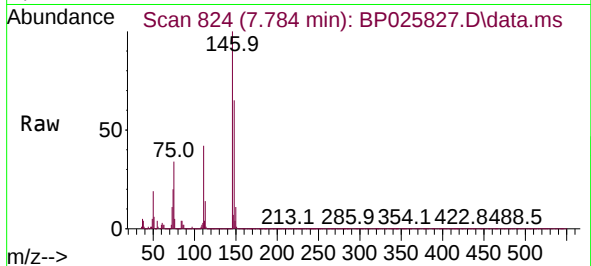




#13
1,4-Dichlorobenzene
Concen: 37.755 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

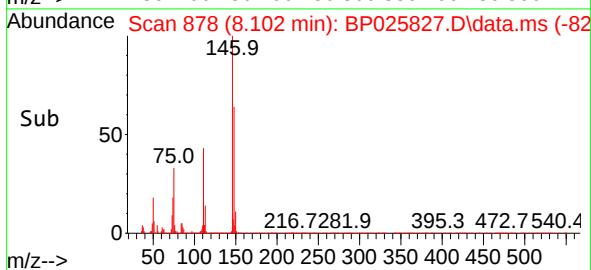
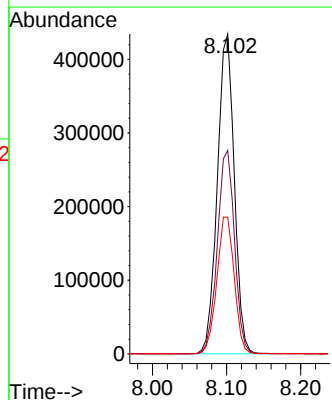
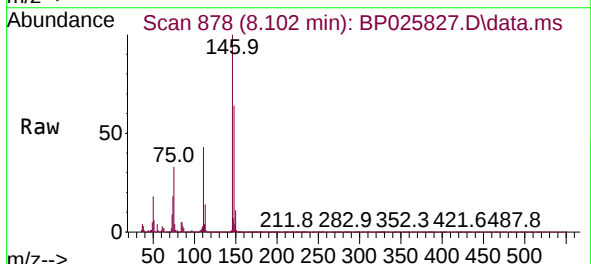
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

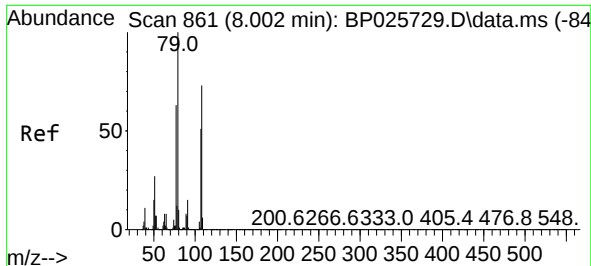
Tgt Ion:146 Resp: 717440
Ion Ratio Lower Upper
146 100
148 65.1 52.0 78.0
111 42.3 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 37.396 ng
RT: 8.102 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:146 Resp: 690352
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 42.7 35.5 53.3

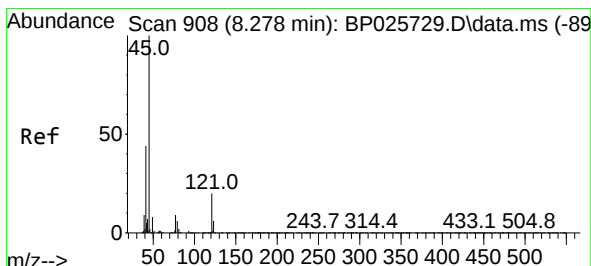
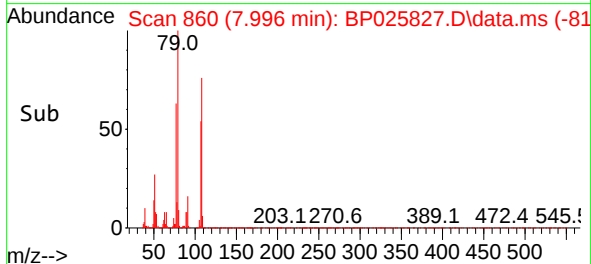
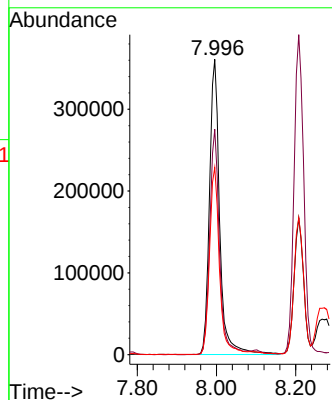
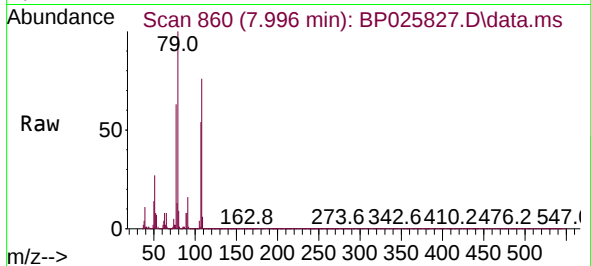




#15
Benzyl Alcohol
Concen: 39.332 ng
RT: 7.996 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

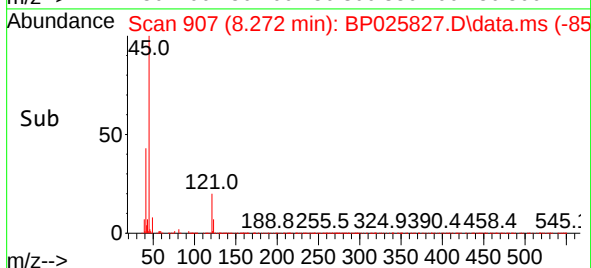
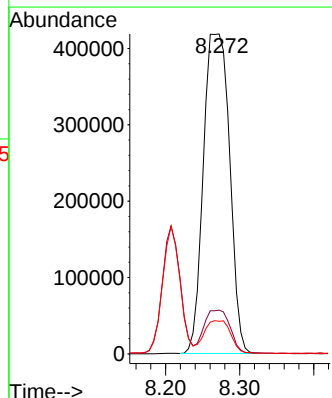
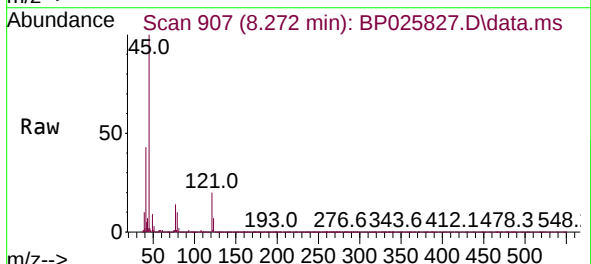
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

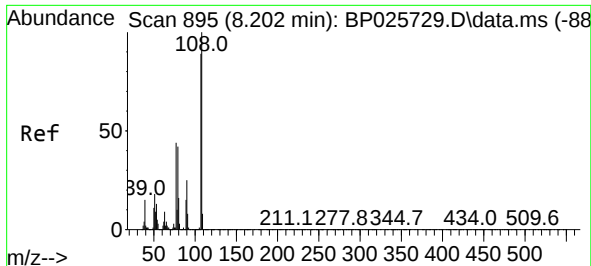
Tgt Ion: 79 Resp: 645458
Ion Ratio Lower Upper
79 100
108 76.3 58.7 88.1
77 63.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.411 ng
RT: 8.272 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 45 Resp: 1029302
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.2 0.0 30.0

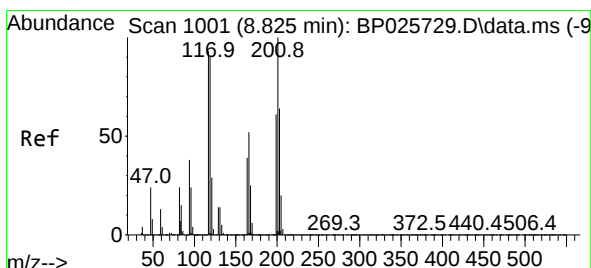
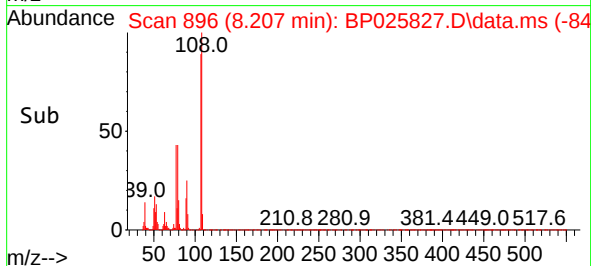
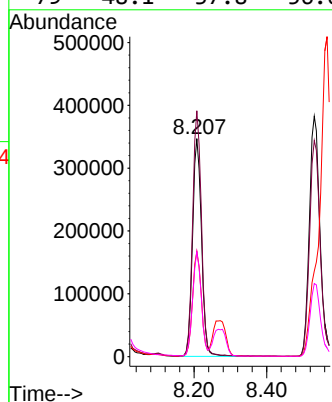
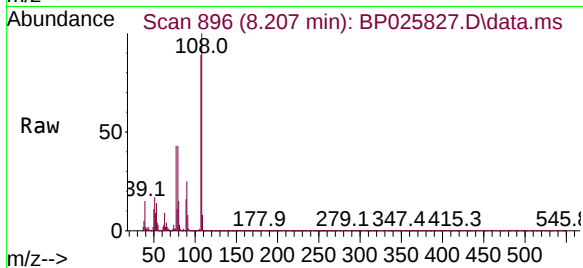




#17
2-Methylphenol
Concen: 42.310 ng
RT: 8.207 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

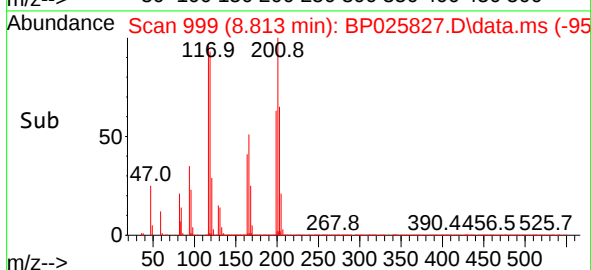
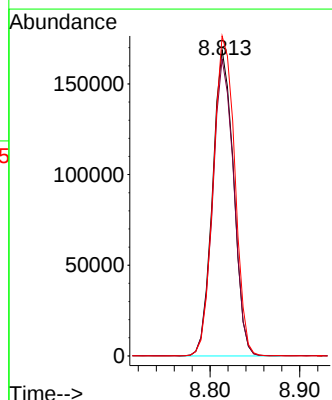
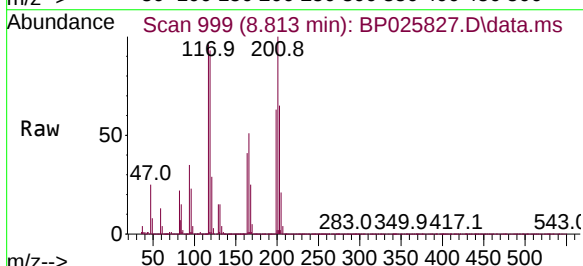
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

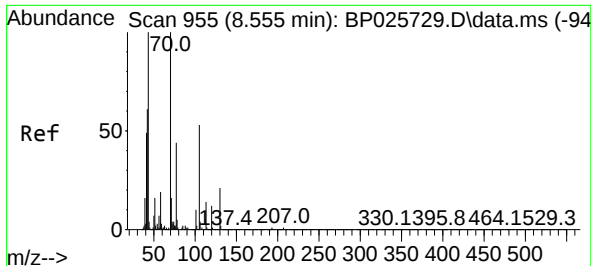
Tgt Ion:	107	Resp:	597349
Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.6	134.4
77	48.3	39.3	58.9
79	48.1	37.8	56.6



#18
Hexachloroethane
Concen: 37.834 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:	117	Resp:	274618
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.1	115.7
201	104.6	85.6	128.4

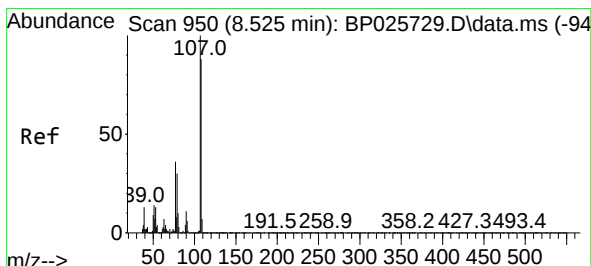
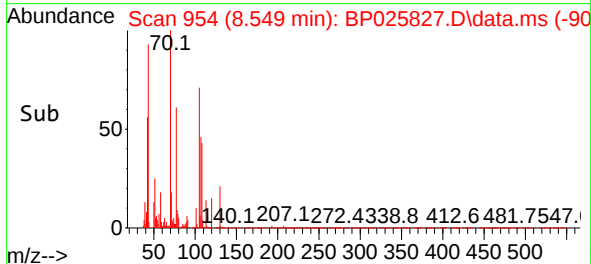
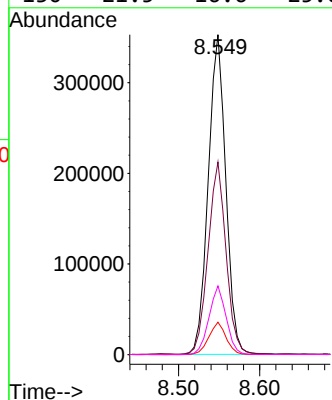
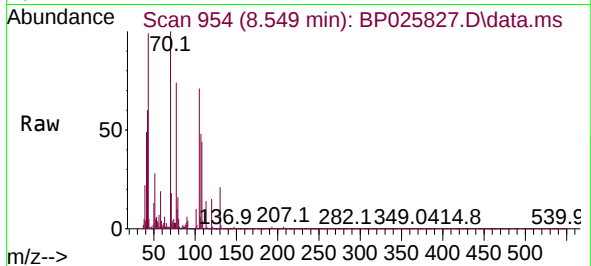




#19
n-Nitroso-di-n-propylamine
Concen: 38.388 ng
RT: 8.549 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

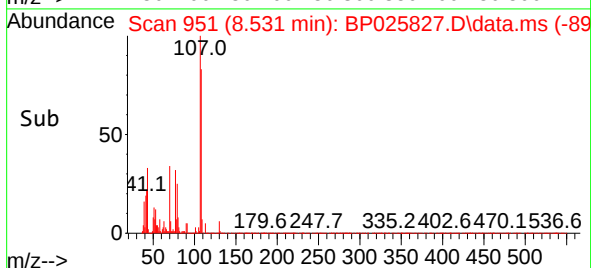
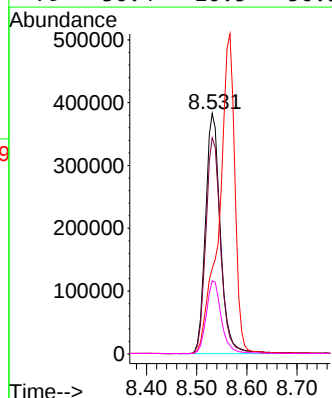
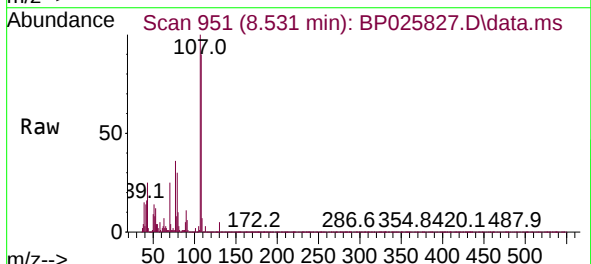
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

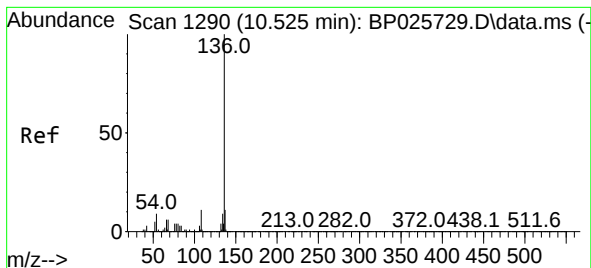
Tgt Ion: 70 Resp: 531734
Ion Ratio Lower Upper
70 100
42 60.2 49.0 73.4
101 10.1 7.9 11.9
130 21.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.938 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

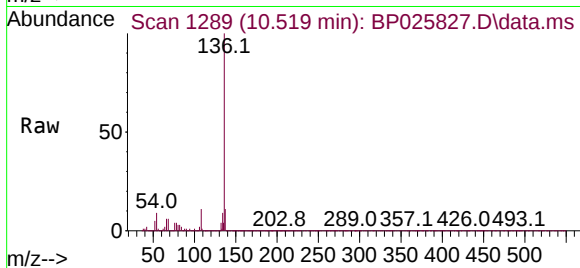
Tgt Ion: 107 Resp: 789679
Ion Ratio Lower Upper
107 100
108 89.9 67.8 107.8
77 35.6 16.1 56.1
79 30.4 10.5 50.5



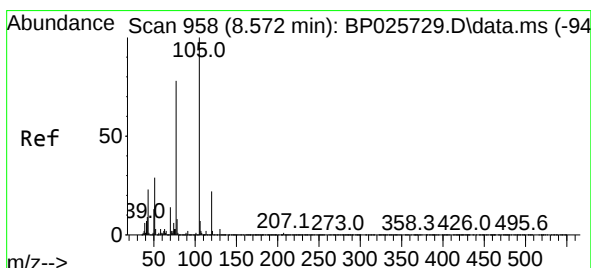
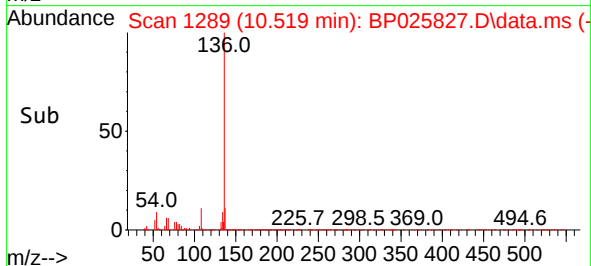
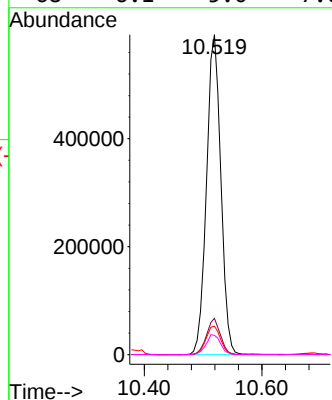


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB169765BSD

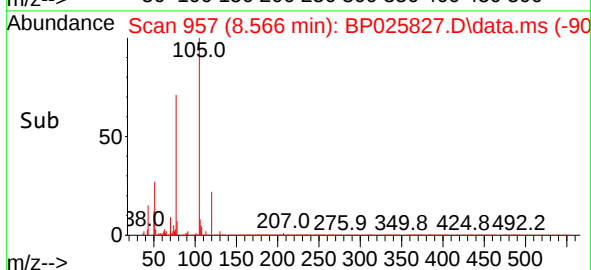
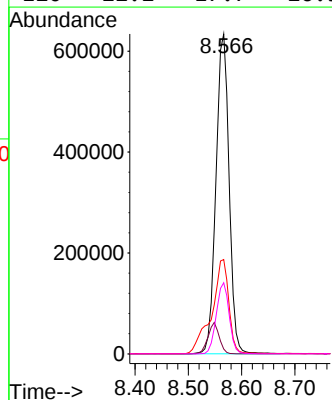
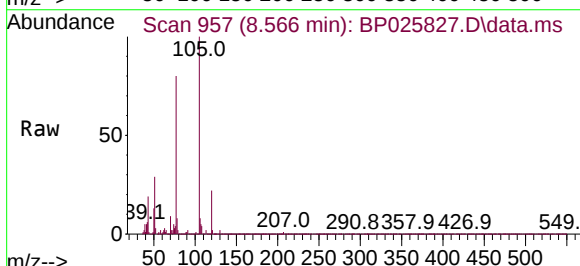


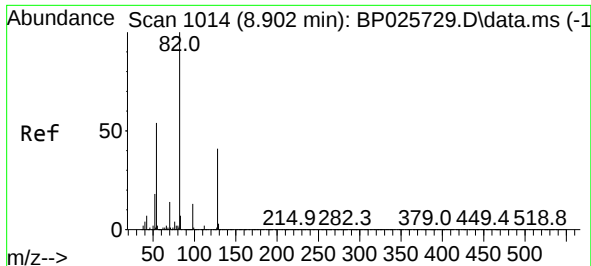
Tgt Ion:136 Resp: 1003284
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 8.9 7.5 11.3
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 40.582 ng
RT: 8.566 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:105 Resp: 1088070
Ion Ratio Lower Upper
105 100
71 1.5 1.8 2.8#
51 29.5 23.5 35.3
120 22.2 17.7 26.5



