

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024973.D
 Acq On : 17 Jun 2025 13:16
 Operator : RC/JU
 Sample : PB168486BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168486BS

Quant Time: Jun 17 19:14:41 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	262258	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1000634	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	627502	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1228054	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1317314	20.000	ng	0.01
86) Perylene-d12	24.771	264	1539899	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2425910	154.403	ng	0.00
7) Phenol-d6	6.819	99	2981805	143.438	ng	0.00
23) Nitrobenzene-d5	8.760	82	1830126	88.875	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1343729	154.887	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4037448	86.676	ng	0.00
79) Terphenyl-d14	19.783	244	6754620	91.899	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	283654	41.030	ng	100
3) Pyridine	3.561	79	735407	44.233	ng	100
4) n-Nitrosodimethylamine	3.478	42	322124	47.392	ng	96
6) Aniline	6.955	93	820379	30.924	ng	99
8) 2-Chlorophenol	7.190	128	920009	51.653	ng	99
9) Benzaldehyde	6.766	77	615366	51.357	ng	99
10) Phenol	6.849	94	1073070	50.073	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	824549	48.919	ng	99
12) 1,3-Dichlorobenzene	7.496	146	967276	48.681	ng	98
13) 1,4-Dichlorobenzene	7.643	146	981852	48.974	ng	100
14) 1,2-Dichlorobenzene	7.955	146	932158	47.349	ng	100
15) Benzyl Alcohol	7.861	79	782208	49.028	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1046905	47.455	ng	99
17) 2-Methylphenol	8.072	107	736990	49.248	ng	98
18) Hexachloroethane	8.666	117	365226	48.387	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	624926	44.221	ng	99
20) 3+4-Methylphenols	8.402	107	972181	47.616	ng	97
22) Acetophenone	8.431	105	1245747	49.275	ng	# 99
24) Nitrobenzene	8.808	77	930164	50.846	ng	99
25) Isophorone	9.325	82	1734523	48.602	ng	100
26) 2-Nitrophenol	9.507	139	480635	53.249	ng	99
27) 2,4-Dimethylphenol	9.584	122	807453	52.270	ng	99
28) bis(2-Chloroethoxy)met...	9.802	93	1066424	50.094	ng	99
29) 2,4-Dichlorophenol	10.060	162	803600	54.216	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	839774	50.232	ng	99
31) Naphthalene	10.431	128	2536060	49.456	ng	100
32) Benzoic acid	9.790	122	580629	55.621	ng	96
33) 4-Chloroaniline	10.560	127	581063	27.047	ng	98
34) Hexachlorobutadiene	10.702	225	514698	51.081	ng	99
35) Caprolactam	11.360	113	289854	53.125	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	908570	53.144	ng	97
37) 2-Methylnaphthalene	12.049	142	1625029	49.959	ng	100
38) 1-Methylnaphthalene	12.266	142	1700101	48.888	ng	100
40) 1,2,4,5-Tetrachloroben...	12.425	216	894277	50.224	ng	99
41) Hexachlorocyclopentadiene	12.396	237	1024682	94.351	ng	100
43) 2,4,6-Trichlorophenol	12.684	196	636342	53.216	ng	98

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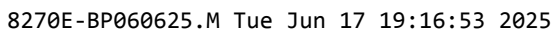
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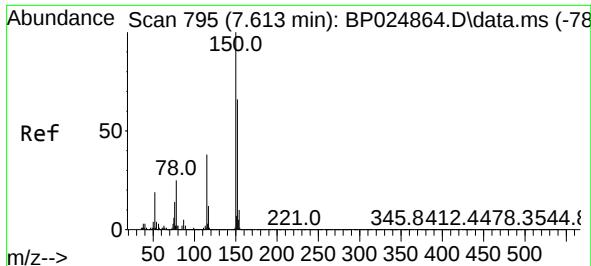
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	683454	53.370	ng	98
46) 1,1'-Biphenyl	13.072	154	2259112	49.540	ng	99
47) 2-Chloronaphthalene	13.113	162	1743511	49.745	ng	99
48) 2-Nitroaniline	13.337	65	571413	53.030	ng	97
49) Acenaphthylene	13.972	152	2926016	50.069	ng	100
50) Dimethylphthalate	13.707	163	2352118	50.813	ng	99
51) 2,6-Dinitrotoluene	13.837	165	522966	52.406	ng	98
52) Acenaphthene	14.313	154	1665196	49.726	ng	99
53) 3-Nitroaniline	14.184	138	317871	30.695	ng	97
54) 2,4-Dinitrophenol	14.407	184	682194	103.248	ng	99
55) Dibenzofuran	14.660	168	2628419	48.897	ng	99
56) 4-Nitrophenol	14.554	139	767379	87.020	ng	98
57) 2,4-Dinitrotoluene	14.648	165	735621	52.698	ng	96
58) Fluorene	15.319	166	2195484	50.560	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	604858	52.864	ng	99
60) Diethylphthalate	15.095	149	2417840	52.410	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1055844	49.729	ng	97
62) 4-Nitroaniline	15.372	138	508640	54.169	ng	93
63) Azobenzene	15.613	77	2194451	51.866	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	443066	54.907	ng	97
66) n-Nitrosodiphenylamine	15.537	169	1953998	51.335	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	712962	51.453	ng	97
68) Hexachlorobenzene	16.348	284	828852	49.342	ng	98
69) Atrazine	16.519	200	757263	54.879	ng	99
70) Pentachlorophenol	16.719	266	1045984	120.314	ng	99
71) Phenanthrene	17.101	178	3401627	50.124	ng	99
72) Anthracene	17.195	178	3477600	50.598	ng	100
73) Carbazole	17.484	167	3352362	52.622	ng	100
74) Di-n-butylphthalate	18.066	149	4328604	54.840	ng	100
75) Fluoranthene	19.189	202	4059265	51.607	ng	99
77) Benzidine	19.395	184	2093970	51.324	ng	99
78) Pyrene	19.572	202	4270712	51.893	ng	100
80) Butylbenzylphthalate	20.519	149	2091739	55.488	ng	96
81) Benzo(a)anthracene	21.477	228	4342441	51.541	ng	100
82) 3,3'-Dichlorobenzidine	21.407	252	1204925	36.023	ng	99
83) Chrysene	21.548	228	4105653	51.429	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	3066292	56.772	ng	99
85) Di-n-octyl phthalate	22.648	149	5284716	55.512	ng	100
87) Indeno(1,2,3-cd)pyrene	28.489	276	5757662	51.246	ng	# 87
88) Benzo(b)fluoranthene	23.736	252	4492428	50.976	ng	99
89) Benzo(k)fluoranthene	23.807	252	4613063	51.424	ng	99
90) Benzo(a)pyrene	24.618	252	4448729	51.690	ng	100
91) Dibenzo(a,h)anthracene	28.554	278	4697171	51.361	ng	100
92) Benzo(g,h,i)perylene	29.653	276	4601614	50.712	ng	98

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

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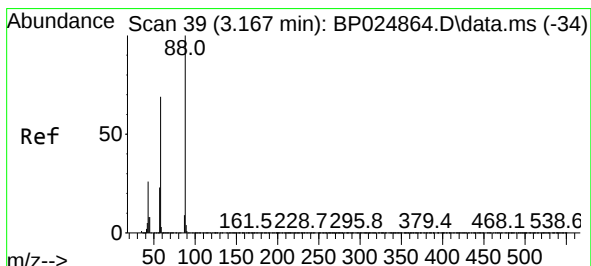
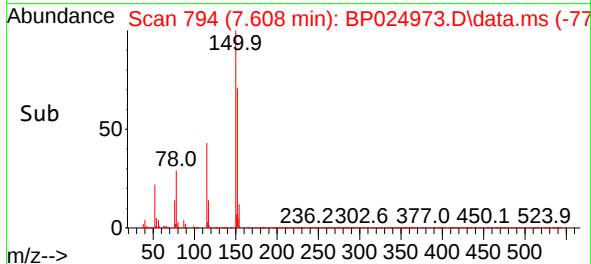
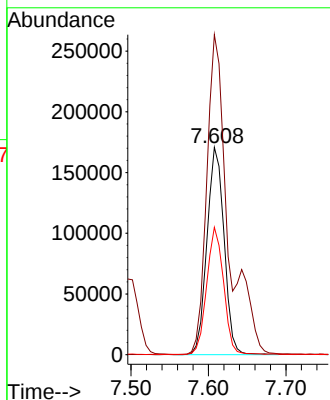
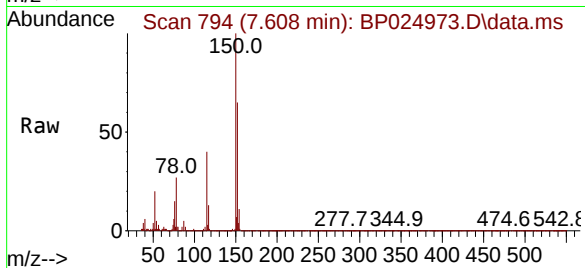




