

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024873.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

Quant Time: Jun 09 12:32:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	251786	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1016039	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	628283	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1189376	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1268867	20.000	ng	0.00
86) Perylene-d12	24.724	264	1547954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2150315	142.554	ng	0.00
7) Phenol-d6	6.819	99	2717026	136.137	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661117	79.445	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1140597	131.309	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3633814	77.914	ng	0.00
79) Terphenyl-d14	19.777	244	5609281	79.230	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	239942	36.151	ng	97
3) Pyridine	3.567	79	632702	39.638	ng	99
4) n-Nitrosodimethylamine	3.478	42	294319	45.102	ng	100
6) Aniline	6.955	93	816918	32.074	ng	100
8) 2-Chlorophenol	7.190	128	832660	48.694	ng	98
9) Benzaldehyde	6.766	77	414614	36.042	ng	98
10) Phenol	6.843	94	1008585	49.021	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	726397	44.889	ng	97
12) 1,3-Dichlorobenzene	7.502	146	833695	43.703	ng	99
13) 1,4-Dichlorobenzene	7.649	146	840877	43.687	ng	99
14) 1,2-Dichlorobenzene	7.955	146	821435	43.460	ng	99
15) Benzyl Alcohol	7.860	79	691313	45.133	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	912010	43.060	ng	100
17) 2-Methylphenol	8.072	107	681305	47.420	ng	99
18) Hexachloroethane	8.666	117	317537	43.819	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	568500	41.901	ng	99
20) 3+4-Methylphenols	8.396	107	915040	46.681	ng	96
22) Acetophenone	8.431	105	1160850	45.221	ng	98
24) Nitrobenzene	8.802	77	859288	46.259	ng	100
25) Isophorone	9.325	82	1564267	43.167	ng	100
26) 2-Nitrophenol	9.507	139	433908	47.343	ng	100
27) 2,4-Dimethylphenol	9.578	122	754390	48.094	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	977653	45.227	ng	99
29) 2,4-Dichlorophenol	10.054	162	741425	49.263	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	756797	44.582	ng	100
31) Naphthalene	10.431	128	2358732	45.301	ng	99
32) Benzoic acid	9.766	122	501882	47.349	ng	99
33) 4-Chloroaniline	10.554	127	443141	20.314	ng	99
34) Hexachlorobutadiene	10.707	225	459112	44.873	ng	99
35) Caprolactam	11.349	113	252952	45.658	ng	92
36) 4-Chloro-3-methylphenol	11.696	107	820968	47.292	ng	100
37) 2-Methylnaphthalene	12.048	142	1487861	45.048	ng	99
38) 1-Methylnaphthalene	12.266	142	1560851	44.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	822077	46.112	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1097762	100.954	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	577250	48.214	ng	98

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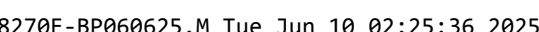
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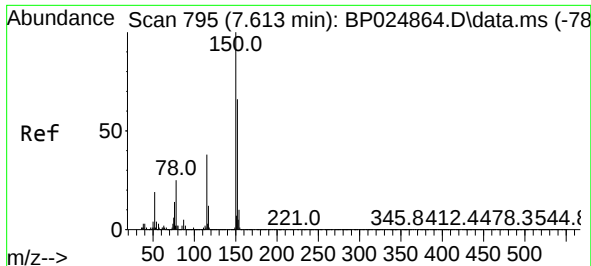
Quant Time: Jun 09 12:32:16 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	635990	49.602	ng	98
46) 1,1'-Biphenyl	13.066	154	2093200	45.844	ng	100
47) 2-Chloronaphthalene	13.107	162	1620819	46.187	ng	99
48) 2-Nitroaniline	13.331	65	521042	48.295	ng	99
49) Acenaphthylene	13.972	152	2661012	45.478	ng	100
50) Dimethylphthalate	13.707	163	2077480	44.824	ng	100
51) 2,6-Dinitrotoluene	13.837	165	461134	46.153	ng	100
52) Acenaphthene	14.313	154	1516438	45.227	ng	99
53) 3-Nitroaniline	14.178	138	268082	25.855	ng	92
54) 2,4-Dinitrophenol	14.390	184	594890	90.641	ng	98
55) Dibenzofuran	14.654	168	2381540	44.250	ng	97
56) 4-Nitrophenol	14.531	139	809101	91.350	ng	97
57) 2,4-Dinitrotoluene	14.637	165	656655	46.983	ng	97
58) Fluorene	15.319	166	1942620	44.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	537424	46.912	ng	100
60) Diethylphthalate	15.101	149	2045901	44.293	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	938236	44.135	ng	99
62) 4-Nitroaniline	15.360	138	424134	45.113	ng	98
63) Azobenzene	15.607	77	1915956	45.227	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	378653	48.450	ng	94
66) n-Nitrosodiphenylamine	15.542	169	1726506	46.833	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	614107	45.760	ng	98
68) Hexachlorobenzene	16.342	284	742281	45.626	ng	100
69) Atrazine	16.525	200	624545	46.732	ng	99
70) Pentachlorophenol	16.713	266	905521	107.544	ng	99
71) Phenanthrene	17.107	178	3008256	45.769	ng	99
72) Anthracene	17.195	178	3062015	46.000	ng	100
73) Carbazole	17.489	167	2922226	47.362	ng	99
74) Di-n-butylphthalate	18.072	149	3522628	46.080	ng	100
75) Fluoranthene	19.189	202	3495628	45.886	ng	100
77) Benzidine	19.389	184	1601949	40.763	ng	100
78) Pyrene	19.566	202	3666214	46.249	ng	100
80) Butylbenzylphthalate	20.513	149	1686399	46.444	ng	98
81) Benzo(a)anthracene	21.472	228	3780920	46.589	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	850267	26.391	ng	97
83) Chrysene	21.530	228	3570095	46.428	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2473280	47.541	ng	99
85) Di-n-octyl phthalate	22.642	149	4412263	48.117	ng	100
87) Indeno(1,2,3-cd)pyrene	28.389	276	5348458	47.356	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	4190360	47.301	ng	100
89) Benzo(k)fluoranthene	23.771	252	4281583	47.480	ng	100
90) Benzo(a)pyrene	24.577	252	4126678	47.699	ng	100
91) Dibenzo(a,h)anthracene	28.465	278	4377382	47.615	ng	99
92) Benzo(g,h,i)perylene	29.553	276	4343110	47.614	ng	99

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

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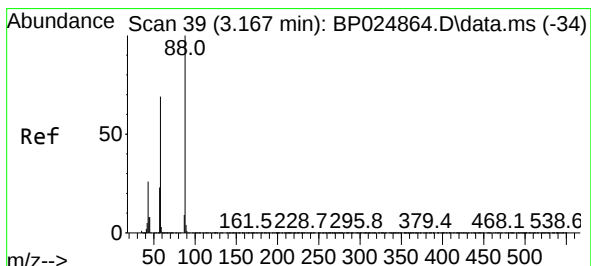
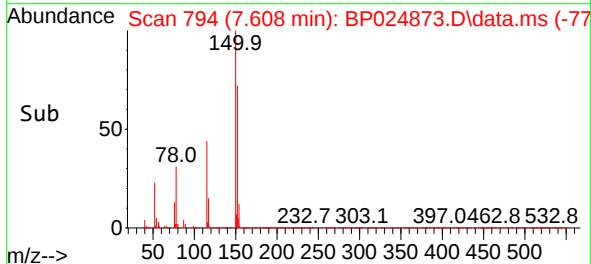
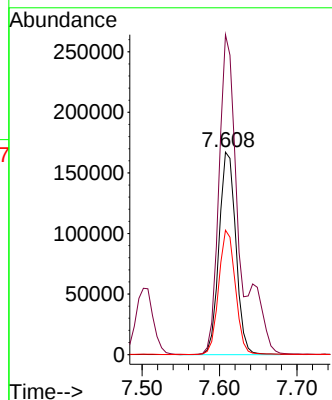
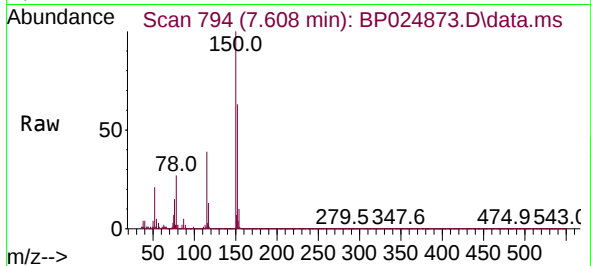




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

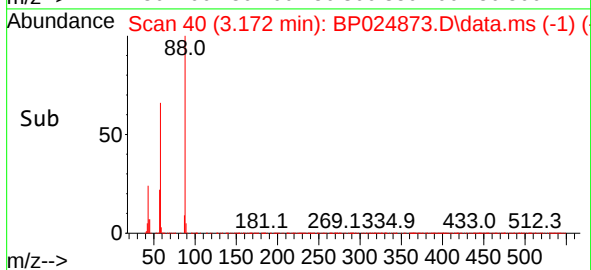
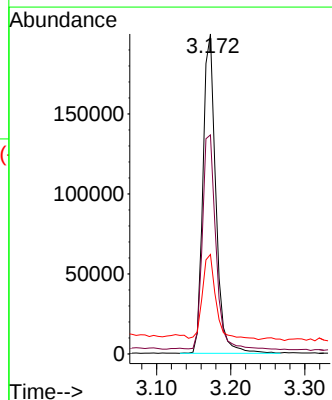
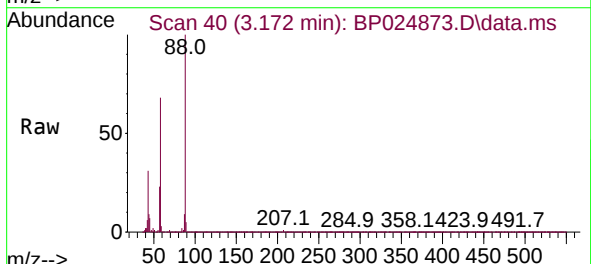
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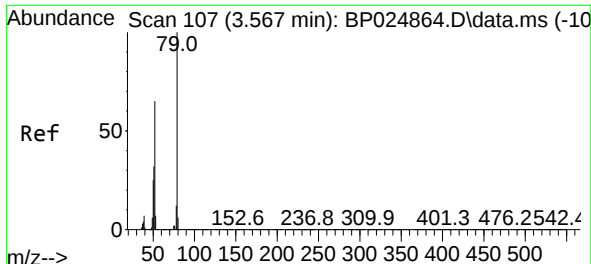
Tgt Ion:152 Resp: 251786
Ion Ratio Lower Upper
152 100
150 158.0 122.1 183.1
115 61.4 46.4 69.6



#2
1,4-Dioxane
Concen: 36.151 ng
RT: 3.172 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 88 Resp: 239942
Ion Ratio Lower Upper
88 100
58 71.0 55.4 83.0
43 28.5 20.8 31.2



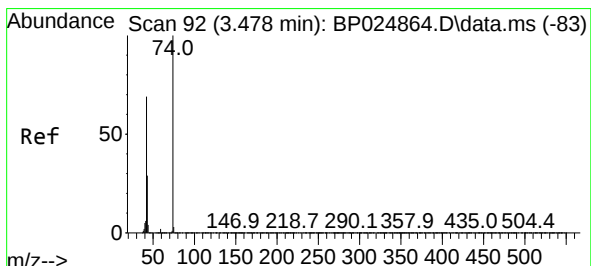
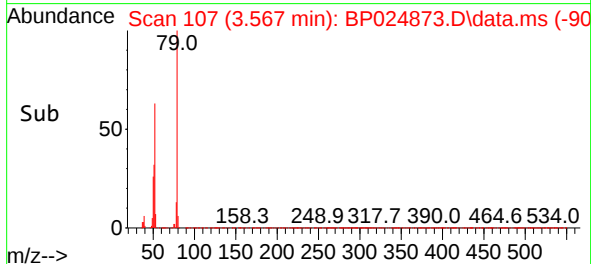
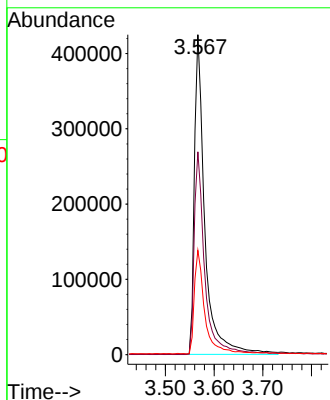
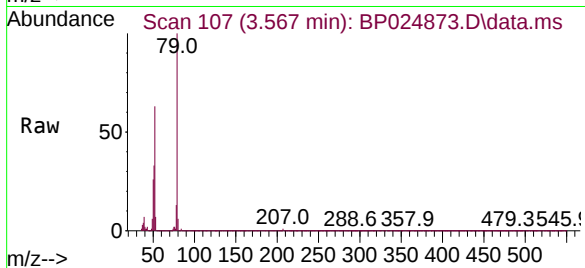


#3
 Pyridine
 Concen: 39.638 ng
 RT: 3.567 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

Tgt Ion: 79 Resp: 632702

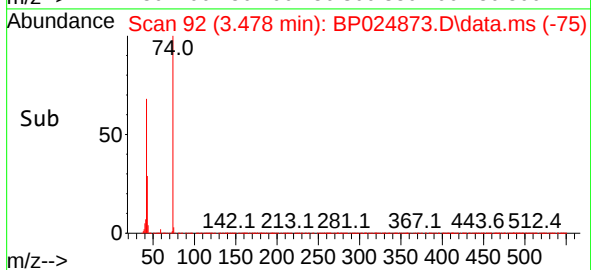
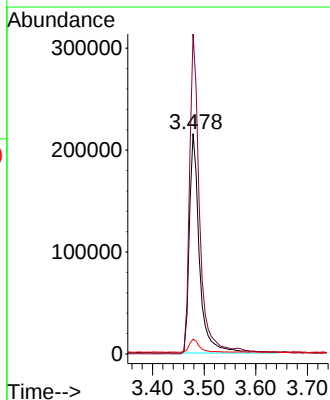
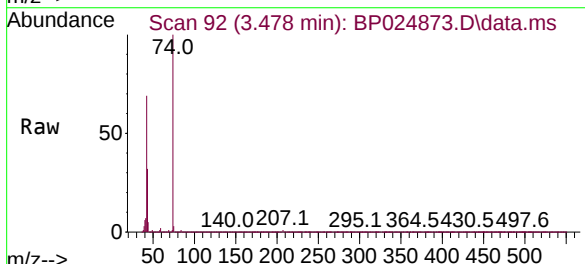
Ion	Ratio	Lower	Upper
79	100		
52	63.4	51.6	77.4
51	32.6	25.5	38.3

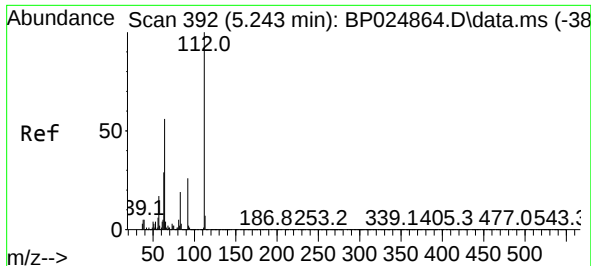


#4
 n-Nitrosodimethylamine
 Concen: 45.102 ng
 RT: 3.478 min Scan# 92
 Delta R.T. -0.000 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

Tgt Ion: 42 Resp: 294319

Ion	Ratio	Lower	Upper
42	100		
74	145.3	116.6	174.8
44	6.7	5.4	8.0

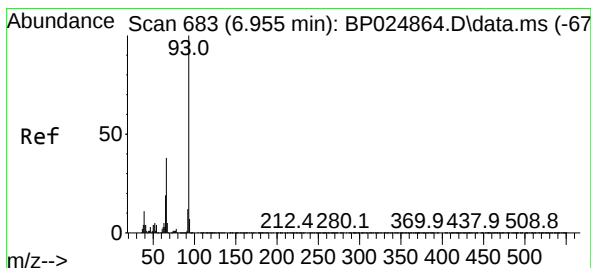
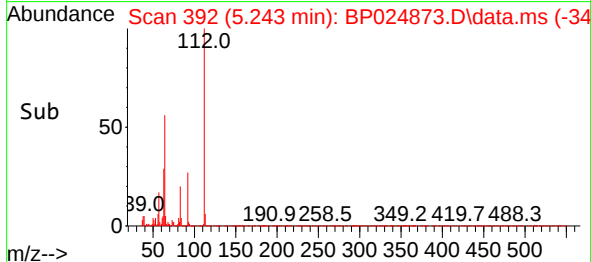
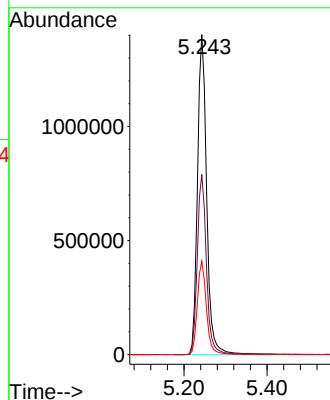
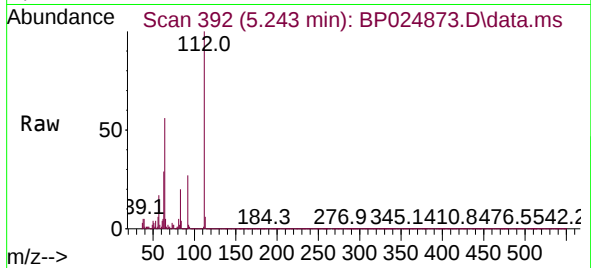




#5
2-Fluorophenol
Concen: 142.554 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

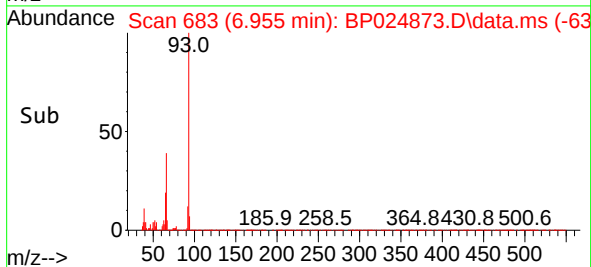
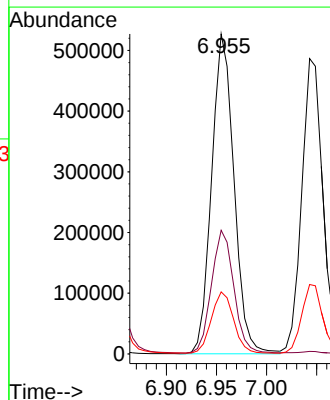
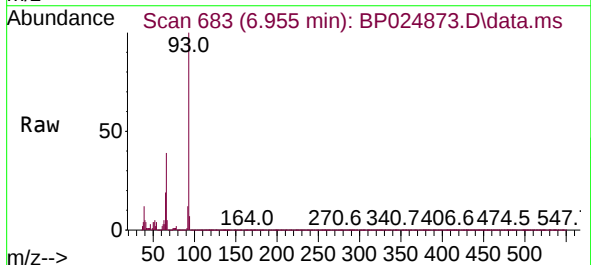
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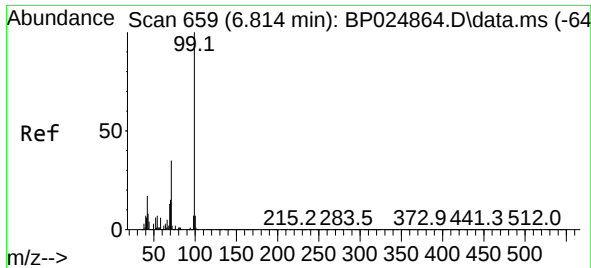
Tgt Ion:112 Resp: 2150315
Ion Ratio Lower Upper
112 100
64 56.3 44.7 67.1
63 29.2 23.5 35.3



#6
Aniline
Concen: 32.074 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 93 Resp: 816918
Ion Ratio Lower Upper
93 100
66 38.7 30.9 46.3
65 19.4 15.5 23.3



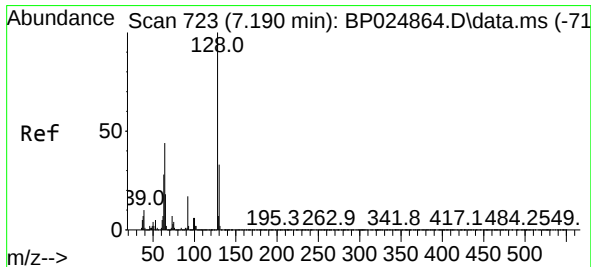
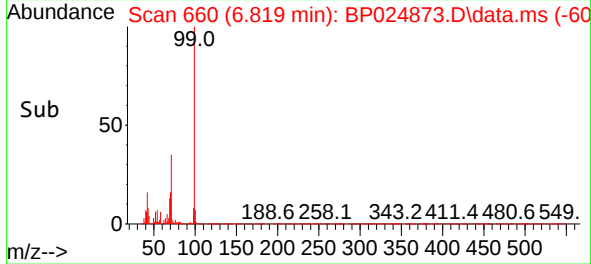
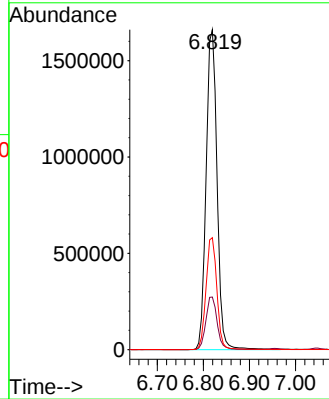
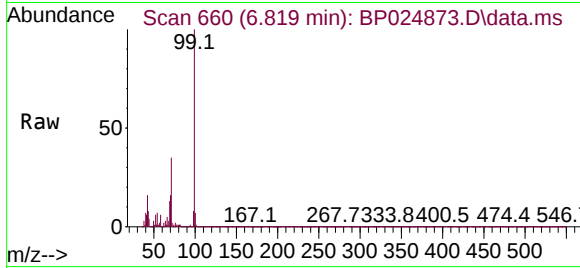


#7
Phenol-d6
Concen: 136.137 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024873.D
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ClientSampleId :
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Tgt Ion: 99 Resp: 2717026

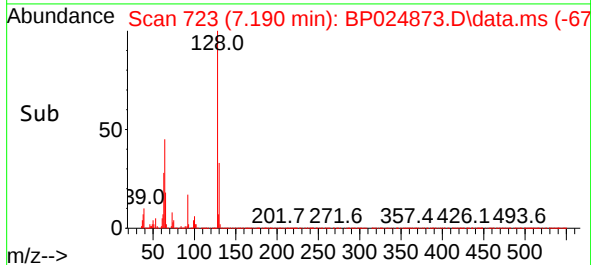
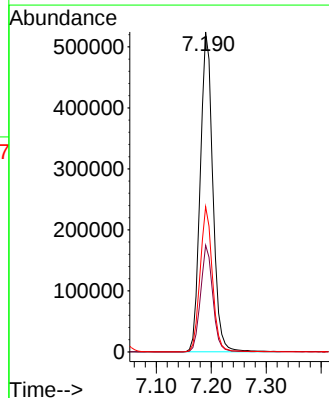
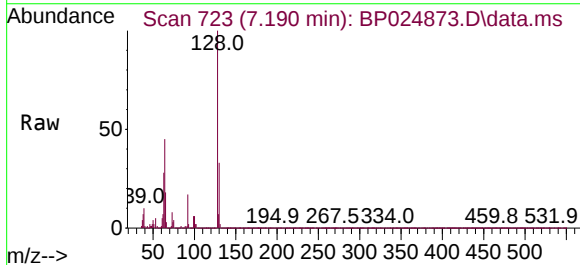
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	35.0	27.6	41.4

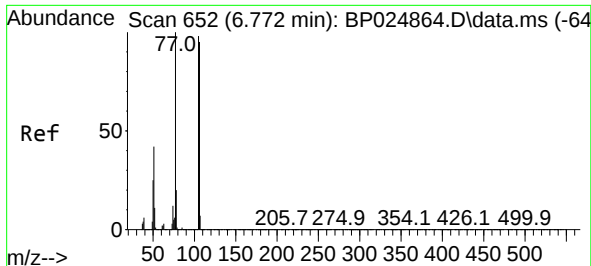


#8
2-Chlorophenol
Concen: 48.694 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 128 Resp: 832660

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.6	52.6
64	45.4	24.1	64.1

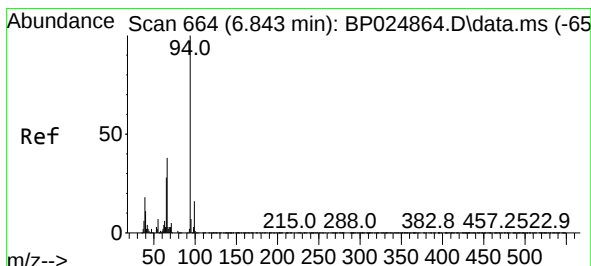
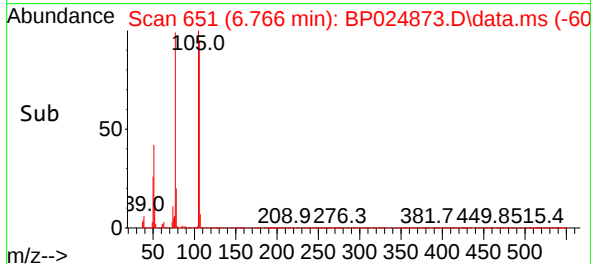
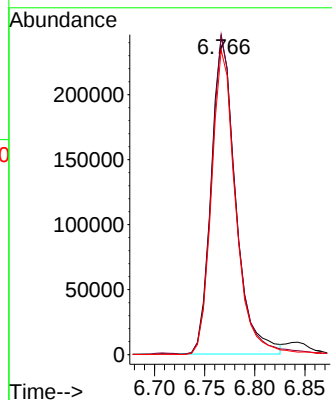
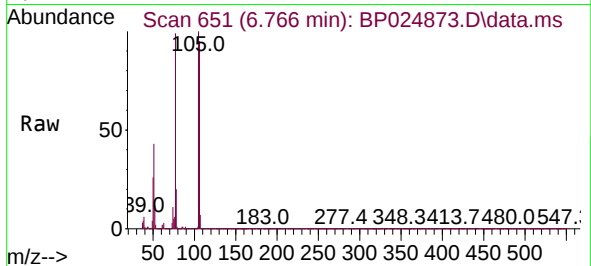