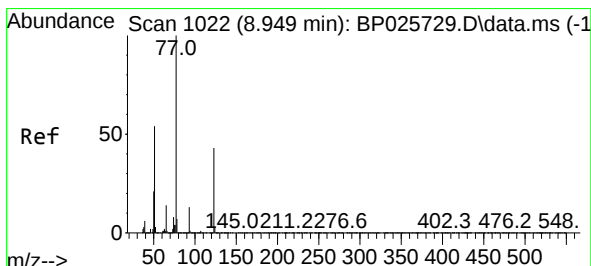
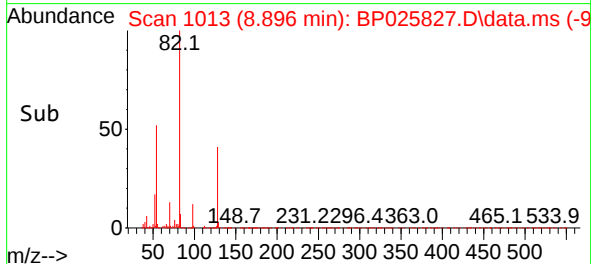
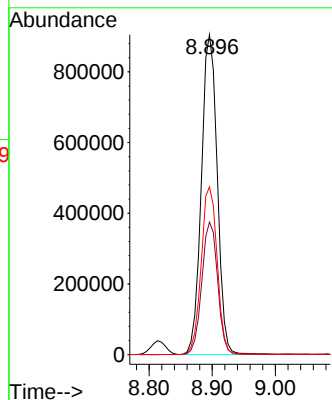
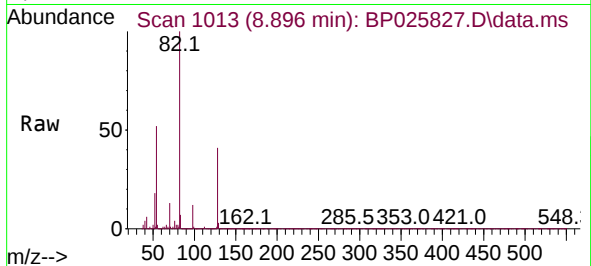


#23
Nitrobenzene-d5
Concen: 69.433 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB169765BSD

Tgt Ion: 82 Resp: 1579231

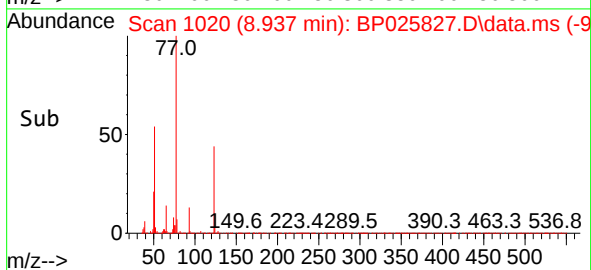
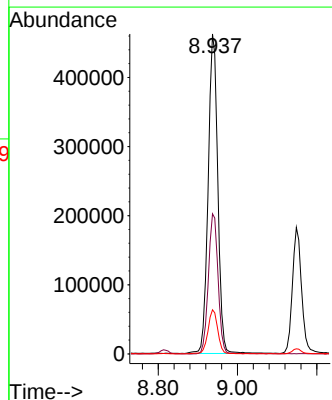
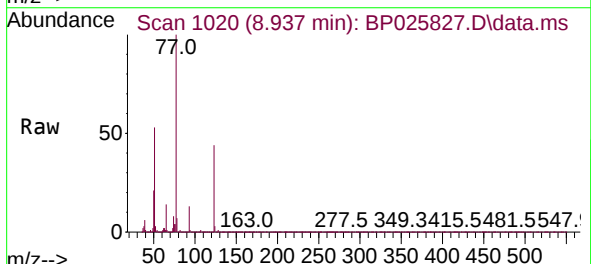
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.9	49.3
54	52.4	43.4	65.2

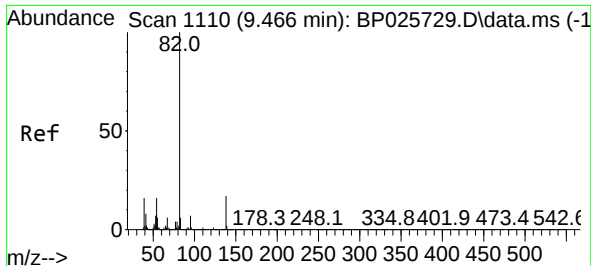


#24
Nitrobenzene
Concen: 38.176 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 77 Resp: 778953

Ion	Ratio	Lower	Upper
77	100		
123	43.8	34.4	51.6
65	13.8	10.8	16.2



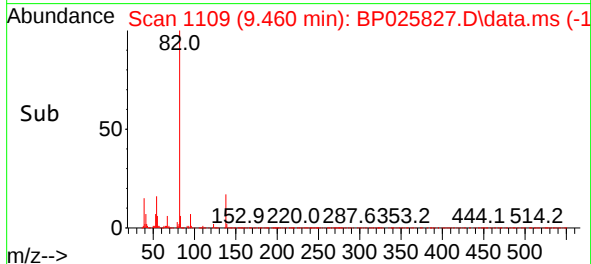
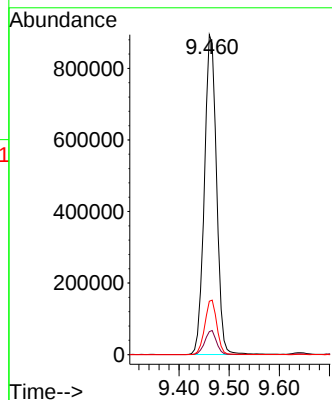
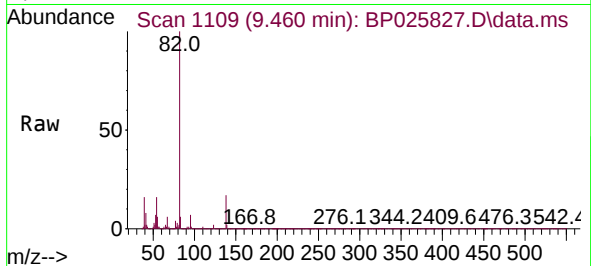


#25
Isophorone
Concen: 37.703 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB169765BSD

Tgt Ion: 82 Resp: 1507284

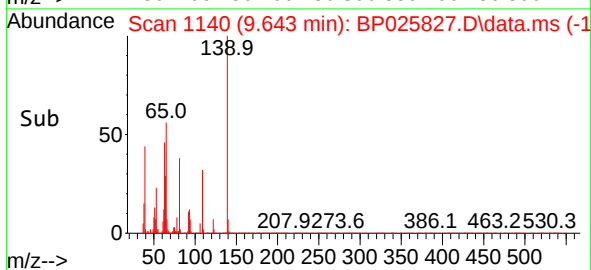
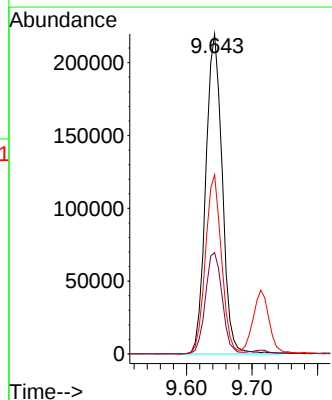
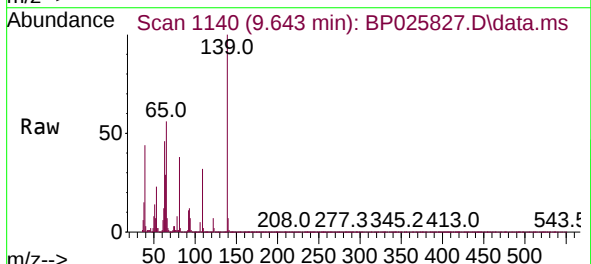
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	16.7	13.5	20.3

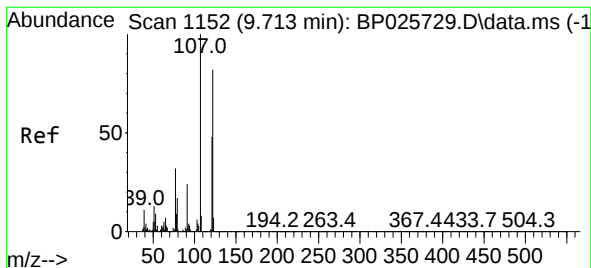


#26
2-Nitrophenol
Concen: 42.156 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 139 Resp: 381892

Ion	Ratio	Lower	Upper
139	100		
109	31.6	29.0	43.4
65	56.0	46.9	70.3





#27

2,4-Dimethylphenol

Concen: 41.368 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

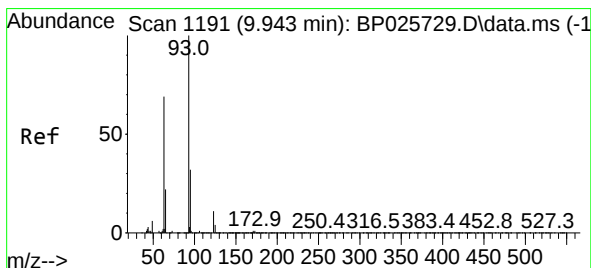
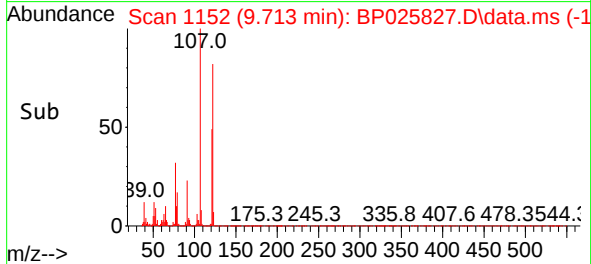
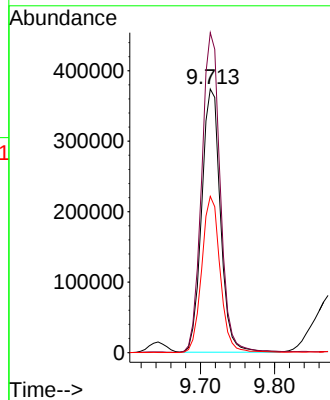
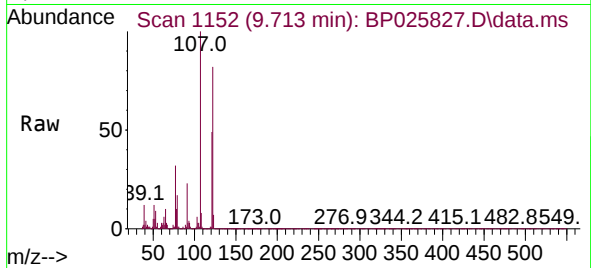
Tgt Ion:122 Resp: 657456

Ion Ratio Lower Upper

122 100

107 121.4 97.9 146.9

121 59.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.228 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

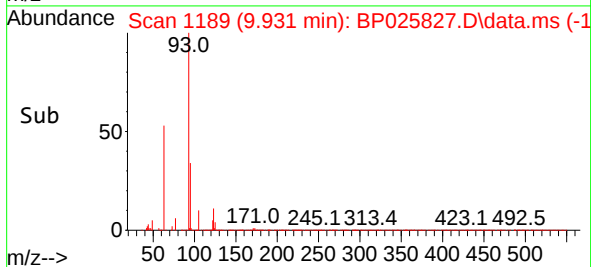
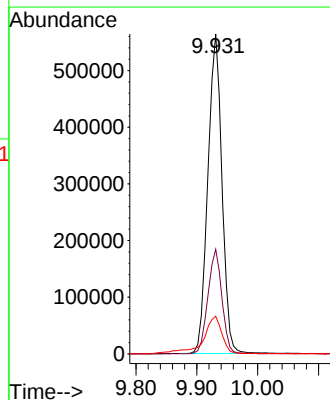
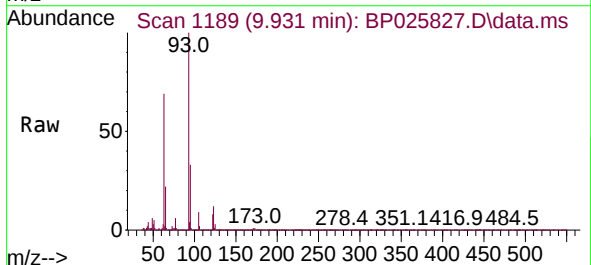
Tgt Ion: 93 Resp: 906512

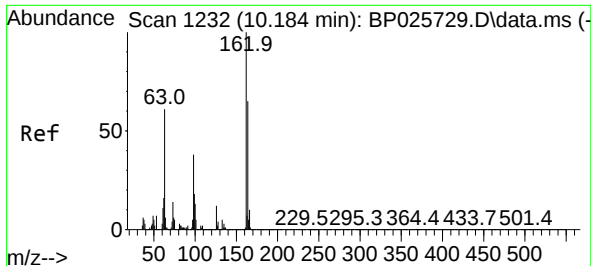
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.583 ng

RT: 10.190 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

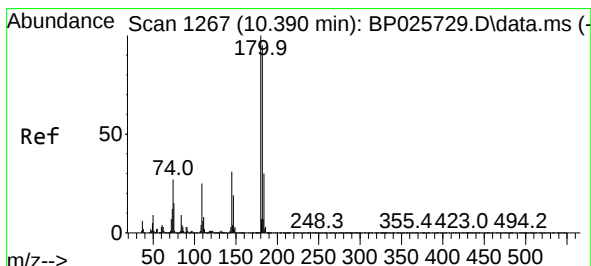
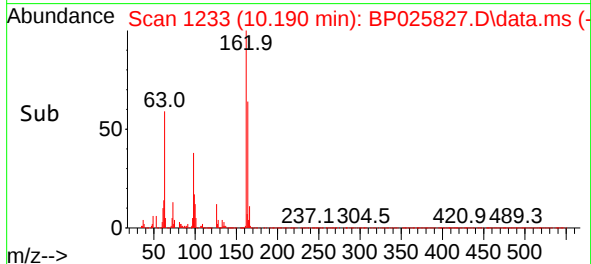
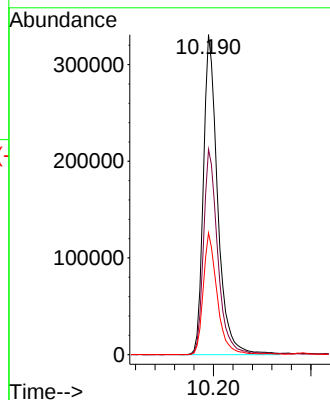
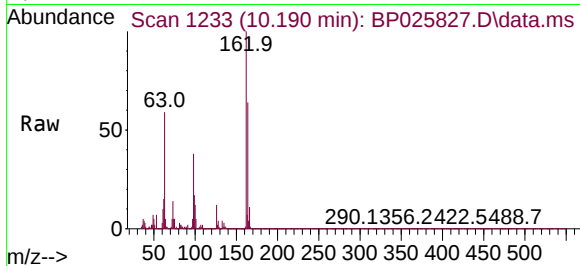
Tgt Ion:162 Resp: 674770

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 38.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.620 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

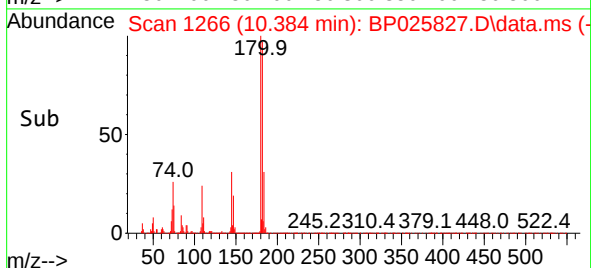
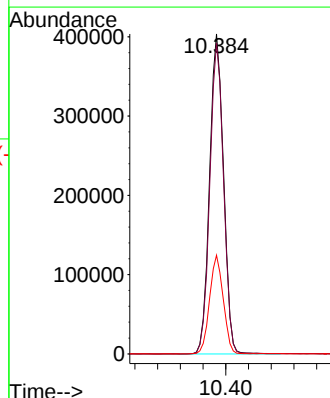
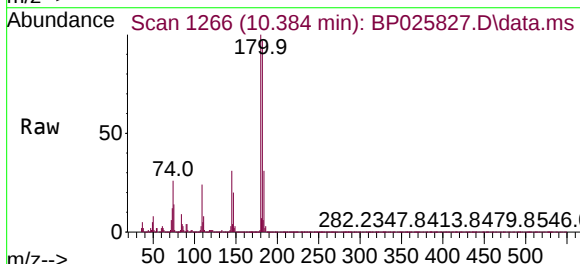
Tgt Ion:180 Resp: 689690

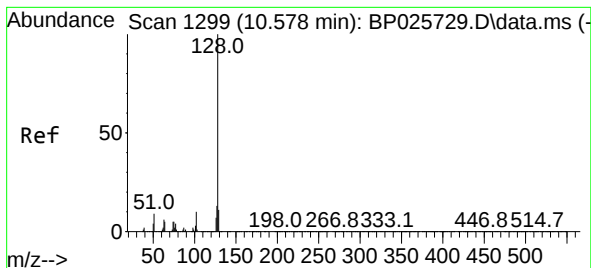
Ion Ratio Lower Upper

180 100

182 97.2 76.0 114.0

145 30.8 24.7 37.1

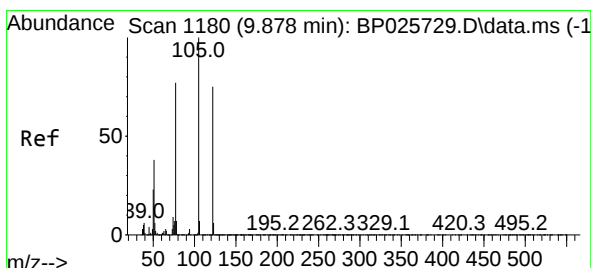
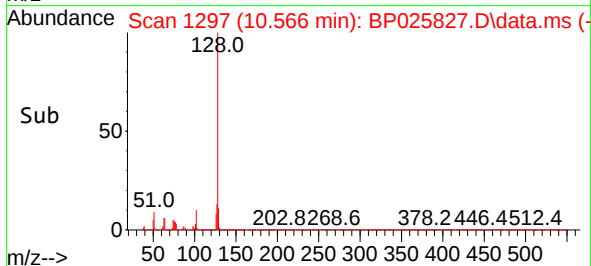
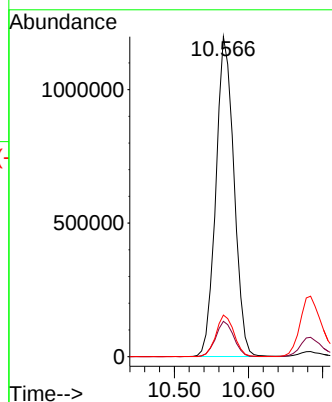
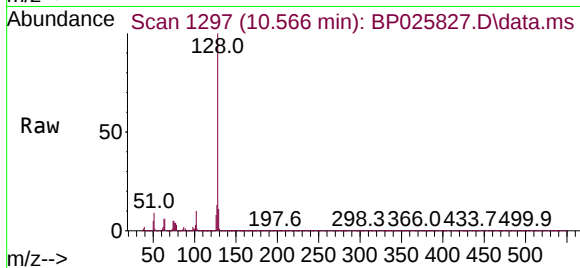




#31
Naphthalene
Concen: 37.521 ng
RT: 10.566 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

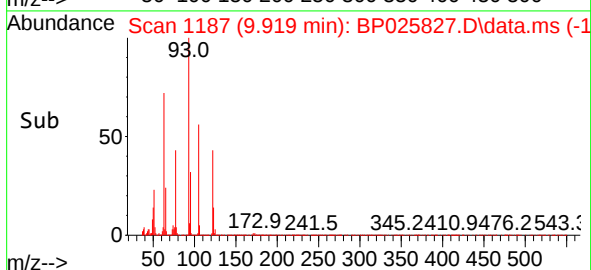
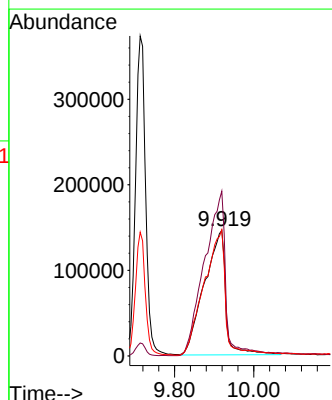
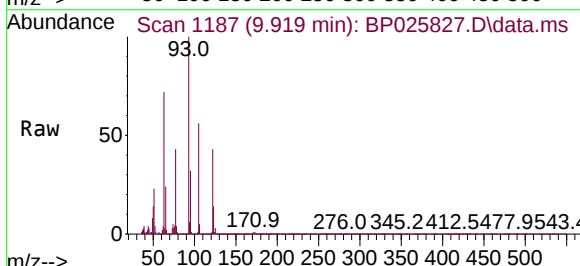
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

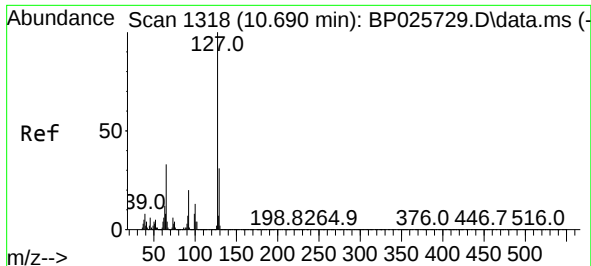
Tgt Ion:128 Resp: 2029784
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 46.296 ng
RT: 9.919 min Scan# 1187
Delta R.T. 0.041 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:122 Resp: 547026
Ion Ratio Lower Upper
122 100
105 131.2 111.5 151.5
77 100.6 81.8 121.8

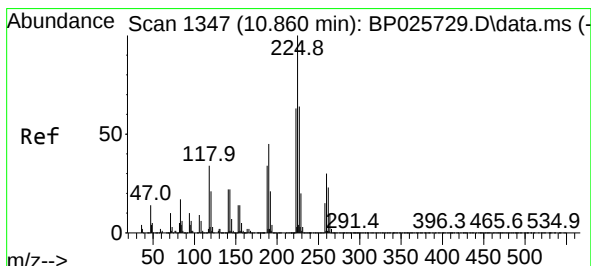
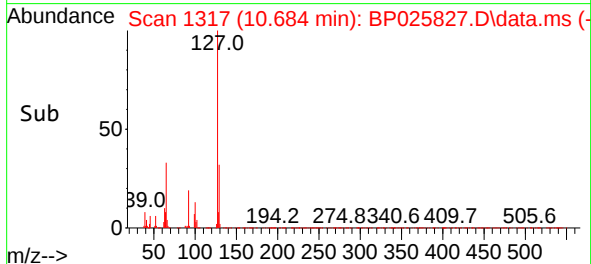
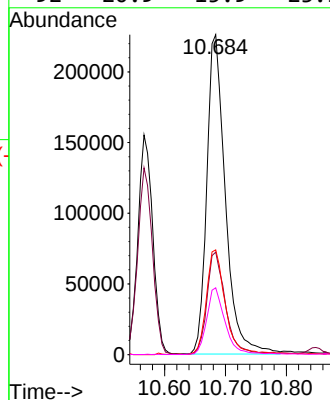
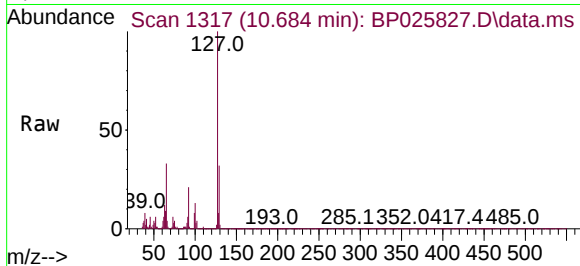