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024973.D
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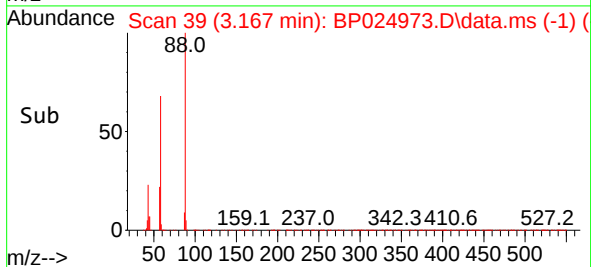
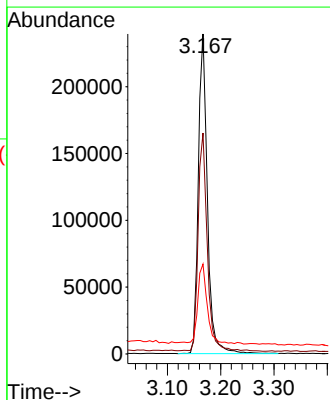
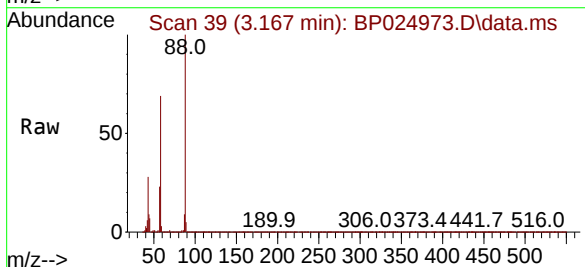
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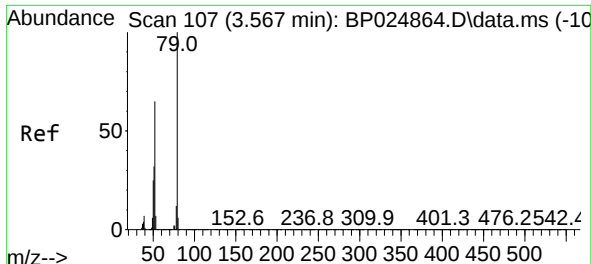
Tgt Ion:152 Resp: 262258
Ion Ratio Lower Upper
152 100
150 154.3 122.1 183.1
115 61.4 46.4 69.6



#2
1,4-Dioxane
Concen: 41.030 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 88 Resp: 283654
Ion Ratio Lower Upper
88 100
58 69.0 55.4 83.0
43 25.5 20.8 31.2

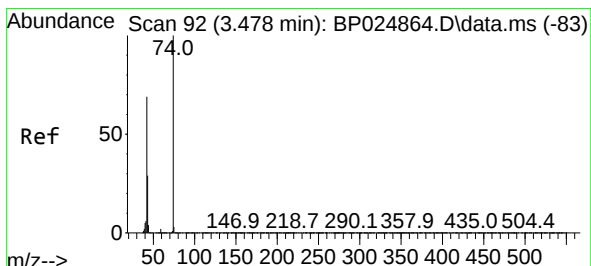
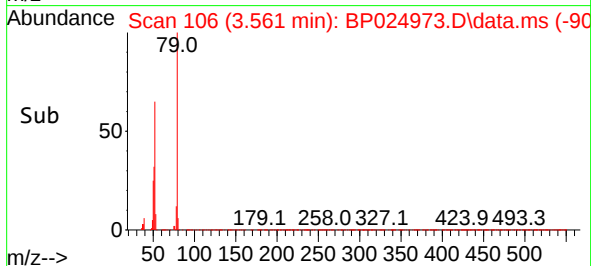
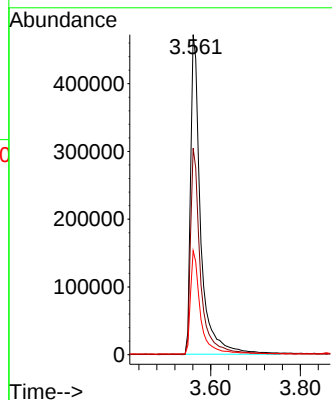
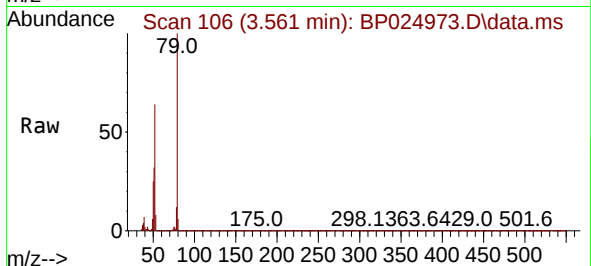




#3
Pyridine
Concen: 44.233 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

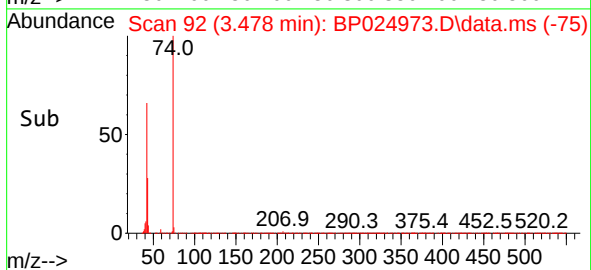
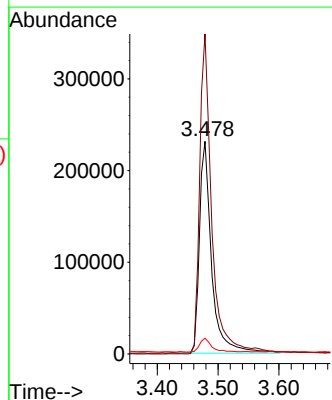
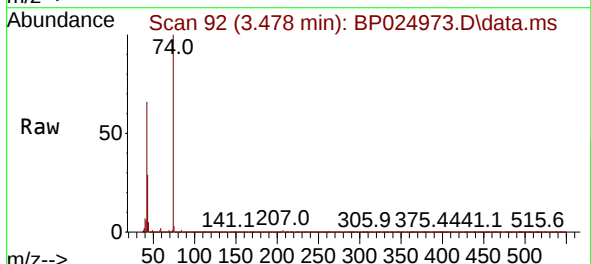
Instrument :
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ClientSampleId :
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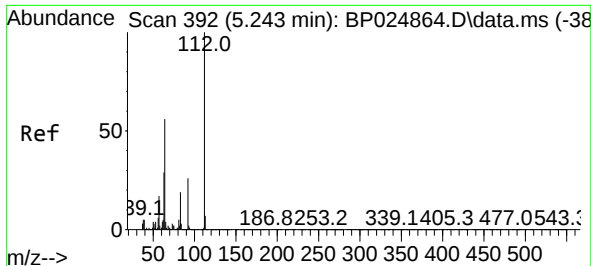
Tgt Ion: 79 Resp: 735407
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 32.5 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 47.392 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 42 Resp: 322124
Ion Ratio Lower Upper
42 100
74 150.5 116.6 174.8
44 7.4 5.4 8.0

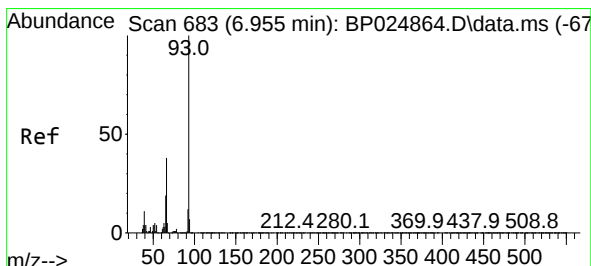
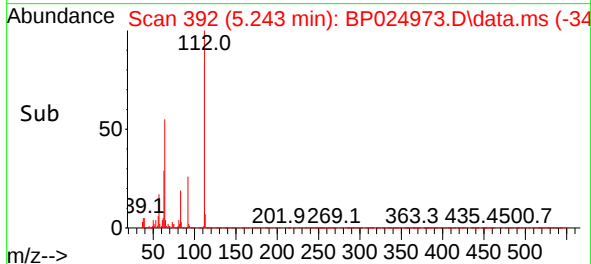
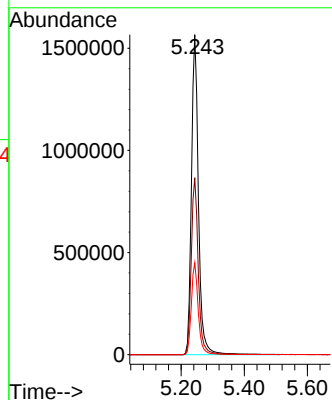
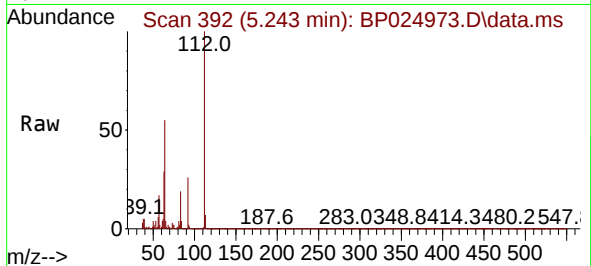




#5
2-Fluorophenol
Concen: 154.403 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