#9
Benzaldehyde
Concen: 36.042 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024873.D
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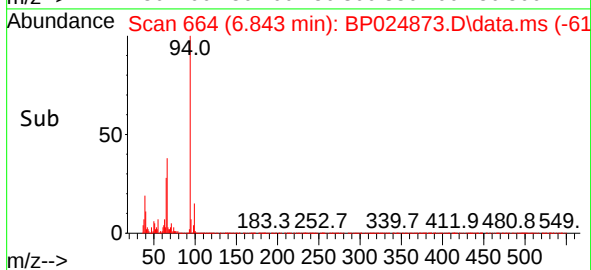
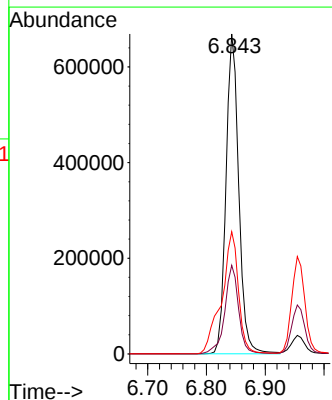
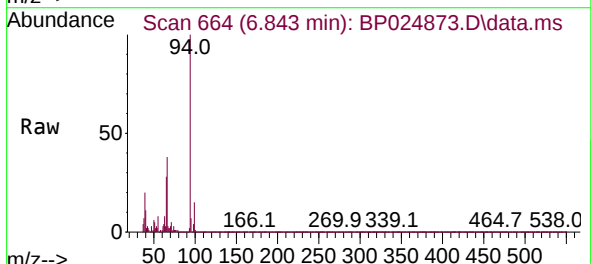
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ClientSampleId :
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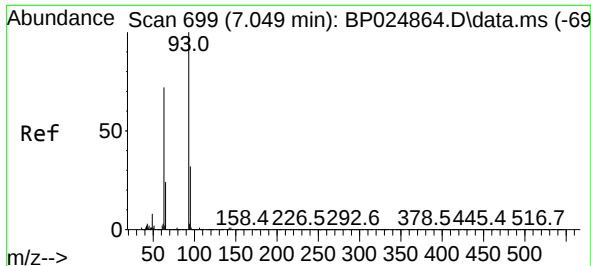
Tgt Ion: 77 Resp: 414614
Ion Ratio Lower Upper
77 100
105 100.6 77.7 117.7
106 95.7 74.8 114.8



#10
Phenol
Concen: 49.021 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 94 Resp: 1008585
Ion Ratio Lower Upper
94 100
65 27.7 8.3 48.3
66 38.2 18.2 58.2

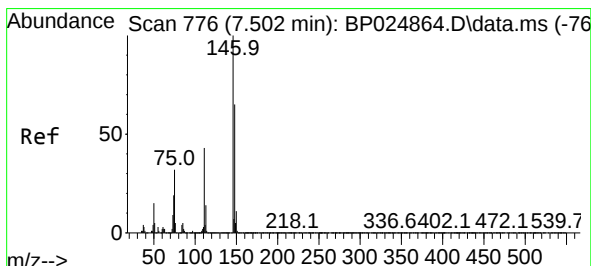
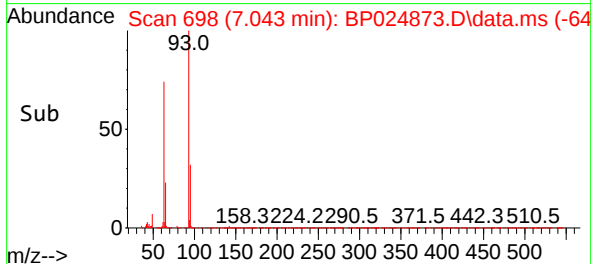
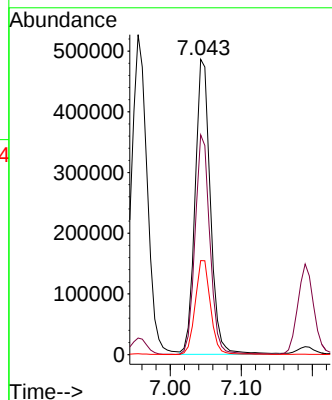
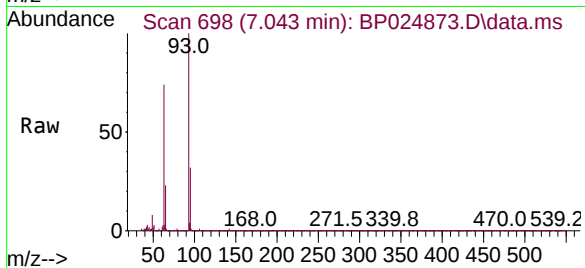




#11
bis(2-Chloroethyl)ether
Concen: 44.889 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

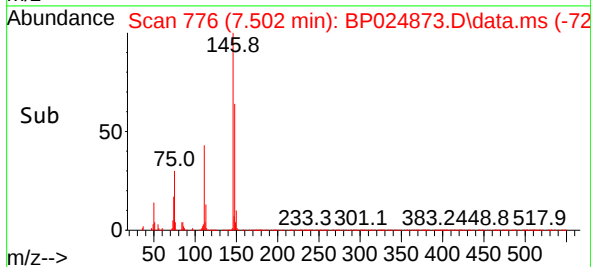
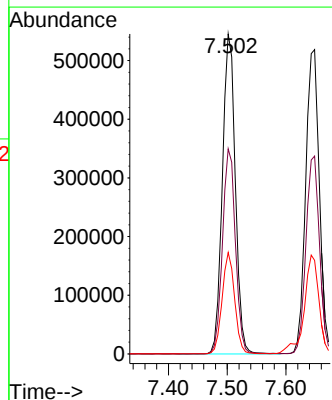
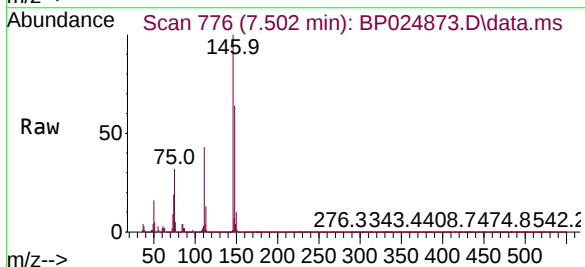
Instrument :
BNA_P
ClientSampleId :
PB168323BS

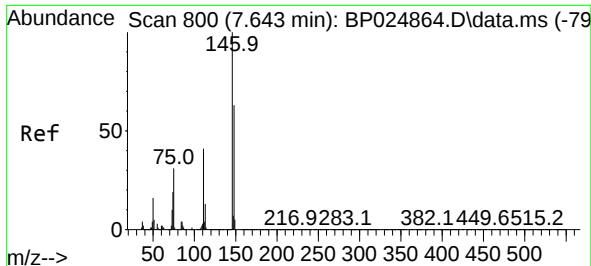
Tgt Ion: 93 Resp: 726397
Ion Ratio Lower Upper
93 100
63 74.4 51.6 91.6
95 31.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.703 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 146 Resp: 833695
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 31.7 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 43.687 ng

RT: 7.649 min Scan# 801

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

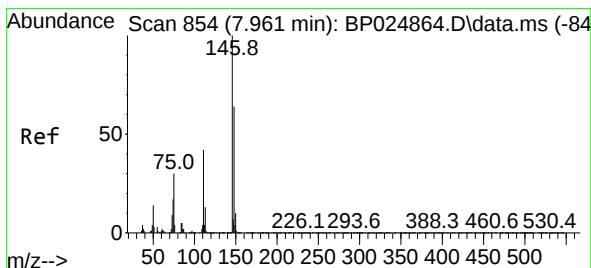
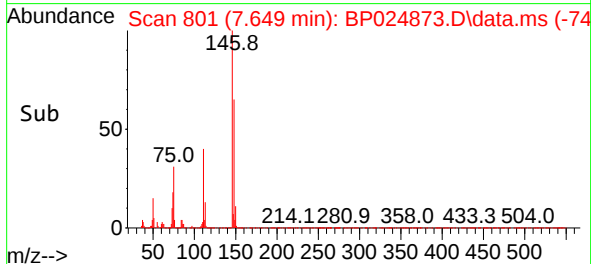
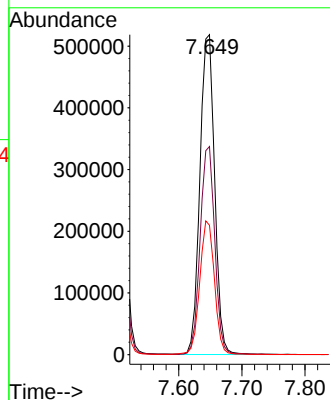
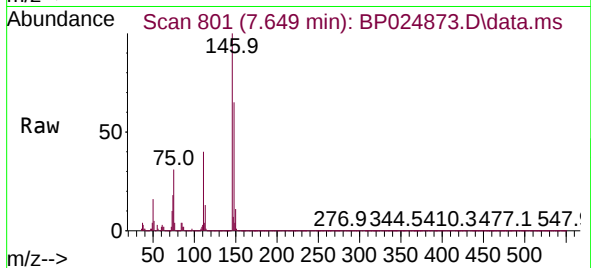
Tgt Ion:146 Resp: 840877

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.4 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 43.460 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

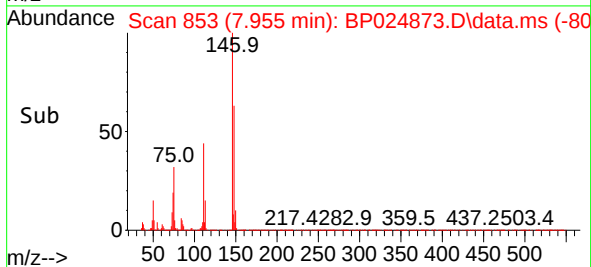
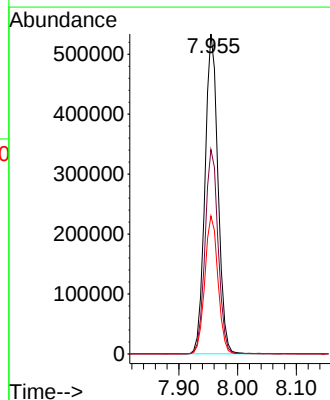
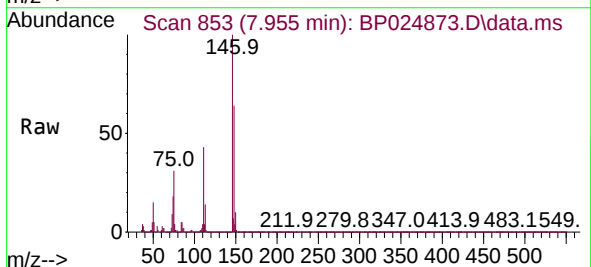
Tgt Ion:146 Resp: 821435

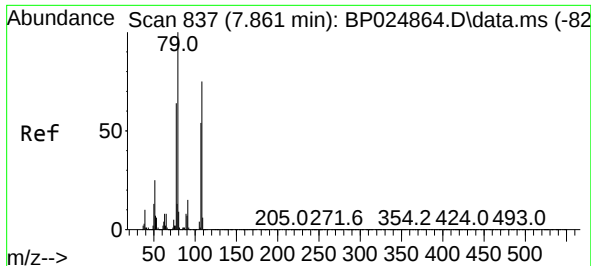
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 43.1 33.8 50.8

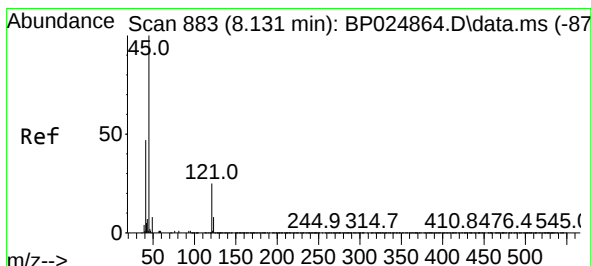
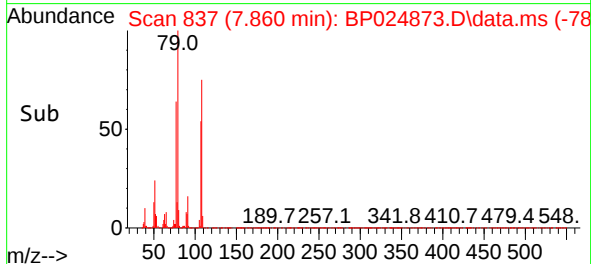
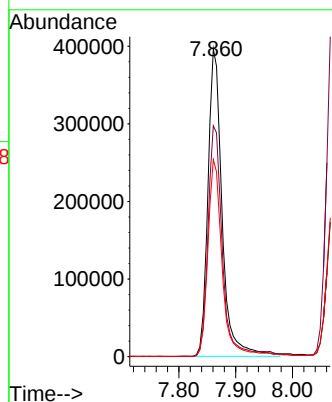
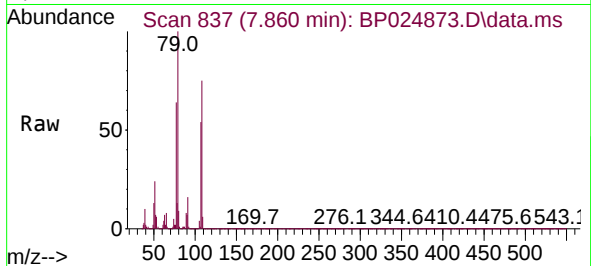




#15
Benzyl Alcohol
Concen: 45.133 ng
RT: 7.860 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

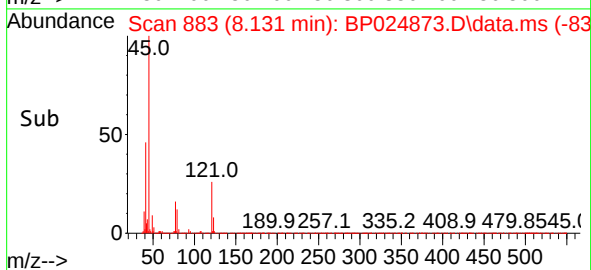
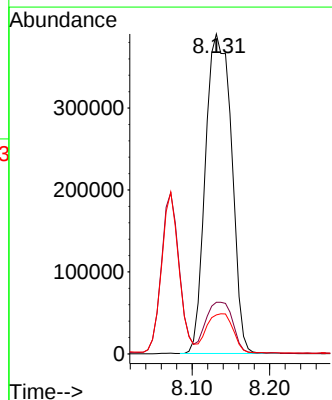
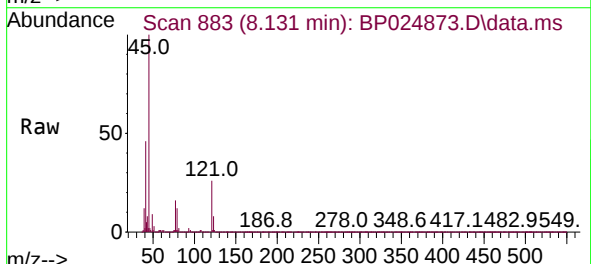
Instrument :
BNA_P
ClientSampleId :
PB168323BS

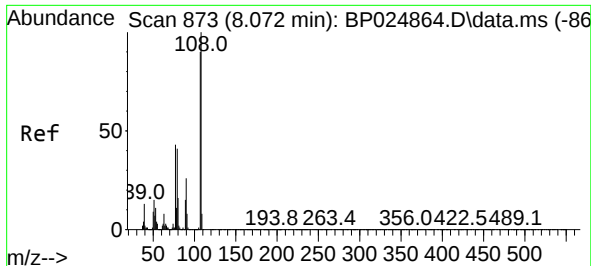
Tgt Ion: 79 Resp: 691313
Ion Ratio Lower Upper
79 100
108 75.0 60.2 90.4
77 64.0 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.060 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 45 Resp: 912010
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.3
79 12.2 0.0 32.2

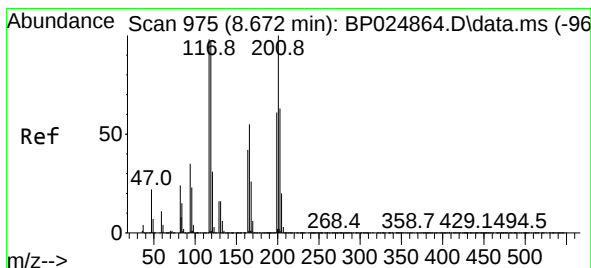
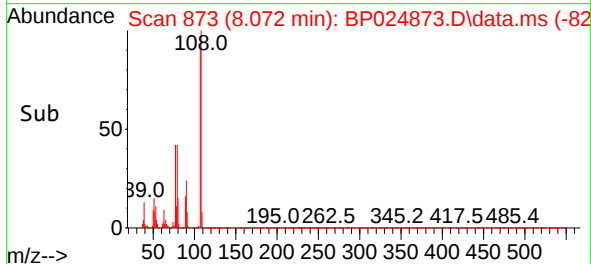
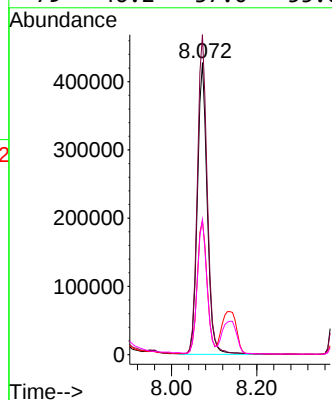
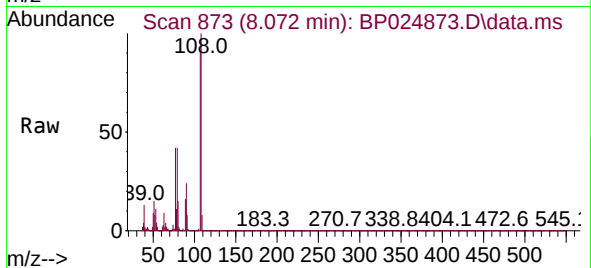




#17
2-Methylphenol
Concen: 47.420 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

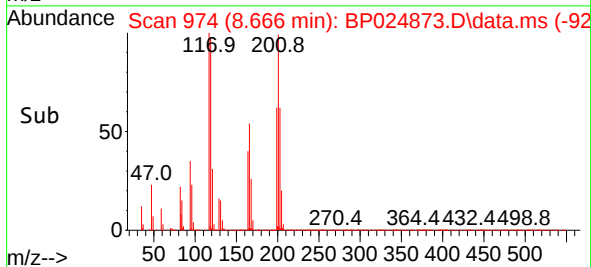
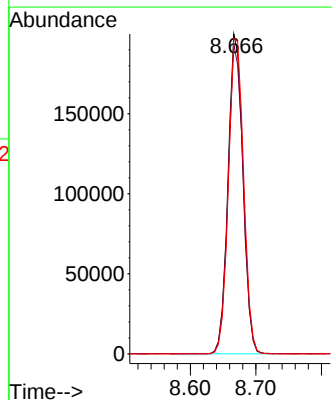
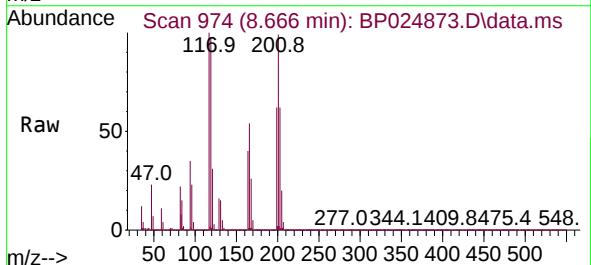
Instrument :
BNA_P
ClientSampleId :
PB168323BS

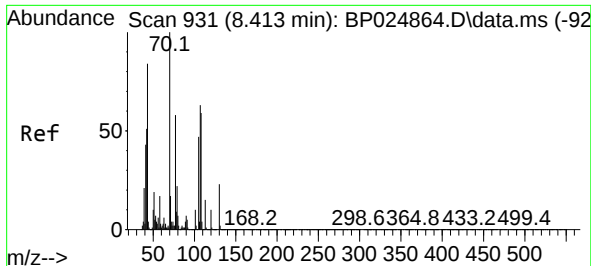
Tgt Ion:107 Resp: 681305
Ion Ratio Lower Upper
107 100
108 109.6 88.6 132.8
77 46.0 38.5 57.7
79 46.2 37.0 55.6



#18
Hexachloroethane
Concen: 43.819 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:117 Resp: 317537
Ion Ratio Lower Upper
117 100
119 96.8 79.4 119.2
201 98.6 81.4 122.2

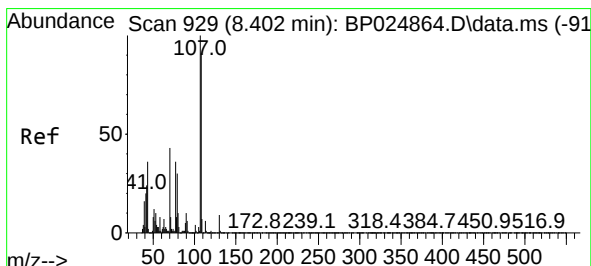
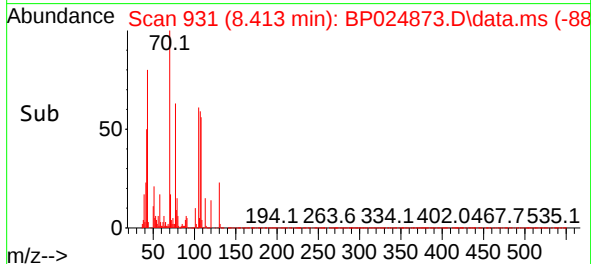
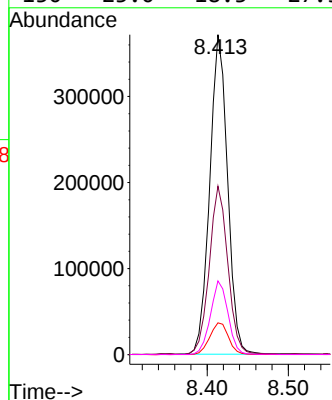
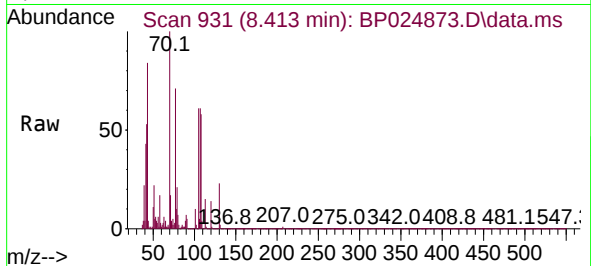




#19
n-Nitroso-di-n-propylamine
Concen: 41.901 ng
RT: 8.413 min Scan# 931
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

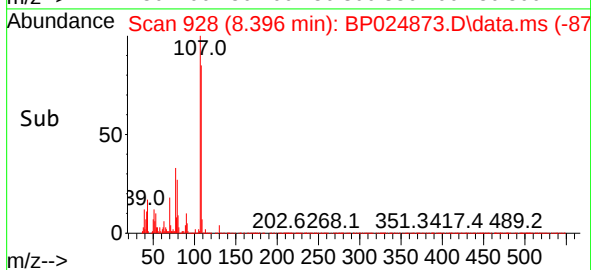
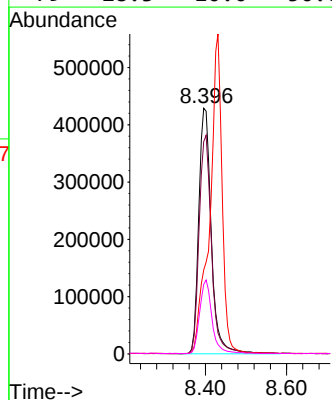
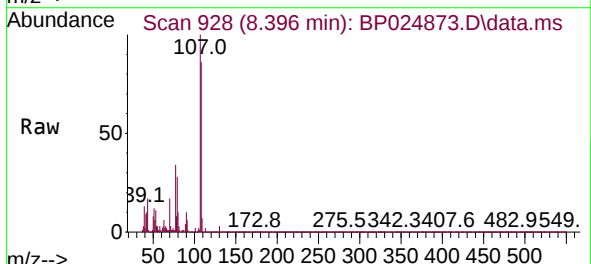
Instrument :
BNA_P
ClientSampleId :
PB168323BS

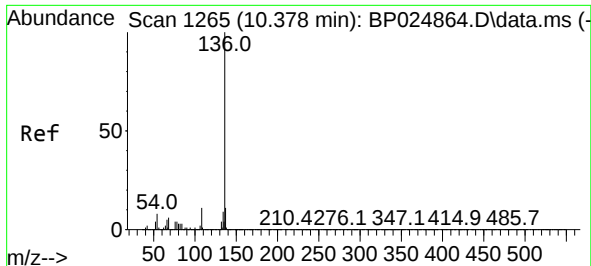
Tgt Ion:	70	Resp:	568500
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.2	61.8
101	9.9	8.3	12.5
130	23.0	18.3	27.5



#20
3+4-Methylphenols
Concen: 46.681 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:	107	Resp:	915040
Ion	Ratio	Lower	Upper
107	100		
108	86.4	70.7	110.7
77	34.2	16.6	56.6
79	28.3	10.0	50.0