#33
4-Chloroaniline
Concen: 21.231 ng
RT: 10.684 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

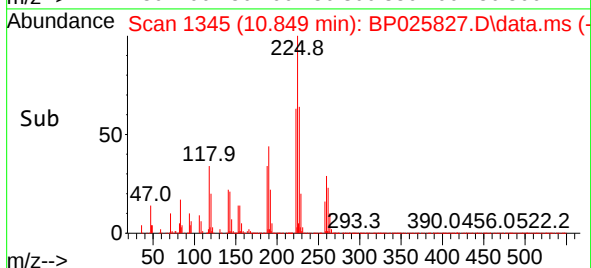
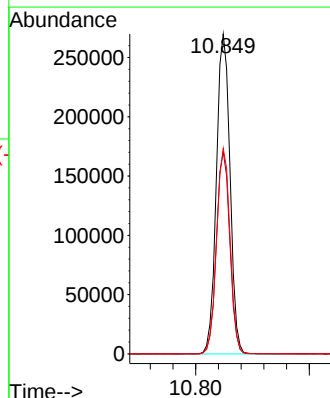
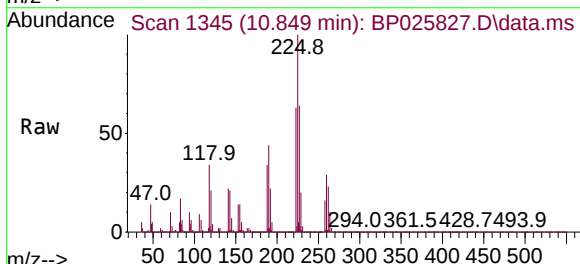
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

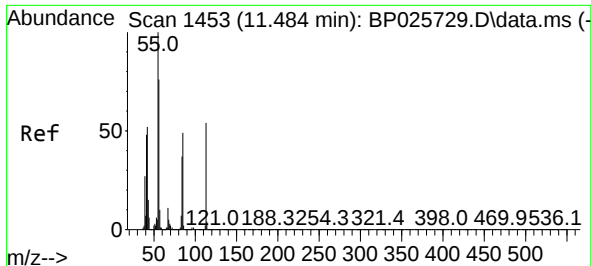
Tgt Ion:	127	Resp:	478716
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.1	37.7
65	32.7	26.4	39.6
92	20.9	15.9	23.9



#34
Hexachlorobutadiene
Concen: 38.862 ng
RT: 10.849 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:	225	Resp:	446758
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	64.2	51.2	76.8

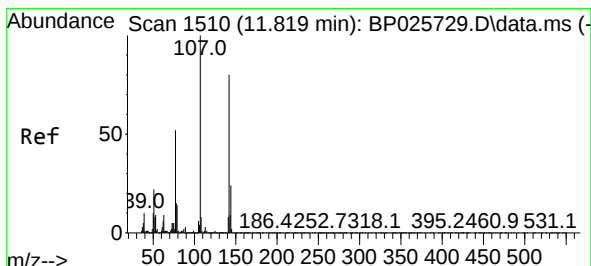
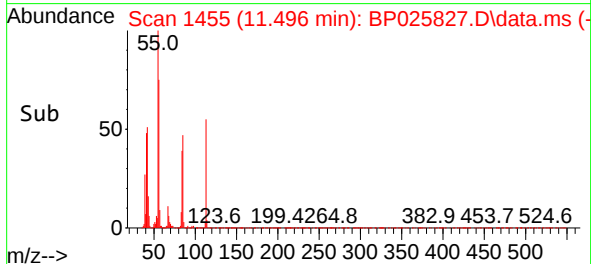
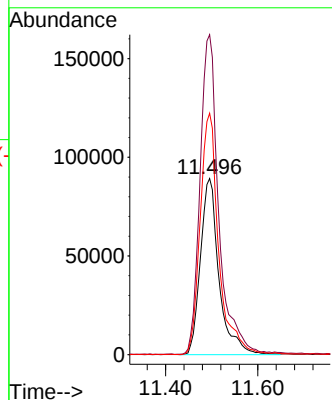
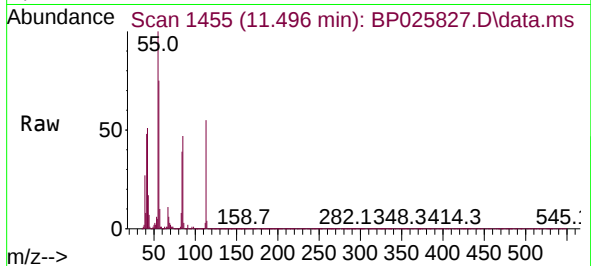




#35
Caprolactam
Concen: 40.734 ng
RT: 11.496 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

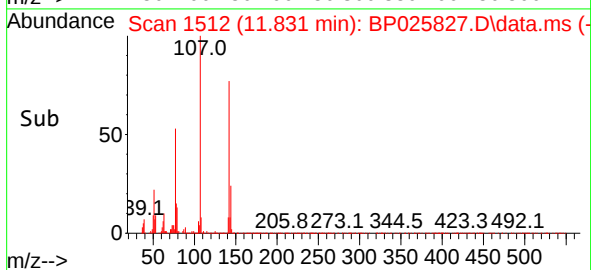
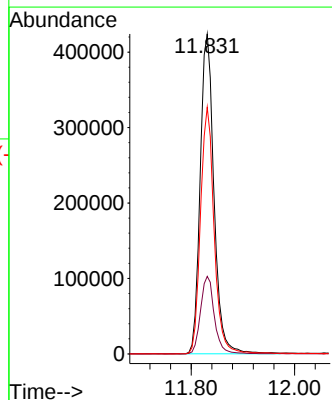
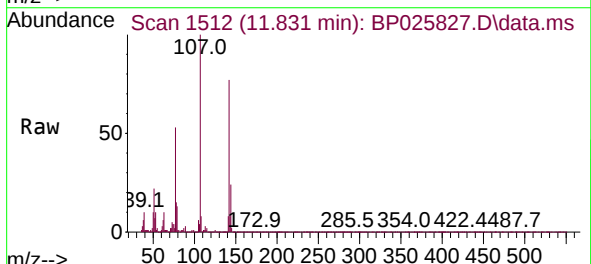
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

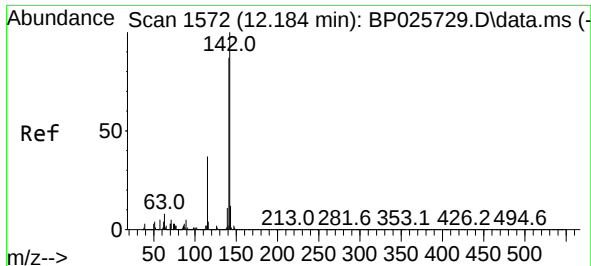
Tgt Ion:113 Resp: 248816
Ion Ratio Lower Upper
113 100
55 181.8 165.5 205.5
56 137.1 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 41.557 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:107 Resp: 785086
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.2
142 77.1 63.8 95.6

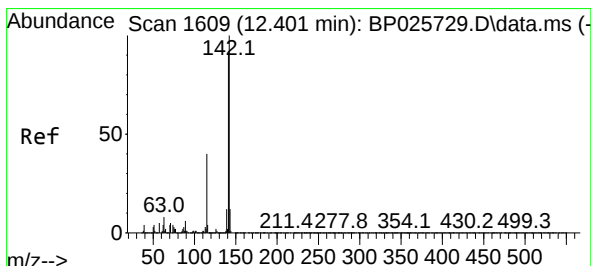
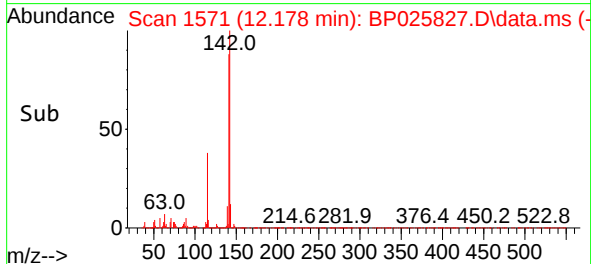
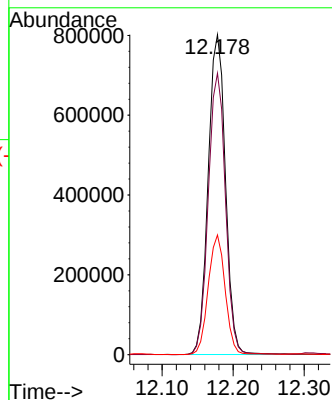
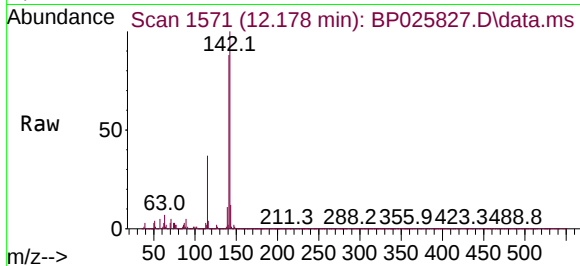




#37
2-Methylnaphthalene
Concen: 38.914 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

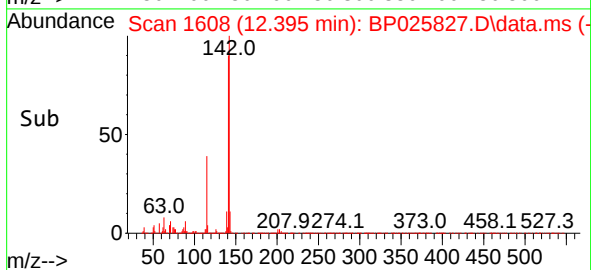
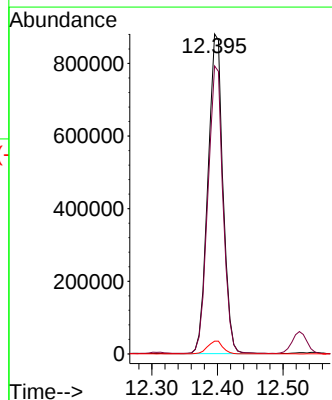
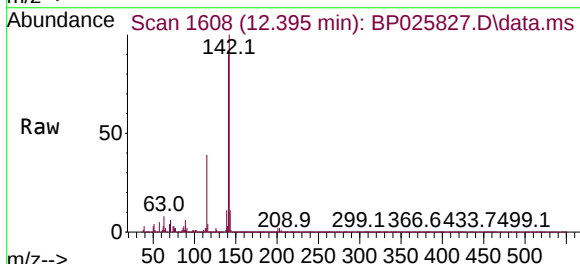
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

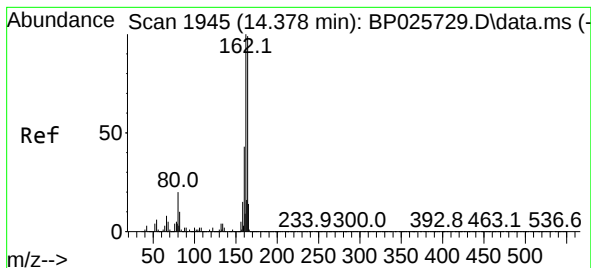
Tgt Ion:142 Resp: 1352117
Ion Ratio Lower Upper
142 100
141 87.9 69.6 104.4
115 37.4 30.0 45.0



#38
1-Methylnaphthalene
Concen: 37.678 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:142 Resp: 1396049
Ion Ratio Lower Upper
142 100
141 90.0 72.7 109.1
116 4.0 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.366 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

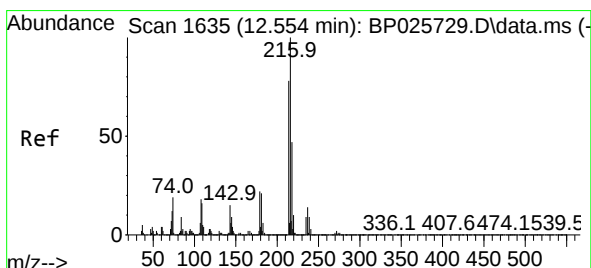
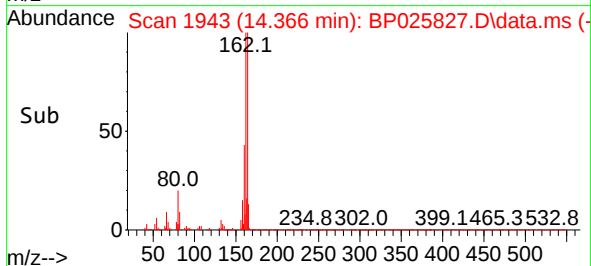
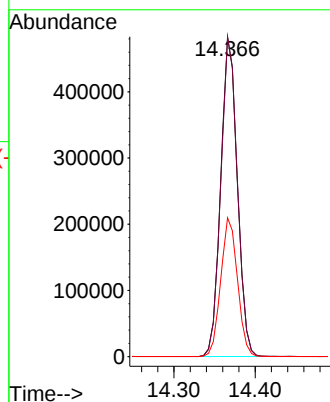
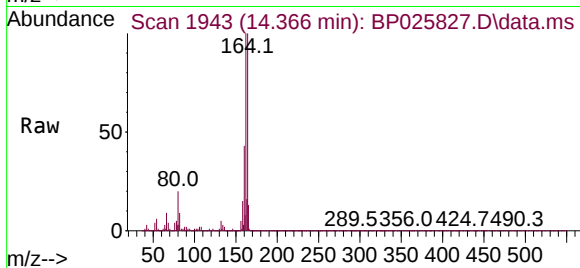
Tgt Ion:164 Resp: 683853

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

160 43.5 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.780 ng

RT: 12.548 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Tgt Ion:216 Resp: 865784

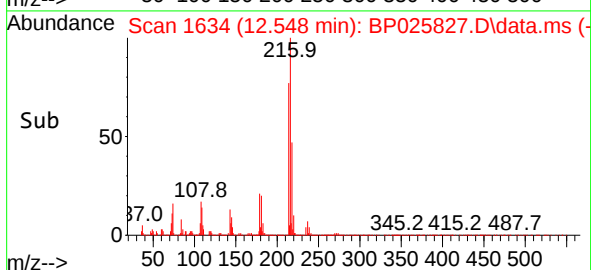
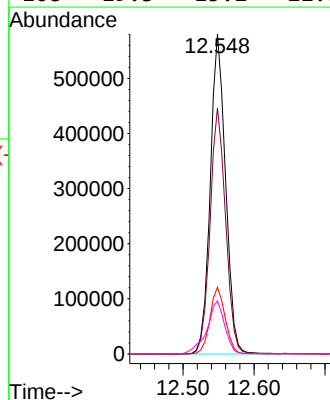
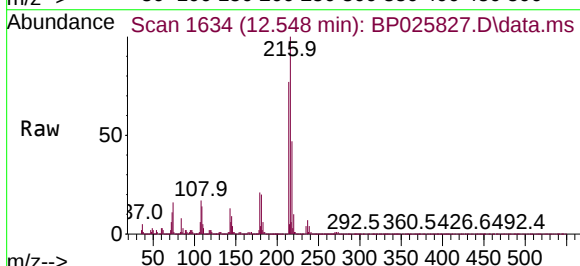
Ion Ratio Lower Upper

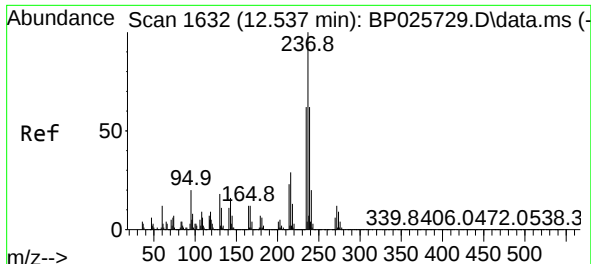
216 100

214 78.0 62.4 93.6

179 20.8 17.0 25.6

108 19.3 15.2 22.8

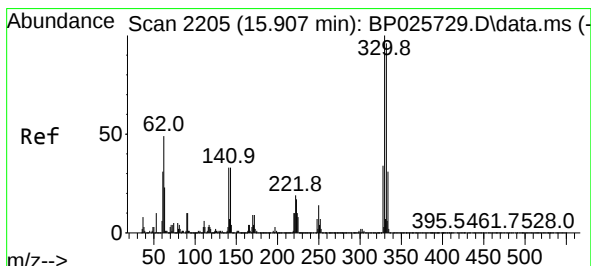
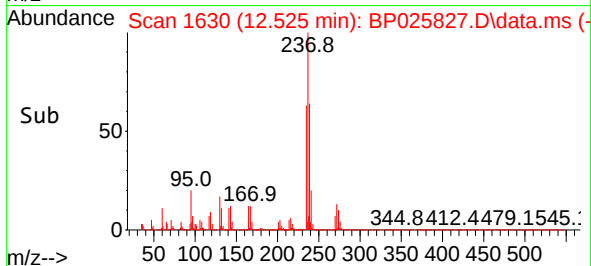
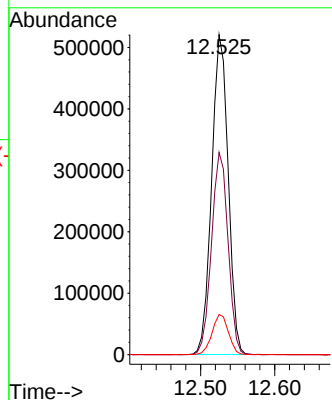
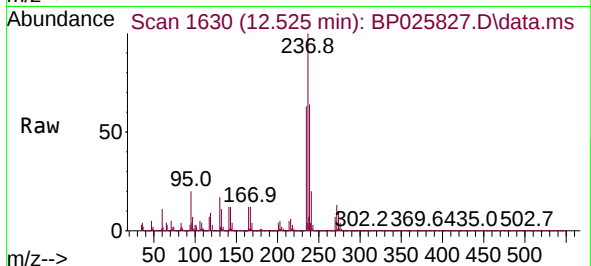




#41
Hexachlorocyclopentadiene
Concen: 71.270 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

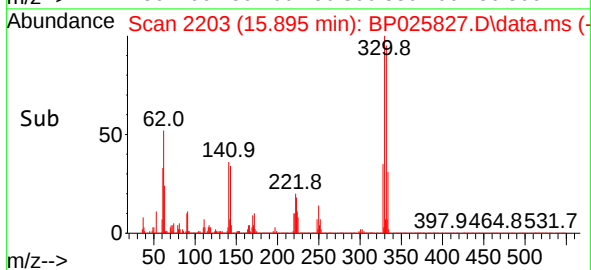
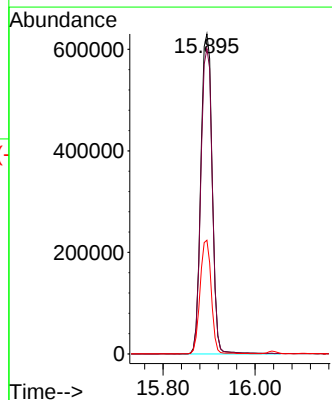
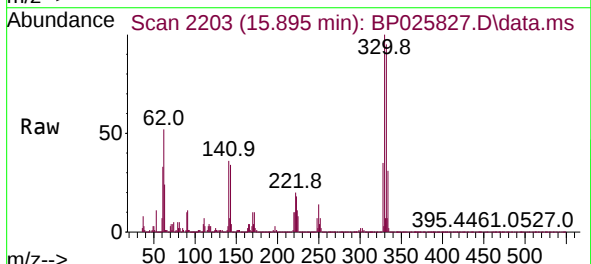
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

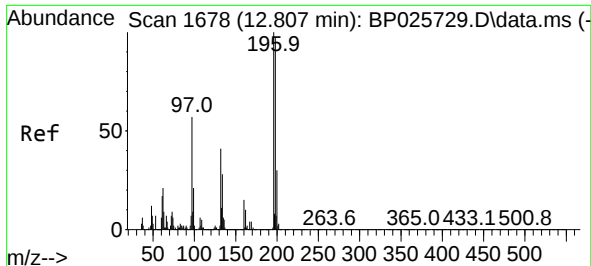
Tgt Ion:237 Resp: 804378
Ion Ratio Lower Upper
237 100
235 63.2 41.9 81.9
272 12.6 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 125.586 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:330 Resp: 1071213
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 35.1 31.0 46.4