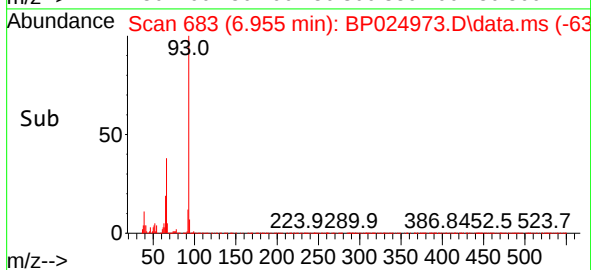
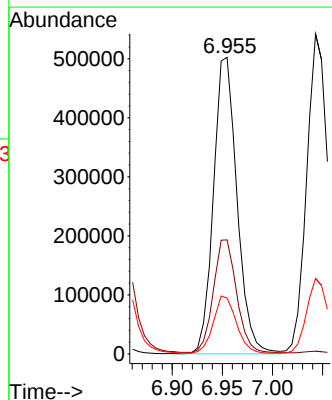
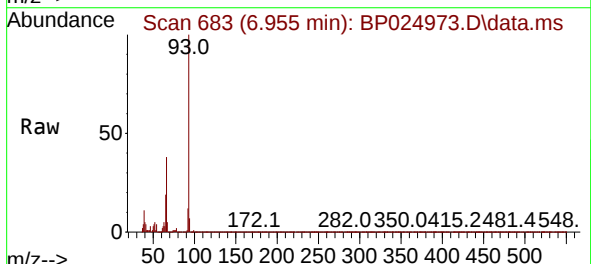
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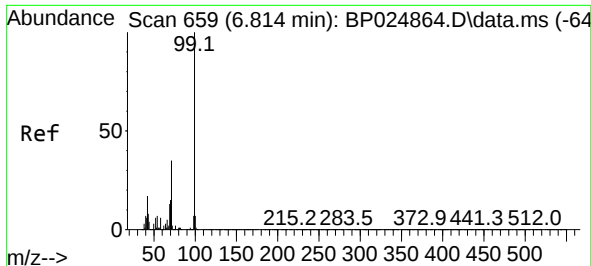
Tgt Ion:112 Resp: 2425910
Ion Ratio Lower Upper
112 100
64 55.3 44.7 67.1
63 28.7 23.5 35.3



#6
Aniline
Concen: 30.924 ng
RT: 6.955 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 93 Resp: 820379
Ion Ratio Lower Upper
93 100
66 38.5 30.9 46.3
65 18.8 15.5 23.3

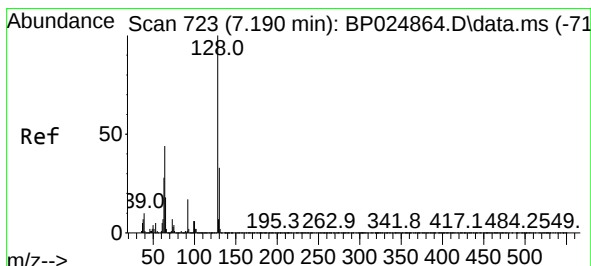
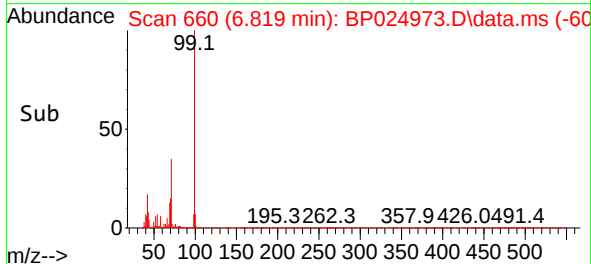
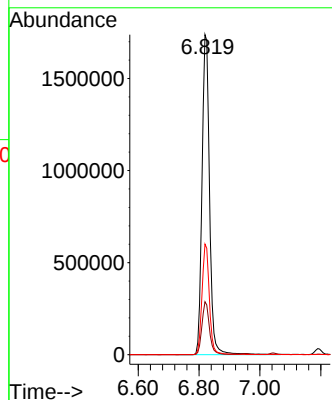
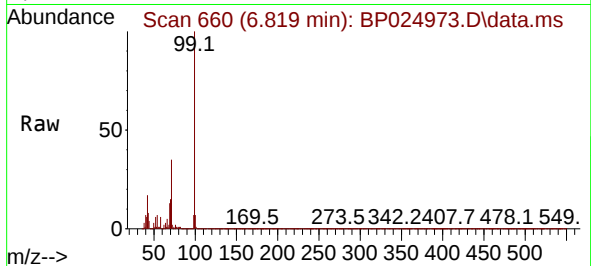




#7
Phenol-d6
Concen: 143.438 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

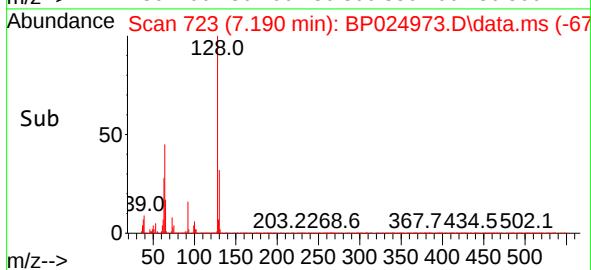
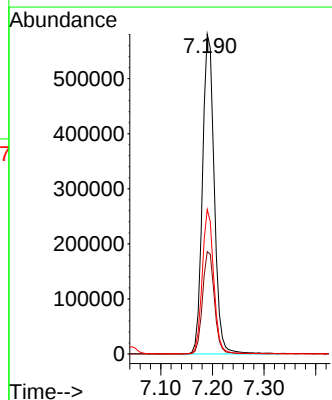
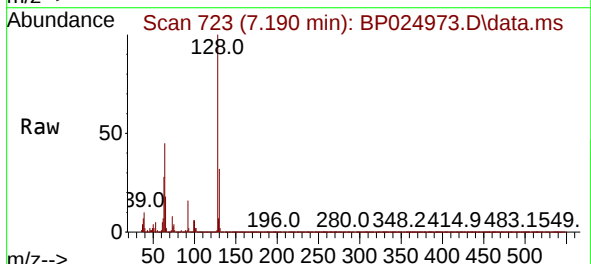
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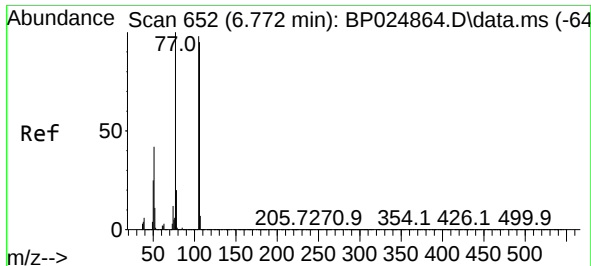
Tgt Ion: 99 Resp: 2981805
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 34.6 27.6 41.4



#8
2-Chlorophenol
Concen: 51.653 ng
RT: 7.190 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 128 Resp: 920009
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 45.2 24.1 64.1

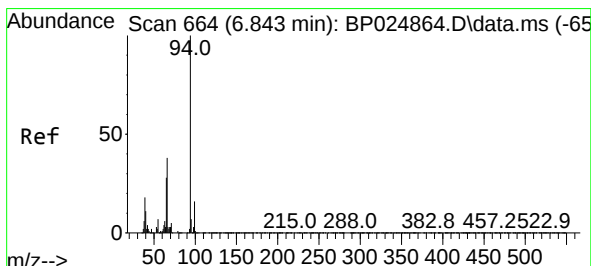
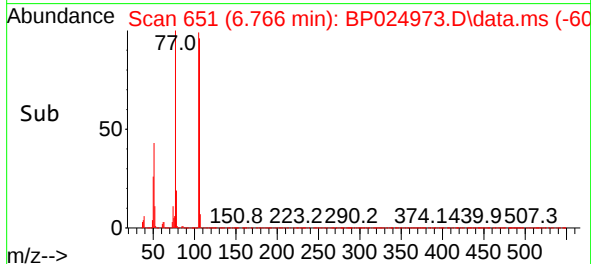
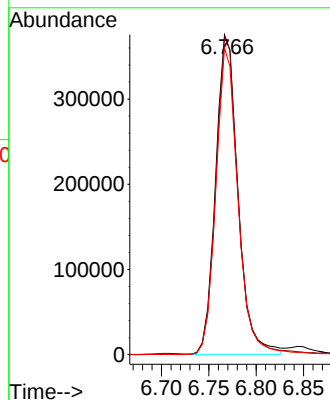
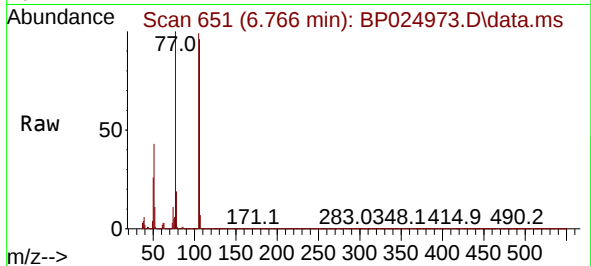