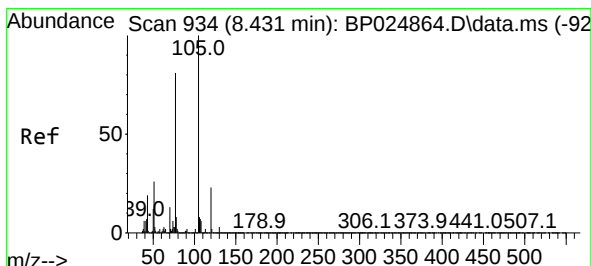
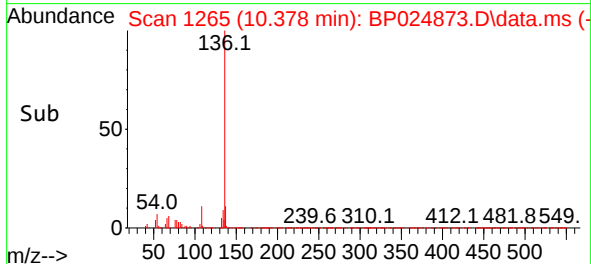
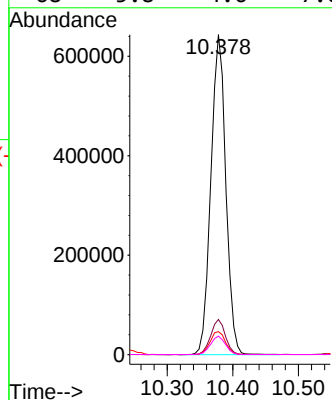
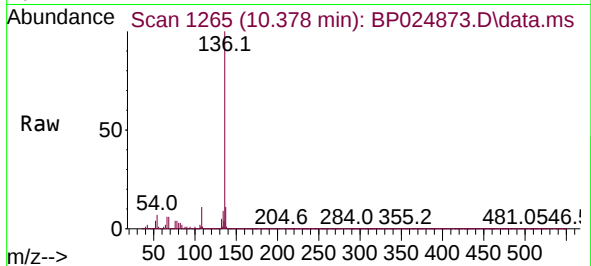




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

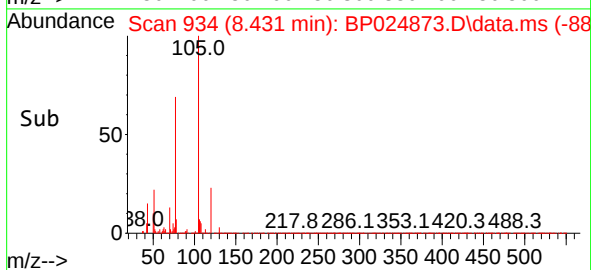
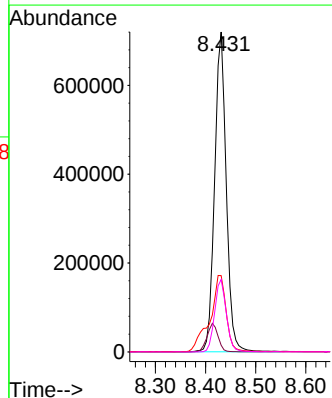
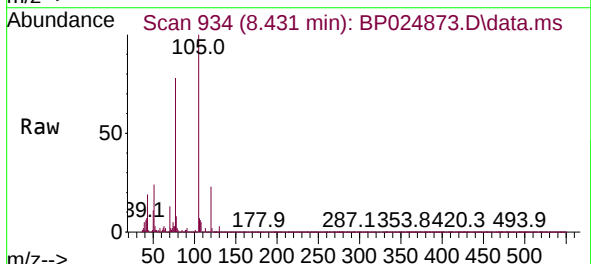
Instrument :
BNA_P
ClientSampleId :
PB168323BS

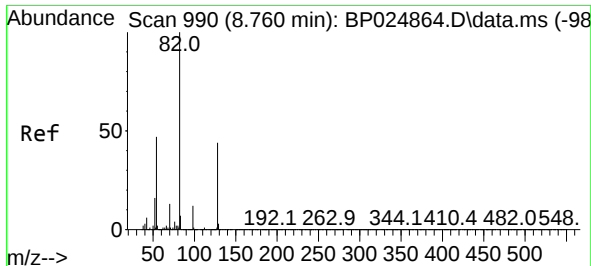
Tgt Ion:136 Resp: 1016039
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.1 9.1
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 45.221 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:105 Resp: 1160850
Ion Ratio Lower Upper
105 100
71 2.1 1.6 2.4
51 23.8 20.6 31.0
120 22.6 18.2 27.4

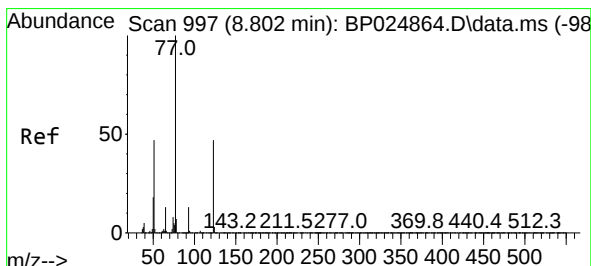
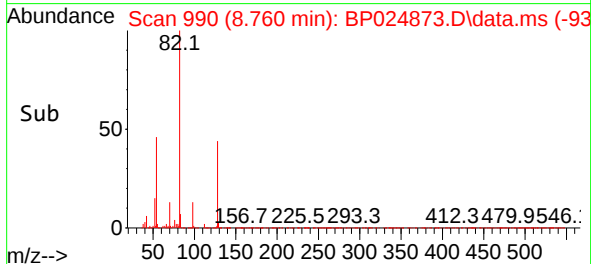
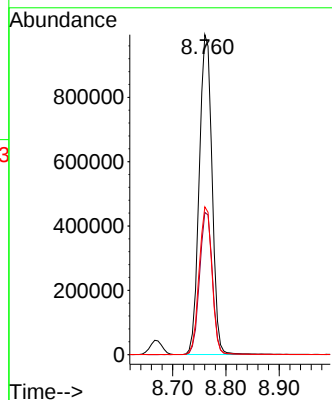
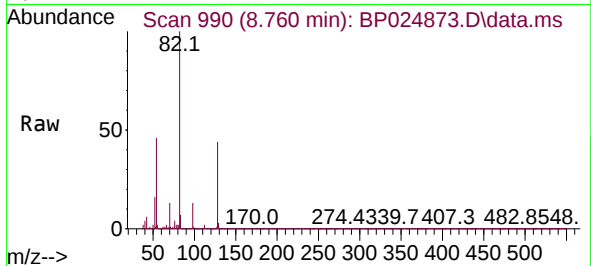




#23
Nitrobenzene-d5
Concen: 79.445 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

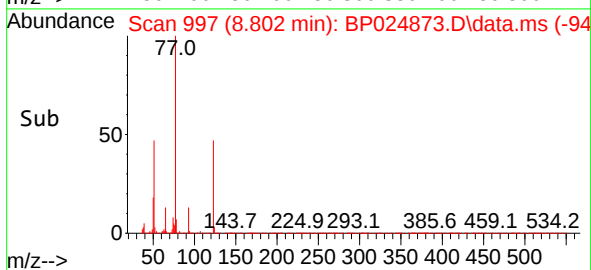
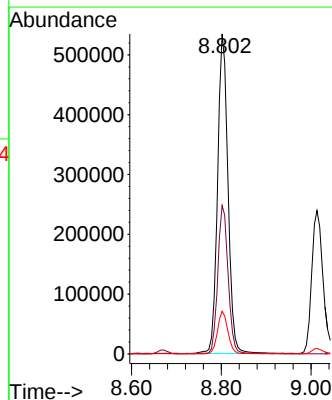
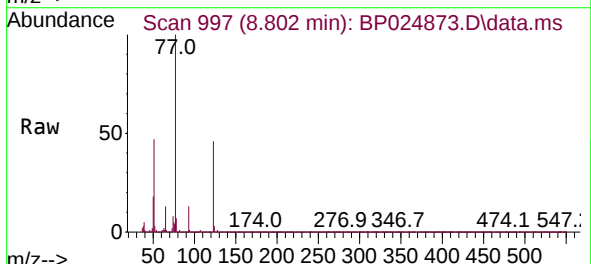
Instrument :
BNA_P
ClientSampleId :
PB168323BS

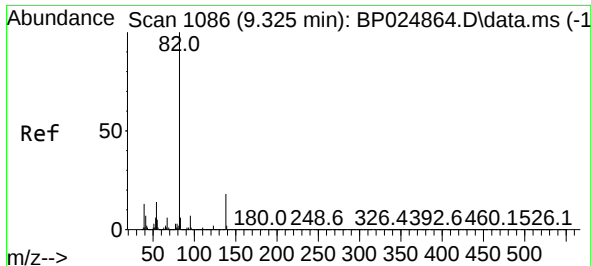
Tgt Ion: 82 Resp: 1661117
Ion Ratio Lower Upper
82 100
128 44.4 35.3 52.9
54 46.2 37.4 56.0



#24
Nitrobenzene
Concen: 46.259 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 77 Resp: 859288
Ion Ratio Lower Upper
77 100
123 46.4 37.3 55.9
65 13.4 10.8 16.2

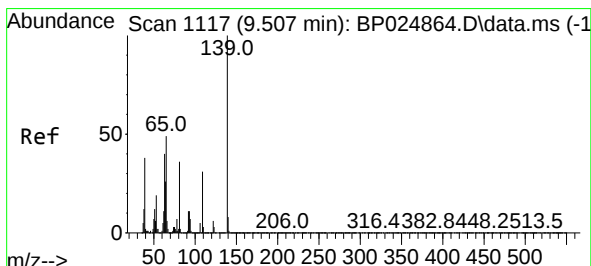
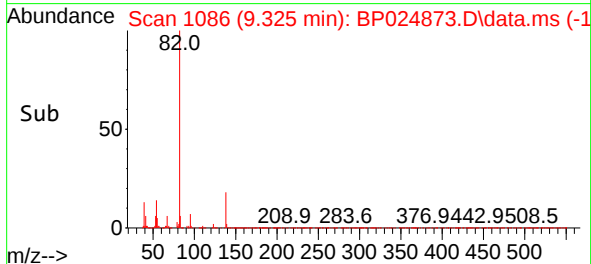
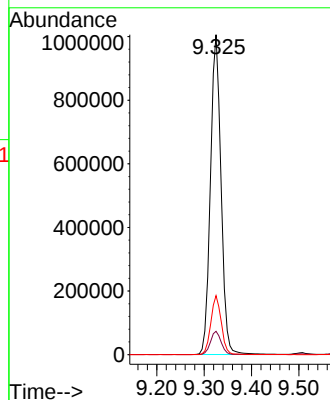
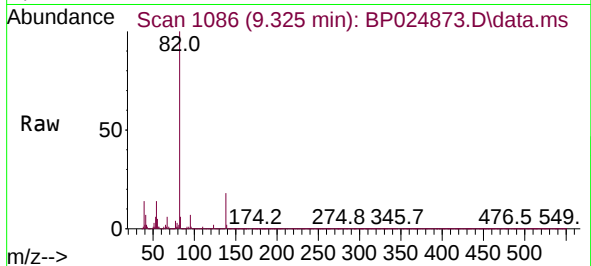




#25
Isophorone
Concen: 43.167 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

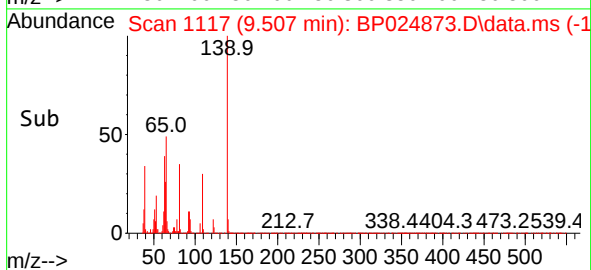
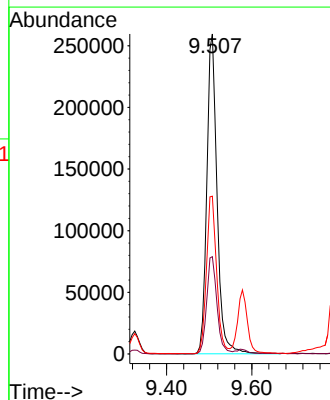
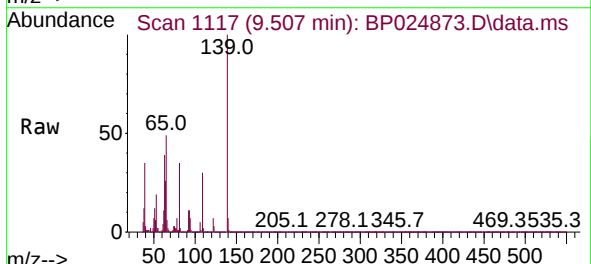
Instrument :
BNA_P
ClientSampleId :
PB168323BS

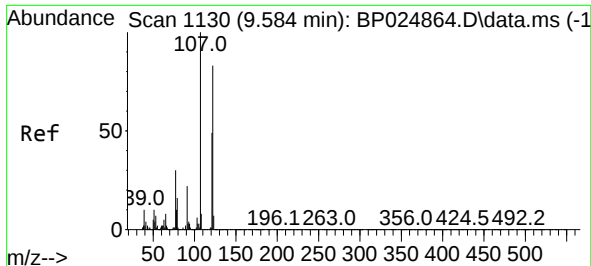
Tgt Ion: 82 Resp: 1564267
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 47.343 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 139 Resp: 433908
Ion Ratio Lower Upper
139 100
109 30.4 24.6 37.0
65 49.3 39.5 59.3

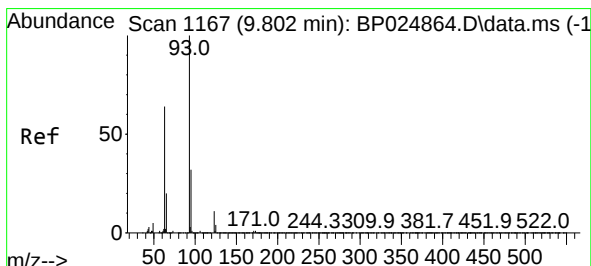
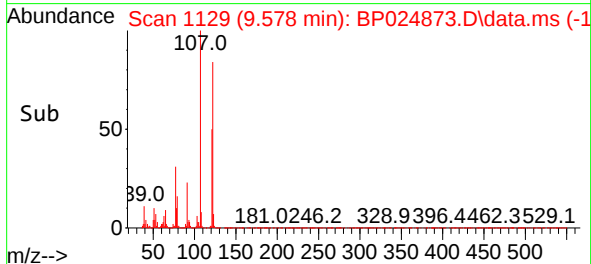
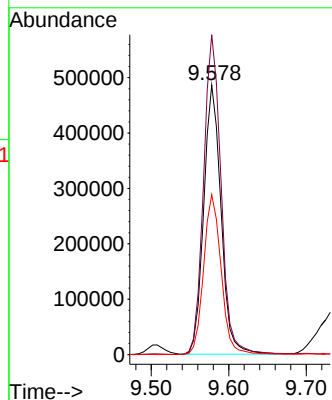
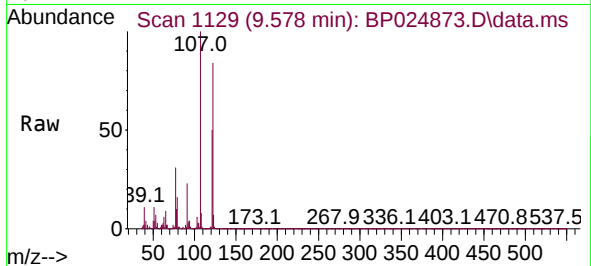




#27
2,4-Dimethylphenol
Concen: 48.094 ng
RT: 9.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

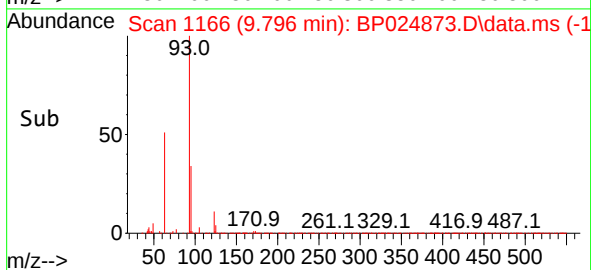
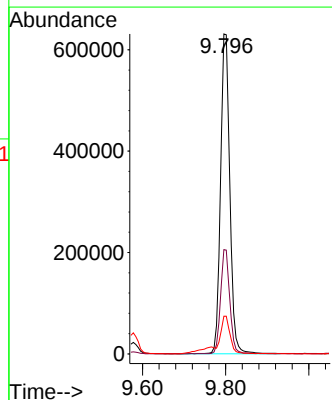
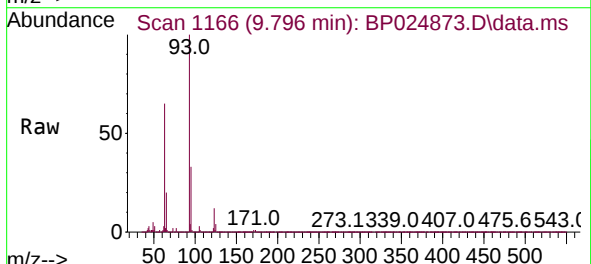
Instrument :
BNA_P
ClientSampleId :
PB168323BS

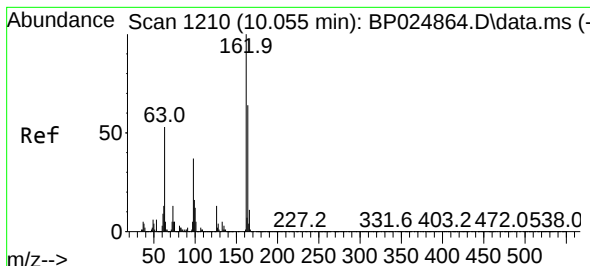
Tgt Ion:122 Resp: 754390
Ion Ratio Lower Upper
122 100
107 118.7 96.2 144.4
121 59.3 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.227 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 93 Resp: 977653
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 11.8 9.2 13.8

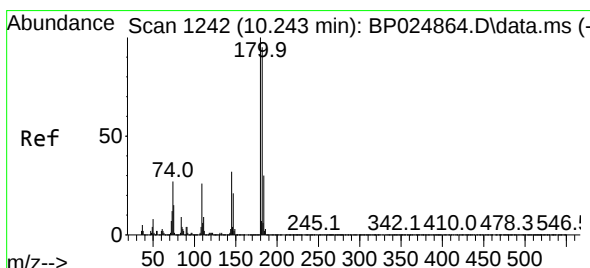
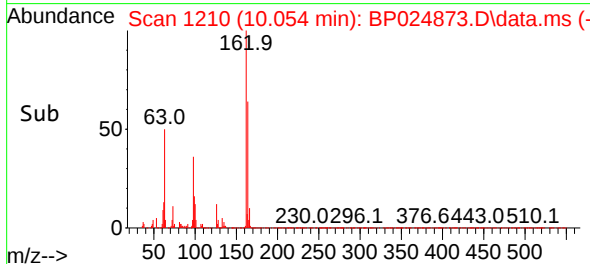
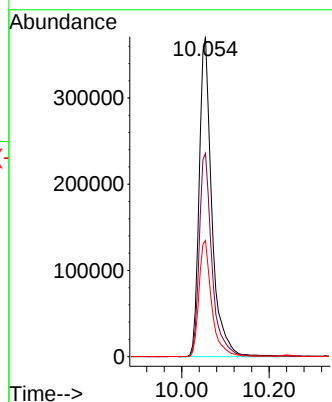
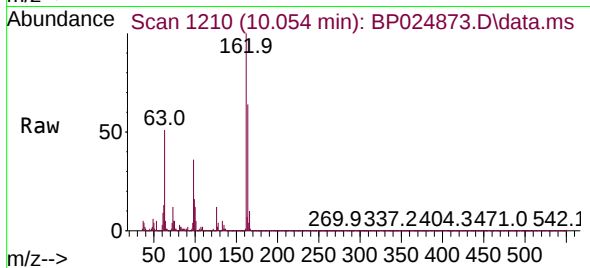




#29
2,4-Dichlorophenol
Concen: 49.263 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

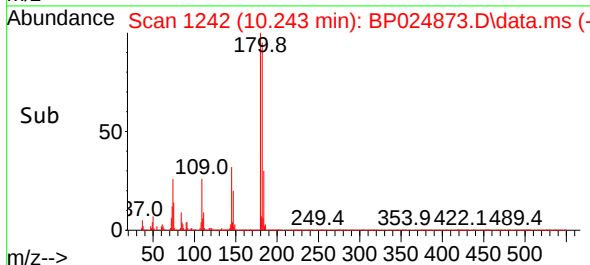
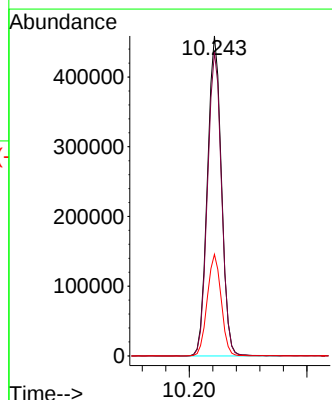
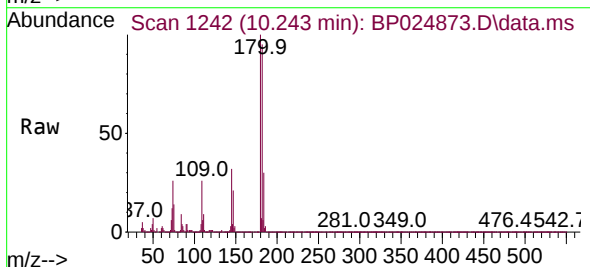
Instrument :
BNA_P
ClientSampleId :
PB168323BS

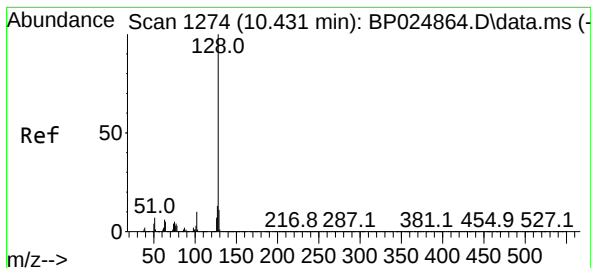
Tgt Ion:162 Resp: 741425
Ion Ratio Lower Upper
162 100
164 63.5 44.0 84.0
98 36.3 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 44.582 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:180 Resp: 756797
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.6
145 31.7 25.7 38.5

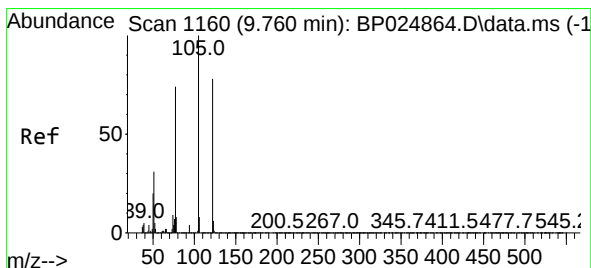
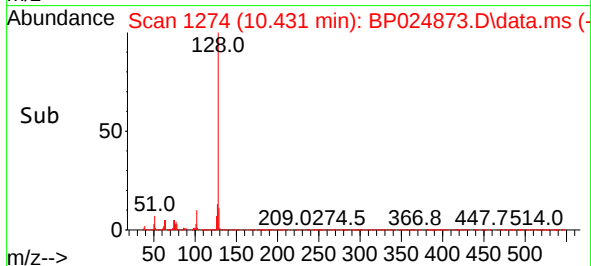
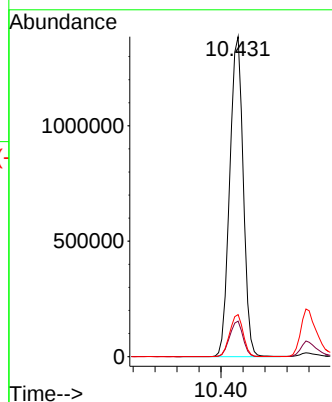
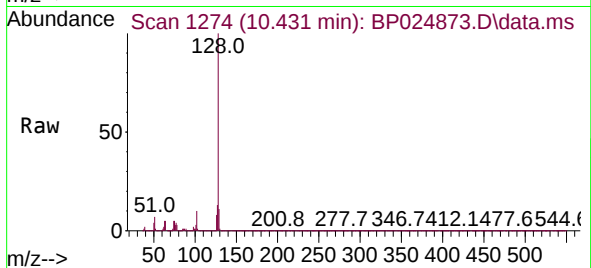




#31
Naphthalene
Concen: 45.301 ng
RT: 10.431 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

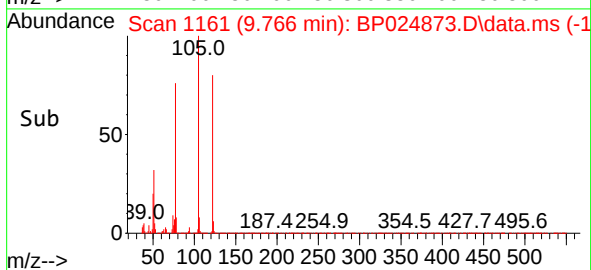
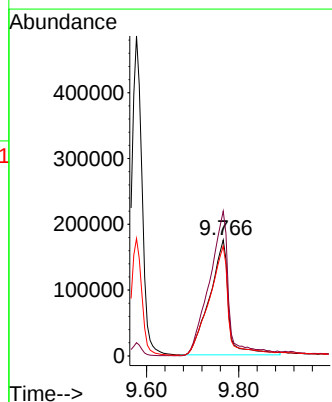
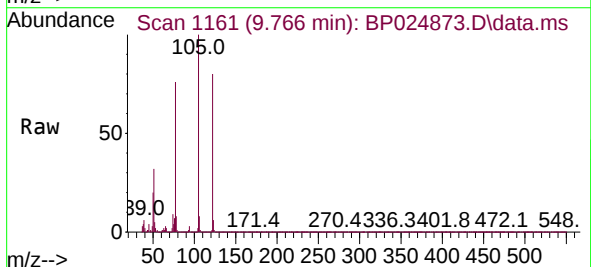
Instrument :
BNA_P
ClientSampleId :
PB168323BS

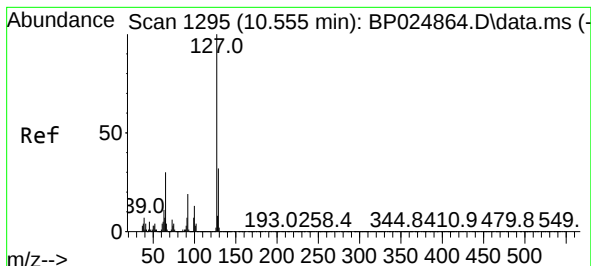
Tgt Ion:128 Resp: 2358732
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 47.349 ng
RT: 9.766 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:122 Resp: 501882
Ion Ratio Lower Upper
122 100
105 125.0 107.1 147.1
77 94.7 75.1 115.1