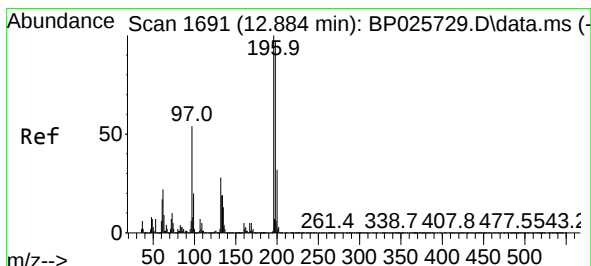
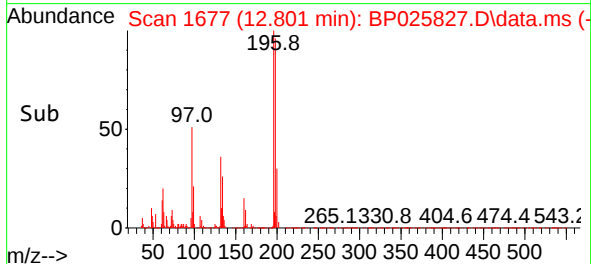
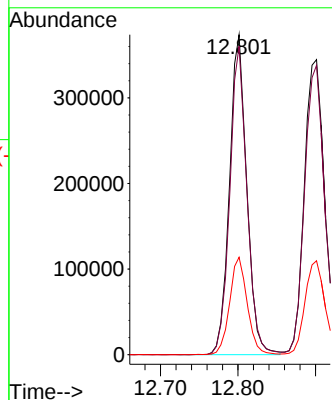
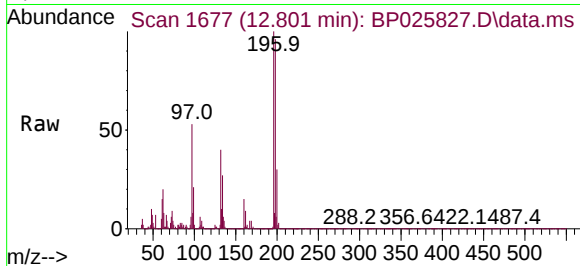




#43
2,4,6-Trichlorophenol
Concen: 42.712 ng
RT: 12.801 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

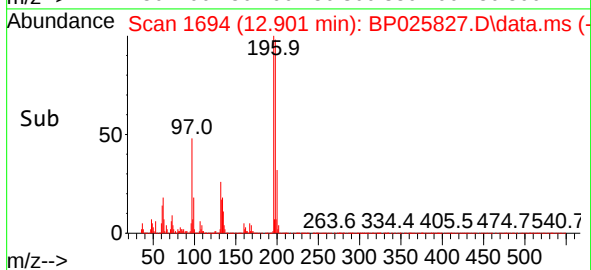
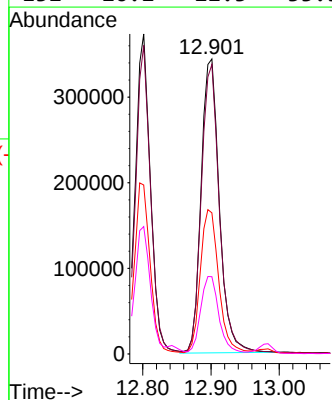
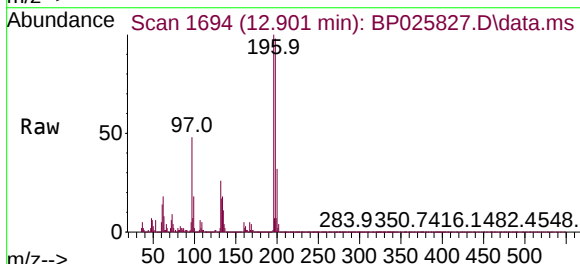
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

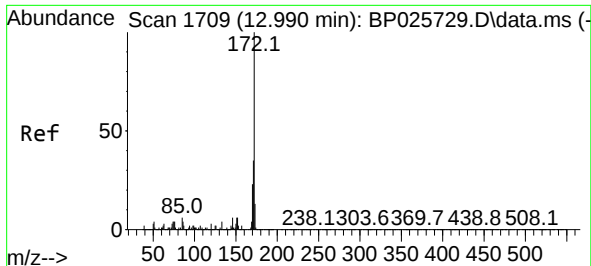
Tgt Ion:196 Resp: 581864
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
200 30.4 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 42.172 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.018 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:196 Resp: 639390
Ion Ratio Lower Upper
196 100
198 98.1 77.8 116.8
97 47.8 43.3 64.9
132 26.2 22.3 33.5

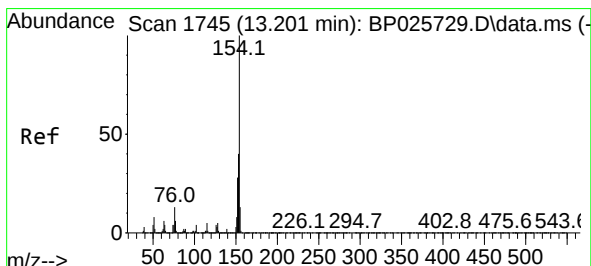
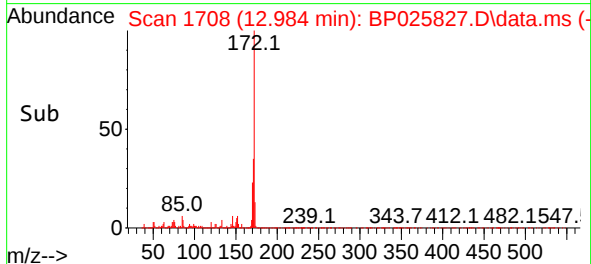
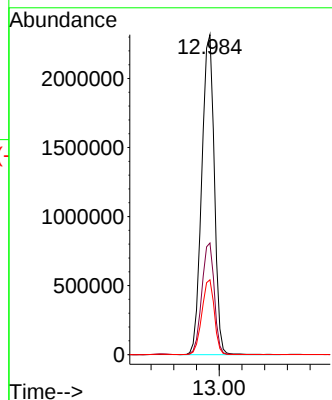
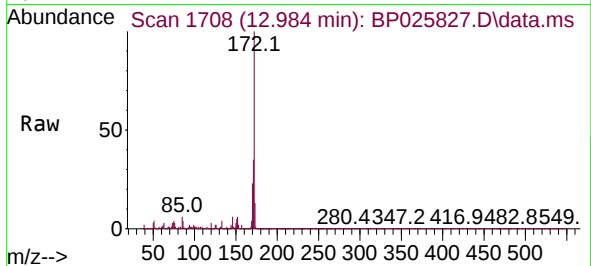




#45
2-Fluorobiphenyl
Concen: 69.131 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

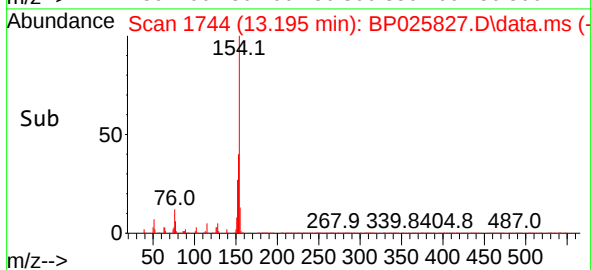
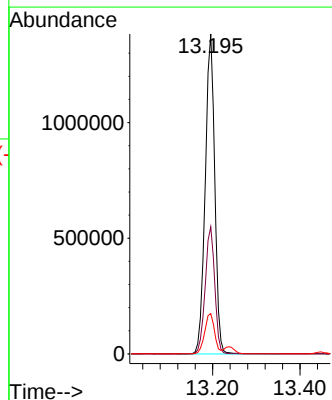
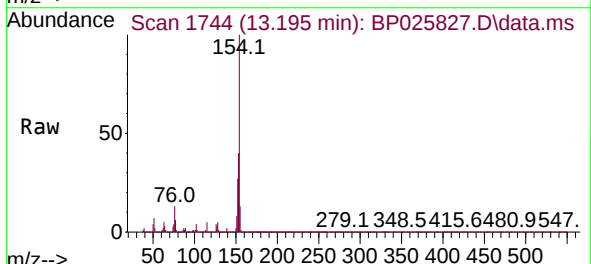
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

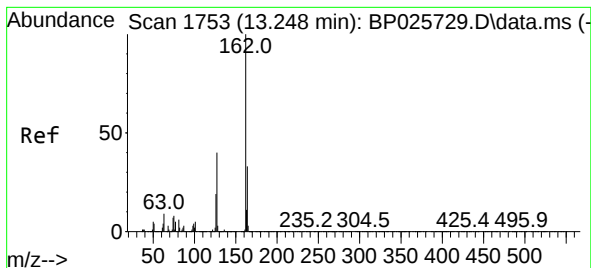
Tgt Ion:172 Resp: 3550546
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 41.298 ng
RT: 13.195 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:154 Resp: 2072980
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 12.6 0.0 33.3

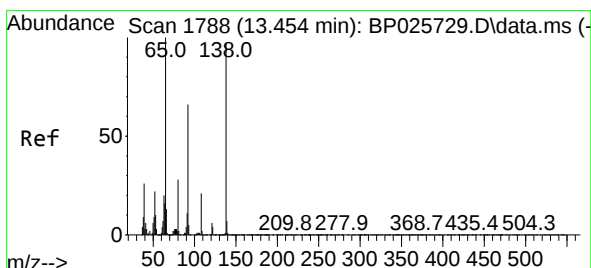
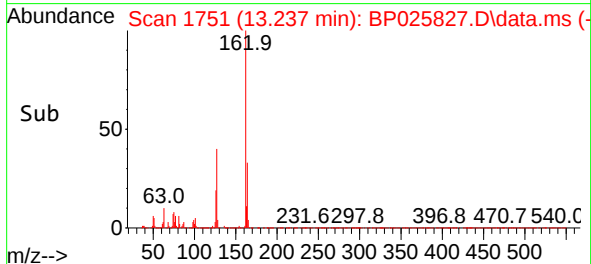
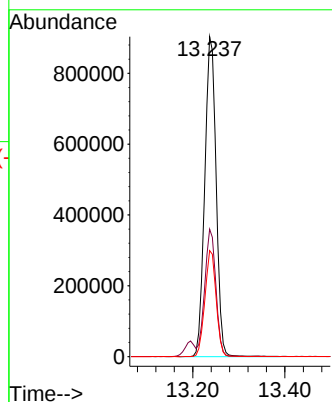
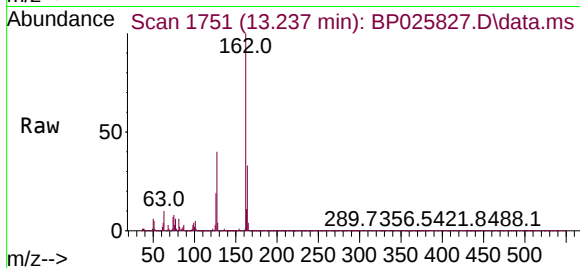




#47
2-Chloronaphthalene
Concen: 38.975 ng
RT: 13.237 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

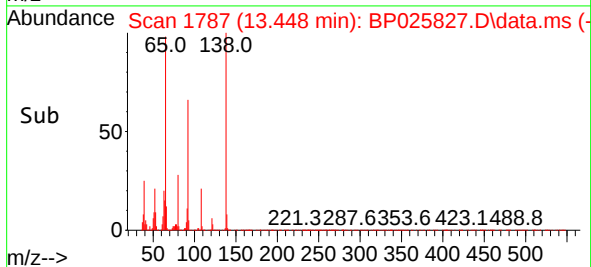
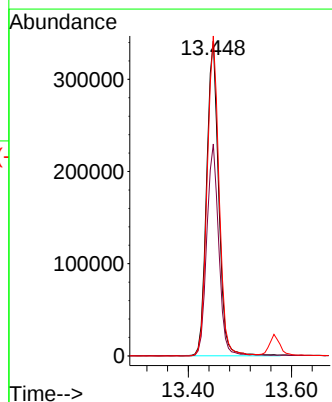
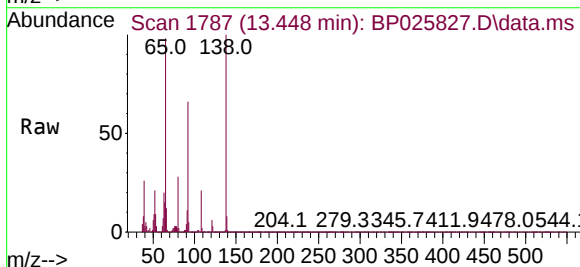
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

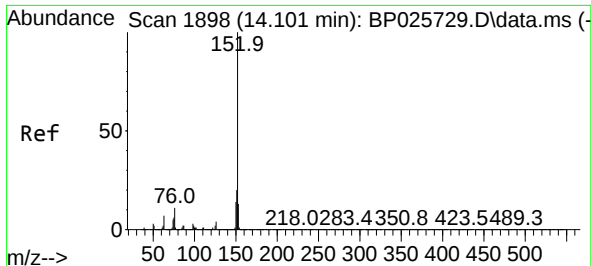
Tgt Ion:162 Resp: 1540431
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.4
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 41.825 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion: 65 Resp: 551043
Ion Ratio Lower Upper
65 100
92 67.3 53.1 79.7
138 101.6 77.8 116.8

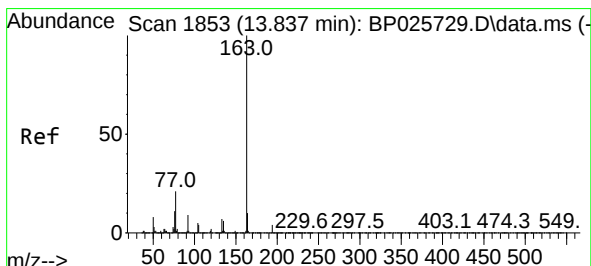
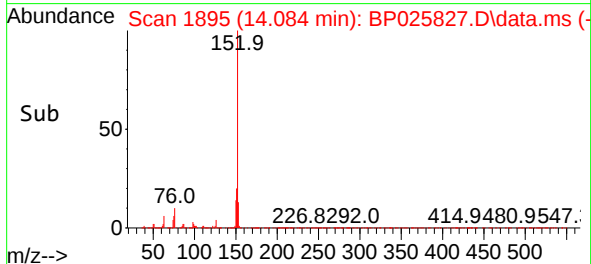
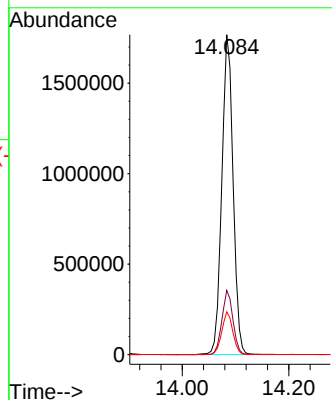
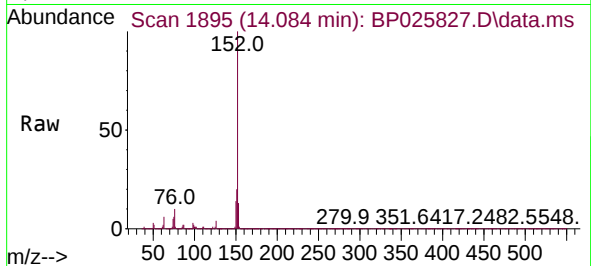




#49
Acenaphthylene
Concen: 39.623 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.018 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

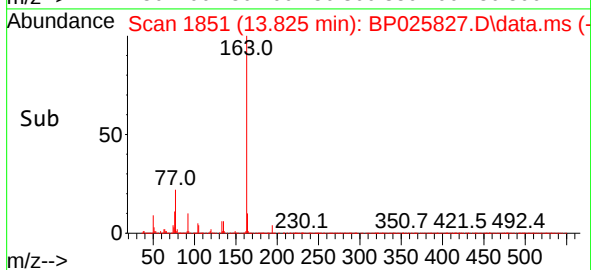
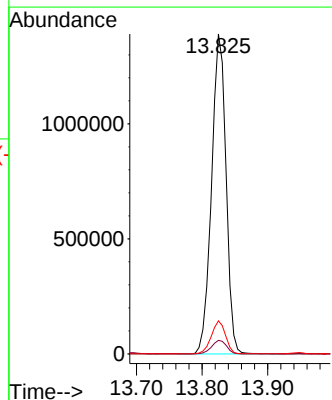
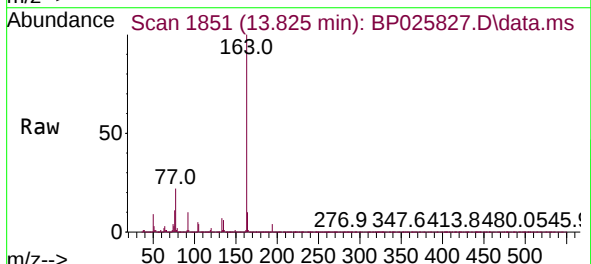
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

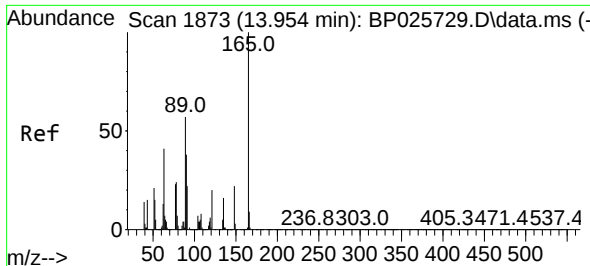
Tgt Ion:152 Resp: 2594738
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 40.832 ng
RT: 13.825 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:163 Resp: 2131829
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.2 12.2

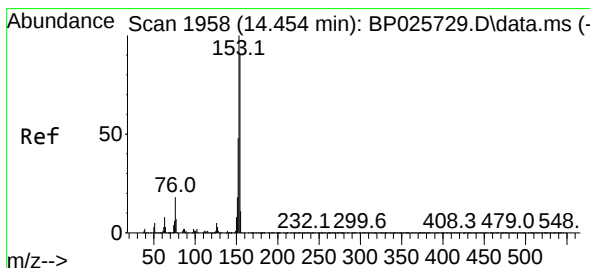
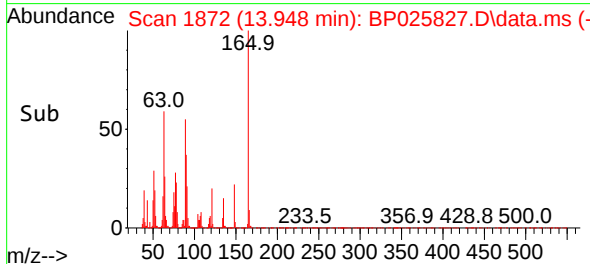
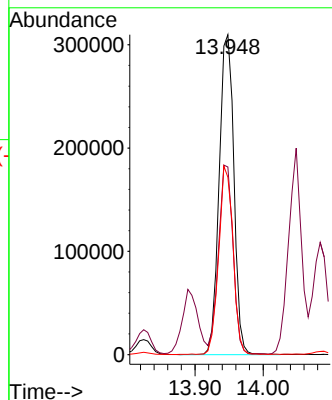
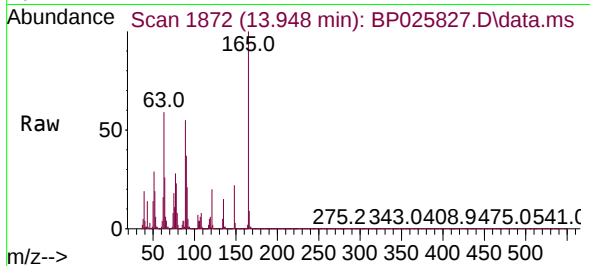




#51
2,6-Dinitrotoluene
Concen: 41.688 ng
RT: 13.948 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

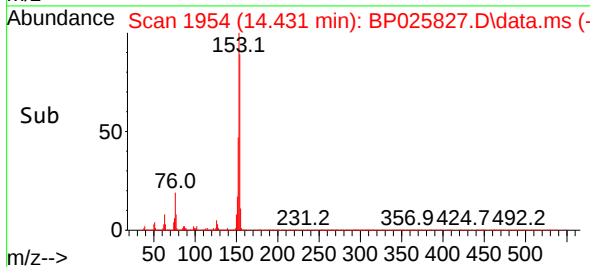
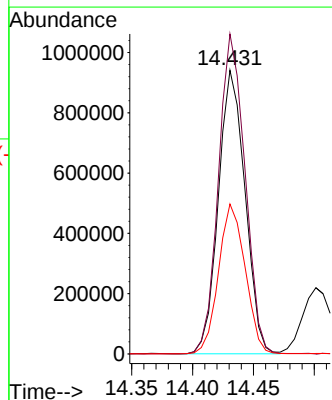
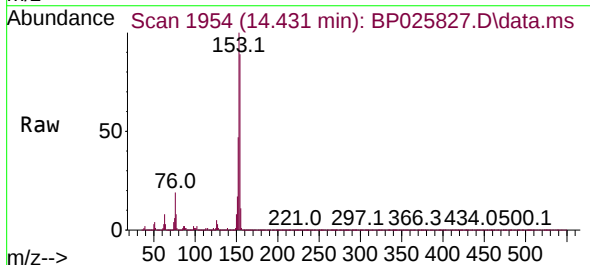
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

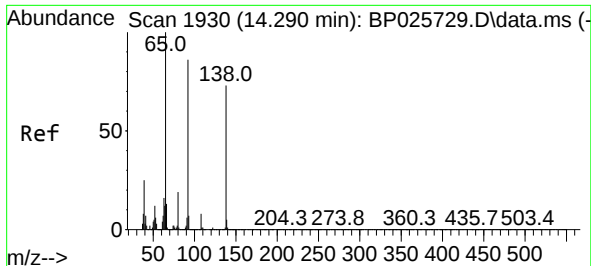
Tgt Ion:165 Resp: 461126
Ion Ratio Lower Upper
165 100
63 58.6 48.1 72.1
89 55.4 45.4 68.0



#52
Acenaphthene
Concen: 38.019 ng
RT: 14.431 min Scan# 1954
Delta R.T. -0.024 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:154 Resp: 1435814
Ion Ratio Lower Upper
154 100
153 112.8 89.4 134.0
152 52.8 42.5 63.7