#9
Benzaldehyde
Concen: 51.357 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024973.D
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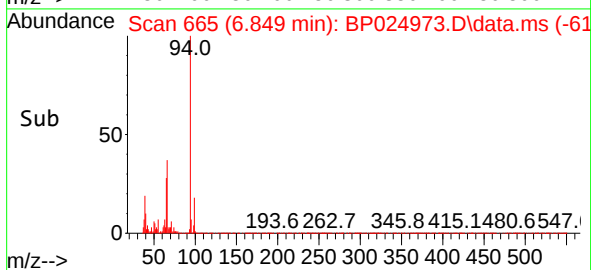
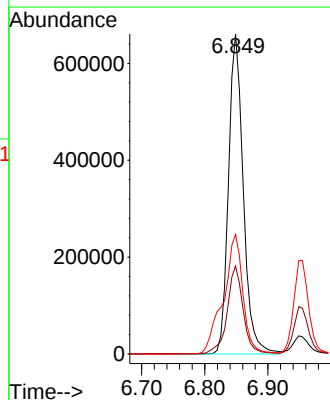
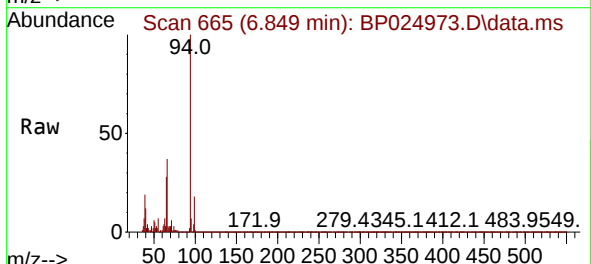
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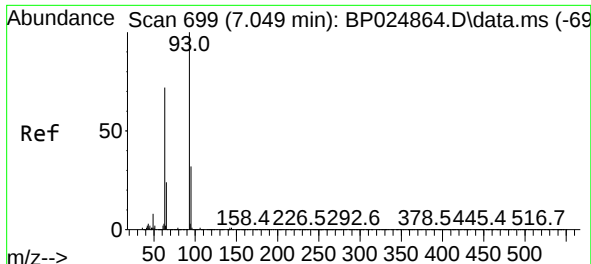
Tgt Ion: 77 Resp: 615366
Ion Ratio Lower Upper
77 100
105 99.2 77.7 117.7
106 95.8 74.8 114.8



#10
Phenol
Concen: 50.073 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 94 Resp: 1073070
Ion Ratio Lower Upper
94 100
65 27.5 8.3 48.3
66 37.4 18.2 58.2

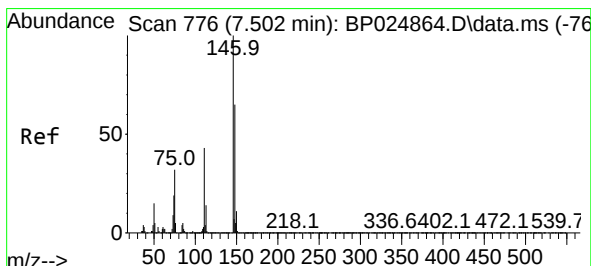
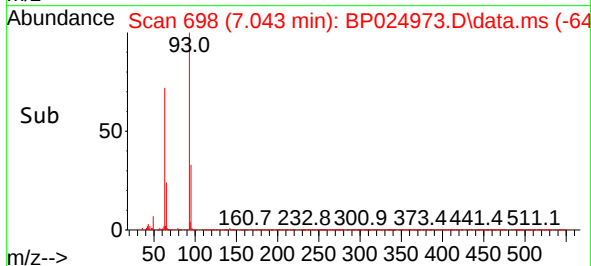
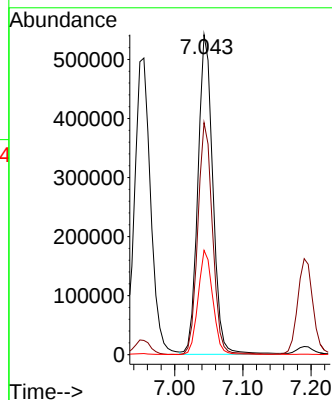
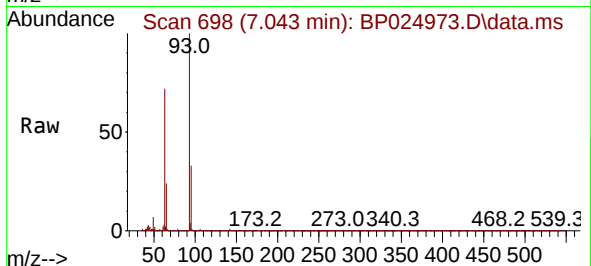




#11
bis(2-Chloroethyl)ether
Concen: 48.919 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

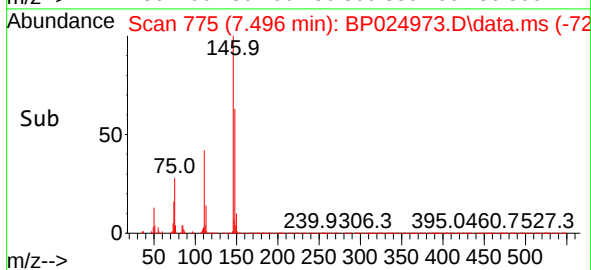
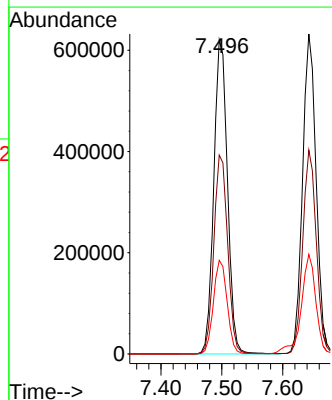
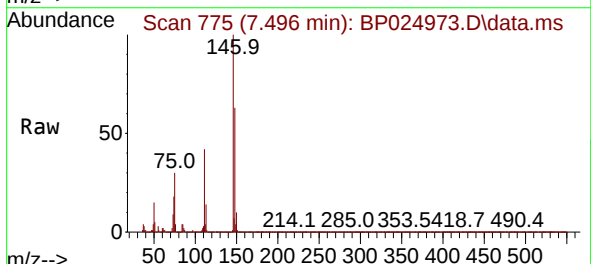
Instrument :
BNA_P
ClientSampleId :
PB168486BS

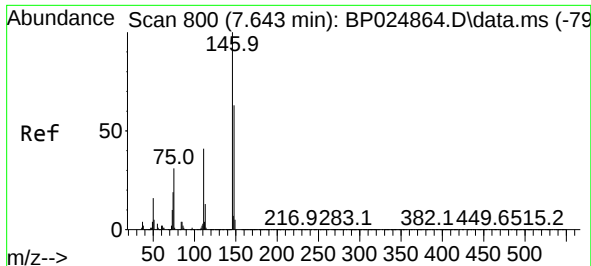
Tgt Ion: 93 Resp: 824549
Ion Ratio Lower Upper
93 100
63 72.5 51.6 91.6
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 48.681 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 146 Resp: 967276
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 29.8 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 48.974 ng

RT: 7.643 min Scan# 800

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

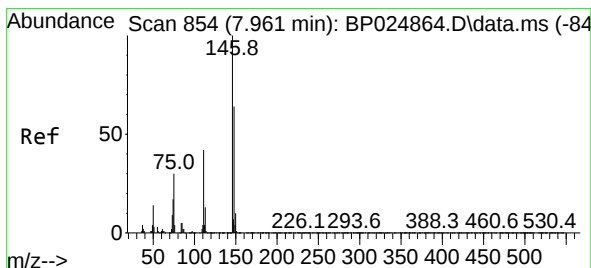
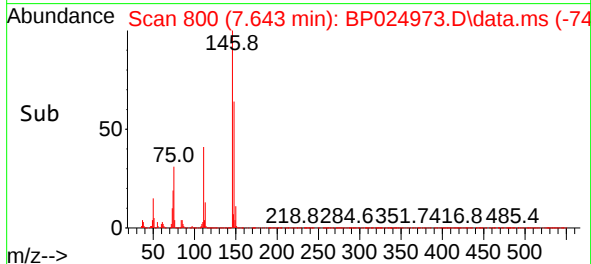
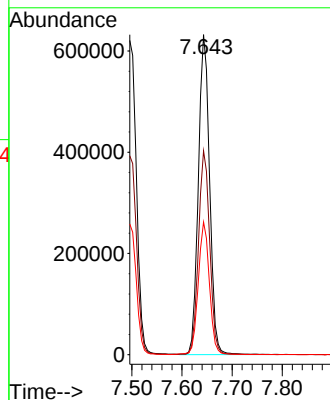
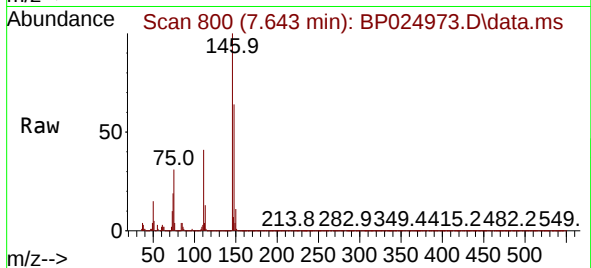
Tgt Ion:146 Resp: 981852

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 41.4 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 47.349 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

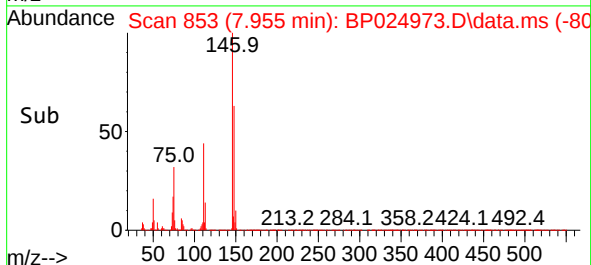
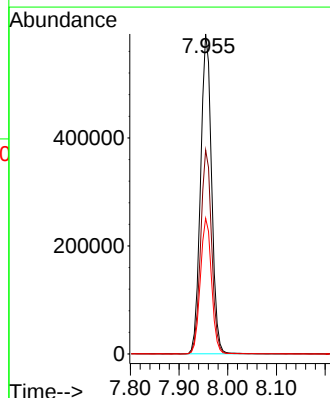
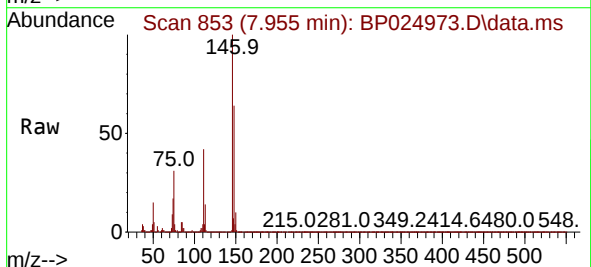
Tgt Ion:146 Resp: 932158