#33

4-Chloroaniline

Concen: 20.314 ng

RT: 10.554 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

Tgt Ion:127 Resp: 443141

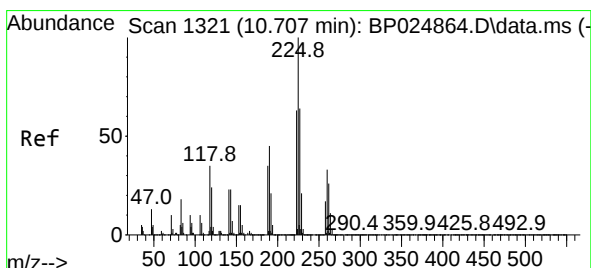
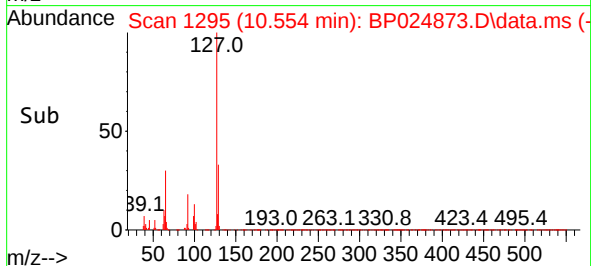
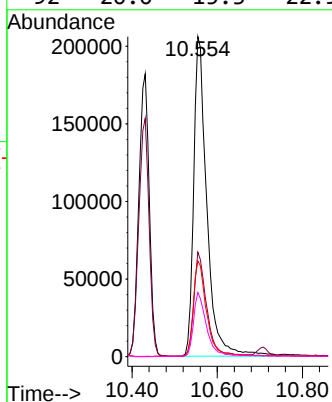
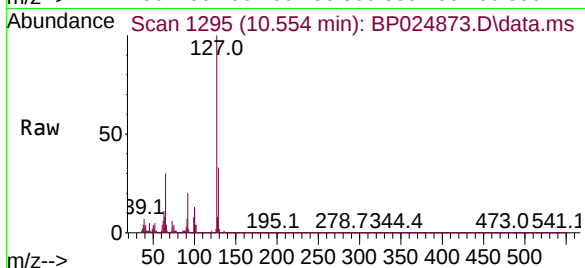
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 29.9 23.9 35.9

92 20.0 15.3 22.9



#34

Hexachlorobutadiene

Concen: 44.873 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

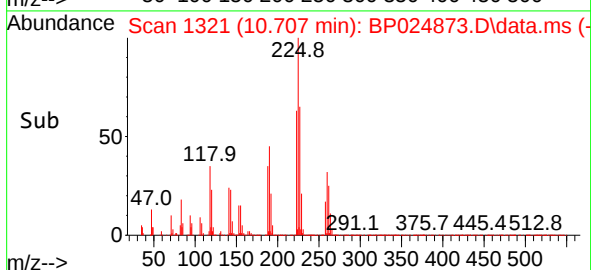
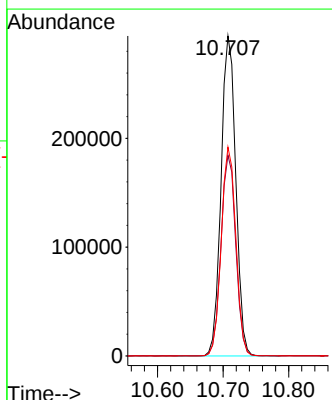
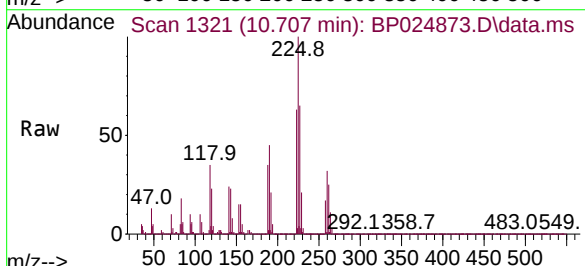
Tgt Ion:225 Resp: 459112

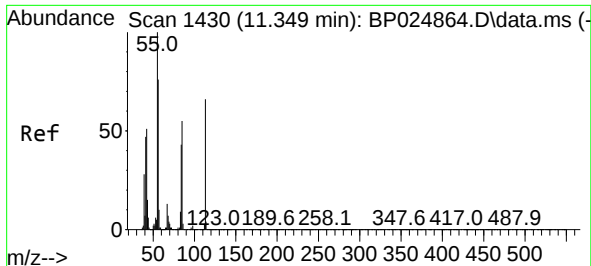
Ion Ratio Lower Upper

225 100

223 62.7 50.5 75.7

227 65.2 51.4 77.2

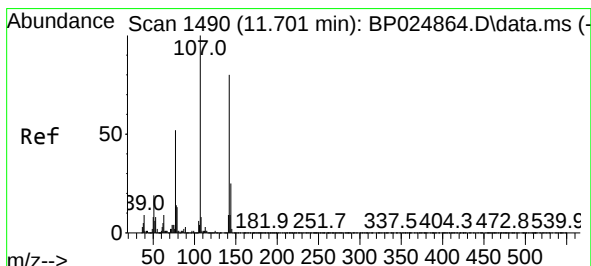
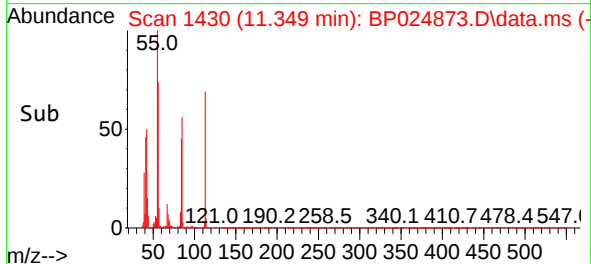
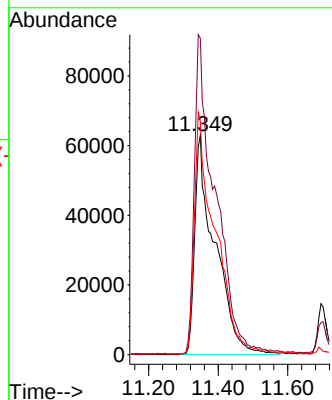
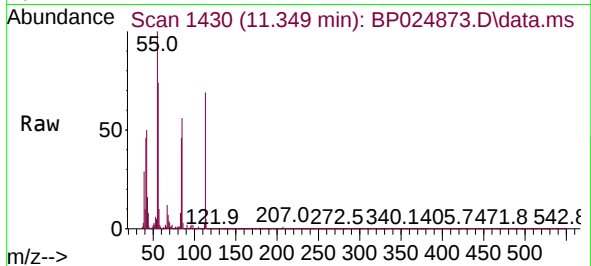




#35
Caprolactam
Concen: 45.658 ng
RT: 11.349 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

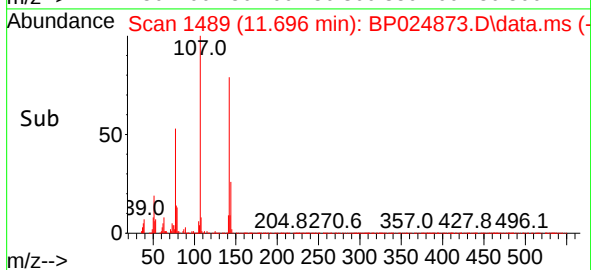
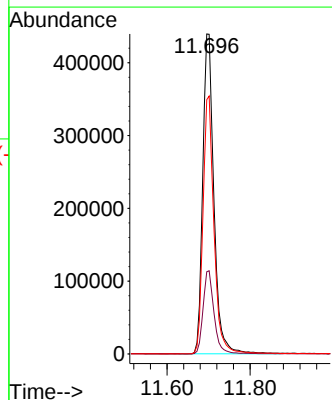
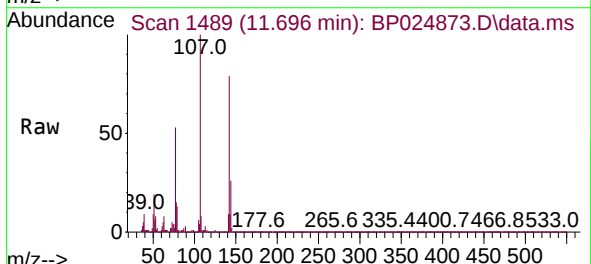
Instrument :
BNA_P
ClientSampleId :
PB168323BS

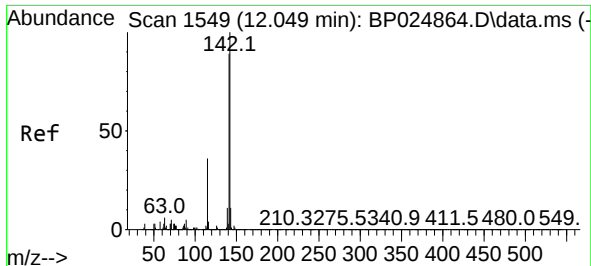
Tgt Ion	Ratio	Lower	Upper
113	100		
55	144.3	132.5	172.5
56	106.2	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 47.292 ng
RT: 11.696 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	79.4	63.8	95.6

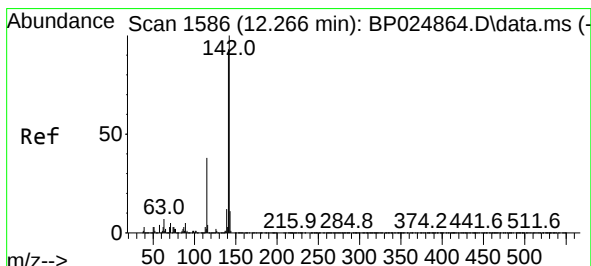
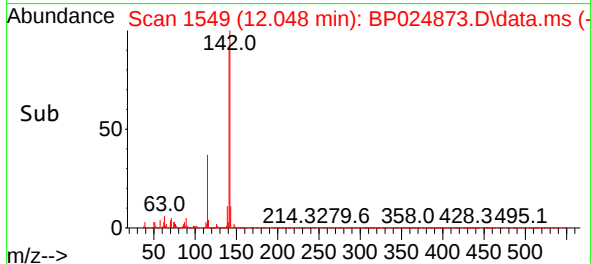
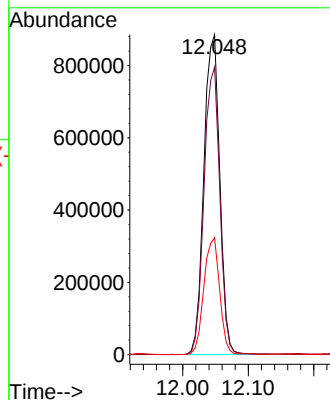
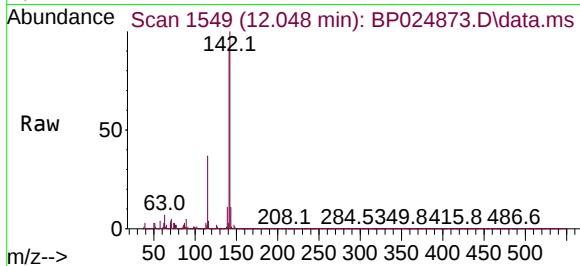




#37
2-Methylnaphthalene
Concen: 45.048 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

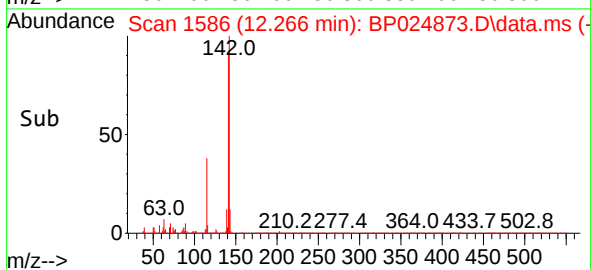
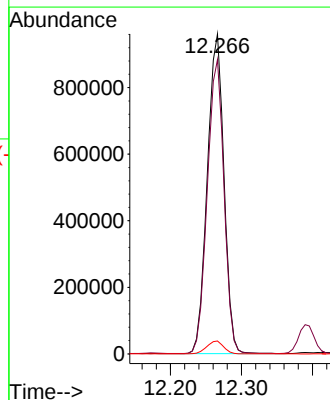
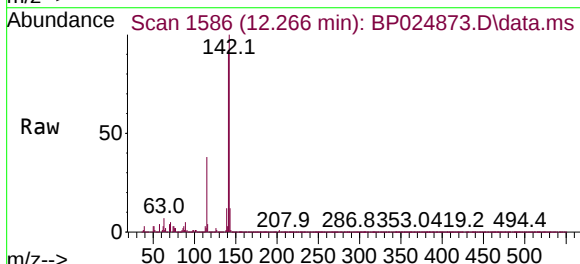
Instrument :
BNA_P
ClientSampleId :
PB168323BS

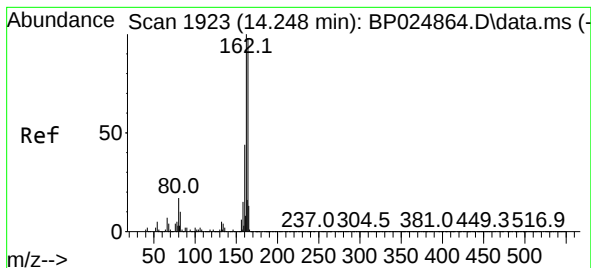
Tgt Ion:142 Resp: 1487861
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 36.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.203 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:142 Resp: 1560851
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

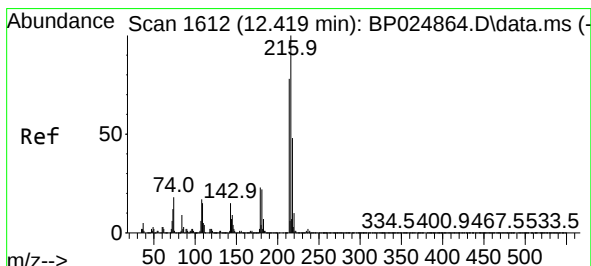
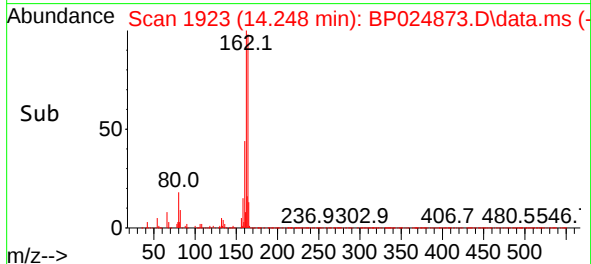
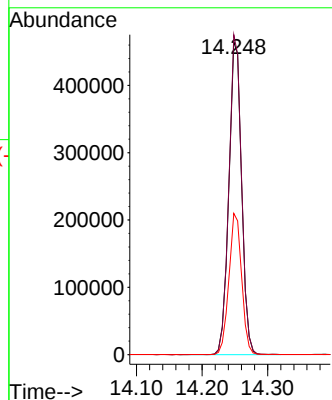
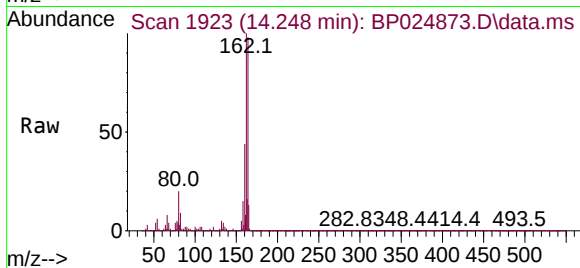
Tgt Ion:164 Resp: 628283

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 45.1 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.112 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion:216 Resp: 822077

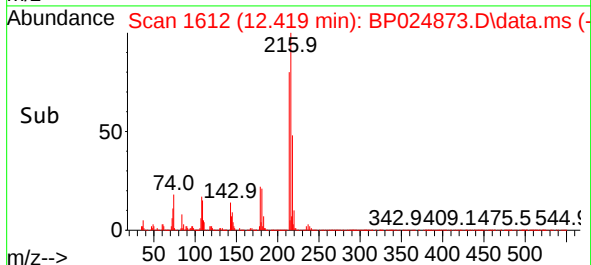
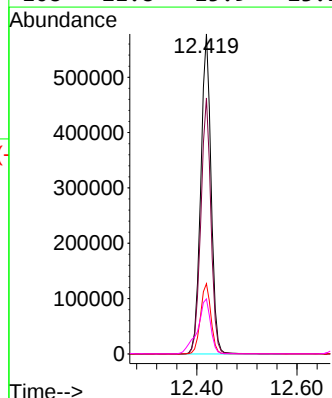
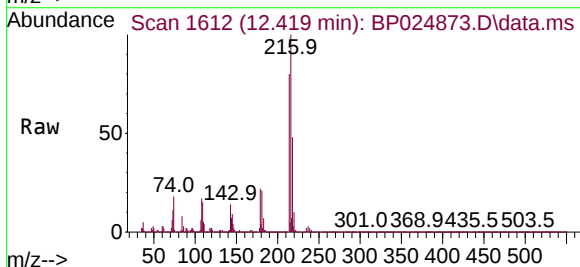
Ion Ratio Lower Upper

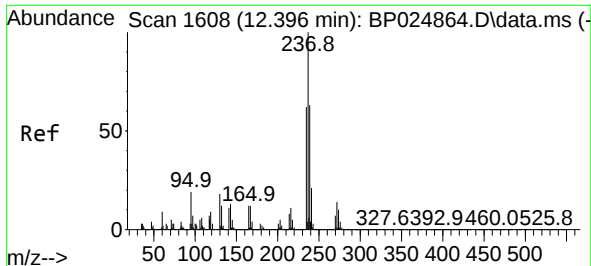
216 100

214 78.8 63.0 94.4

179 22.2 17.8 26.6

108 21.8 15.9 23.9

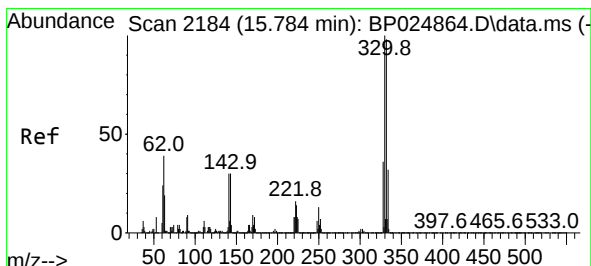
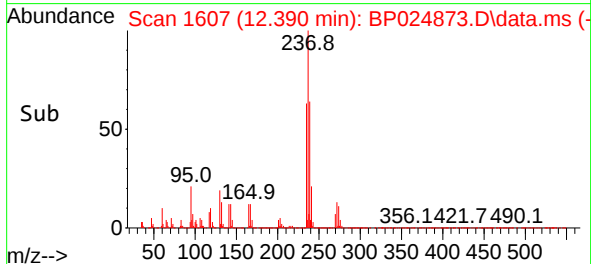
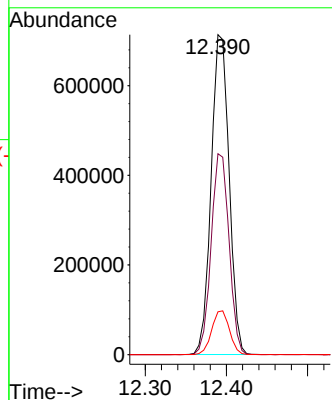
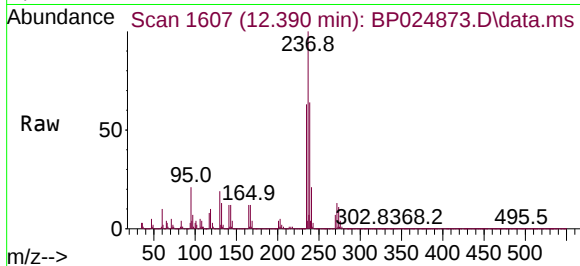




#41
Hexachlorocyclopentadiene
Concen: 100.954 ng
RT: 12.390 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

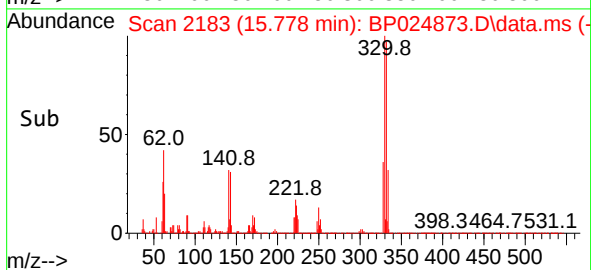
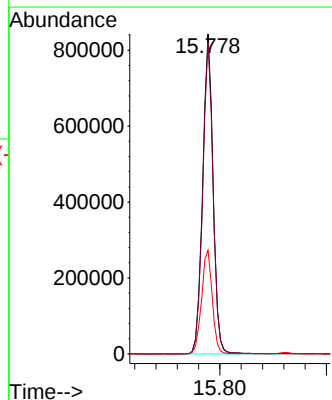
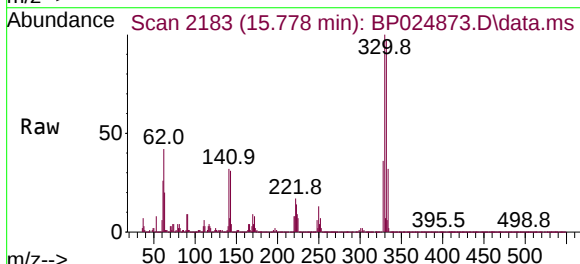
Instrument :
BNA_P
ClientSampleId :
PB168323BS

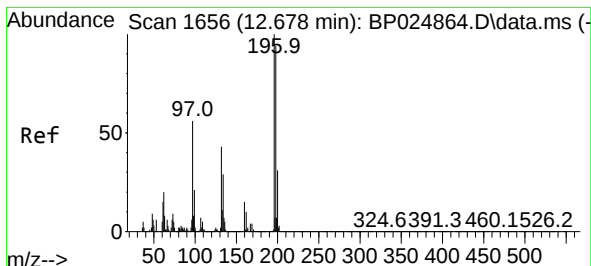
Tgt Ion:237 Resp: 1097762
Ion Ratio Lower Upper
237 100
235 62.8 41.9 81.9
272 13.4 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 131.309 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:330 Resp: 1140597
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.2 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 48.214 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

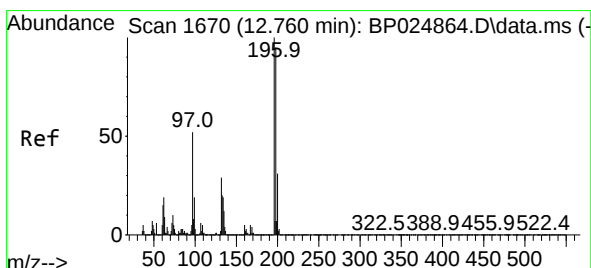
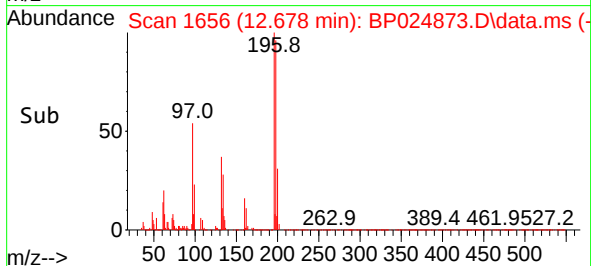
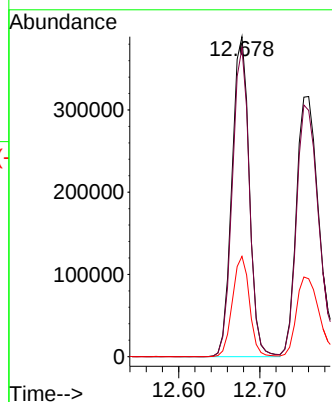
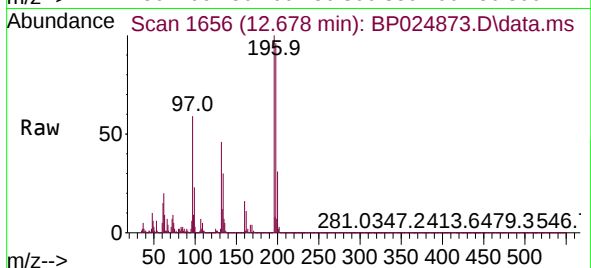
Tgt Ion:196 Resp: 577250

Ion Ratio Lower Upper

196 100

198 96.4 75.4 113.0

200 31.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 49.602 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion:196 Resp: 635990

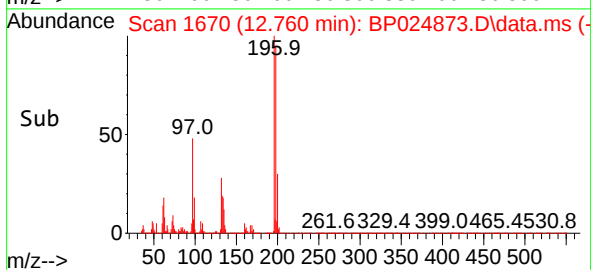
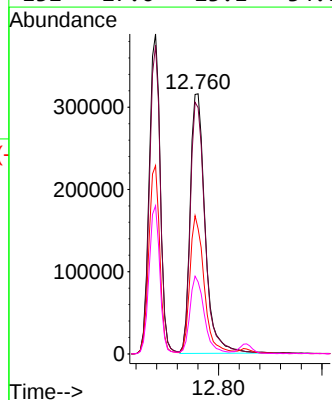
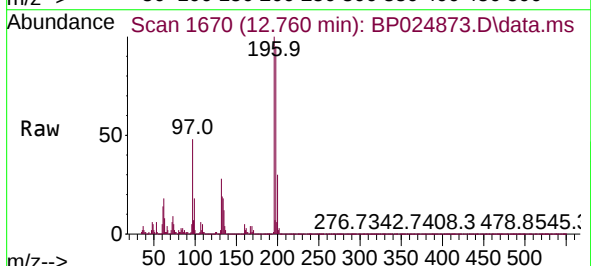
Ion Ratio Lower Upper