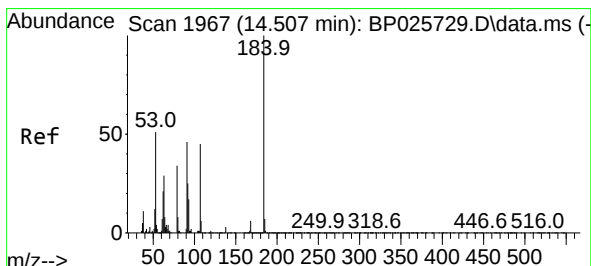
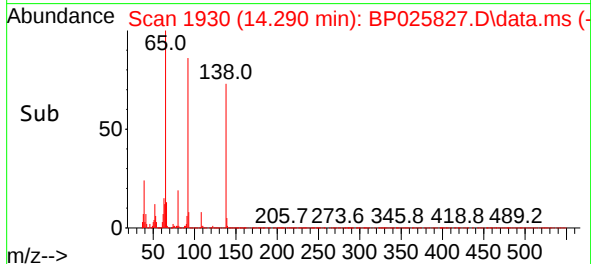
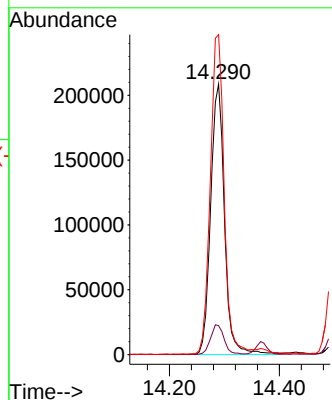
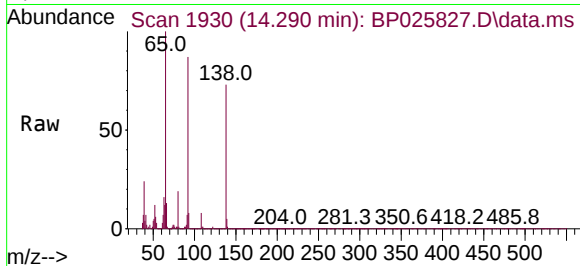




#53
3-Nitroaniline
Concen: 31.281 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

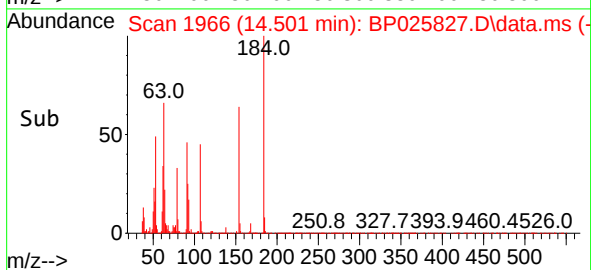
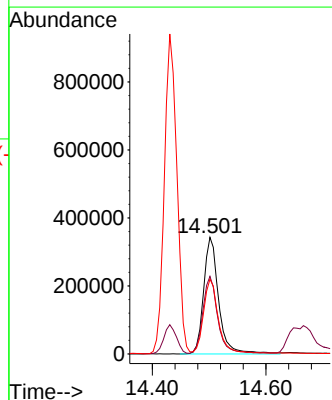
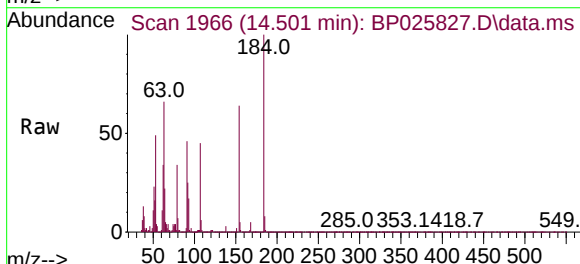
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

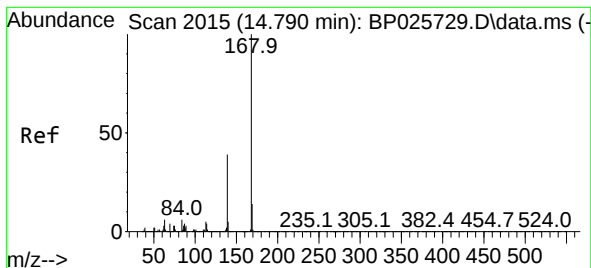
Tgt Ion:138 Resp: 363861
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 118.3 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 87.082 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:184 Resp: 629560
Ion Ratio Lower Upper
184 100
63 66.5 52.5 78.7
154 64.0 51.5 77.3

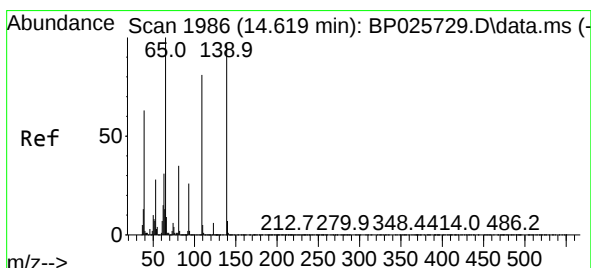
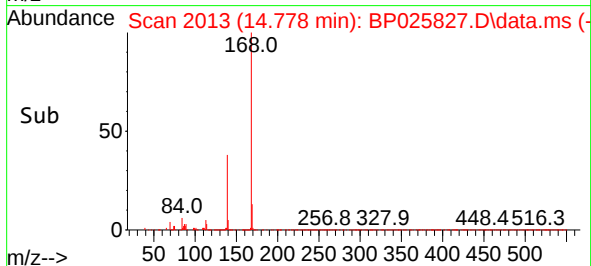
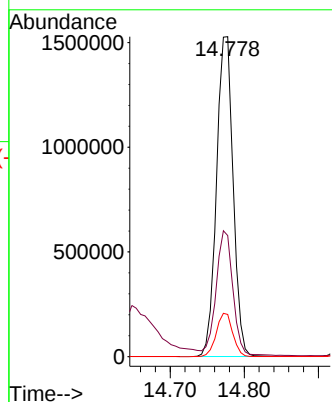
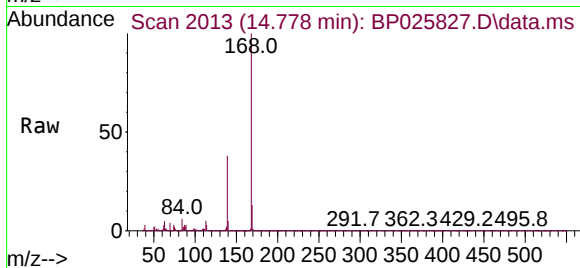




#55
Dibenzofuran
Concen: 38.711 ng
RT: 14.778 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

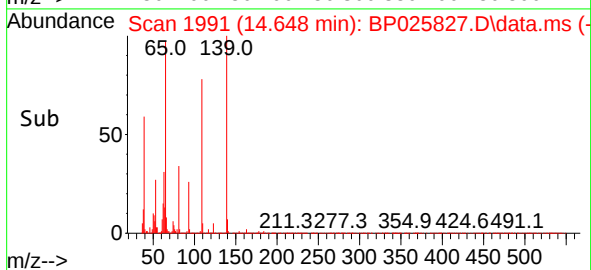
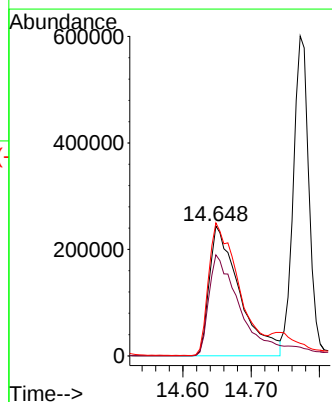
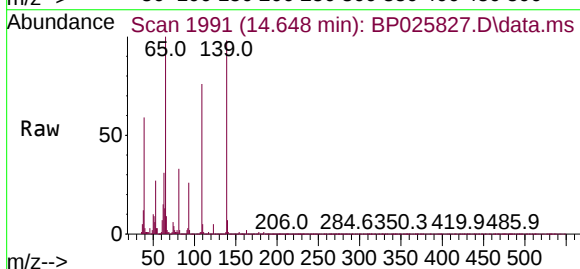
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

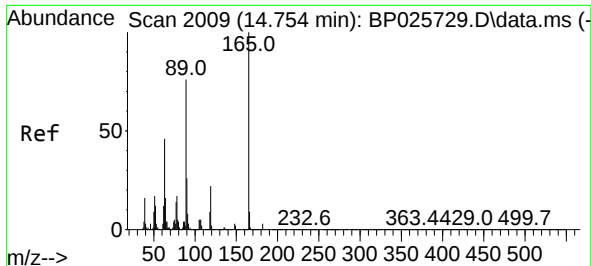
Tgt Ion:168 Resp: 2382703
Ion Ratio Lower Upper
168 100
139 37.8 31.7 47.5
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 75.492 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:139 Resp: 753534
Ion Ratio Lower Upper
139 100
109 77.9 62.9 102.9
65 102.5 83.4 123.4

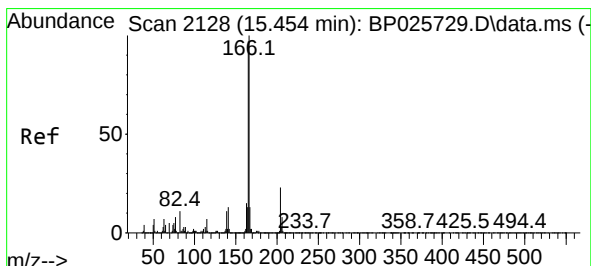
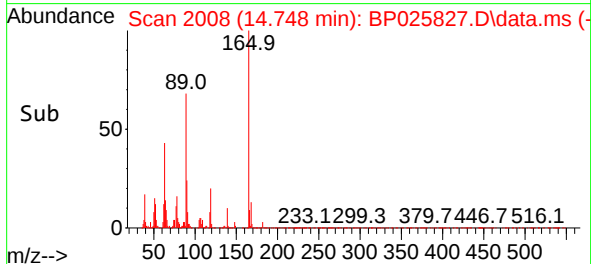
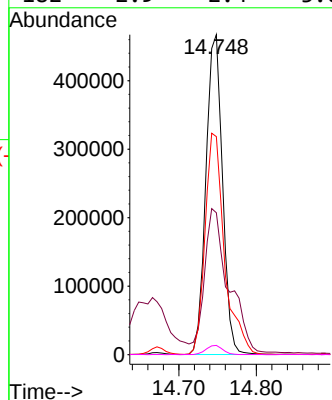
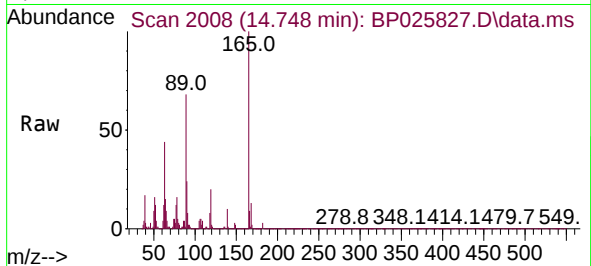




#57
2,4-Dinitrotoluene
Concen: 43.993 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

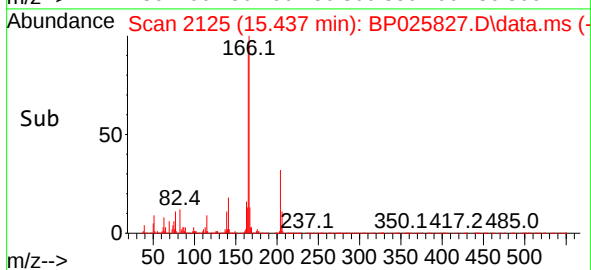
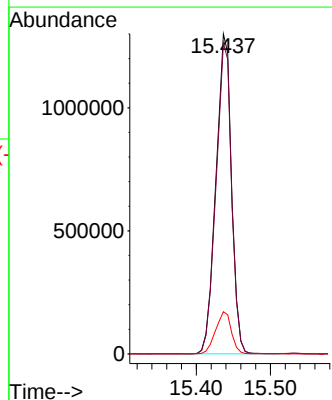
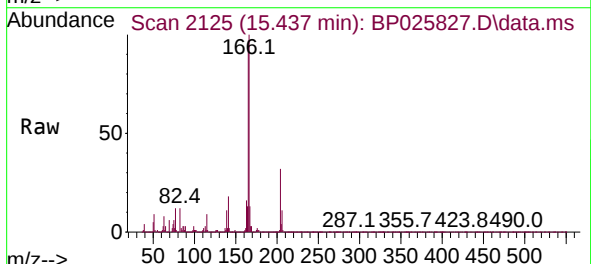
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

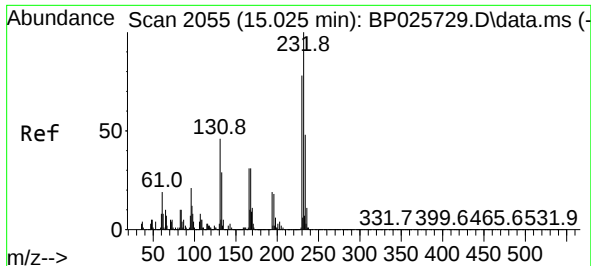
Tgt Ion:165 Resp: 692537
Ion Ratio Lower Upper
165 100
63 44.3 37.7 56.5
89 68.1 61.0 91.6
182 2.9 2.4 3.6



#58
Fluorene
Concen: 38.667 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:166 Resp: 1892494
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.2 10.6 16.0

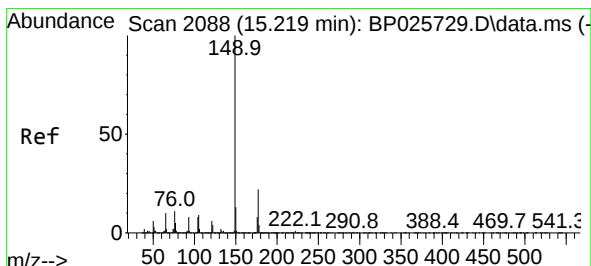
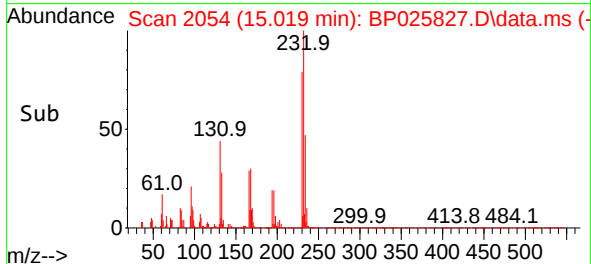
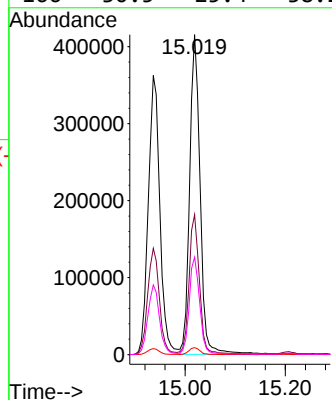
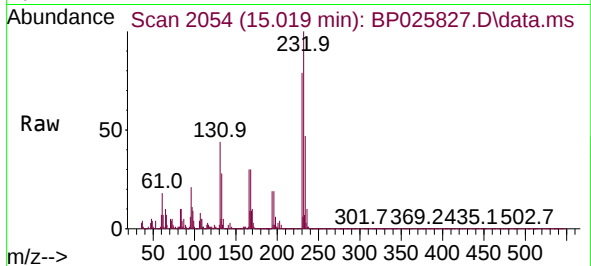




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.933 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

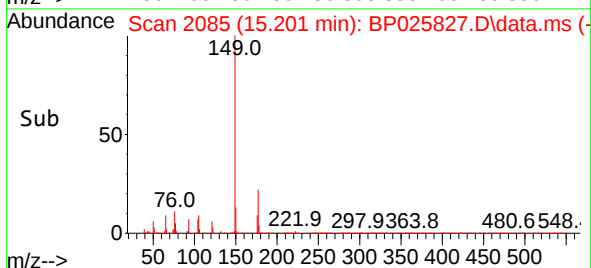
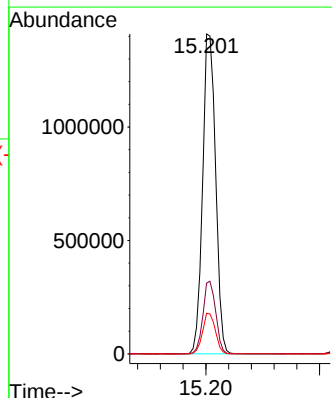
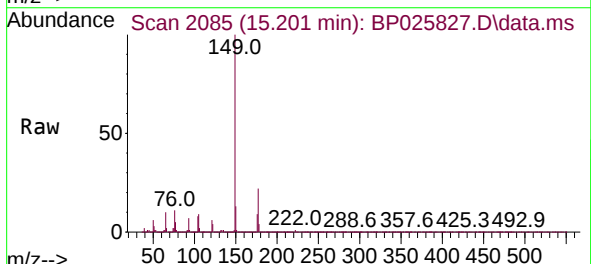
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

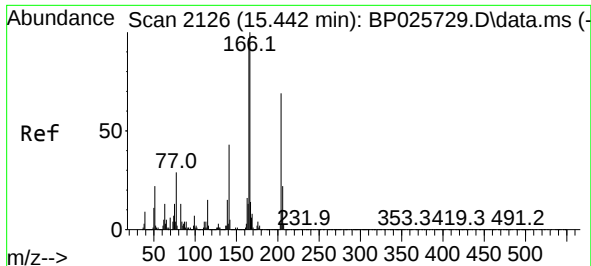
Tgt Ion:232 Resp: 600030
Ion Ratio Lower Upper
232 100
131 43.2 36.7 55.1
130 2.4 2.0 3.0
166 30.5 25.4 38.2



#60
Diethylphthalate
Concen: 42.252 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:149 Resp: 2237617
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.7 10.0 15.0

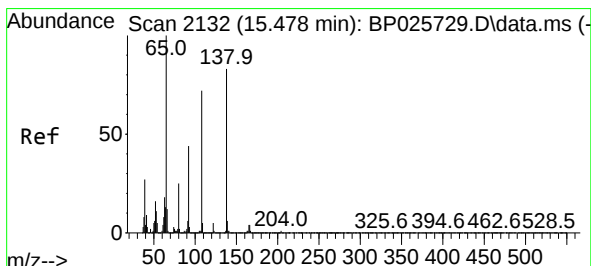
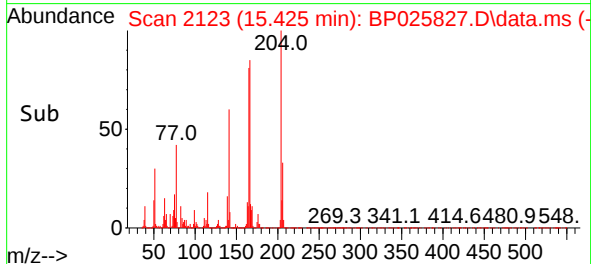
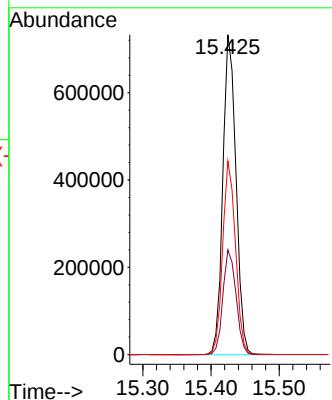
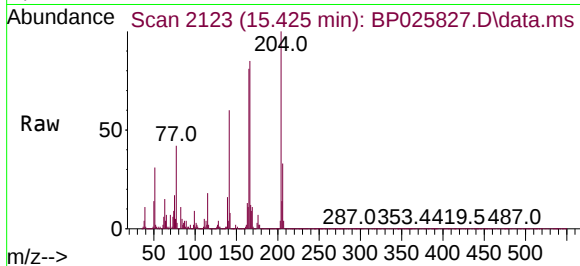




#61
4-Chlorophenyl-phenylether
Concen: 39.397 ng
RT: 15.425 min Scan# 2112
Delta R.T. -0.018 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

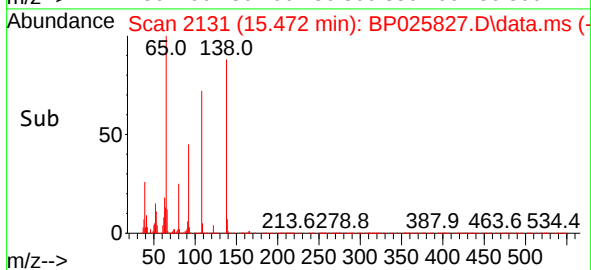
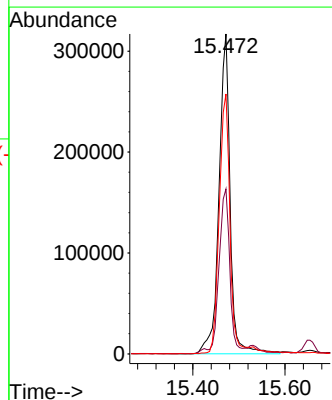
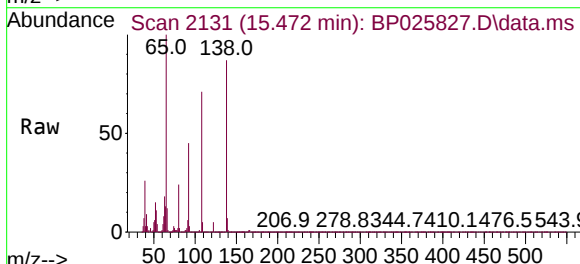
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

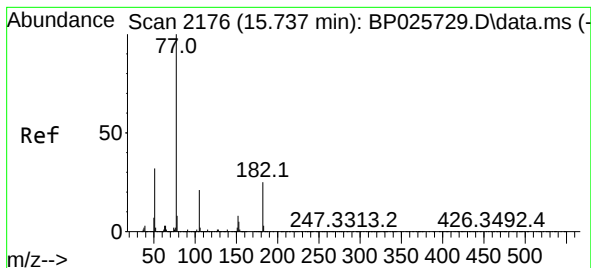
Tgt Ion:204 Resp: 971774
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 60.5 49.7 74.5