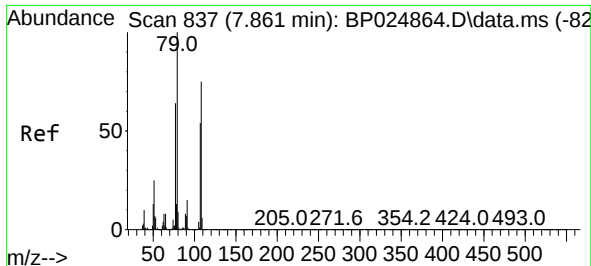
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

111 42.4 33.8 50.8

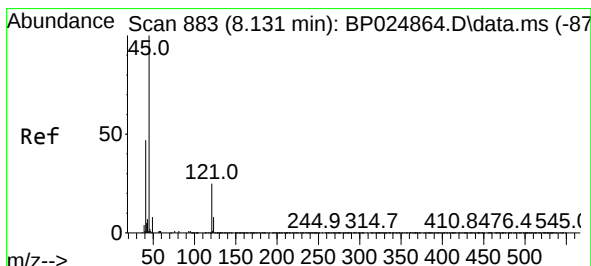
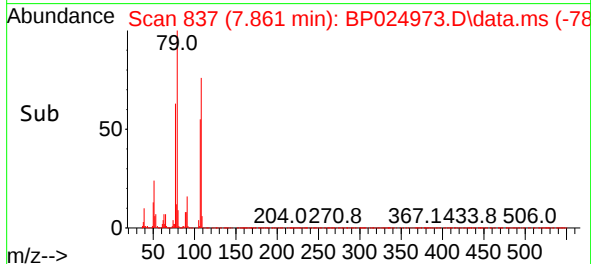
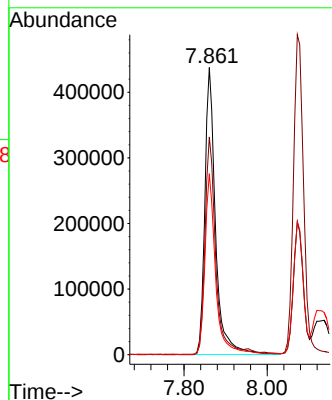
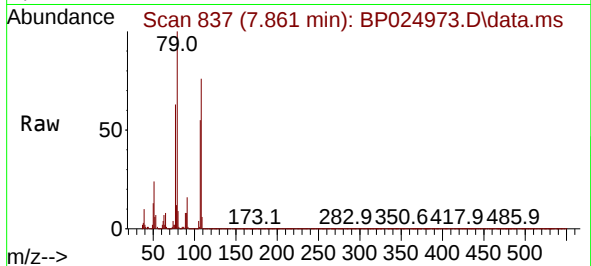




#15
Benzyl Alcohol
Concen: 49.028 ng
RT: 7.861 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

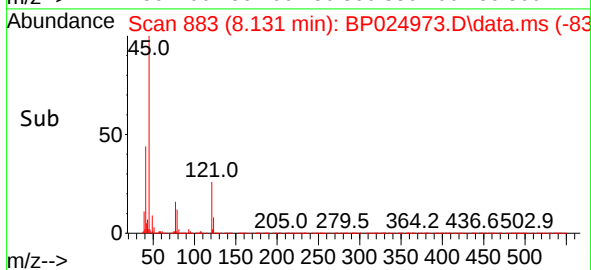
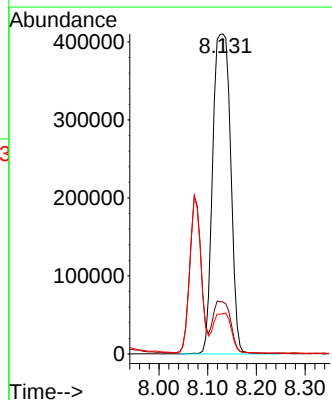
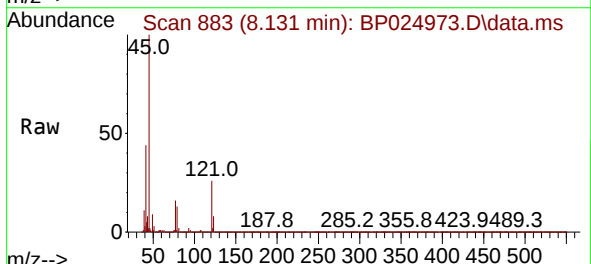
Instrument :
BNA_P
ClientSampleId :
PB168486BS

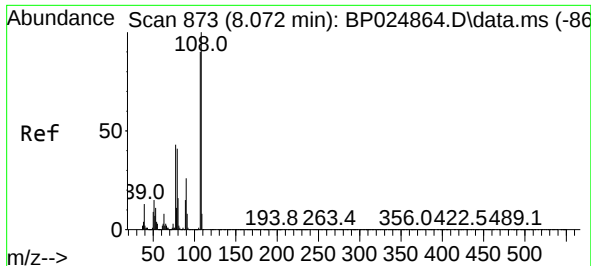
Tgt Ion: 79 Resp: 782208
Ion Ratio Lower Upper
79 100
108 75.8 60.2 90.4
77 63.0 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.455 ng
RT: 8.131 min Scan# 883
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 45 Resp: 1046905
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.3
79 12.6 0.0 32.2

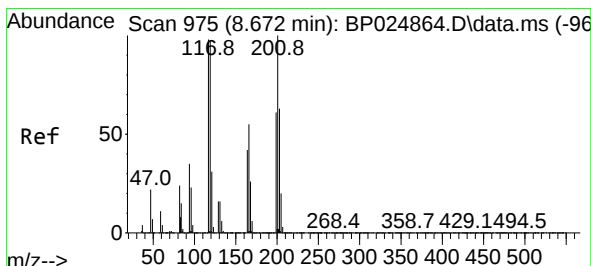
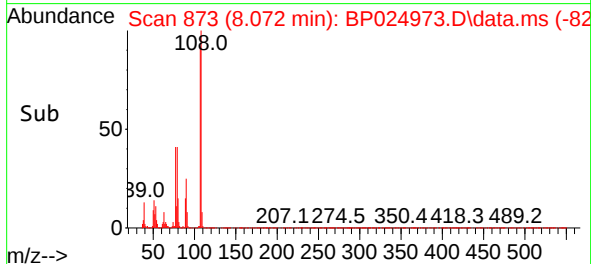
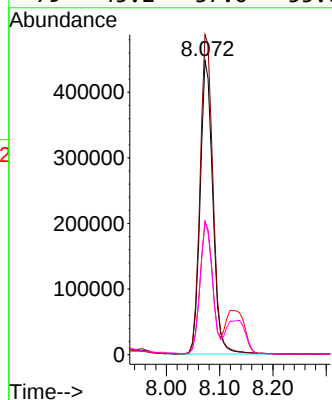
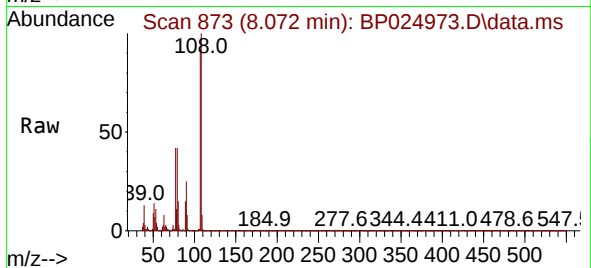




#17
2-Methylphenol
Concen: 49.248 ng
RT: 8.072 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

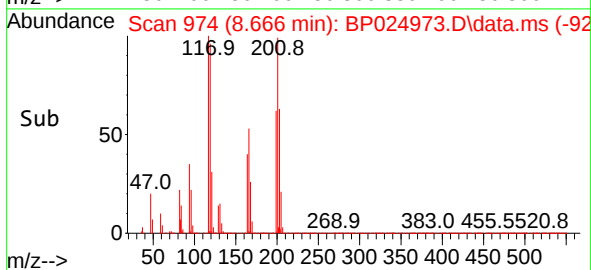
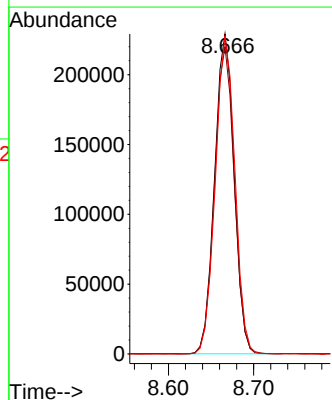
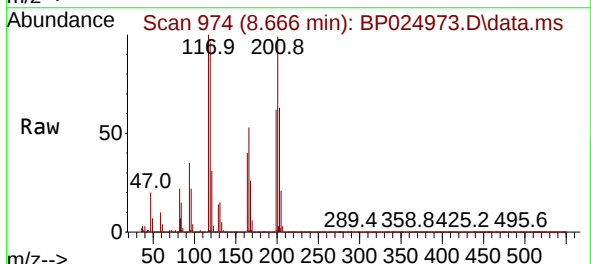
Instrument :
BNA_P
ClientSampleId :
PB168486BS