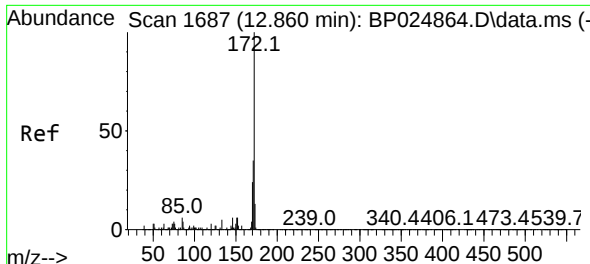
196 100

198 94.7 76.0 114.0

97 48.1 41.5 62.3

132 27.6 23.1 34.7

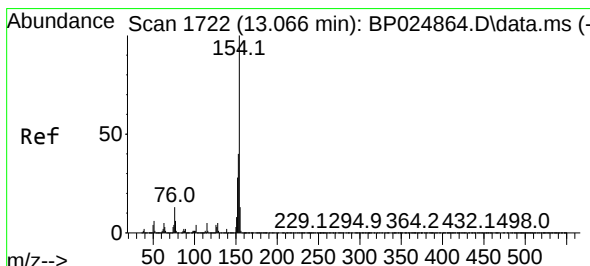
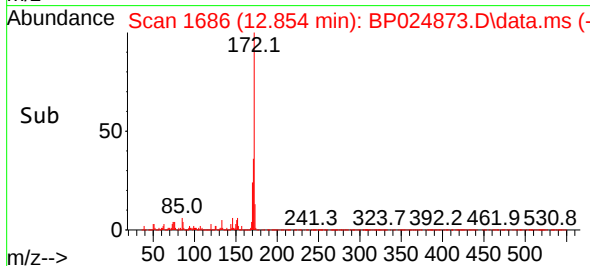
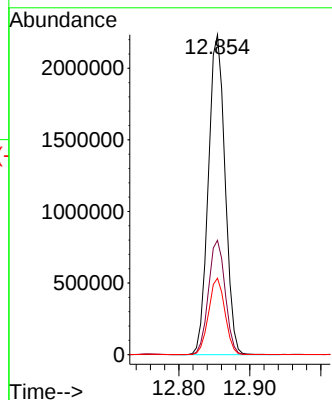
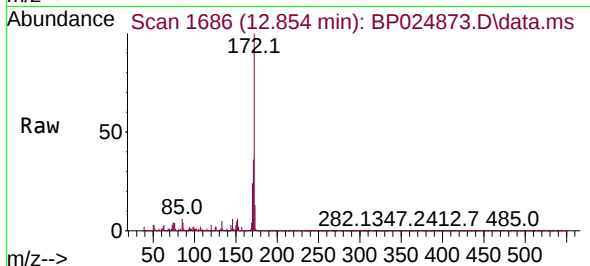




#45
2-Fluorobiphenyl
Concen: 77.914 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

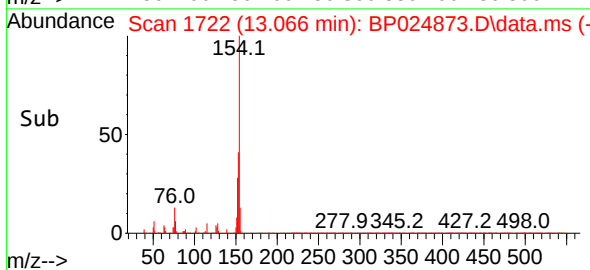
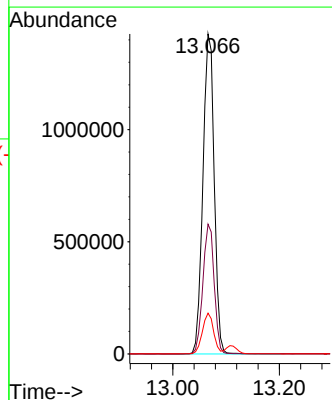
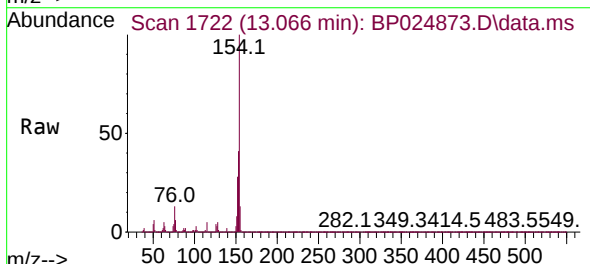
Instrument :
BNA_P
ClientSampleId :
PB168323BS

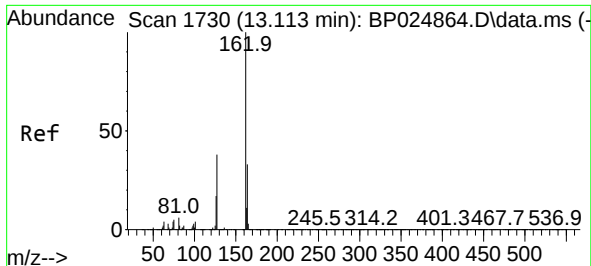
Tgt Ion:172 Resp: 3633814
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.844 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:154 Resp: 2093200
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.7 0.0 33.0





#47

2-Chloronaphthalene

Concen: 46.187 ng

RT: 13.107 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

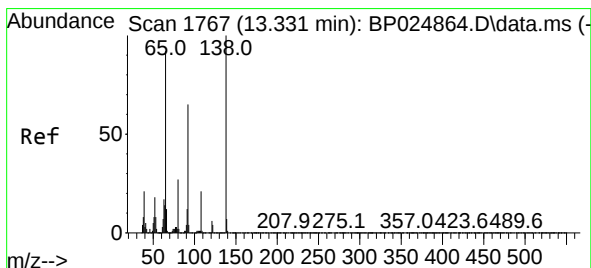
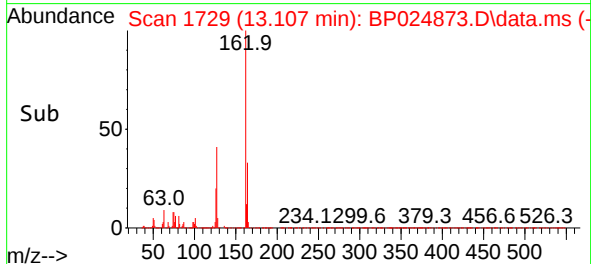
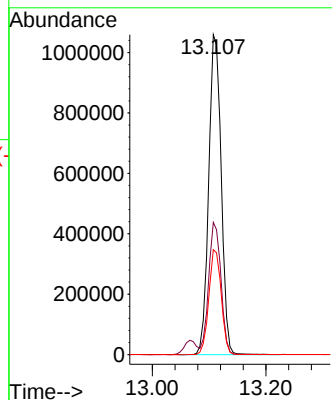
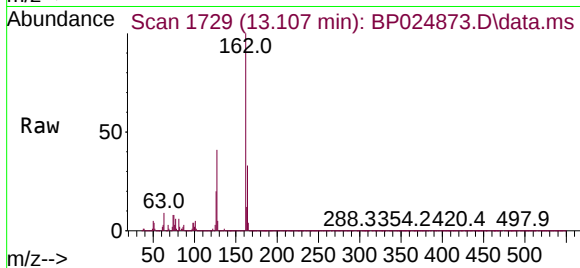
Tgt Ion:162 Resp: 1620819

Ion Ratio Lower Upper

162 100

127 41.3 32.5 48.7

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 48.295 ng

RT: 13.331 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

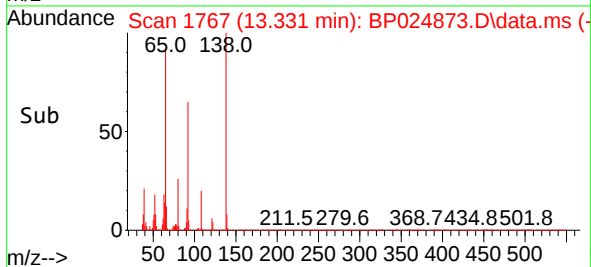
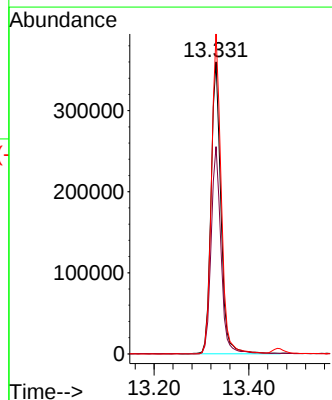
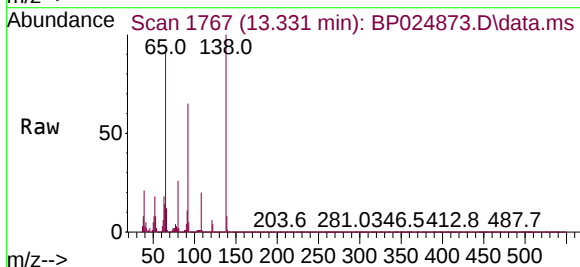
Tgt Ion: 65 Resp: 521042

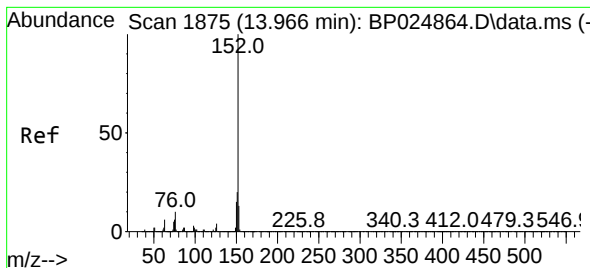
Ion Ratio Lower Upper

65 100

92 71.0 56.8 85.2

138 109.5 86.9 130.3





#49

Acenaphthylene

Concen: 45.478 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

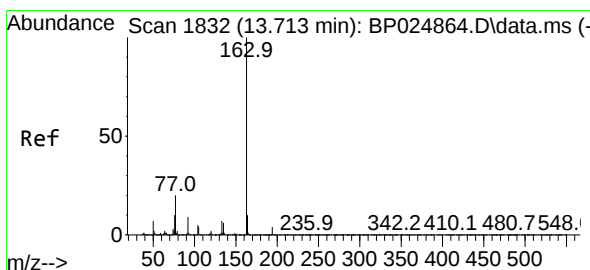
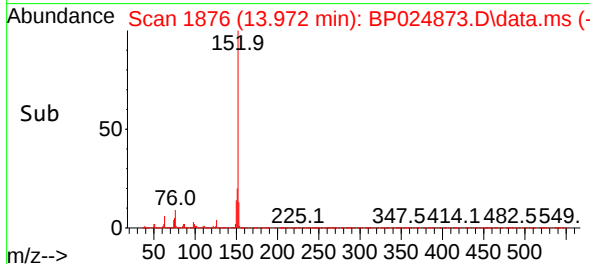
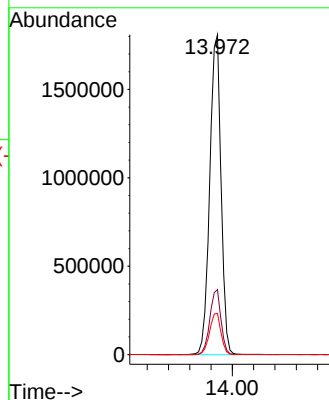
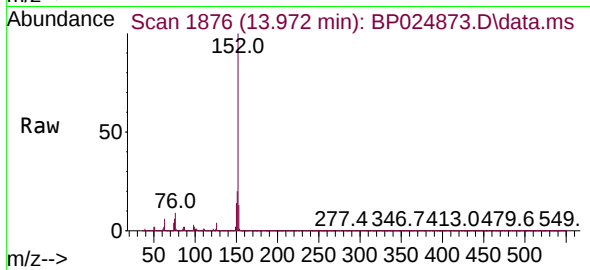
Tgt Ion:152 Resp: 2661012

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 44.824 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

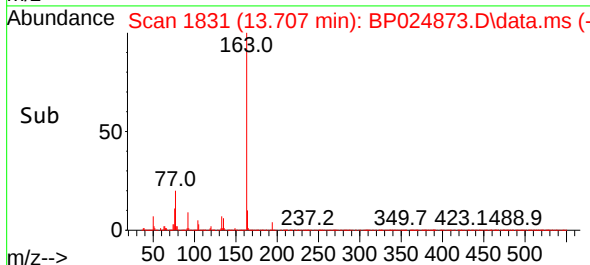
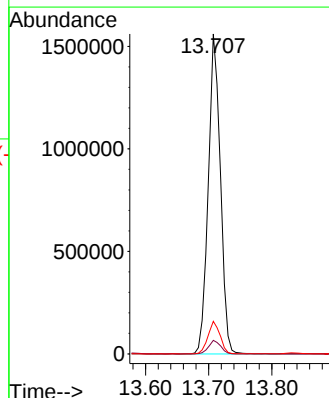
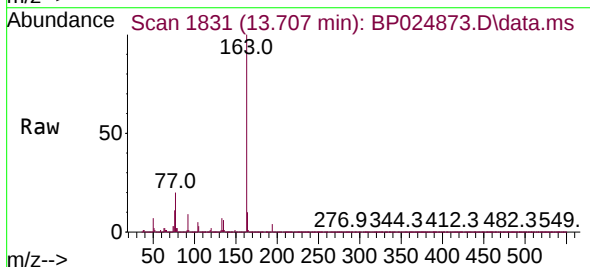
Tgt Ion:163 Resp: 2077480

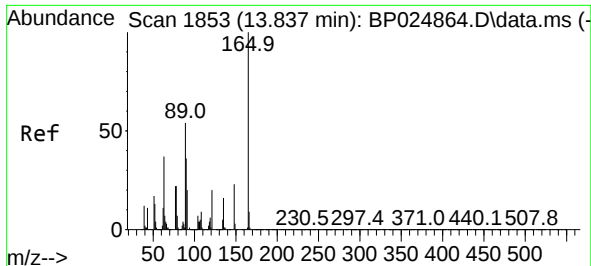
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.0 12.0

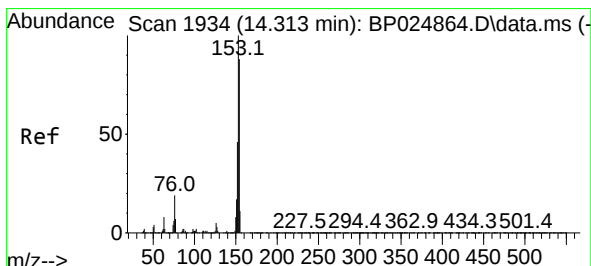
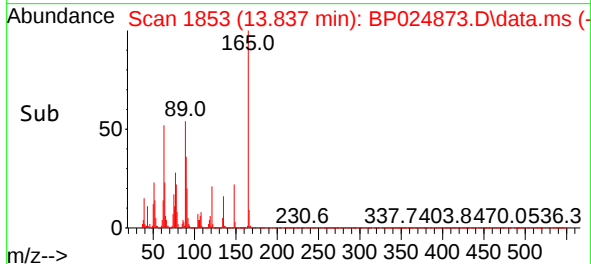
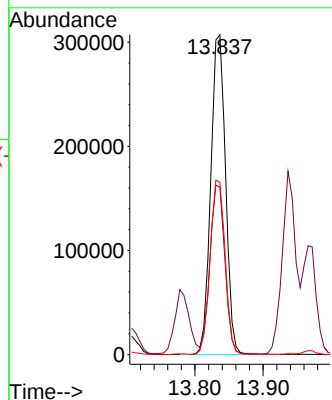
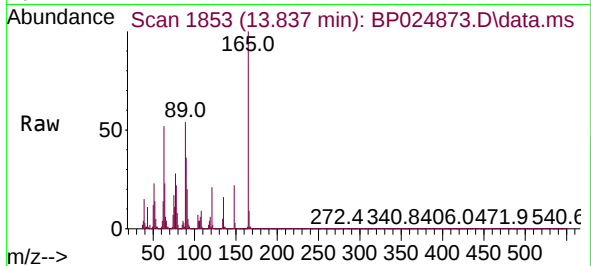




#51
2,6-Dinitrotoluene
Concen: 46.153 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

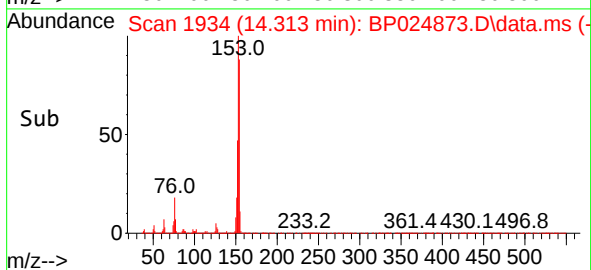
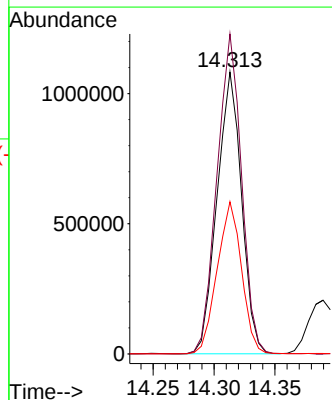
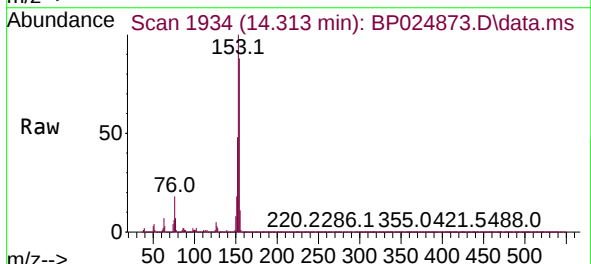
Instrument :
BNA_P
ClientSampleId :
PB168323BS

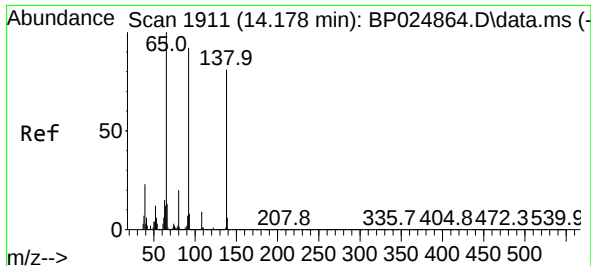
Tgt Ion:165 Resp: 461134
Ion Ratio Lower Upper
165 100
63 52.4 41.8 62.8
89 53.8 43.1 64.7



#52
Acenaphthene
Concen: 45.227 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:154 Resp: 1516438
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 54.0 42.1 63.1

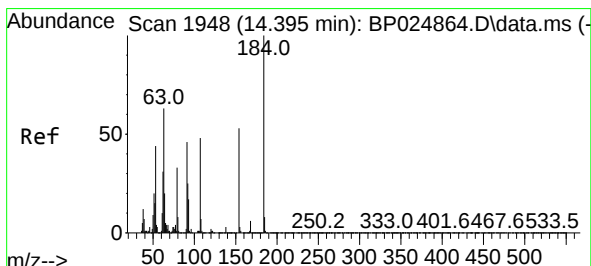
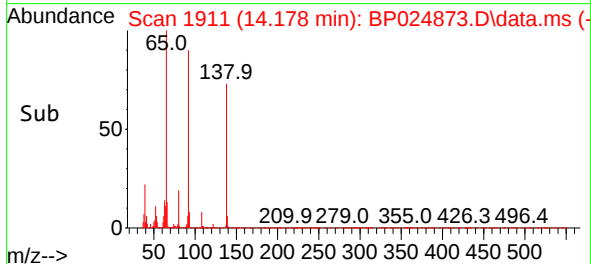
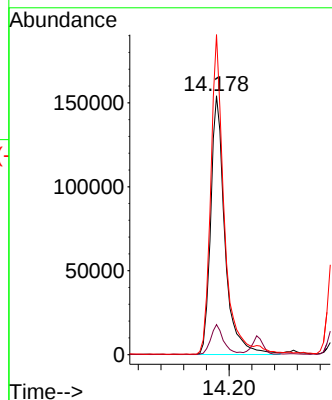
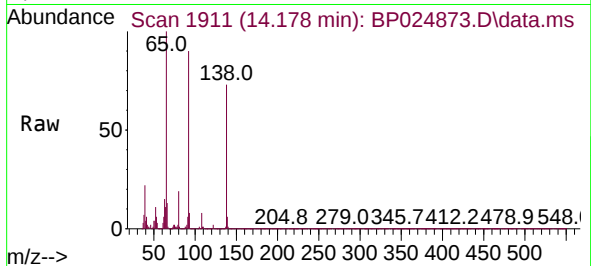




#53
3-Nitroaniline
Concen: 25.855 ng
RT: 14.178 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

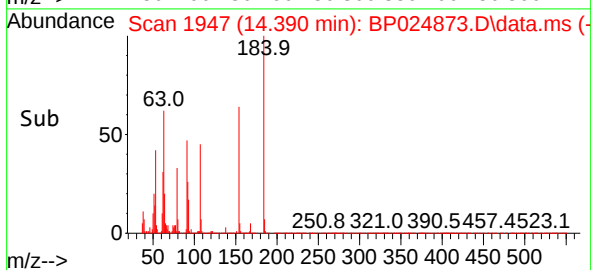
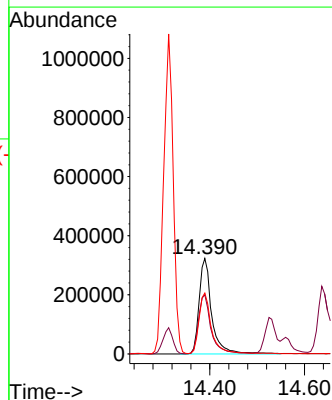
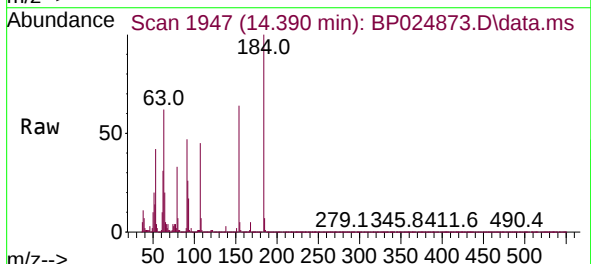
Instrument :
BNA_P
ClientSampleId :
PB168323BS

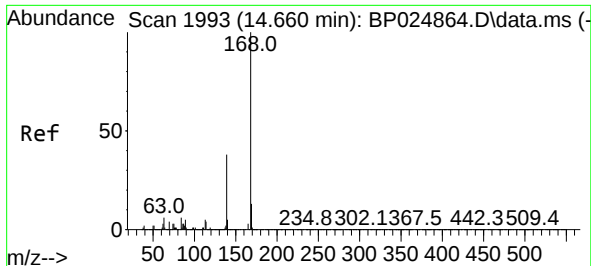
Tgt Ion:138 Resp: 268082
Ion Ratio Lower Upper
138 100
108 11.6 8.6 12.8
92 123.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 90.641 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:184 Resp: 594890
Ion Ratio Lower Upper
184 100
63 61.9 51.0 76.4
154 63.9 51.7 77.5

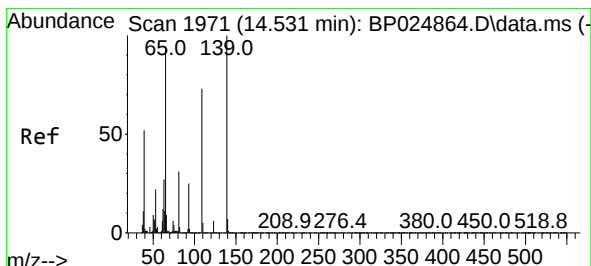
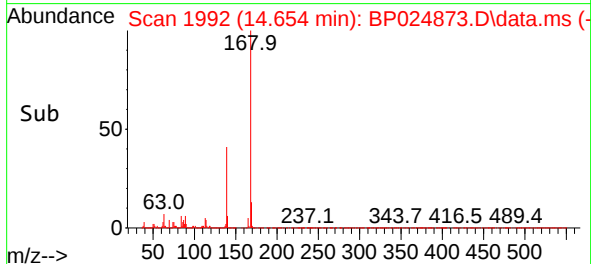
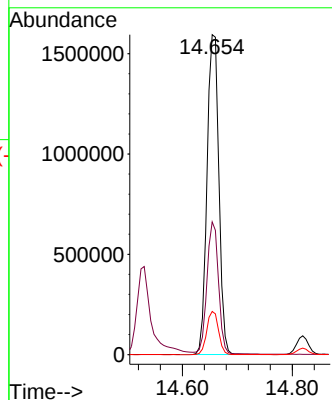
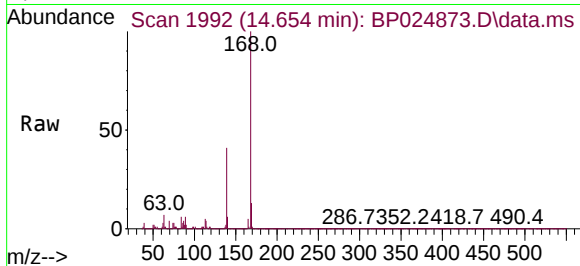




#55
Dibenzenofuran
Concen: 44.250 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

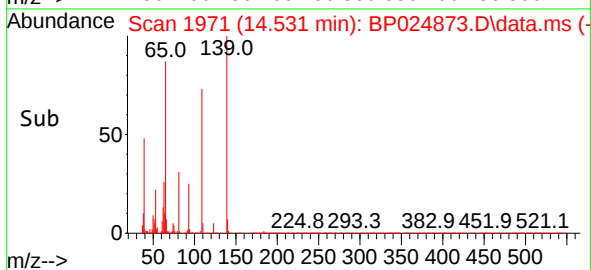
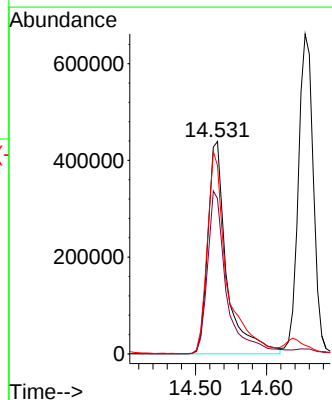
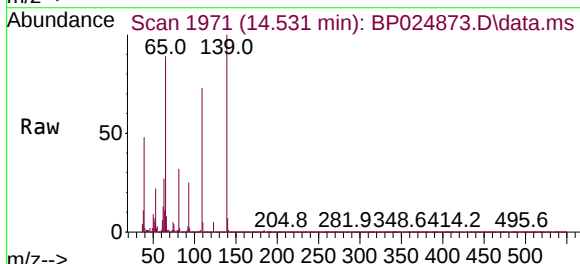
Instrument :
BNA_P
ClientSampleId :
PB168323BS