#62
4-Nitroaniline
Concen: 44.794 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:138 Resp: 533790
Ion Ratio Lower Upper
138 100
92 51.5 33.3 73.3
108 81.3 66.7 106.7





#63

Azobenzene

Concen: 40.115 ng

RT: 15.731 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

Tgt Ion: 77 Resp: 2054185

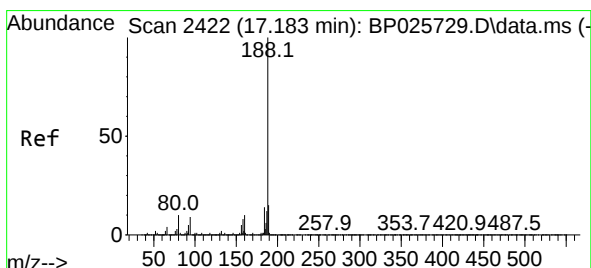
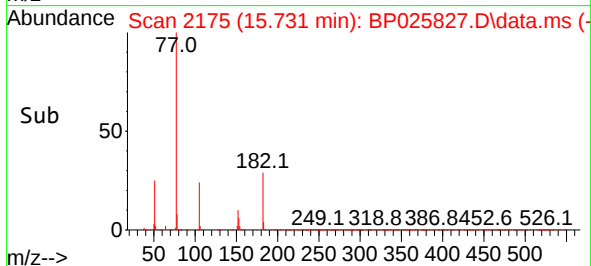
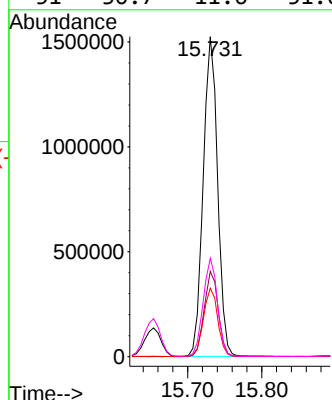
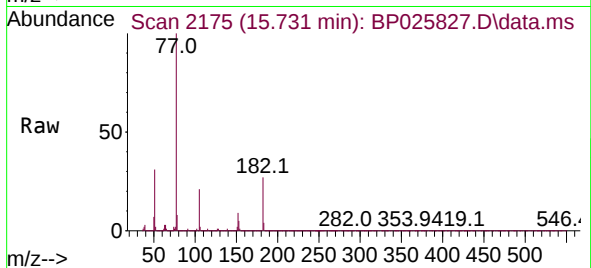
Ion Ratio Lower Upper

77 100

182 26.6 5.2 45.2

105 21.4 1.1 41.1

51 30.7 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

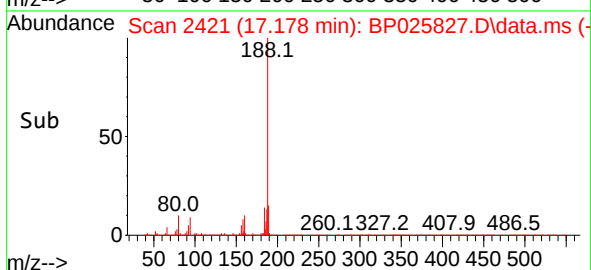
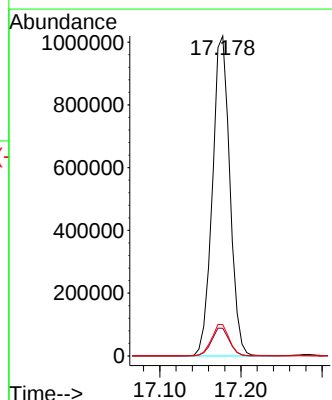
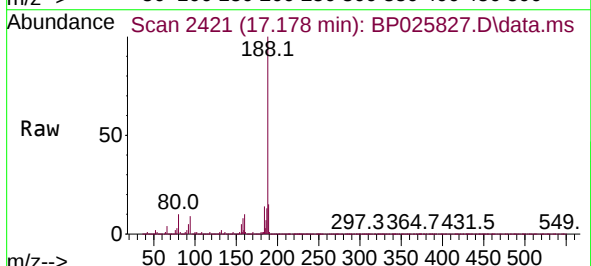
Tgt Ion:188 Resp: 1519181

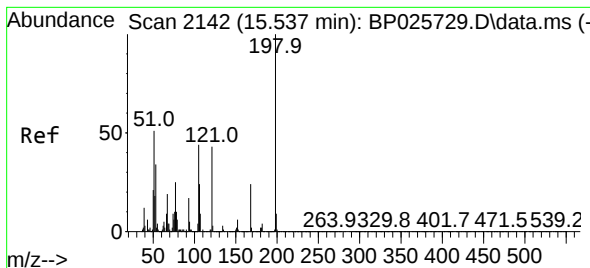
Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

80 9.8 7.7 11.5

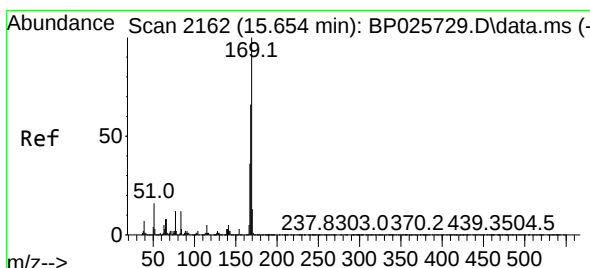
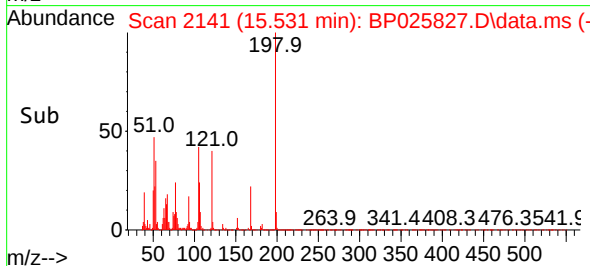
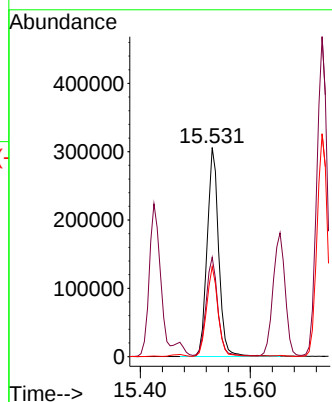
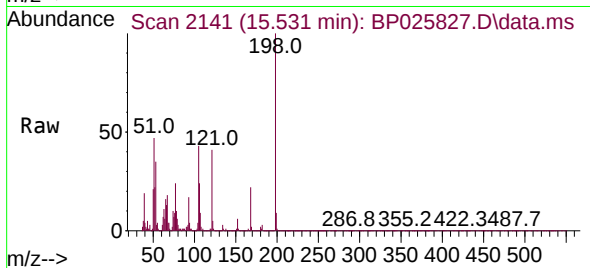




#65
4,6-Dinitro-2-methylphenol
Concen: 44.128 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

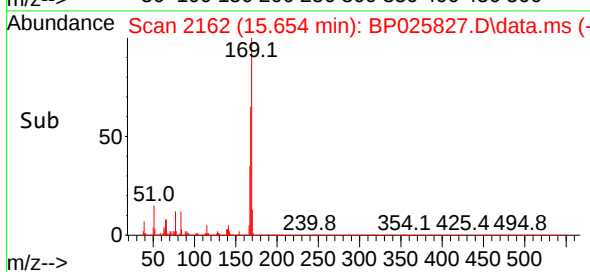
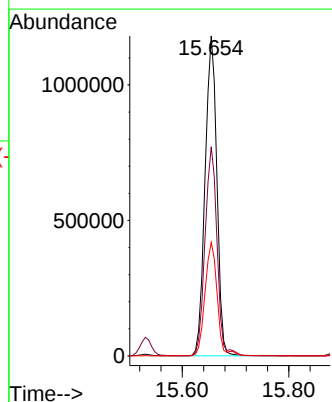
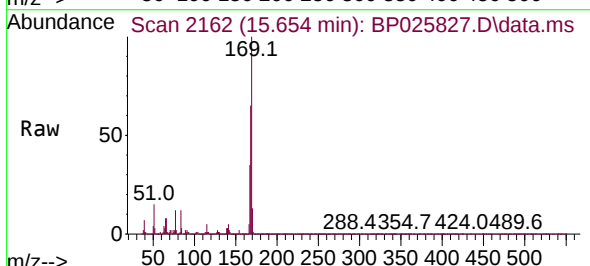
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

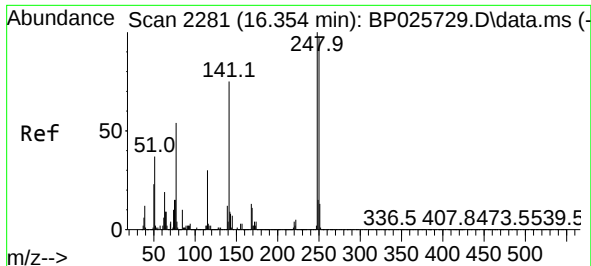
Tgt Ion:198 Resp: 445828
Ion Ratio Lower Upper
198 100
51 47.5 33.4 73.4
105 43.1 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 38.875 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:169 Resp: 1807311
Ion Ratio Lower Upper
169 100
168 65.4 52.6 78.8
167 35.5 28.5 42.7

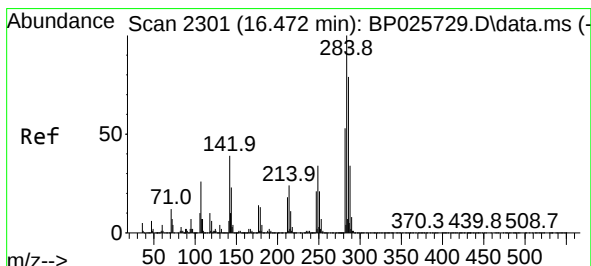
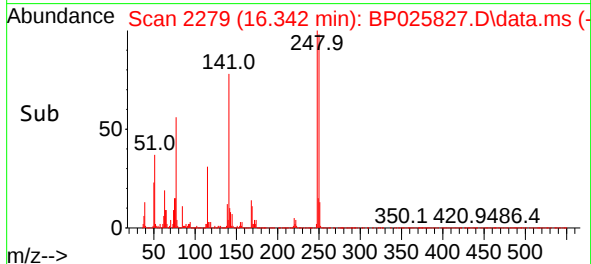
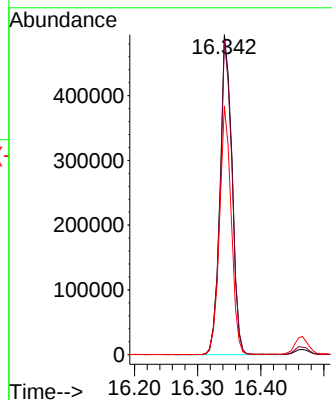
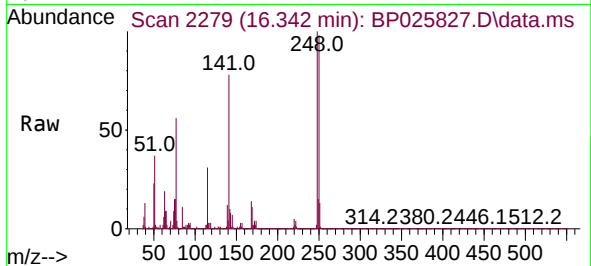




#67
4-Bromophenyl-phenylether
Concen: 39.119 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

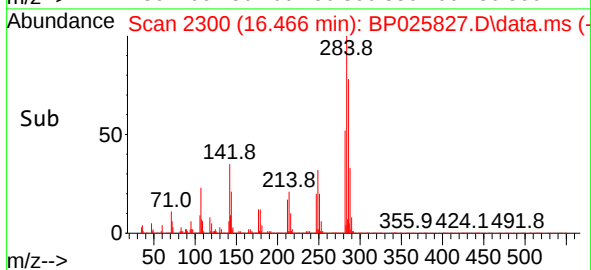
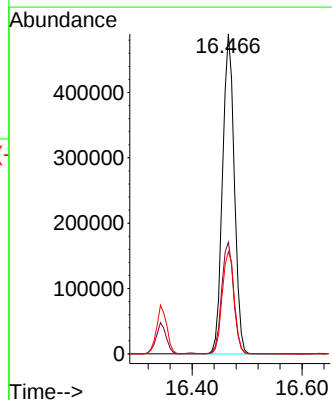
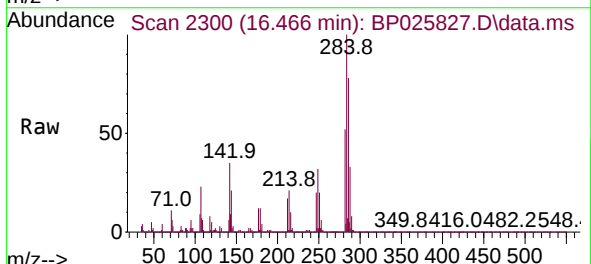
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

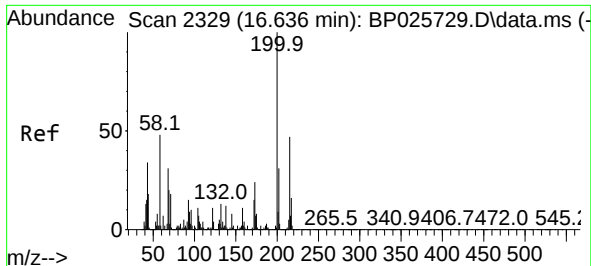
Tgt Ion:248 Resp: 652882
Ion Ratio Lower Upper
248 100
250 98.3 77.5 116.3
141 77.7 60.2 90.4



#68
Hexachlorobenzene
Concen: 39.001 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:284 Resp: 725868
Ion Ratio Lower Upper
284 100
142 34.9 31.3 46.9
249 31.9 27.3 40.9

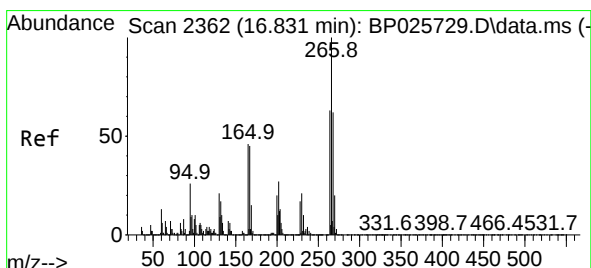
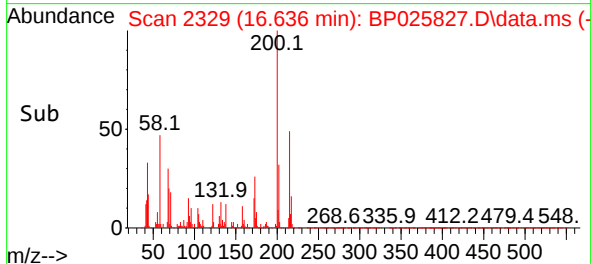
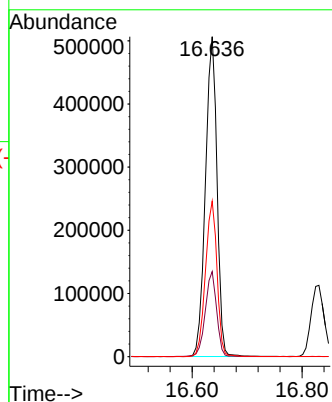
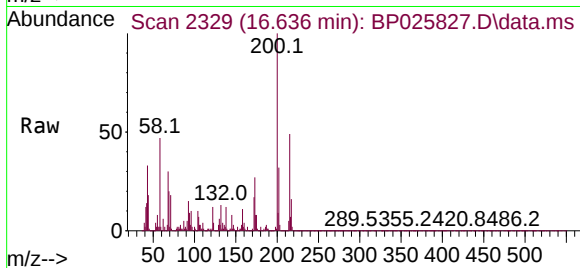




#69
 Atrazine
 Concen: 41.572 ng
 RT: 16.636 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BP025827.D
 Acq: 23 Sep 2025 13:07

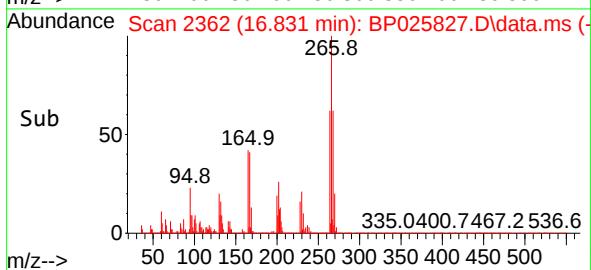
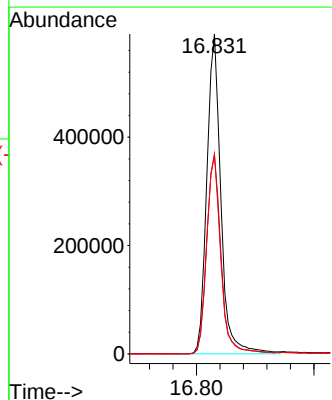
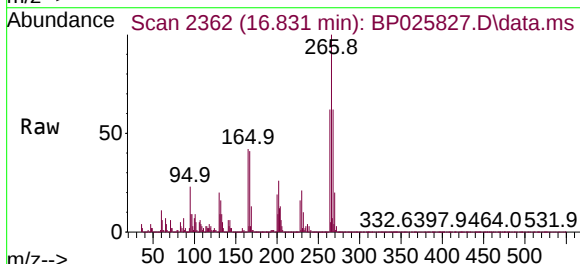
Instrument :
 BNA_P
 ClientSampleId :
 PB169765BSD

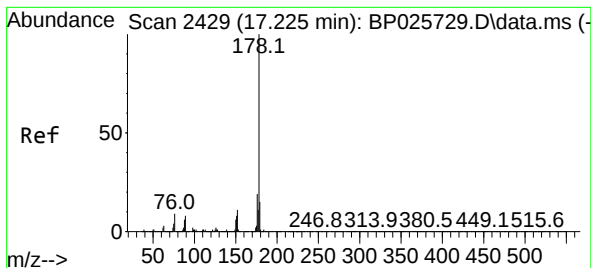
Tgt Ion:200 Resp: 738779
 Ion Ratio Lower Upper
 200 100
 173 26.6 4.2 44.2
 215 48.6 27.3 67.3



#70
 Pentachlorophenol
 Concen: 79.806 ng
 RT: 16.831 min Scan# 2362
 Delta R.T. -0.000 min
 Lab File: BP025827.D
 Acq: 23 Sep 2025 13:07

Tgt Ion:266 Resp: 980311
 Ion Ratio Lower Upper
 266 100
 268 62.1 49.8 74.8
 264 62.5 50.2 75.2





#71

Phenanthrene

Concen: 37.979 ng

RT: 17.219 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

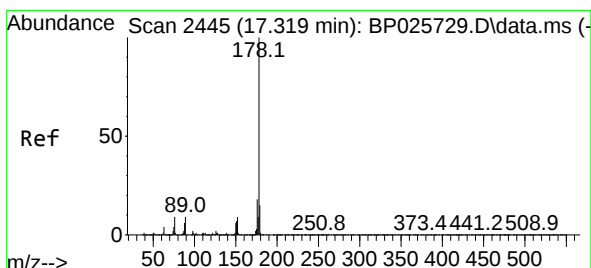
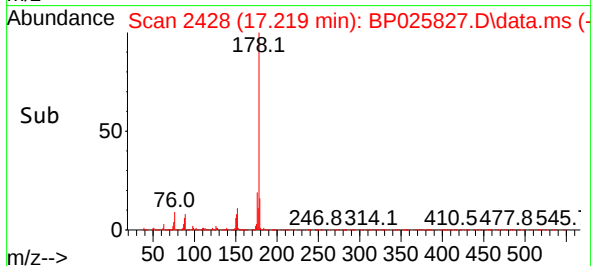
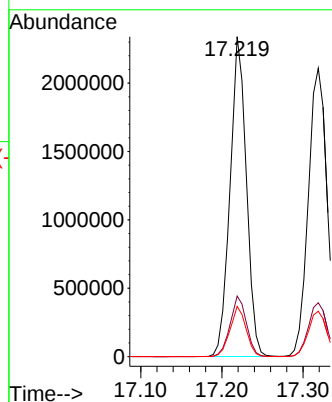
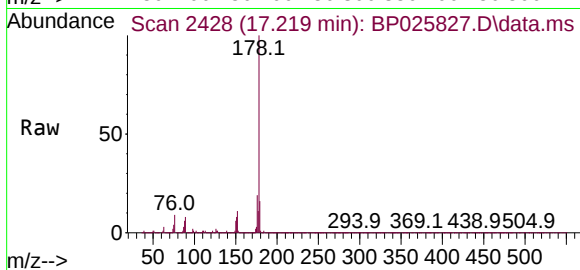
Tgt Ion:178 Resp: 3272919

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.7 12.2 18.4



#72

Anthracene

Concen: 38.203 ng

RT: 17.319 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

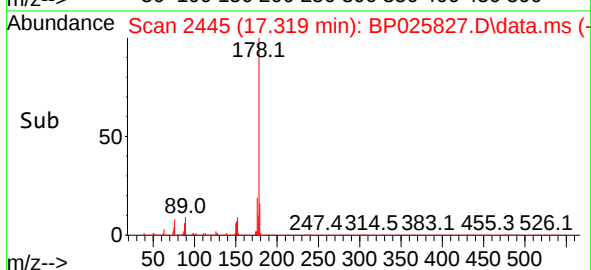
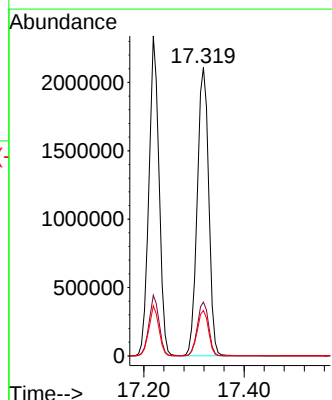
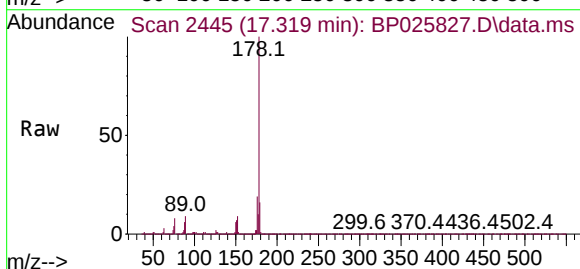
Tgt Ion:178 Resp: 3340413