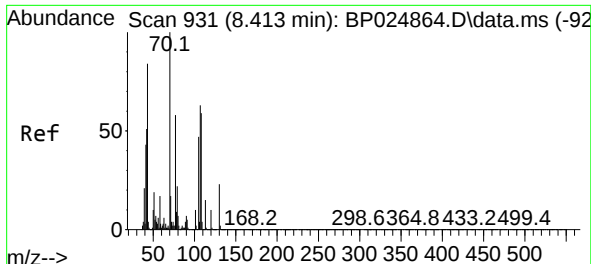
Tgt Ion:	107	Resp:	736990
Ion	Ratio	Lower	Upper
107	100		
108	108.8	88.6	132.8
77	45.2	38.5	57.7
79	45.2	37.0	55.6



#18
Hexachloroethane
Concen: 48.387 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:	117	Resp:	365226
Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.4	119.2
201	99.3	81.4	122.2



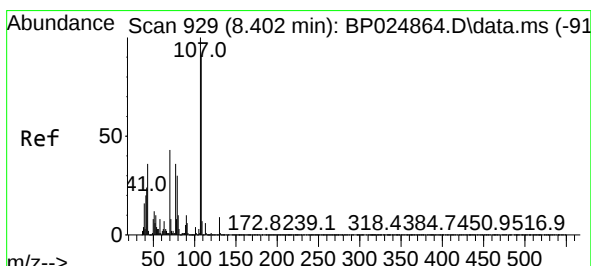
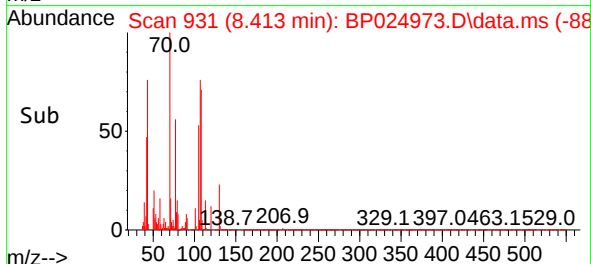
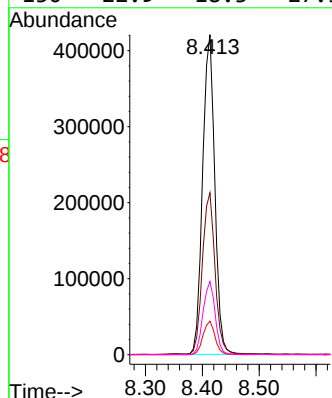
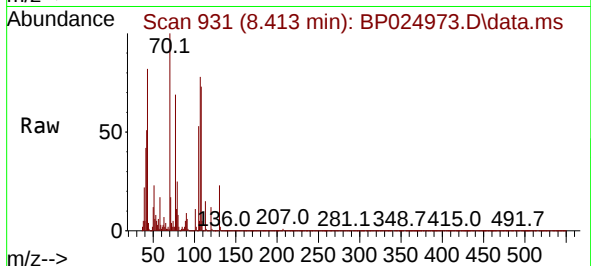


#19
n-Nitroso-di-n-propylamine
Concen: 44.221 ng
RT: 8.413 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Instrument :
BNA_P
ClientSampleId :
PB168486BS

Tgt Ion: 70 Resp: 624926

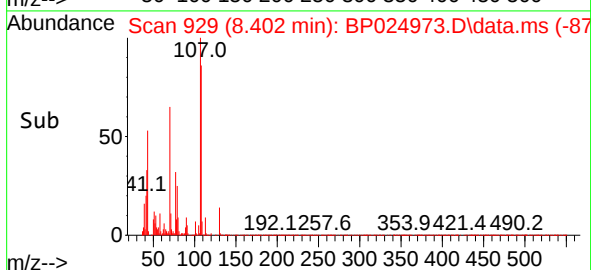
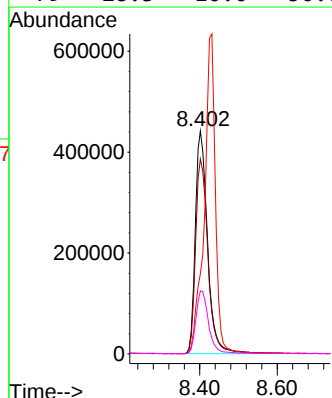
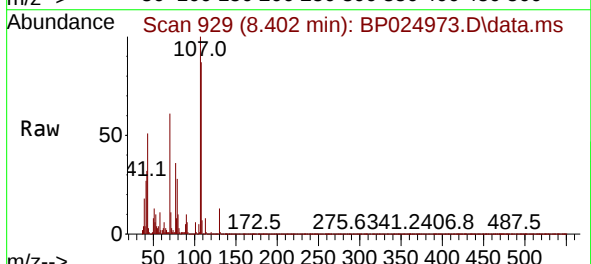
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.2	61.8
101	10.5	8.3	12.5
130	22.9	18.3	27.5

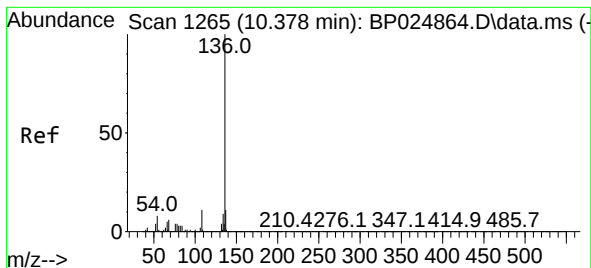


#20
3+4-Methylphenols
Concen: 47.616 ng
RT: 8.402 min Scan# 929
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 107 Resp: 972181

Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.7	110.7
77	35.9	16.6	56.6
79	28.3	10.0	50.0

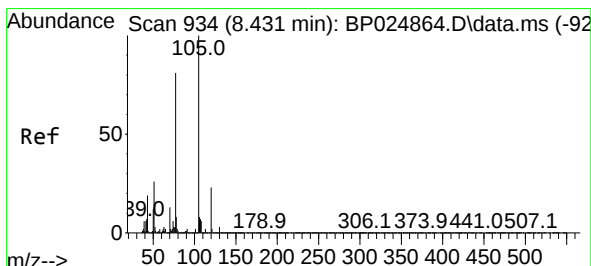
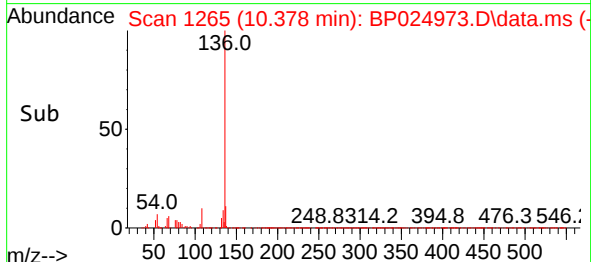
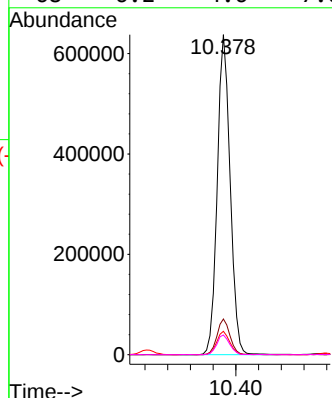
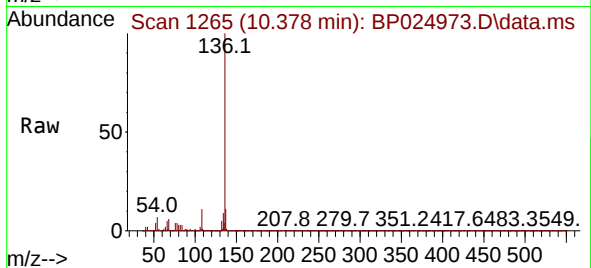




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

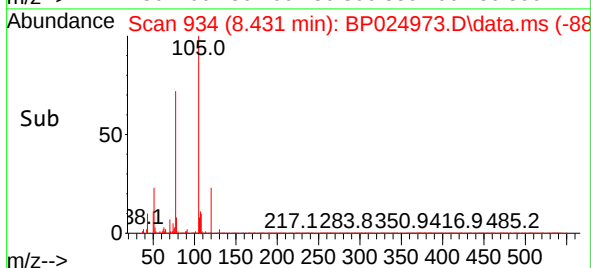
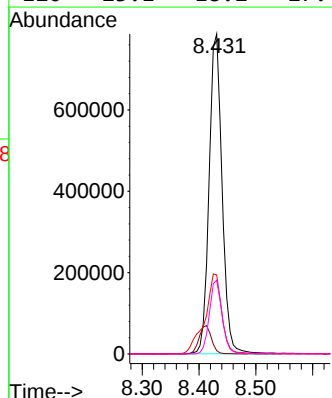
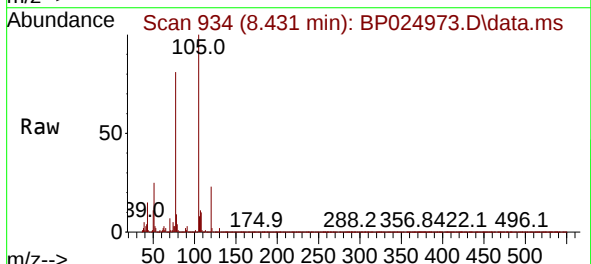
Instrument :
BNA_P
ClientSampleId :
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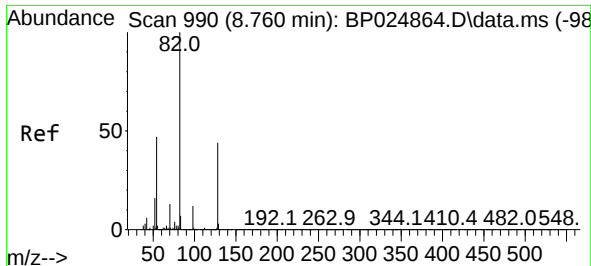
Tgt Ion:136 Resp: 1000634
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.3 6.1 9.1
68 6.2 4.6 7.0