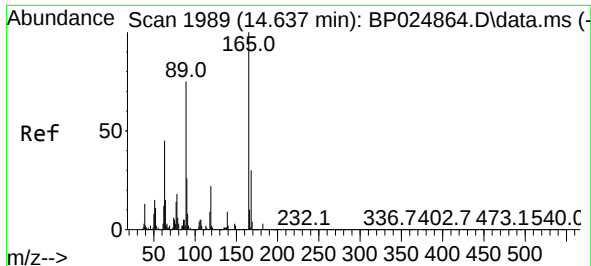
Tgt Ion:168 Resp: 2381540
Ion Ratio Lower Upper
168 100
139 41.5 31.6 47.4
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 91.350 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:139 Resp: 809101
Ion Ratio Lower Upper
139 100
109 73.1 53.1 93.1
65 88.7 73.0 113.0

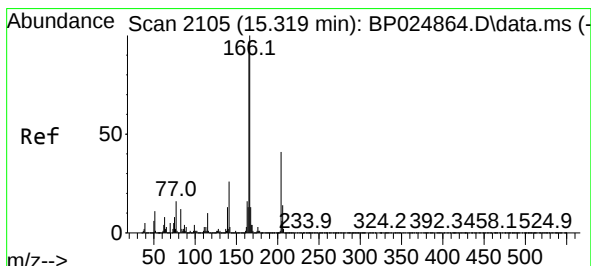
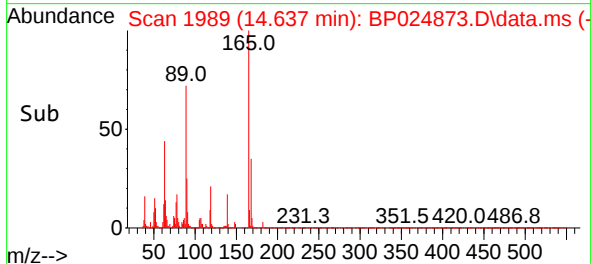
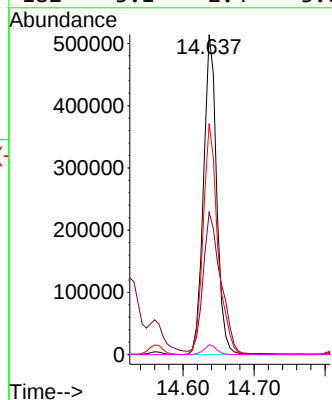
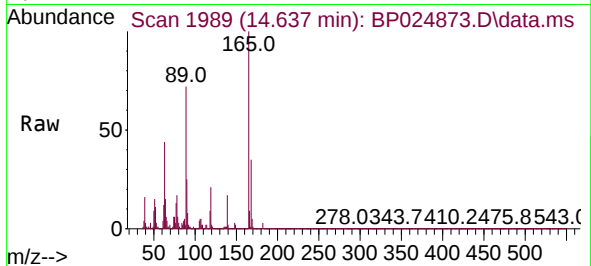




#57
2,4-Dinitrotoluene
Concen: 46.983 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

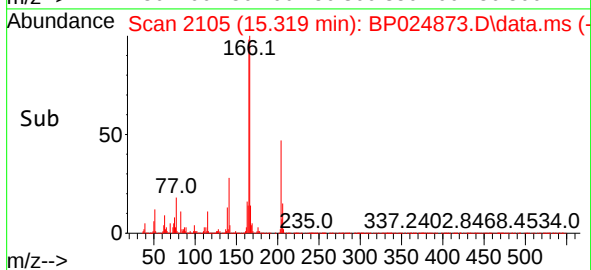
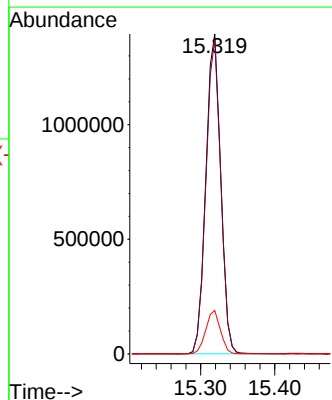
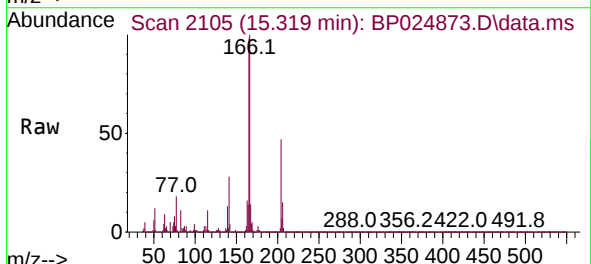
Instrument :
BNA_P
ClientSampleId :
PB168323BS

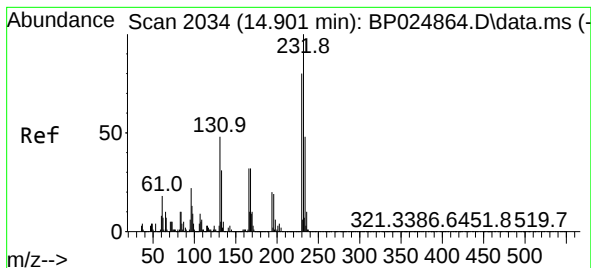
Tgt Ion:165 Resp: 656655
Ion Ratio Lower Upper
165 100
63 44.4 37.0 55.6
89 72.2 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 44.681 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:166 Resp: 1942620
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.6 10.6 16.0

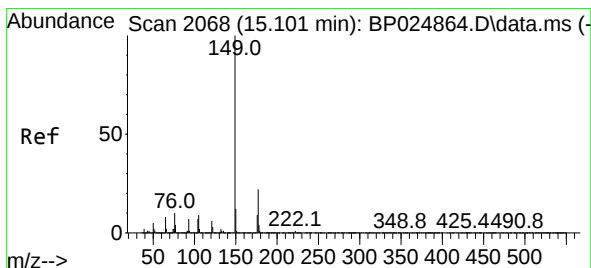
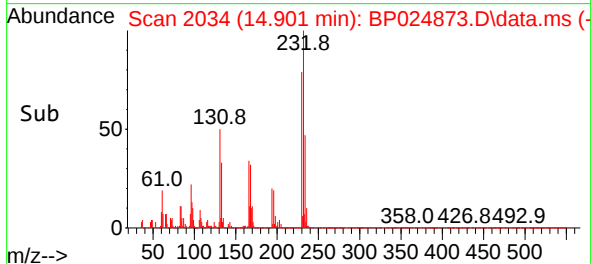
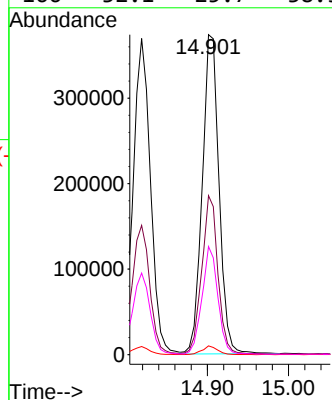
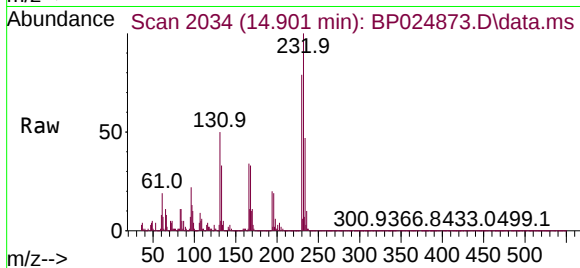




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.912 ng
RT: 14.901 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

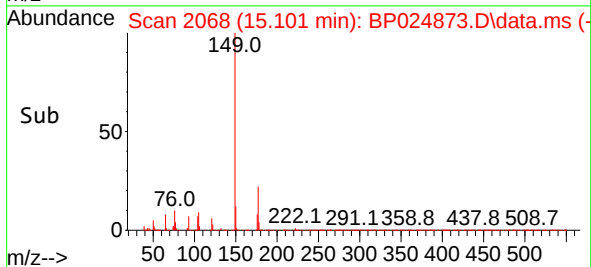
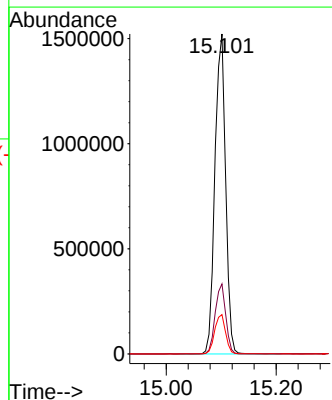
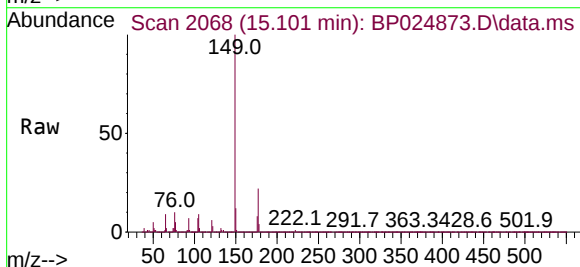
Instrument :
BNA_P
ClientSampleId :
PB168323BS

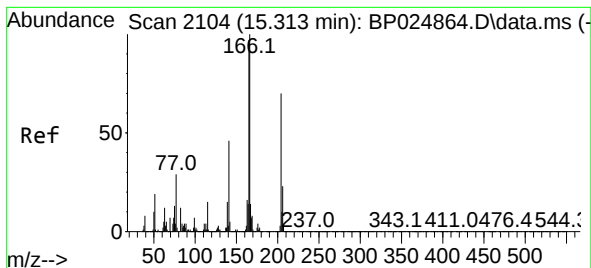
Tgt Ion:232 Resp: 537424
Ion Ratio Lower Upper
232 100
131 47.8 38.2 57.2
130 2.5 2.1 3.1
166 32.1 25.7 38.5



#60
Diethylphthalate
Concen: 44.293 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:149 Resp: 2045901
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.3 9.8 14.6

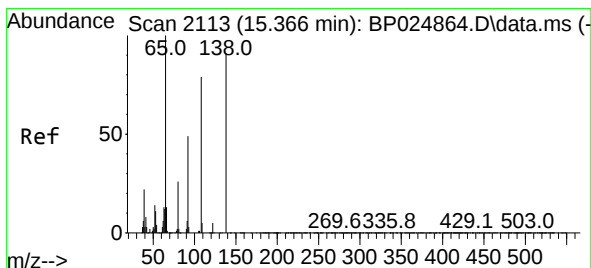
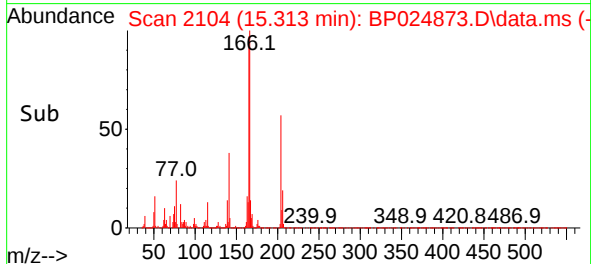
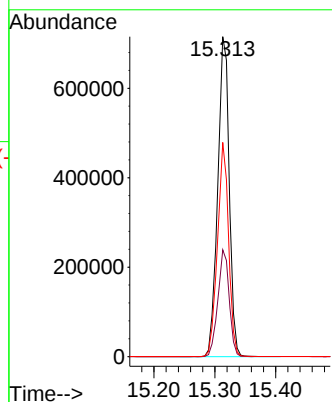
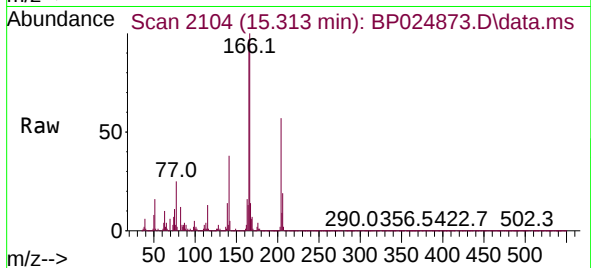




#61
4-Chlorophenyl-phenylether
Concen: 44.135 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

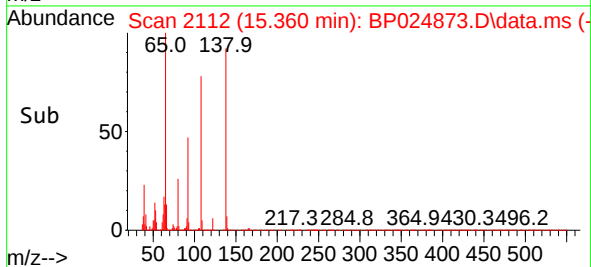
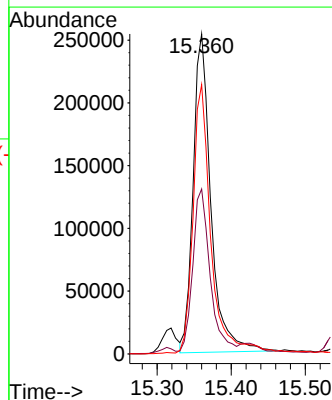
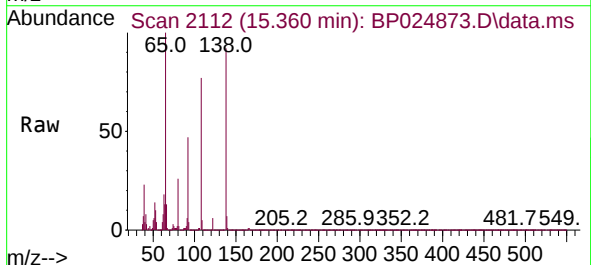
Instrument :
BNA_P
ClientSampleId :
PB168323BS

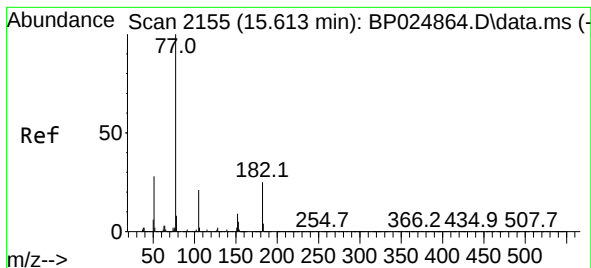
Tgt Ion:204 Resp: 938236
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 66.9 52.4 78.6



#62
4-Nitroaniline
Concen: 45.113 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:138 Resp: 424134
Ion Ratio Lower Upper
138 100
92 51.5 33.5 73.5
108 84.1 65.1 105.1





#63

Azobenzene

Concen: 45.227 ng

RT: 15.607 min Scan# 2155

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

Tgt Ion: 77 Resp: 1915956

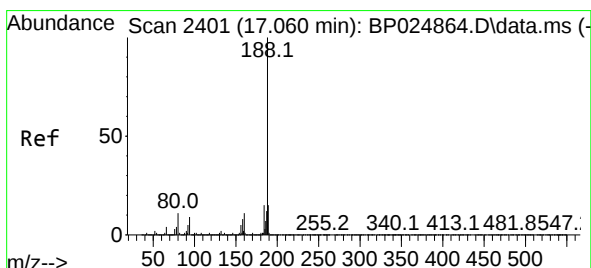
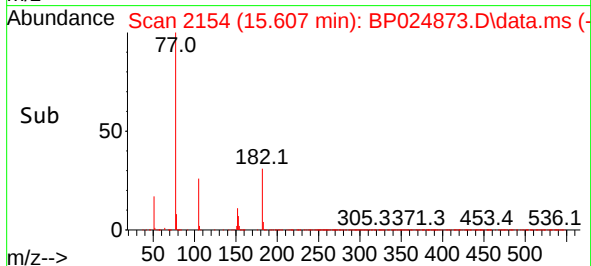
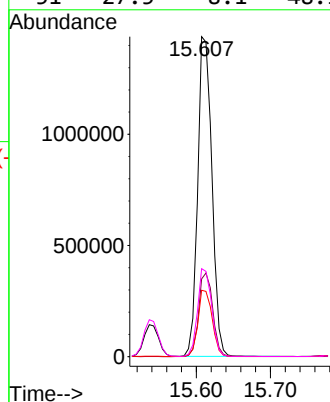
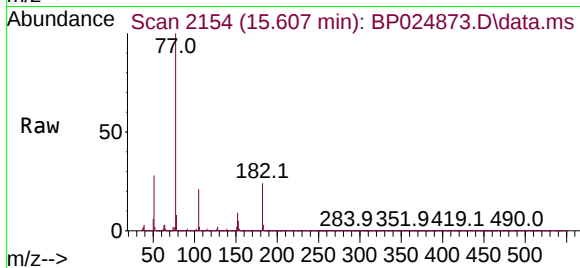
Ion Ratio Lower Upper

77 100

182 24.3 5.4 45.4

105 20.7 0.8 40.8

51 27.5 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

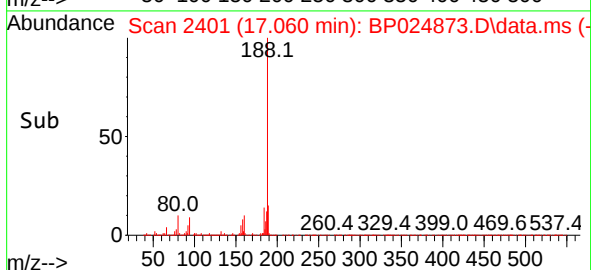
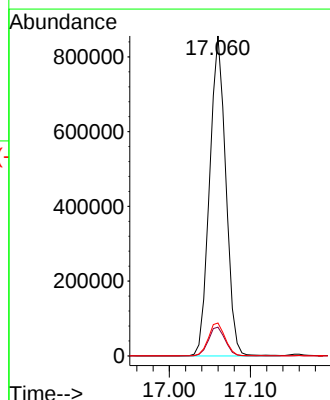
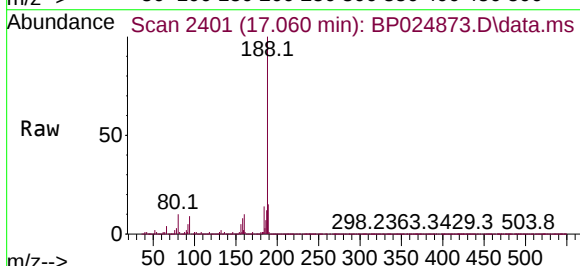
Tgt Ion:188 Resp: 1189376

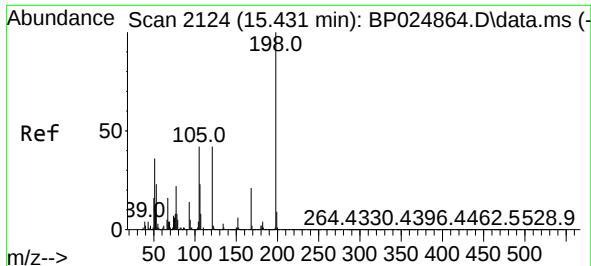
Ion Ratio Lower Upper

188 100

94 9.0 7.3 10.9

80 10.3 8.5 12.7

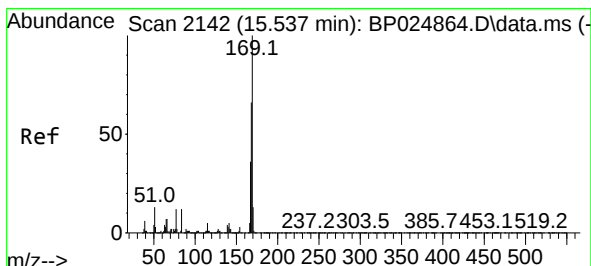
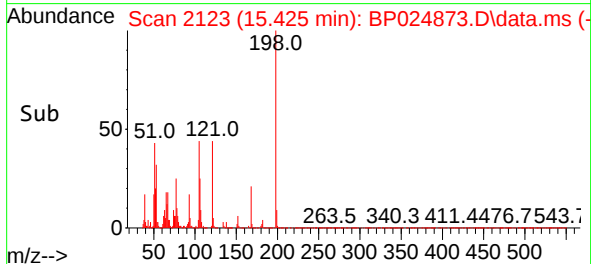
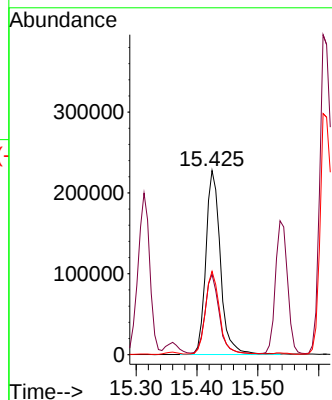
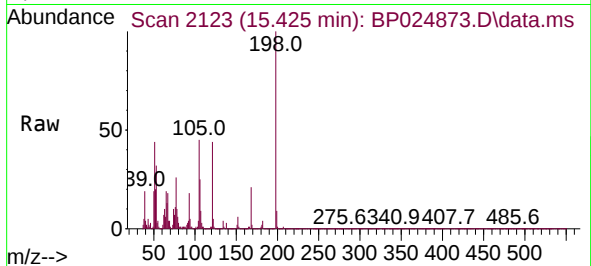




#65
4,6-Dinitro-2-methylphenol
Concen: 48.450 ng
RT: 15.425 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

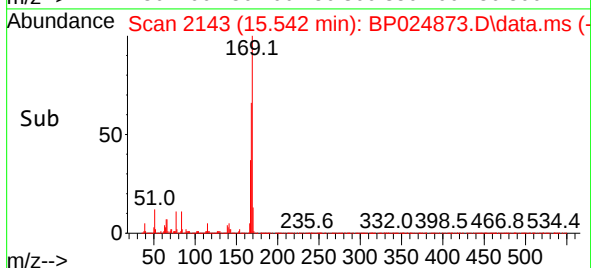
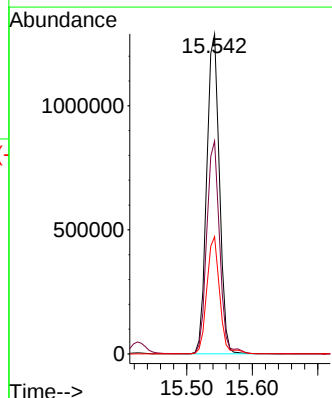
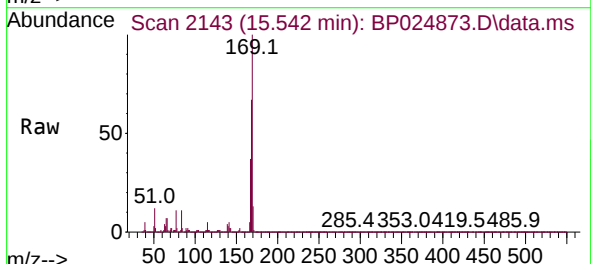
Instrument :
BNA_P
ClientSampleId :
PB168323BS

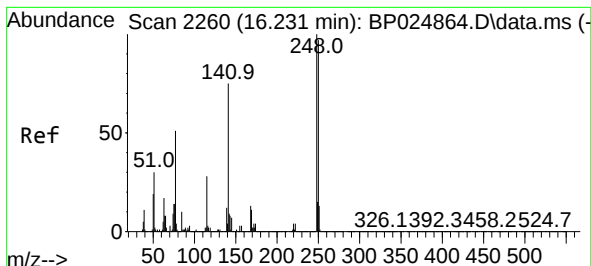
Tgt Ion:198 Resp: 378653
Ion Ratio Lower Upper
198 100
51 43.6 19.2 59.2
105 45.2 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 46.833 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:169 Resp: 1726506
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.6 28.6 43.0

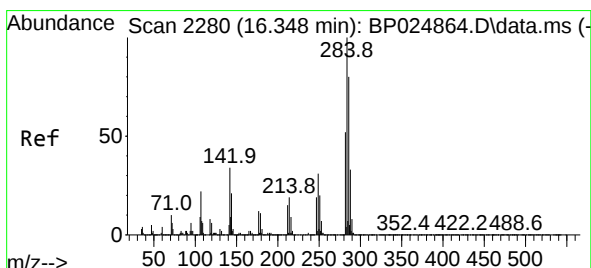
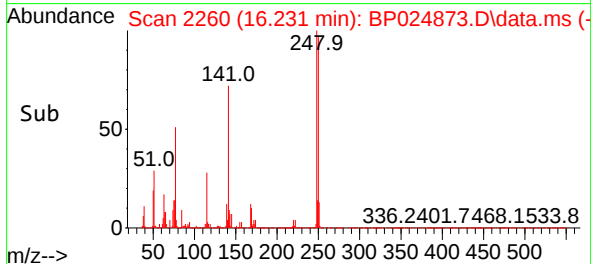
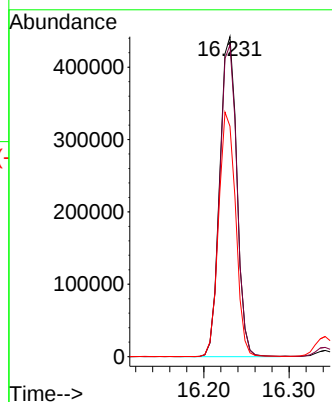
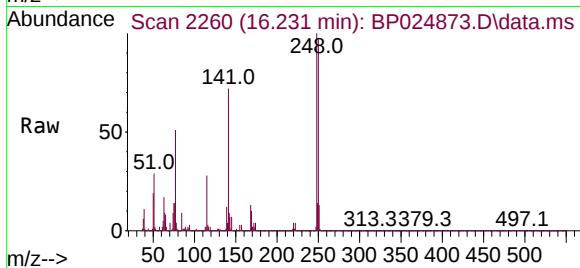




#67
4-Bromophenyl-phenylether
Concen: 45.760 ng
RT: 16.231 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