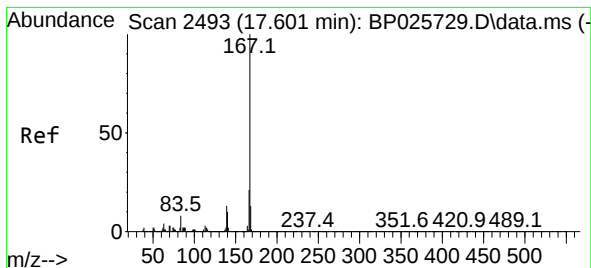
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.8 12.2 18.4





#73

Carbazole

Concen: 40.179 ng

RT: 17.601 min Scan# 2493

Delta R.T. -0.000 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

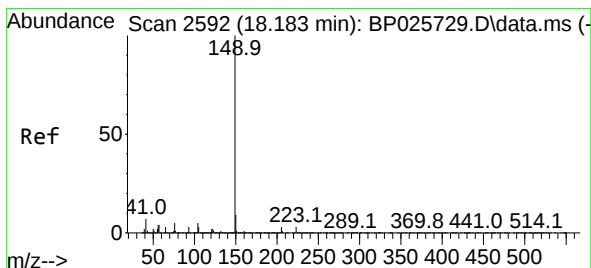
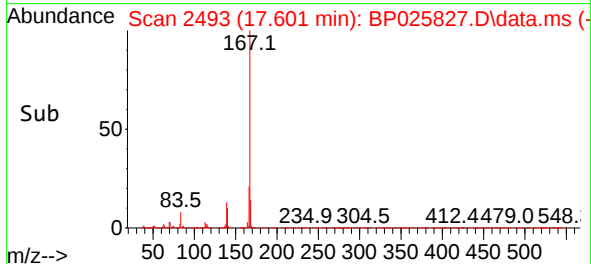
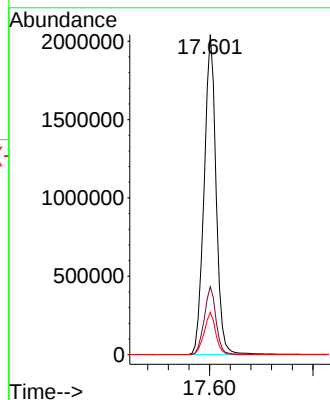
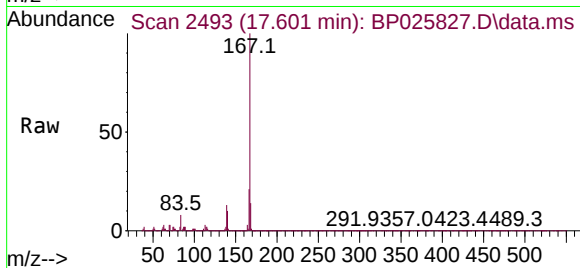
Tgt Ion:167 Resp: 3266206

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.441 ng

RT: 18.178 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

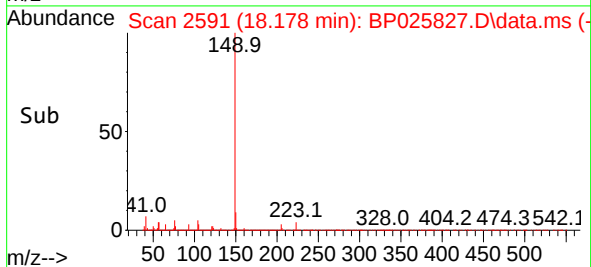
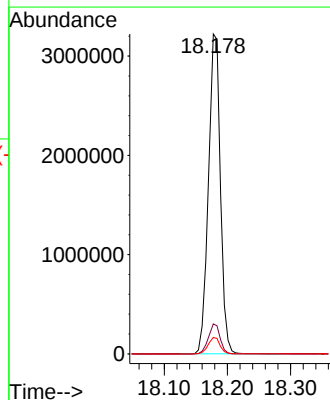
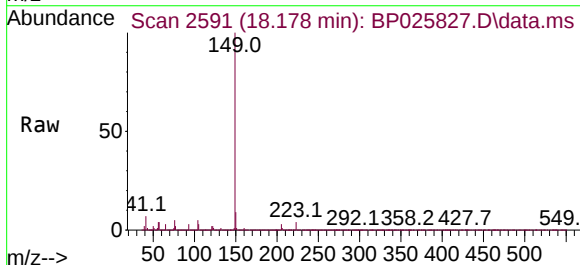
Tgt Ion:149 Resp: 4233872

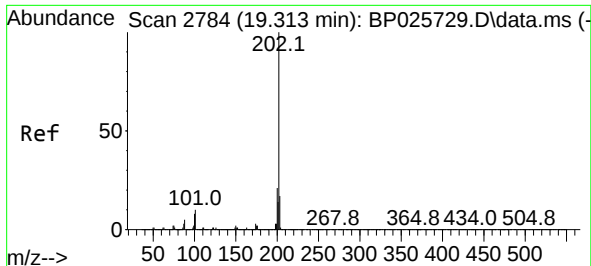
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.1 4.3 6.5

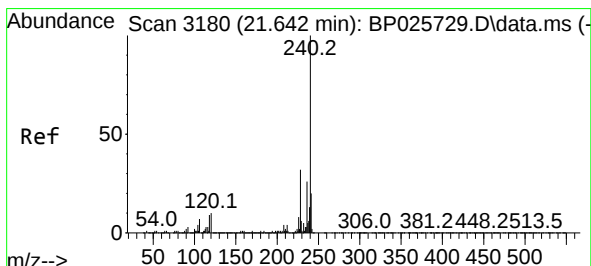
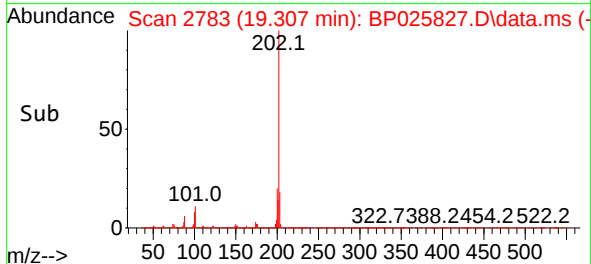
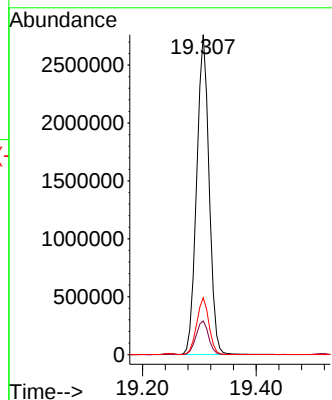
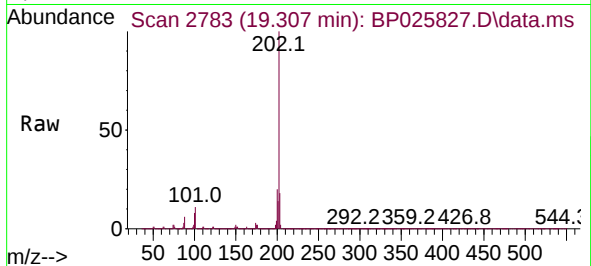




#75
Fluoranthene
Concen: 40.287 ng
RT: 19.307 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

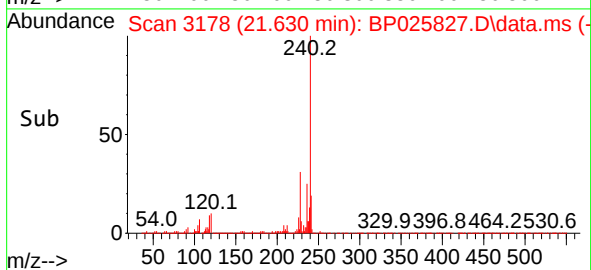
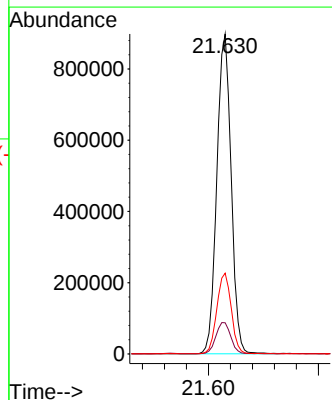
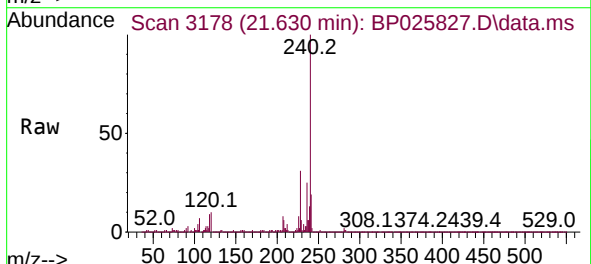
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

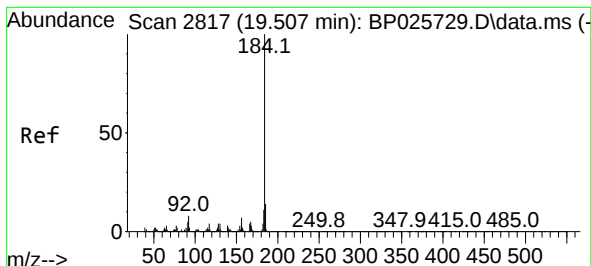
Tgt Ion:202 Resp: 4163852
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.4
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:240 Resp: 1621148
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.2 20.7 31.1





#77

Benzidine

Concen: 36.367 ng

RT: 19.513 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

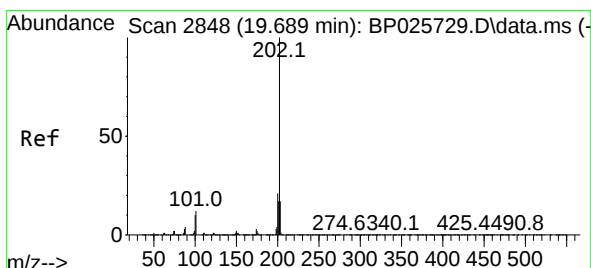
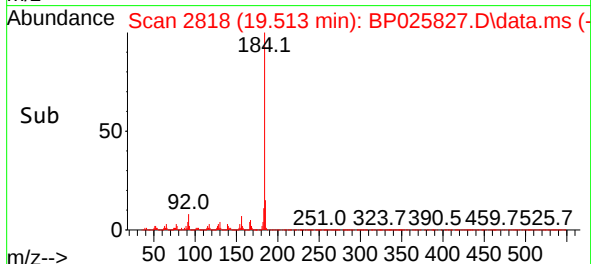
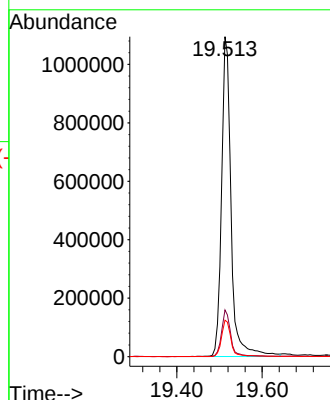
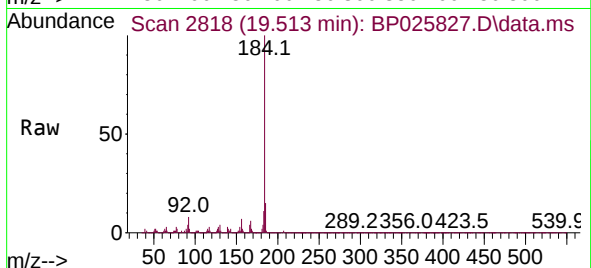
Tgt Ion:184 Resp: 1698268

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 11.4 9.2 13.8



#78

Pyrene

Concen: 40.051 ng

RT: 19.683 min Scan# 2847

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

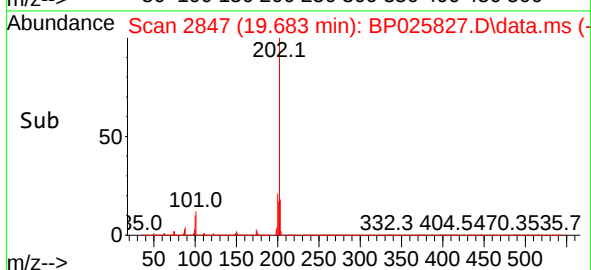
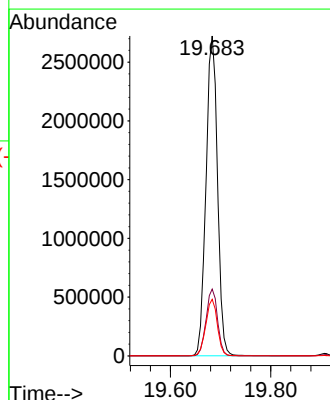
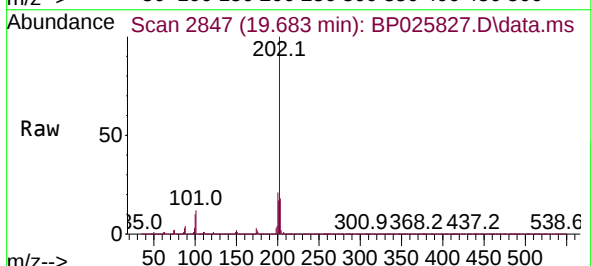
Tgt Ion:202 Resp: 4332408

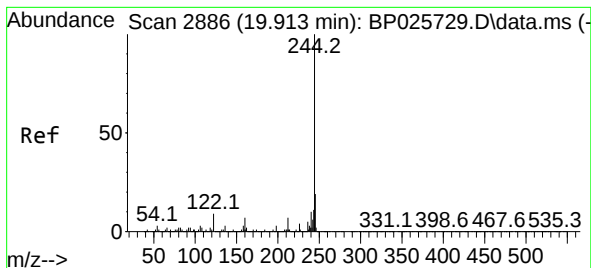
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 70.497 ng

RT: 19.907 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

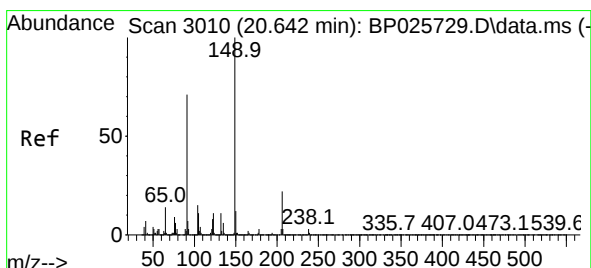
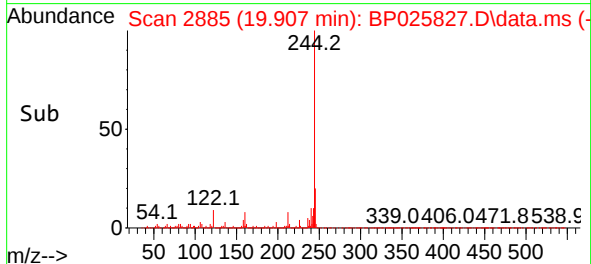
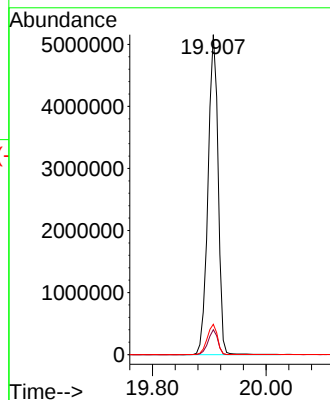
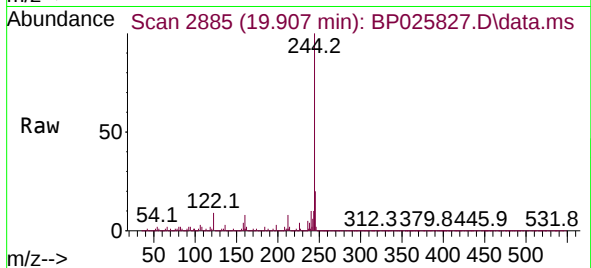
Tgt Ion:244 Resp: 6352770

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 9.5 7.1 10.7



#80

Butylbenzylphthalate

Concen: 44.339 ng

RT: 20.636 min Scan# 3009

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

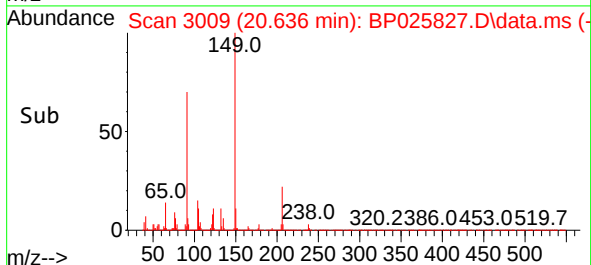
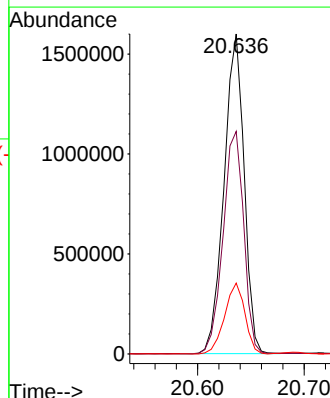
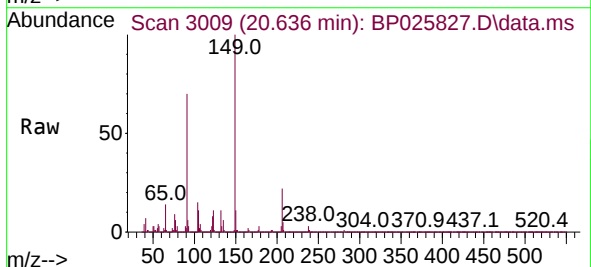
Tgt Ion:149 Resp: 2102972

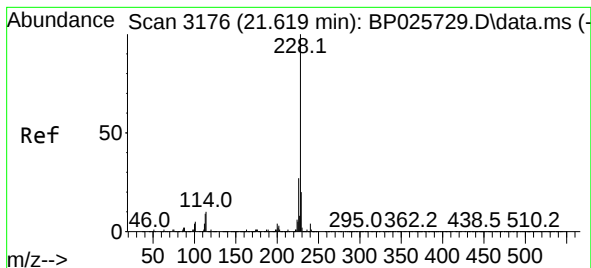
Ion Ratio Lower Upper

149 100

91 69.5 56.6 85.0

206 22.1 17.4 26.0





#81

Benzo(a)anthracene

Concen: 39.789 ng

RT: 21.607 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

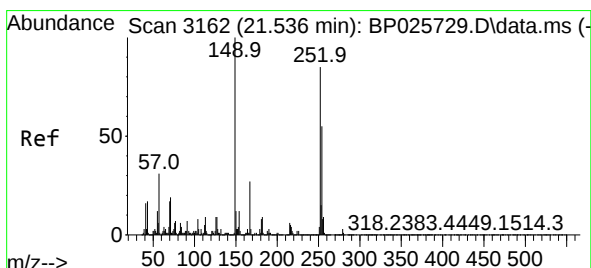
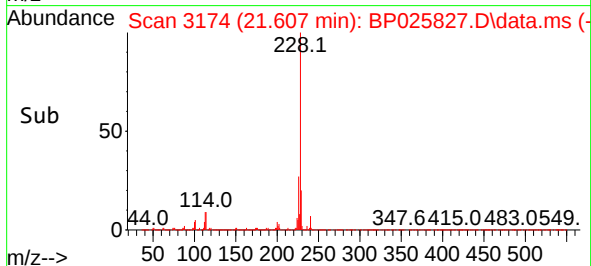
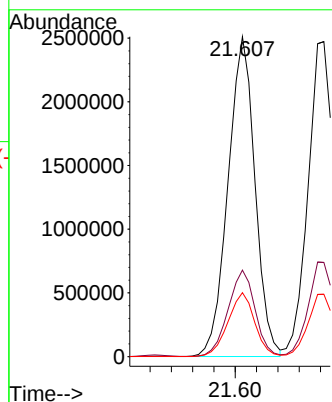
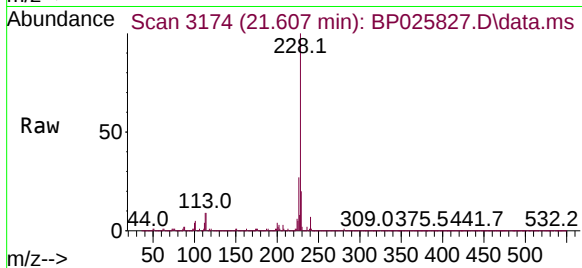
Tgt Ion:228 Resp: 4416041