#22
Acetophenone
Concen: 49.275 ng
RT: 8.431 min Scan# 934
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:105 Resp: 1245747
Ion Ratio Lower Upper
105 100
71 1.1 1.6 2.4#
51 24.7 20.6 31.0
120 23.1 18.2 27.4

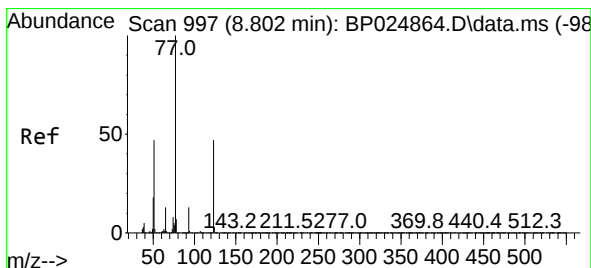
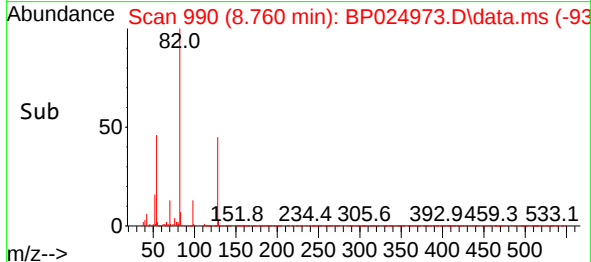
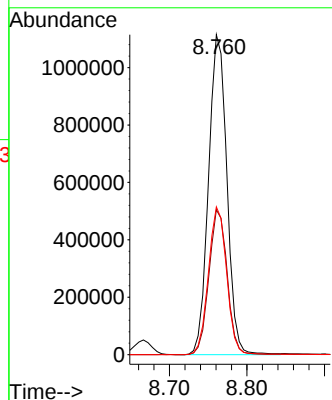
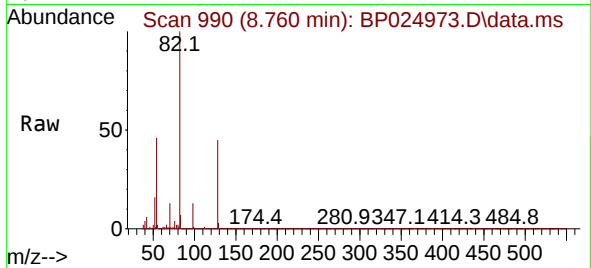




#23
Nitrobenzene-d5
Concen: 88.875 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

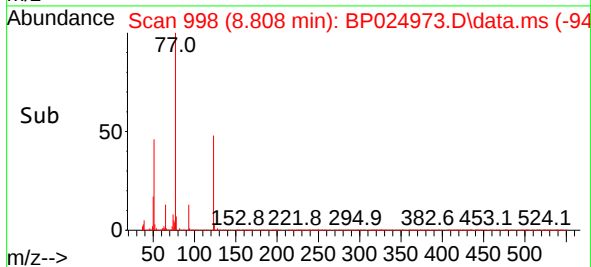
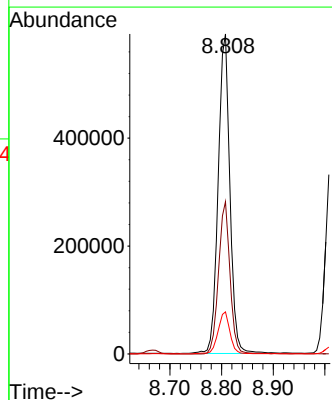
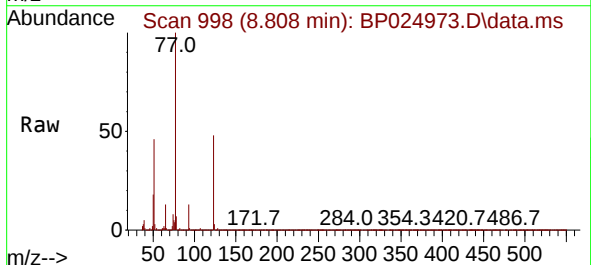
Instrument :
BNA_P
ClientSampleId :
PB168486BS

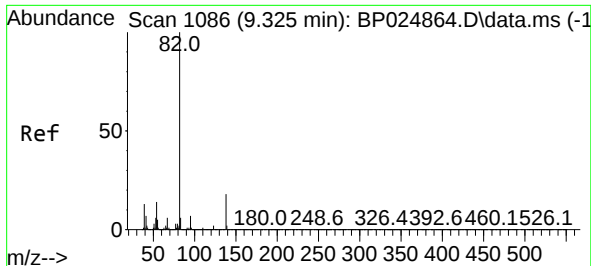
Tgt Ion: 82 Resp: 1830126
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 46.2 37.4 56.0



#24
Nitrobenzene
Concen: 50.846 ng
RT: 8.808 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 77 Resp: 930164
Ion Ratio Lower Upper
77 100
123 47.6 37.3 55.9
65 13.2 10.8 16.2

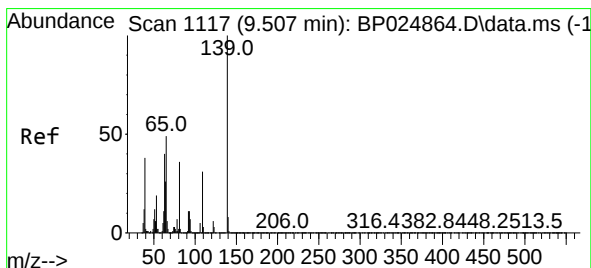
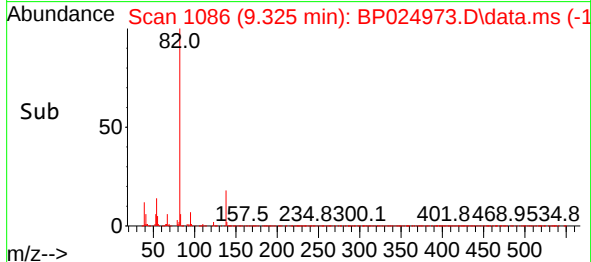
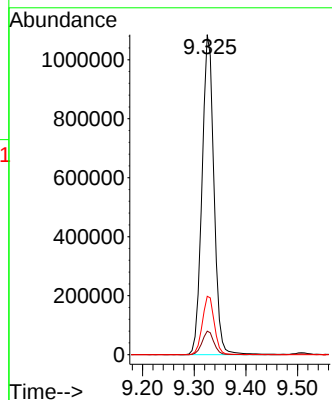
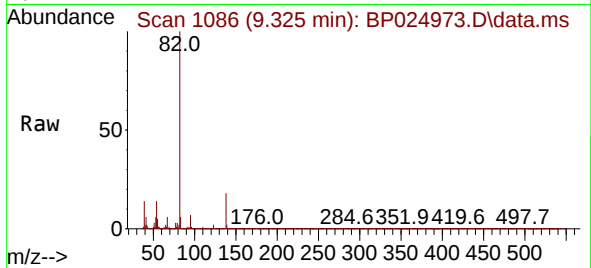




#25
Isophorone
Concen: 48.602 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

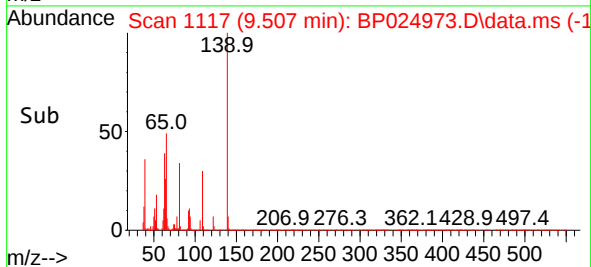
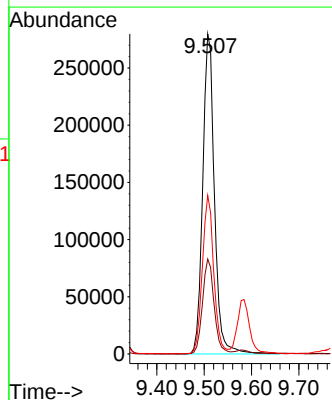
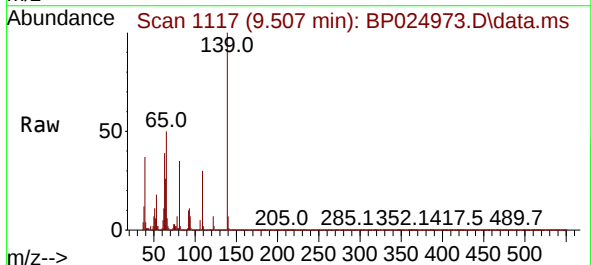
Instrument :
BNA_P
ClientSampleId :
PB168486BS