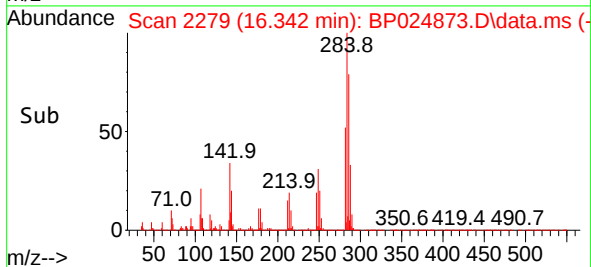
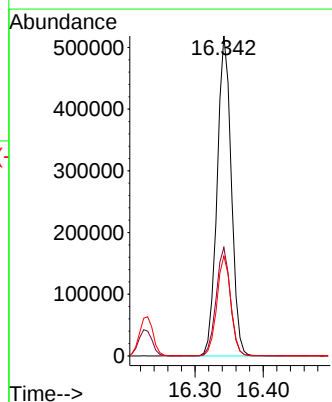
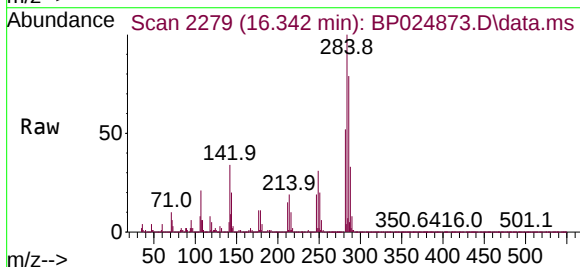
Instrument :
BNA_P
ClientSampleId :
PB168323BS

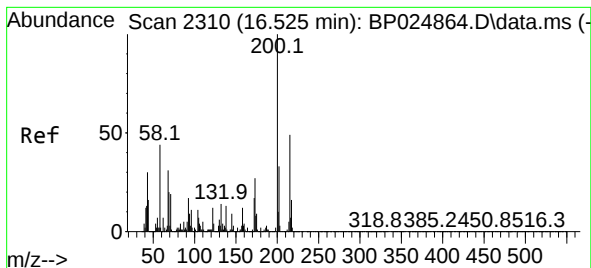
Tgt Ion:248 Resp: 614107
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 72.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 45.626 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:284 Resp: 742281
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 31.2 25.0 37.6





#69

Atrazine

Concen: 46.732 ng

RT: 16.525 min Scan# 2310

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

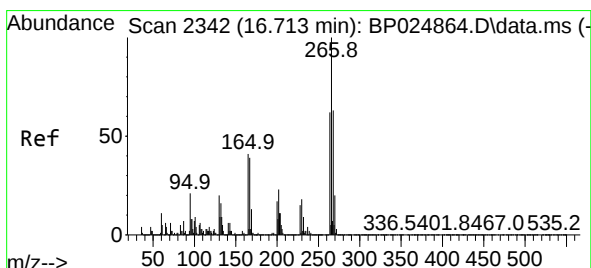
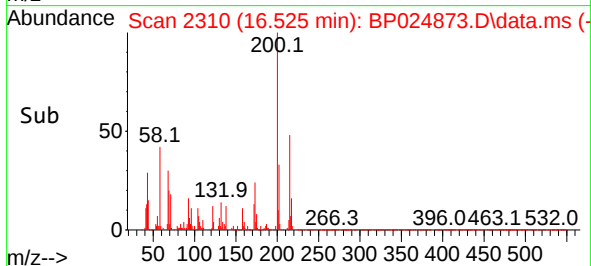
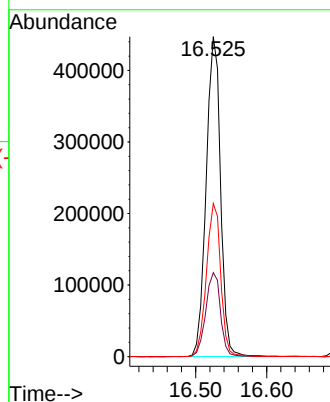
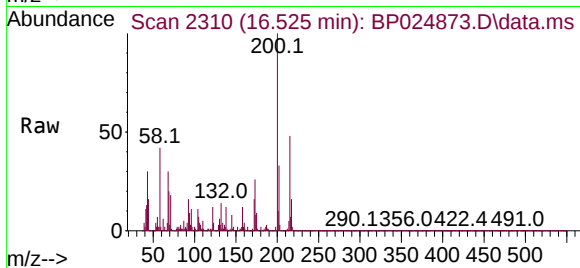
Tgt Ion:200 Resp: 624545

Ion Ratio Lower Upper

200 100

173 26.2 6.9 46.9

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 107.544 ng

RT: 16.713 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

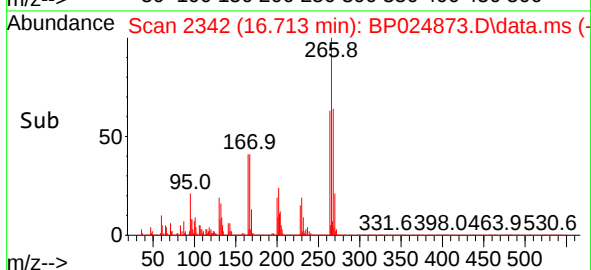
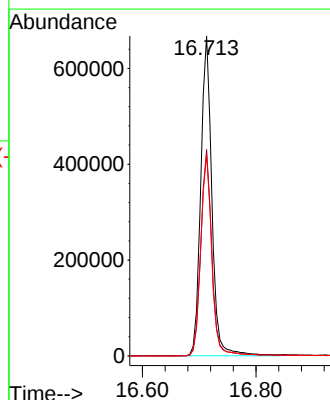
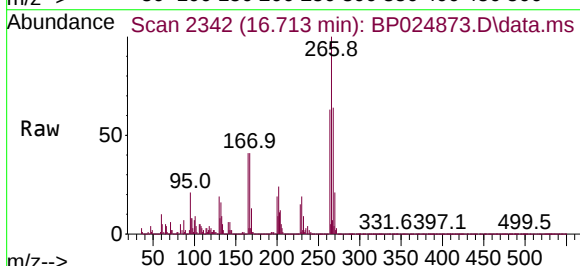
Tgt Ion:266 Resp: 905521

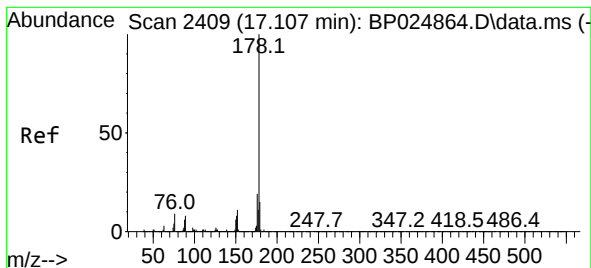
Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

264 63.0 49.7 74.5





#71

Phenanthrene

Concen: 45.769 ng

RT: 17.107 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

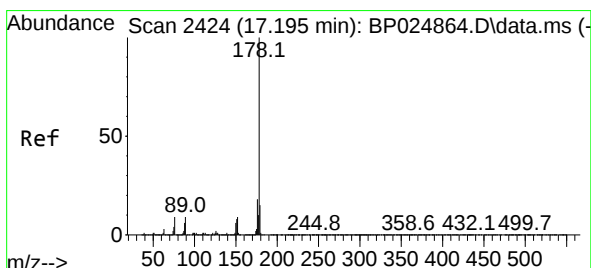
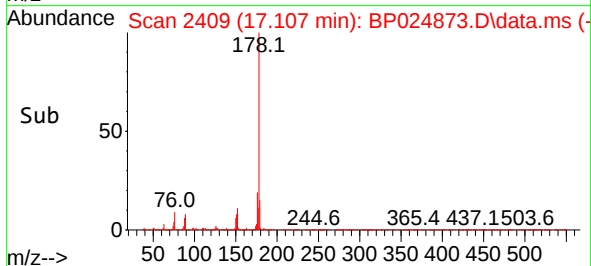
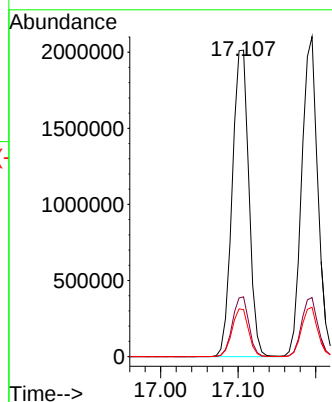
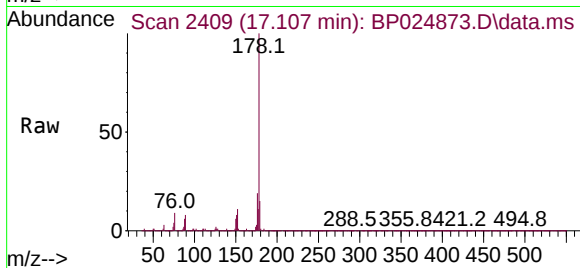
Tgt Ion:178 Resp: 3008256

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 46.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

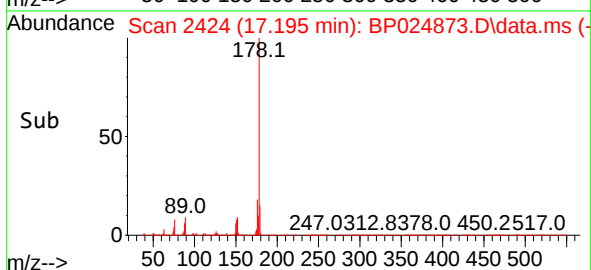
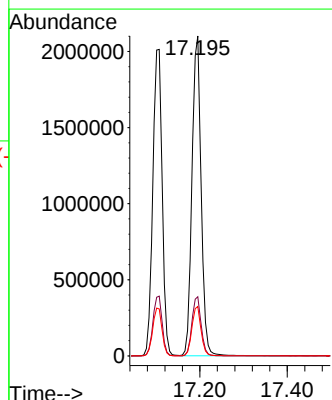
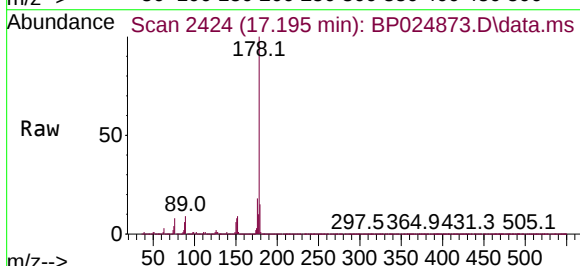
Tgt Ion:178 Resp: 3062015

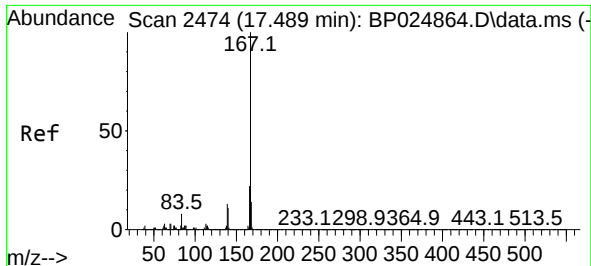
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.5 12.3 18.5

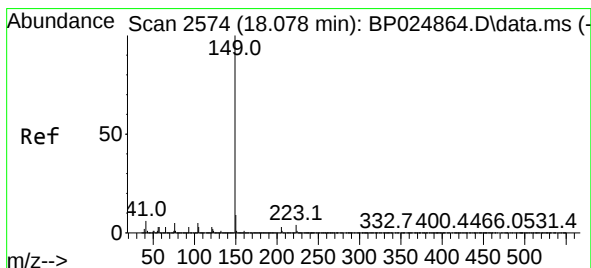
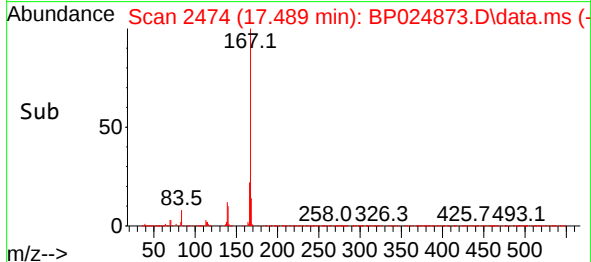
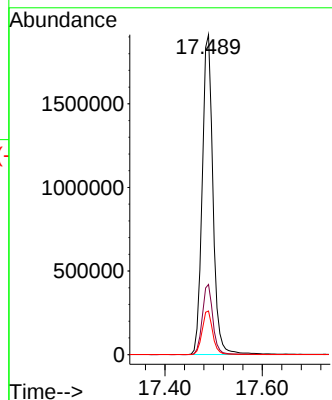
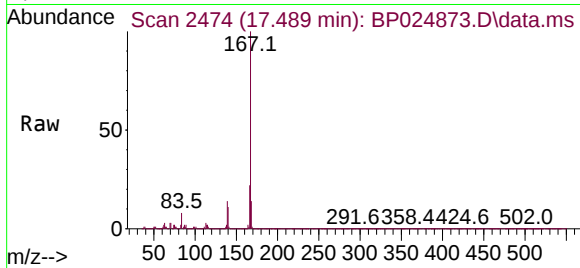




#73
 Carbazole
 Concen: 47.362 ng
 RT: 17.489 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

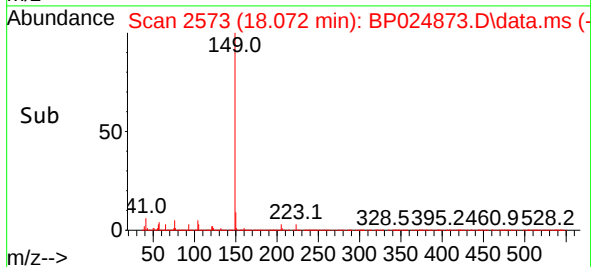
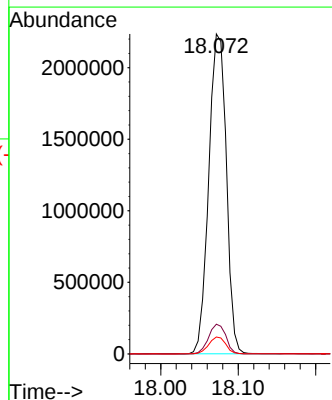
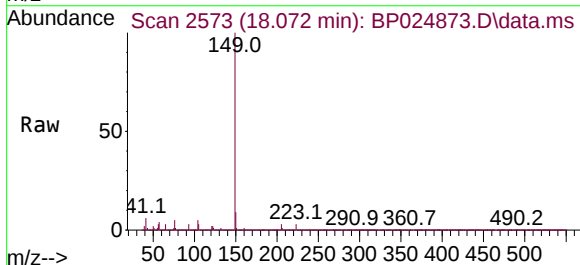
Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

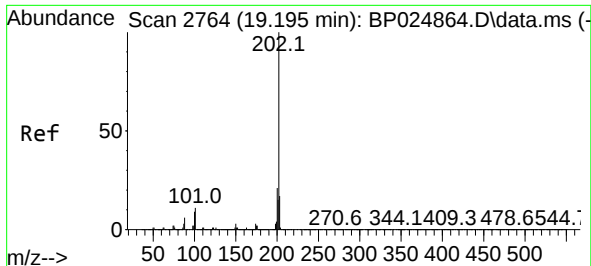
Tgt Ion:167 Resp: 2922226
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.080 ng
 RT: 18.072 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

Tgt Ion:149 Resp: 3522628
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.2 6.2

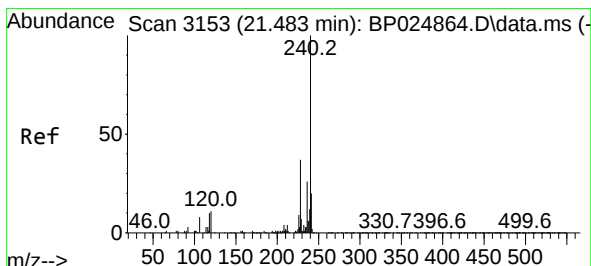
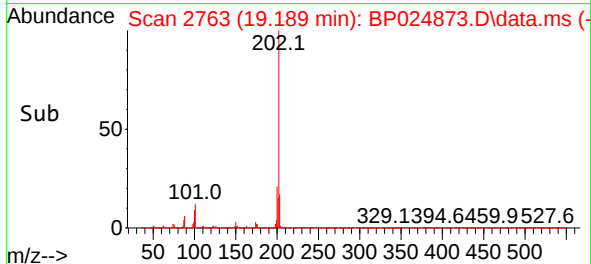
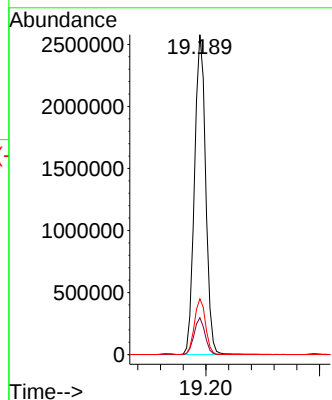
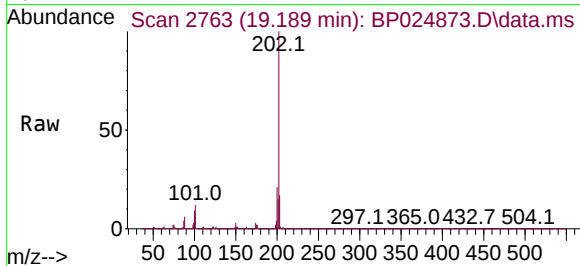




#75
Fluoranthene
Concen: 45.886 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

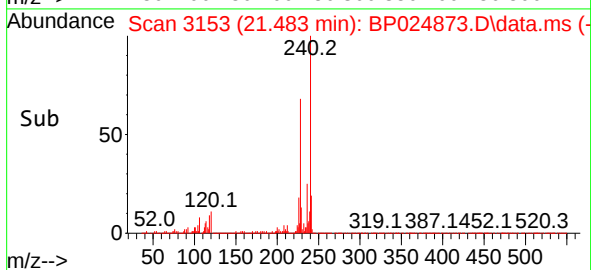
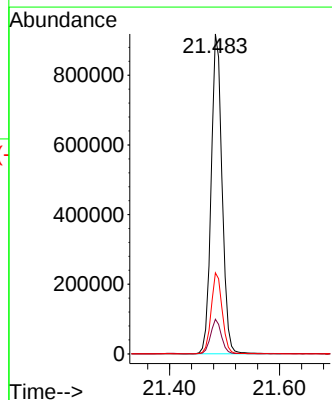
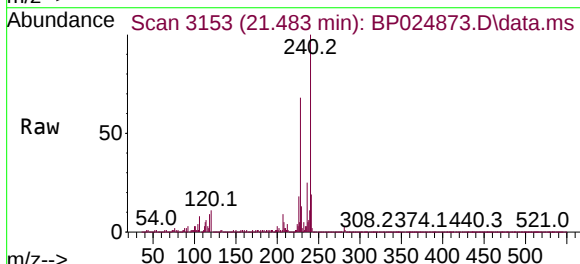
Instrument :
BNA_P
ClientSampleId :
PB168323BS

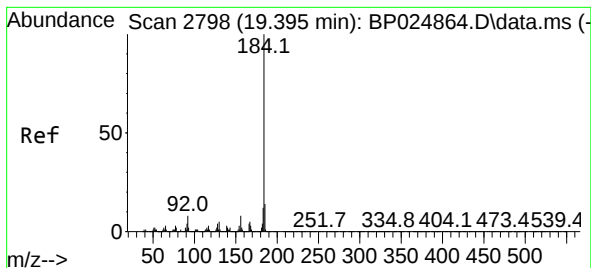
Tgt Ion:202 Resp: 3495628
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:240 Resp: 1268867
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.3 20.9 31.3





#77

Benzidine

Concen: 40.763 ng

RT: 19.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

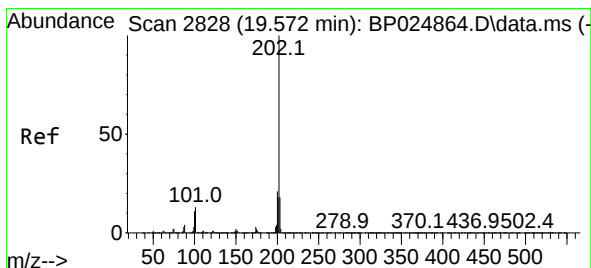
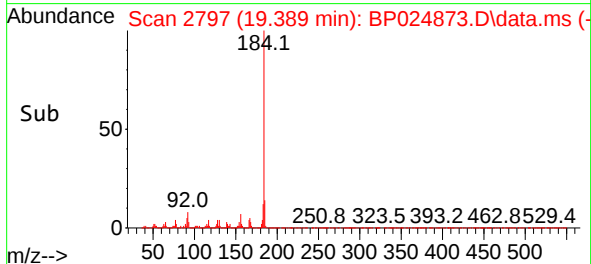
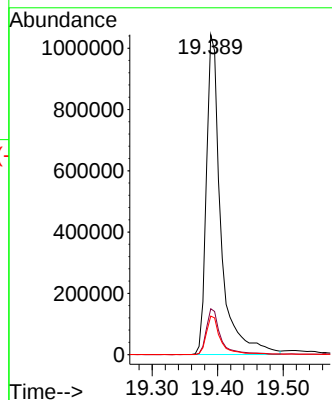
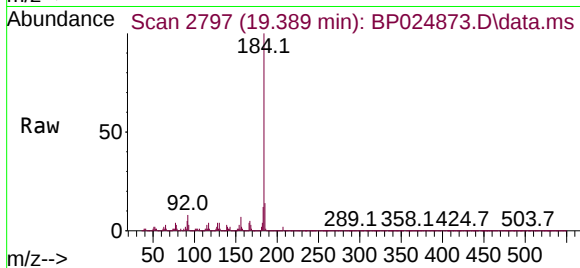
Tgt Ion:184 Resp: 1601949

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 12.0 9.5 14.3



#78

Pyrene

Concen: 46.249 ng

RT: 19.566 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

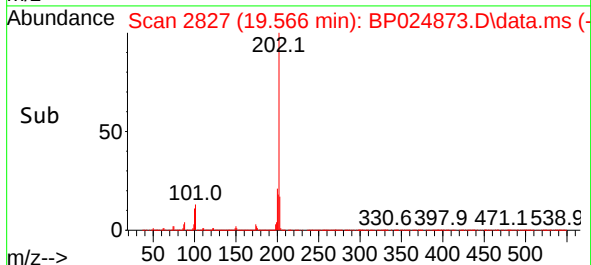
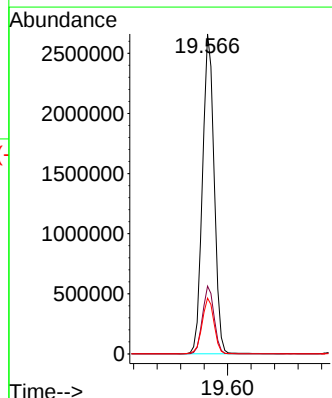
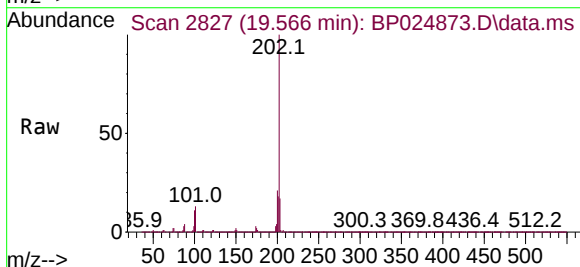
Tgt Ion:202 Resp: 3666214

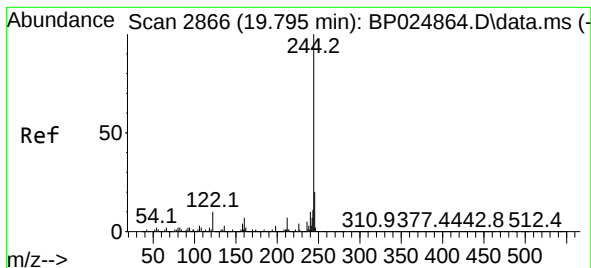
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 79.230 ng

RT: 19.777 min Scan# 2863

Delta R.T. -0.018 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

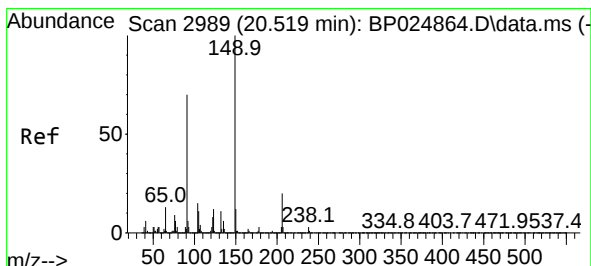
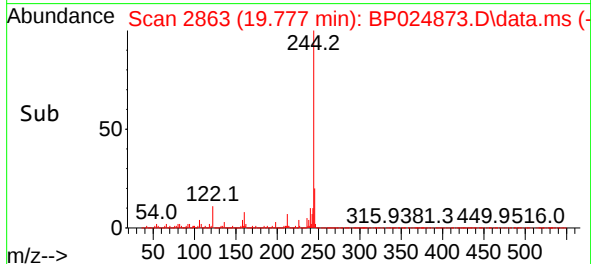
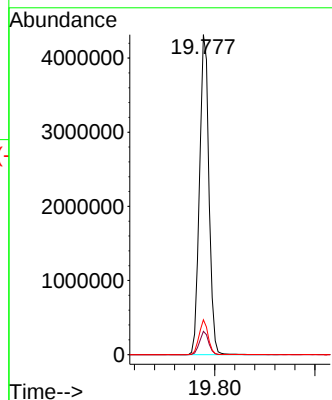
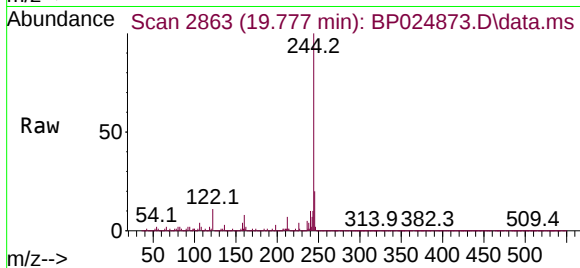
Tgt Ion:244 Resp: 5609281