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 31.553 ng

RT: 21.524 min Scan# 3160

Delta R.T. -0.012 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

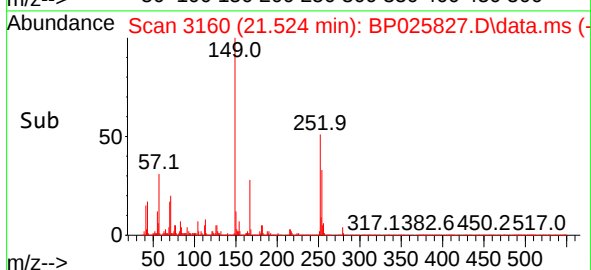
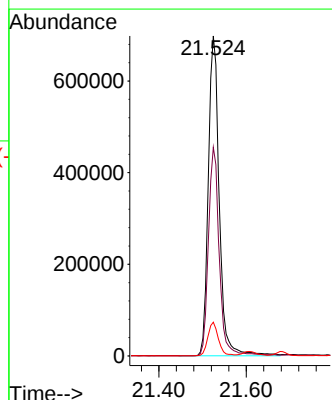
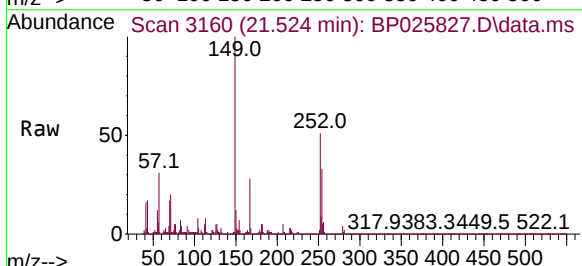
Tgt Ion:252 Resp: 1210888

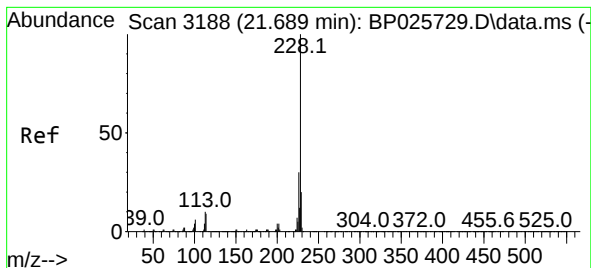
Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.0

126 10.5 8.3 12.5





#83

Chrysene

Concen: 39.407 ng

RT: 21.683 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

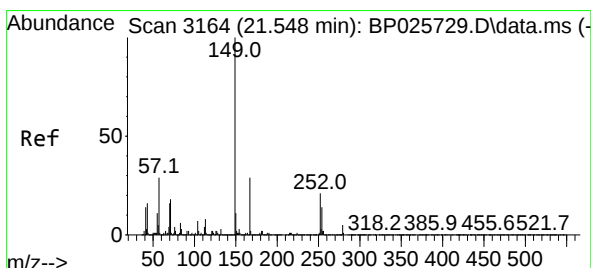
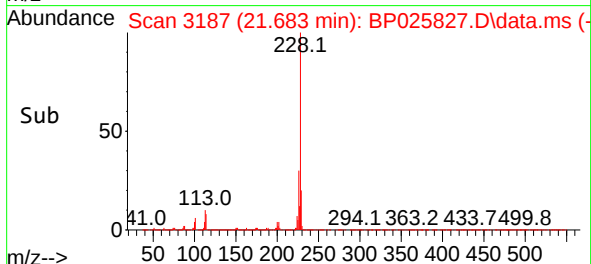
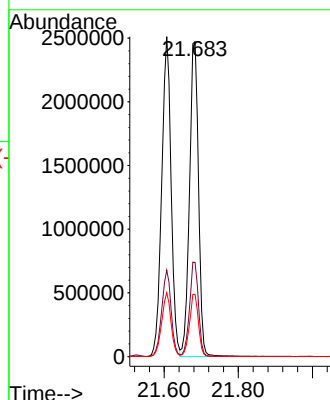
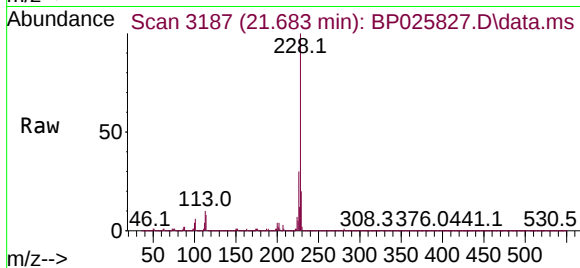
Tgt Ion:228 Resp: 4169154

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.345 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.018 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

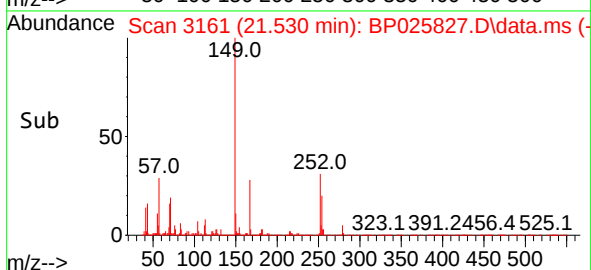
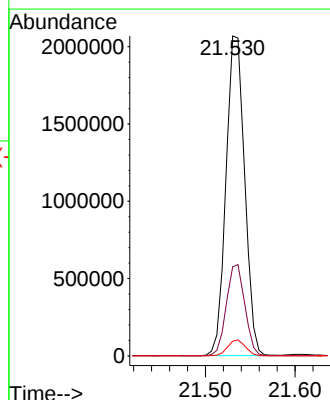
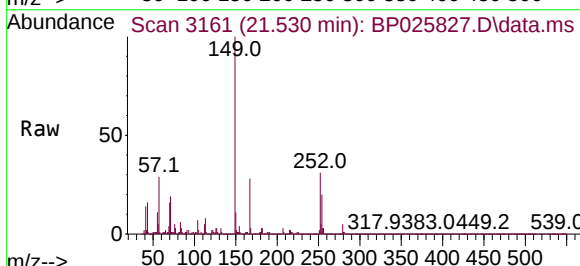
Tgt Ion:149 Resp: 3007715

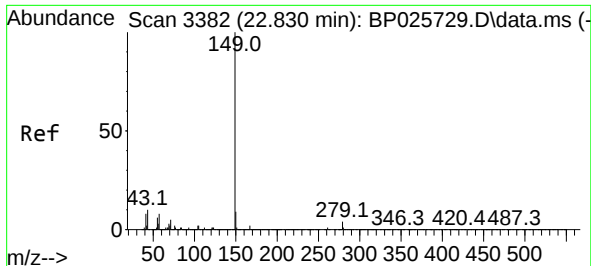
Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

279 4.6 3.8 5.8

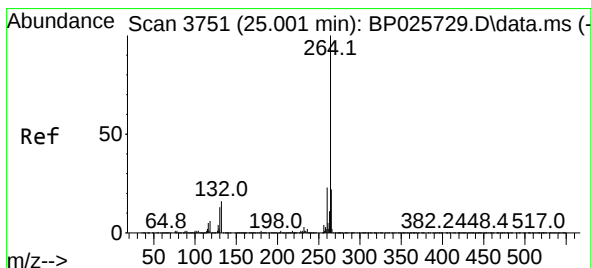
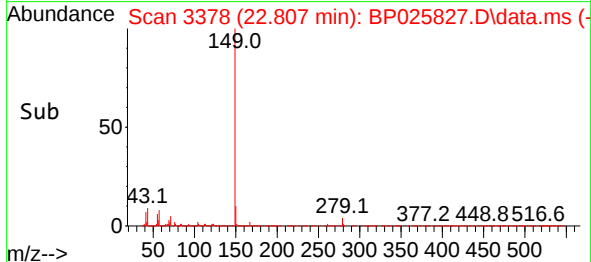
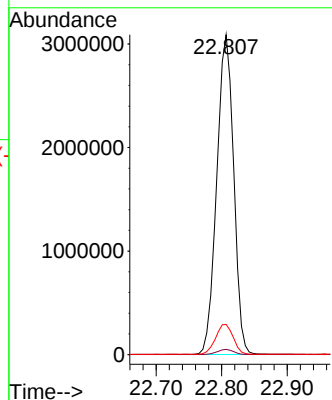
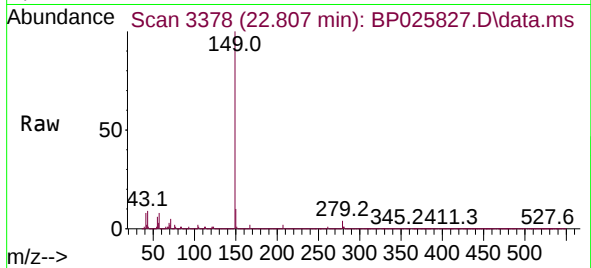




#85
Di-n-octyl phthalate
Concen: 44.997 ng
RT: 22.807 min Scan# 3382
Delta R.T. -0.024 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

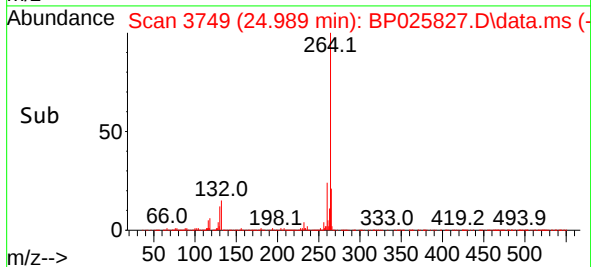
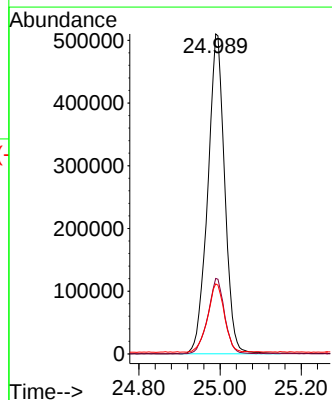
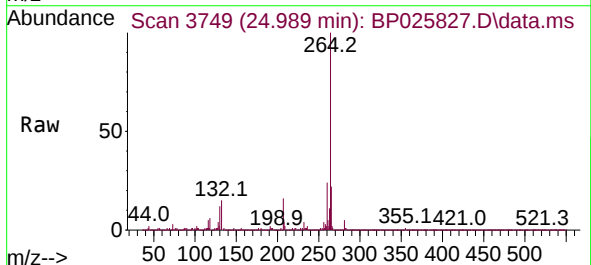
Instrument :
BNA_P
ClientSampleId :
PB169765BSD

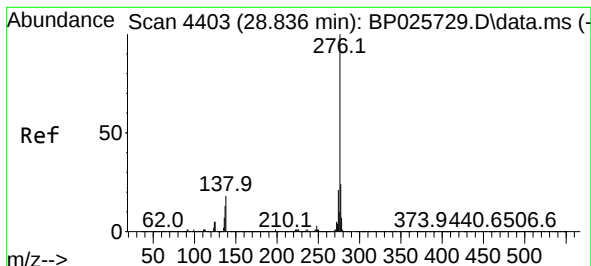
Tgt Ion:149 Resp: 5554046
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025827.D
Acq: 23 Sep 2025 13:07

Tgt Ion:264 Resp: 1481516
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.339 ng

RT: 28.818 min Scan# 44

Delta R.T. -0.018 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

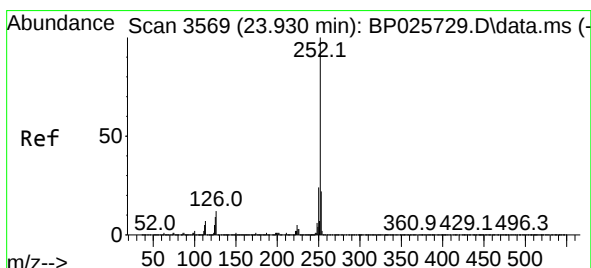
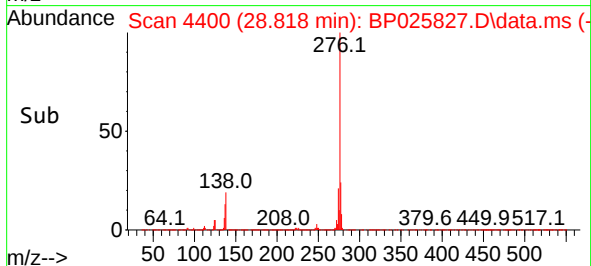
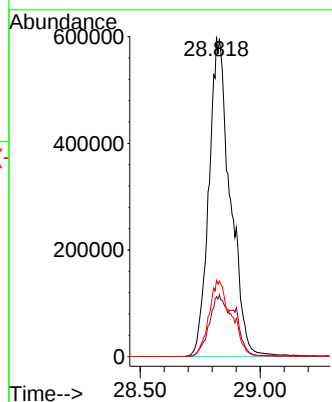
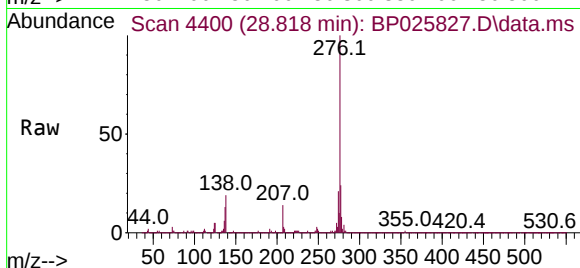
Tgt Ion:276 Resp: 3699649

Ion Ratio Lower Upper

276 100

138 15.0 13.4 20.2

277 25.0 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 45.324 ng

RT: 23.918 min Scan# 3567

Delta R.T. -0.012 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

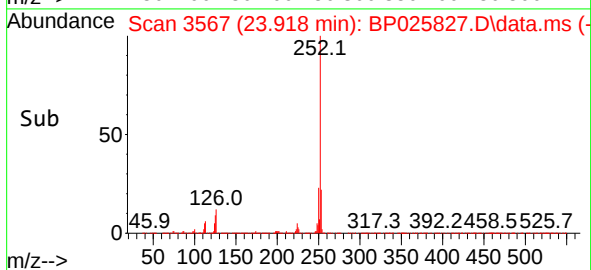
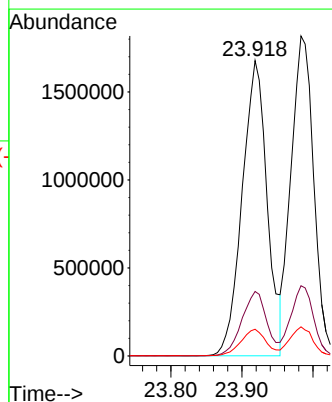
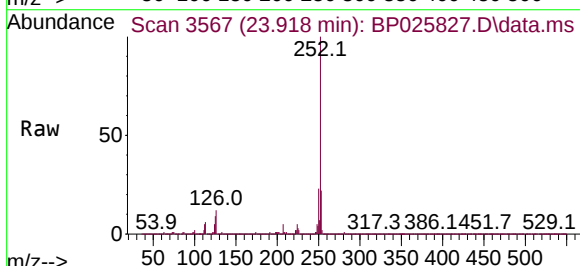
Tgt Ion:252 Resp: 4106292

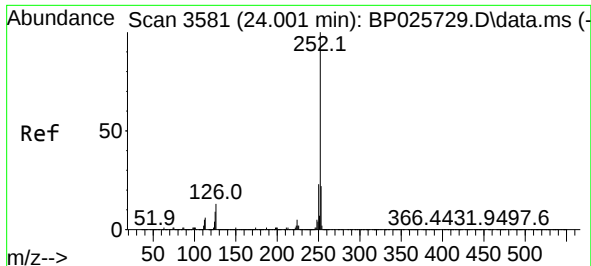
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 9.0 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 43.889 ng

RT: 23.983 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

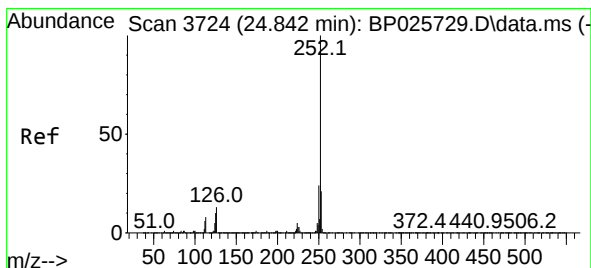
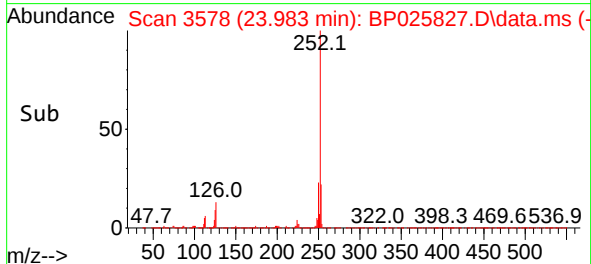
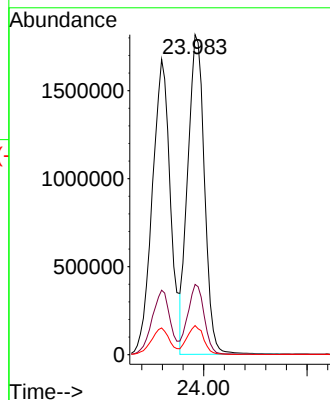
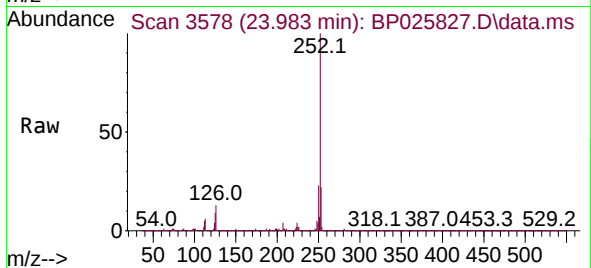
Tgt Ion:252 Resp: 4057480

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 41.193 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.012 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

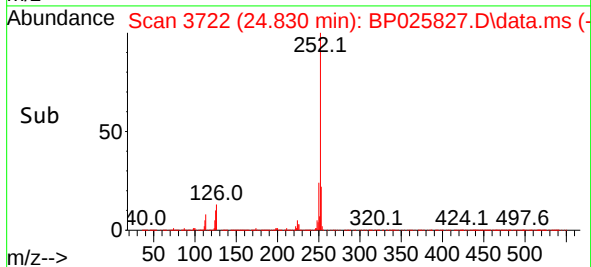
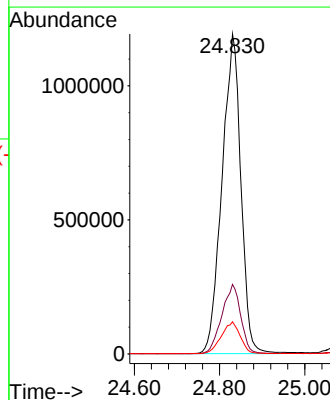
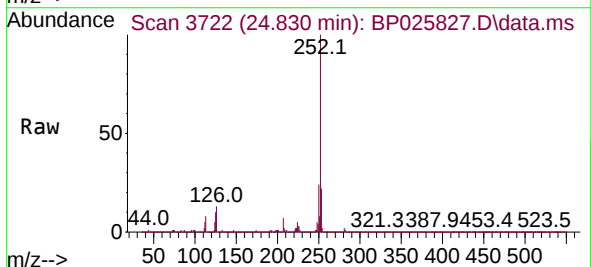
Tgt Ion:252 Resp: 3654759

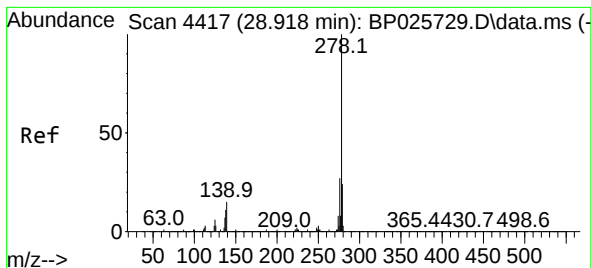
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 35.158 ng

RT: 28.901 min Scan# 4417

Delta R.T. -0.018 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Instrument :

BNA_P

ClientSampleId :

PB169765BSD

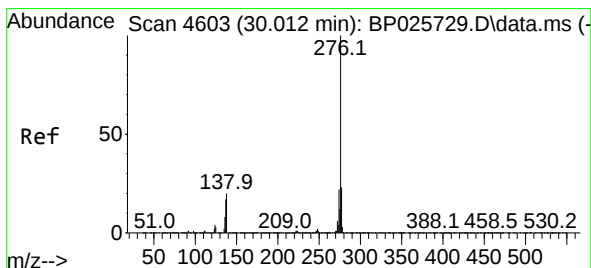
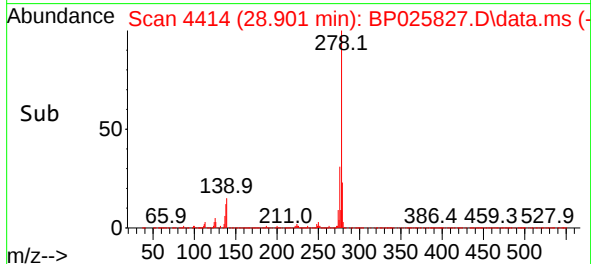
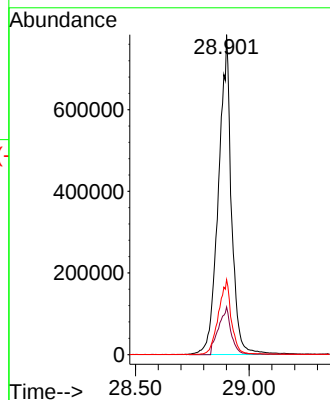
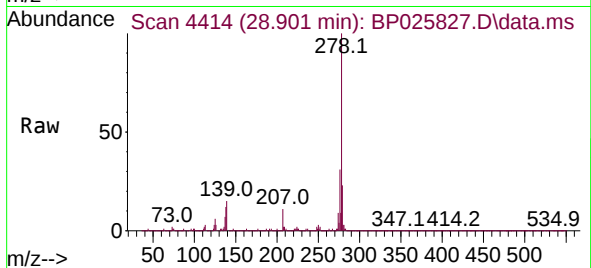
Tgt Ion:278 Resp: 3099731

Ion Ratio Lower Upper

278 100

139 14.9 12.1 18.1

279 23.4 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 32.841 ng

RT: 29.995 min Scan# 4600

Delta R.T. -0.018 min

Lab File: BP025827.D

Acq: 23 Sep 2025 13:07

Tgt Ion:276 Resp: 2847501

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.9 16.0 24.0