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.9 7.7 11.5



#80

Butylbenzylphthalate

Concen: 46.444 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

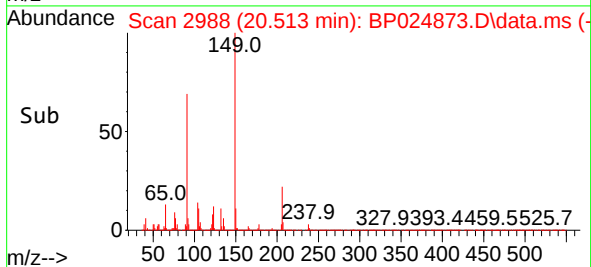
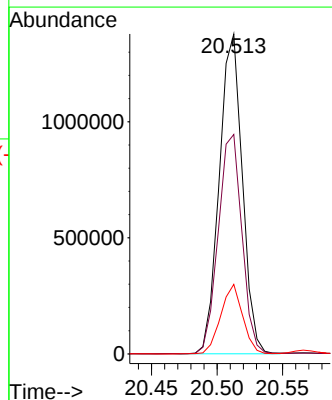
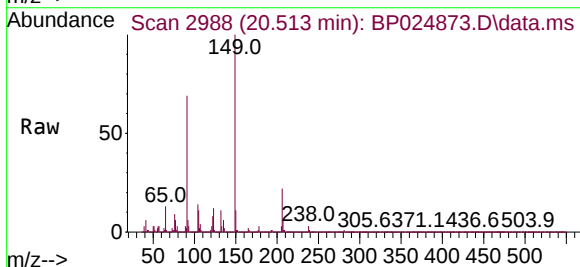
Tgt Ion:149 Resp: 1686399

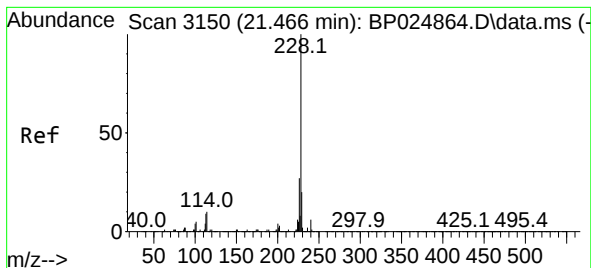
Ion Ratio Lower Upper

149 100

91 68.6 55.8 83.8

206 21.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.589 ng

RT: 21.472 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

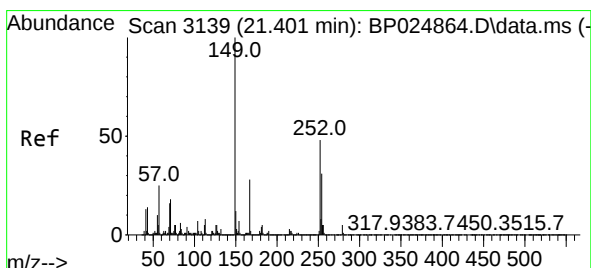
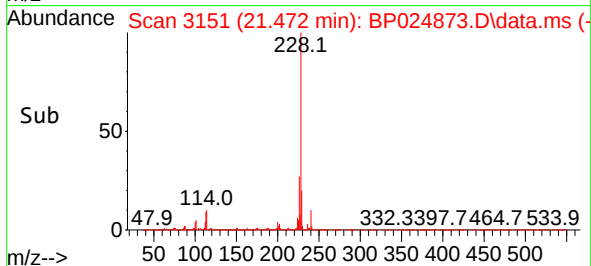
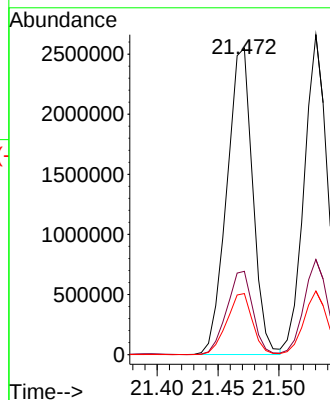
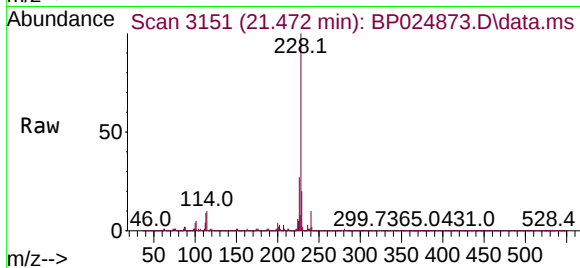
Tgt Ion:228 Resp: 3780920

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 26.391 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

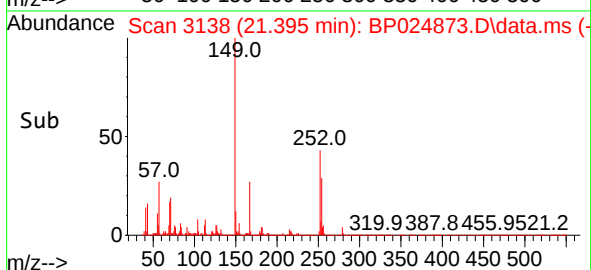
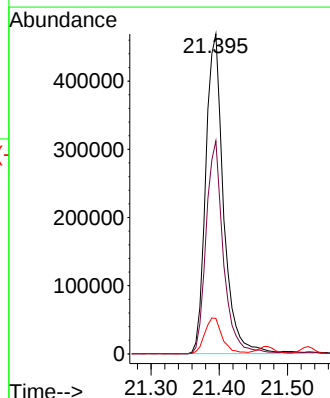
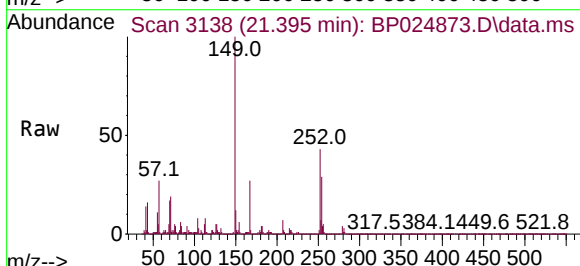
Tgt Ion:252 Resp: 850267

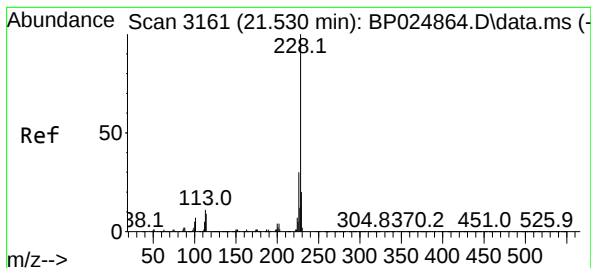
Ion Ratio Lower Upper

252 100

254 66.6 51.2 76.8

126 11.1 8.6 12.8





#83

Chrysene

Concen: 46.428 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

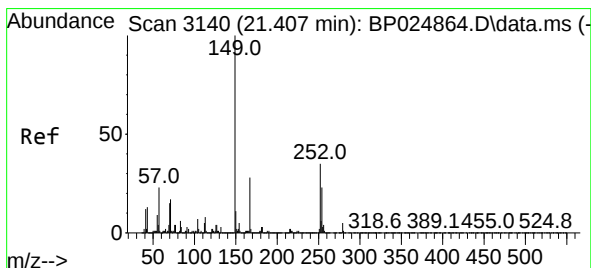
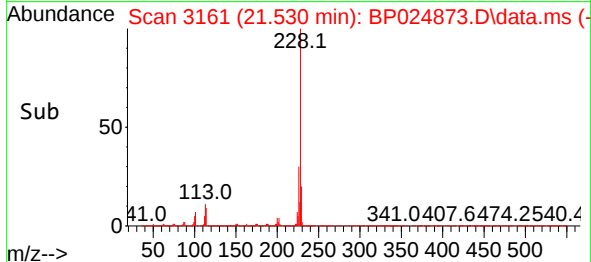
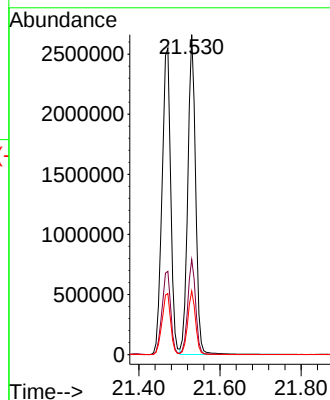
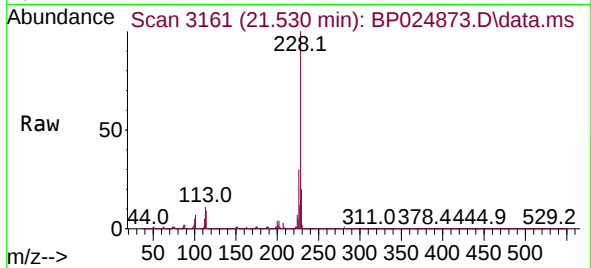
Tgt Ion:228 Resp: 3570095

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.541 ng

RT: 21.407 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

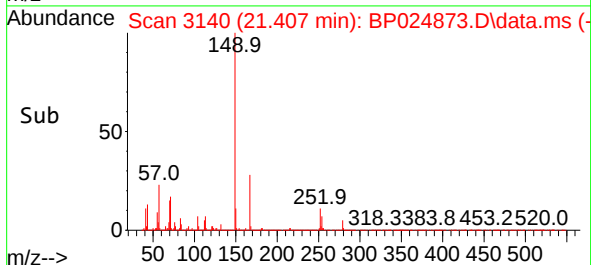
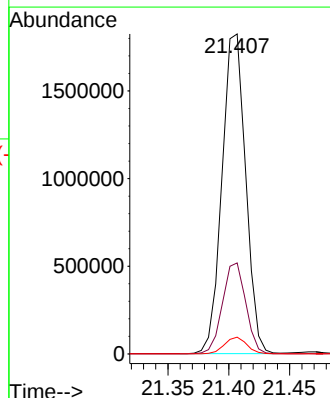
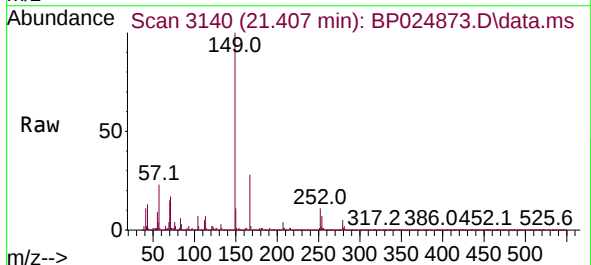
Tgt Ion:149 Resp: 2473280

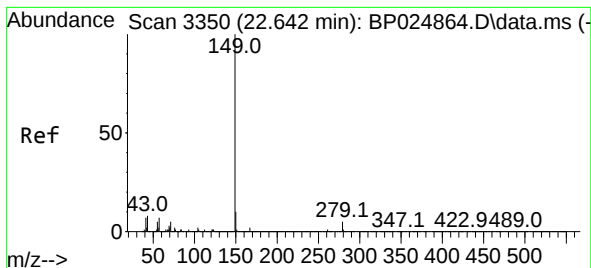
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.117 ng

RT: 22.642 min Scan# 3350

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

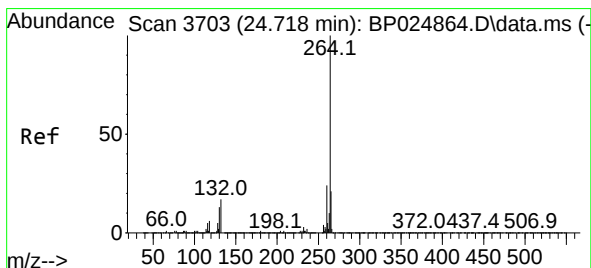
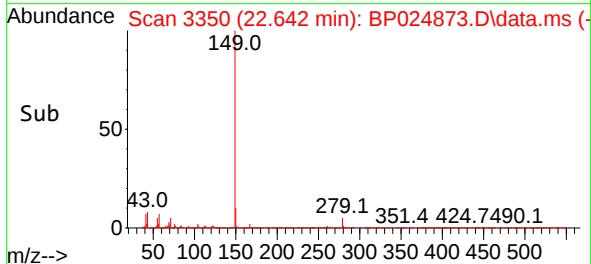
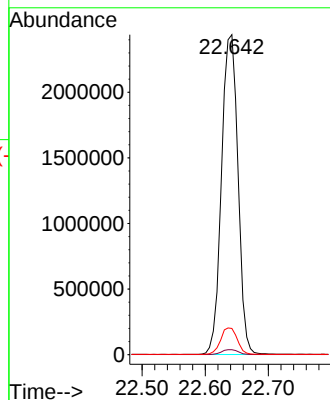
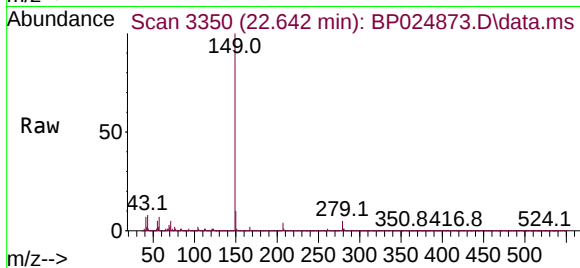
Tgt Ion:149 Resp: 4412263

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.724 min Scan# 3704

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

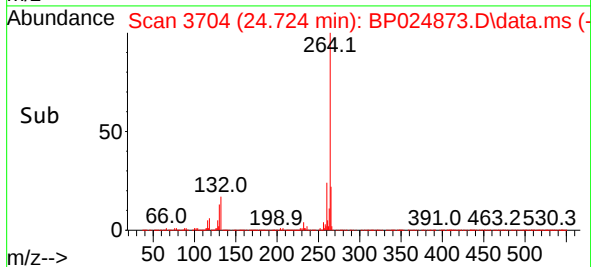
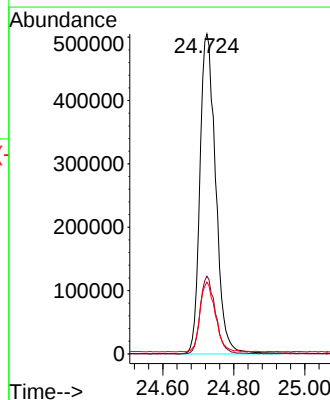
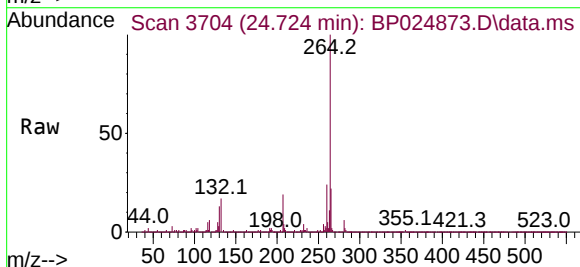
Tgt Ion:264 Resp: 1547954

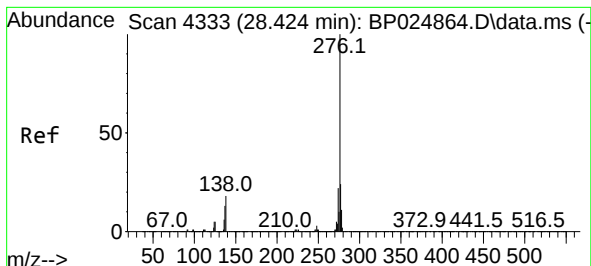
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.356 ng

RT: 28.389 min Scan# 4333

Delta R.T. -0.035 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

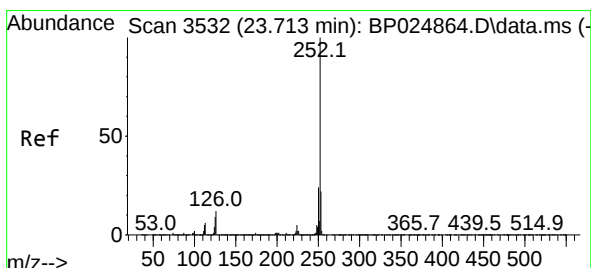
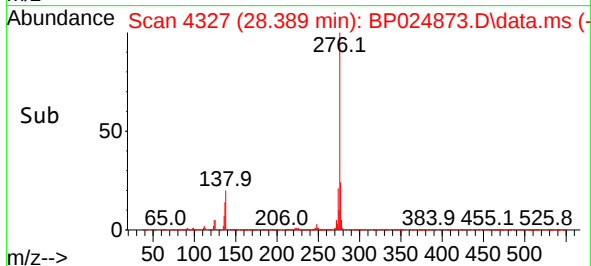
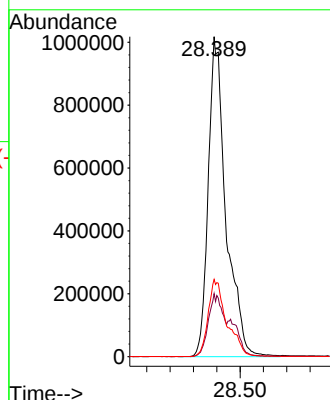
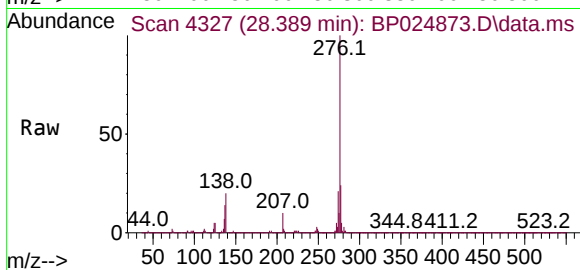
Tgt Ion:276 Resp: 5348458

Ion Ratio Lower Upper

276 100

138 16.3 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.301 ng

RT: 23.713 min Scan# 3532

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

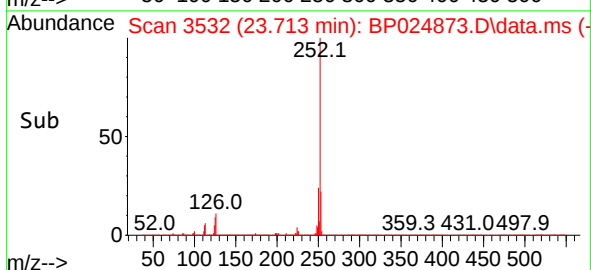
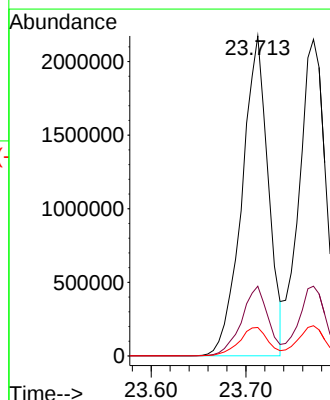
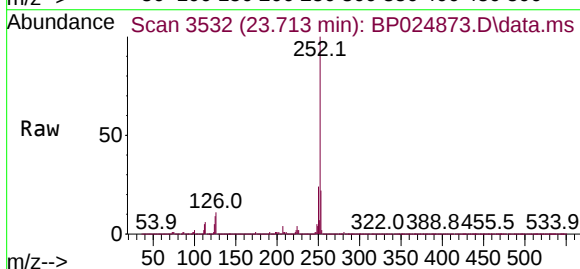
Tgt Ion:252 Resp: 4190360

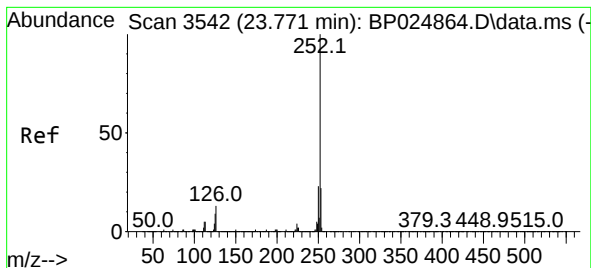
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.480 ng

RT: 23.771 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

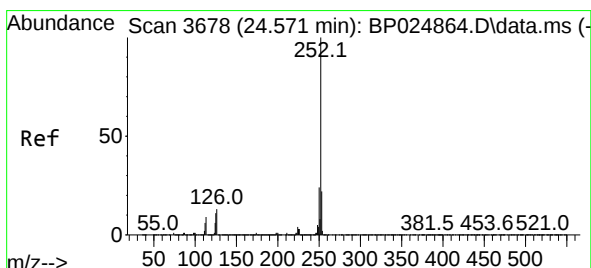
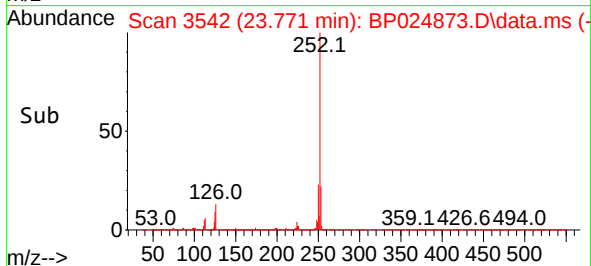
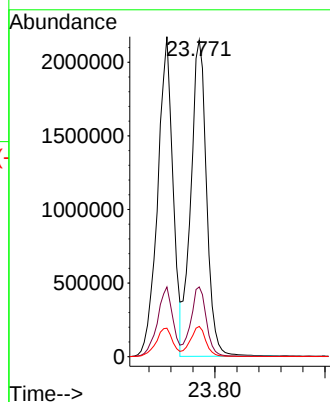
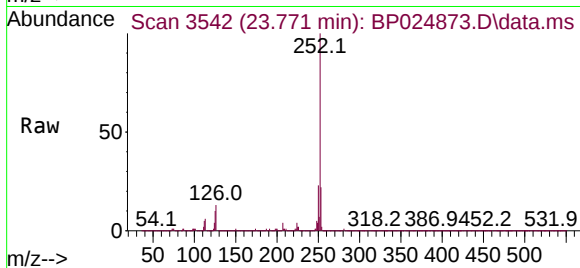
Tgt Ion:252 Resp: 4281583

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.699 ng

RT: 24.577 min Scan# 3679

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

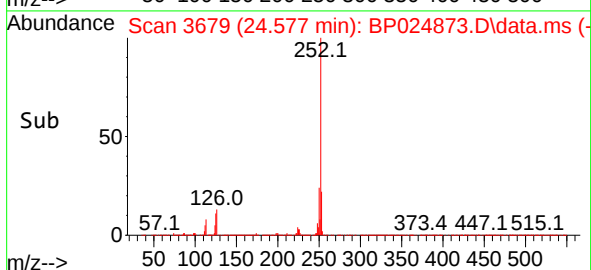
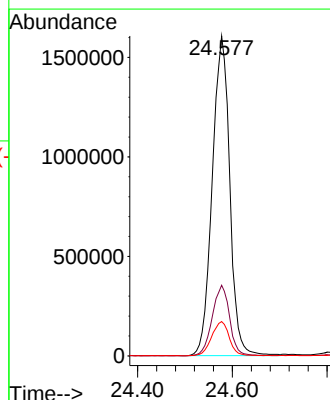
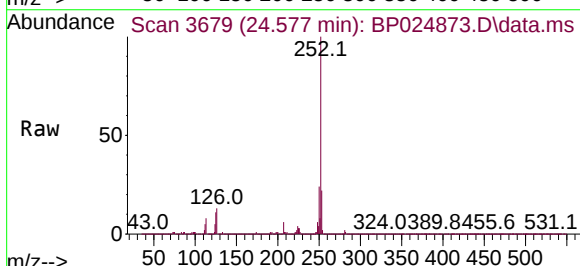
Tgt Ion:252 Resp: 4126678

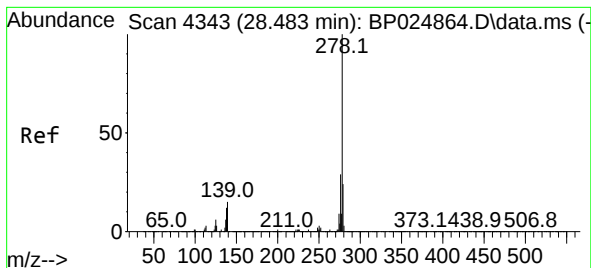
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 47.615 ng

RT: 28.465 min Scan# 4343

Delta R.T. -0.018 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

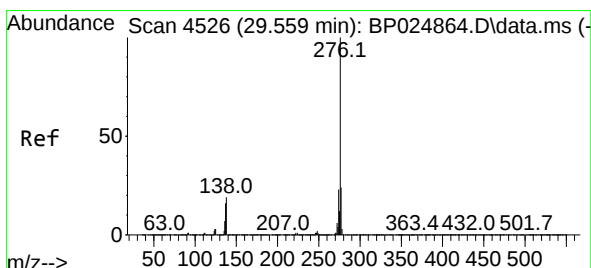
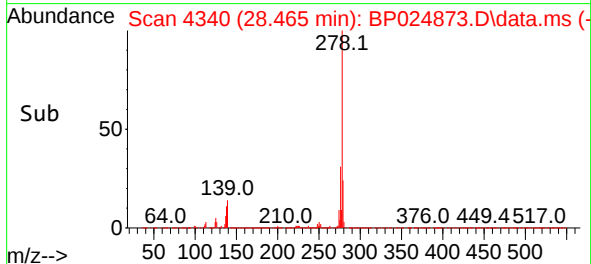
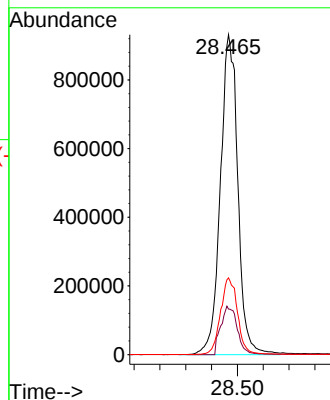
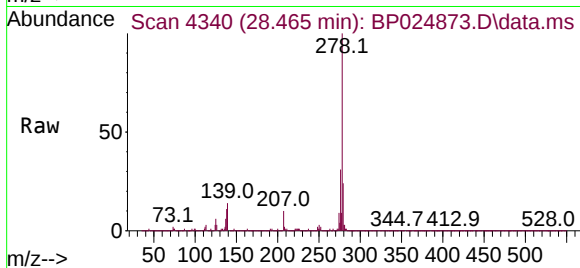
Tgt Ion:278 Resp: 4377382

Ion Ratio Lower Upper

278 100

139 14.2 12.0 18.0

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.614 ng

RT: 29.553 min Scan# 4525

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion:276 Resp: 4343110

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 19.2 15.4 23.2