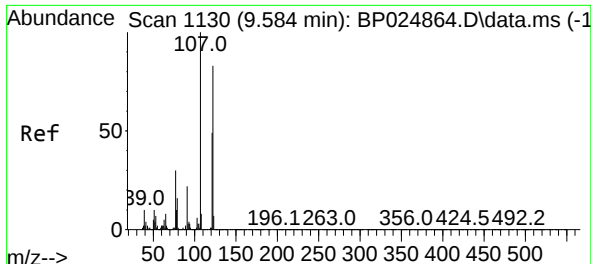
Tgt Ion: 82 Resp: 1734523
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 53.249 ng
RT: 9.507 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 139 Resp: 480635
Ion Ratio Lower Upper
139 100
109 29.7 24.6 37.0
65 49.5 39.5 59.3

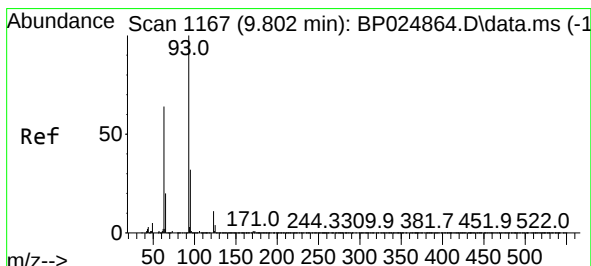
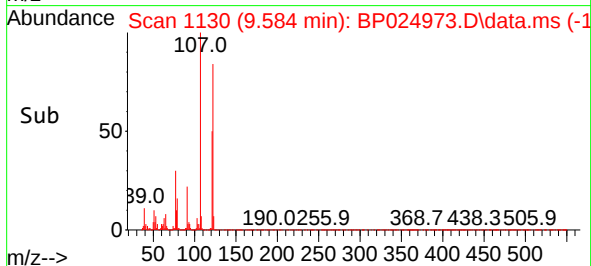
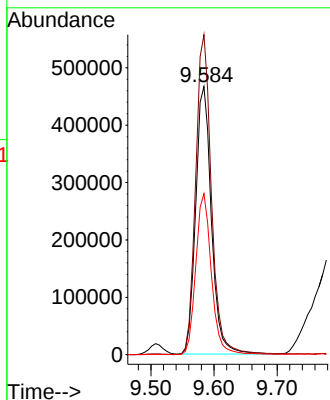
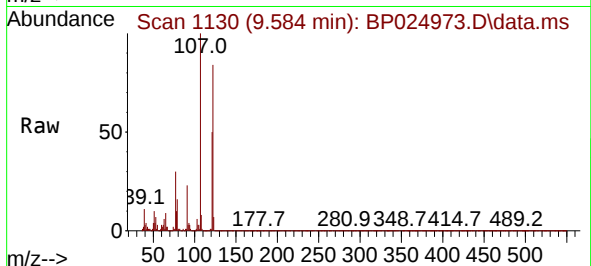




#27
2,4-Dimethylphenol
Concen: 52.270 ng
RT: 9.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

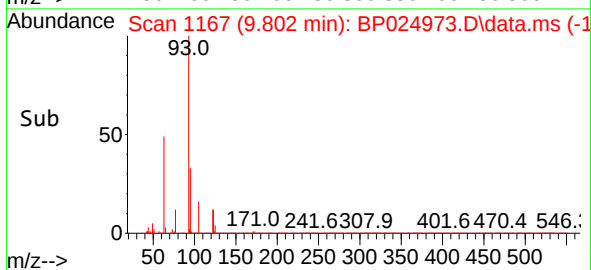
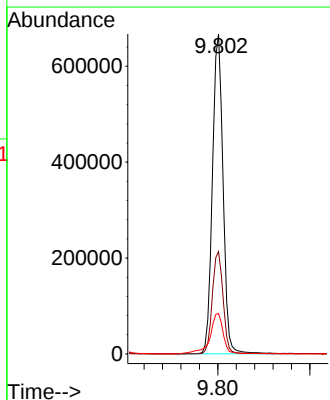
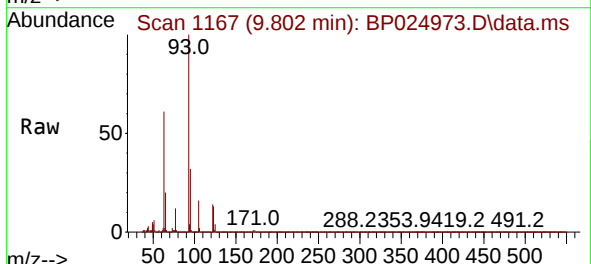
Instrument :
BNA_P
ClientSampleId :
PB168486BS

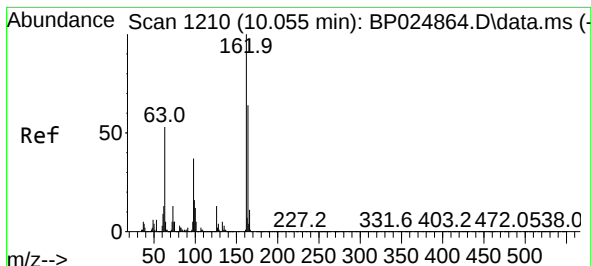
Tgt Ion:122 Resp: 807453
Ion Ratio Lower Upper
122 100
107 119.3 96.2 144.4
121 60.1 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.094 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 93 Resp: 1066424
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 12.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 54.216 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

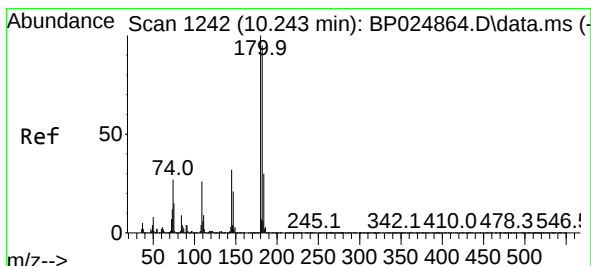
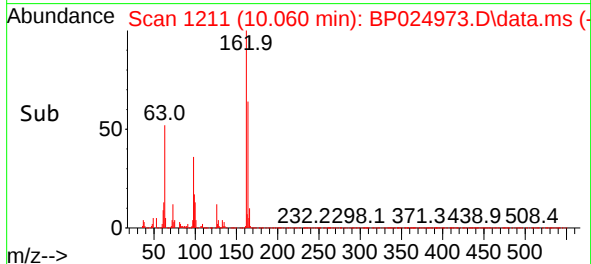
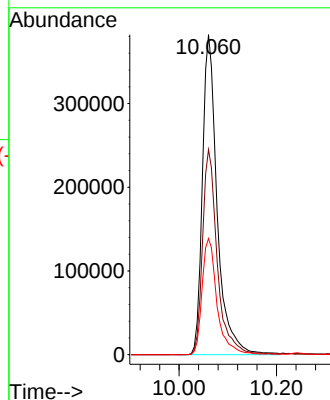
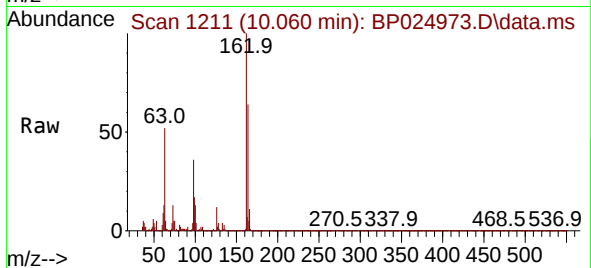
Tgt Ion:162 Resp: 803600

Ion Ratio Lower Upper

162 100

164 64.1 44.0 84.0

98 36.3 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 50.232 ng

RT: 10.243 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

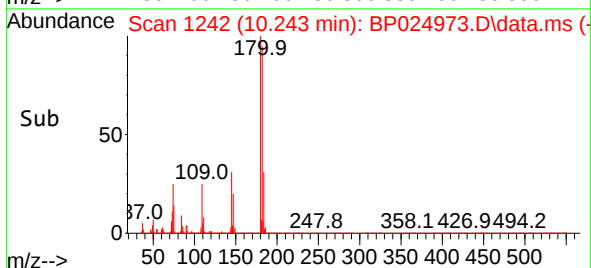
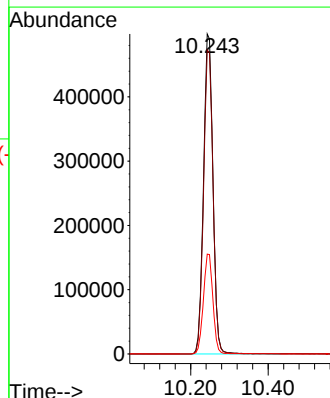
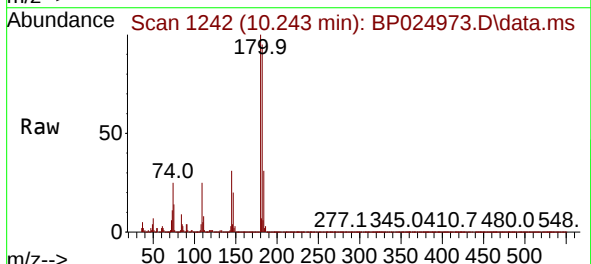
Tgt Ion:180 Resp: 839774

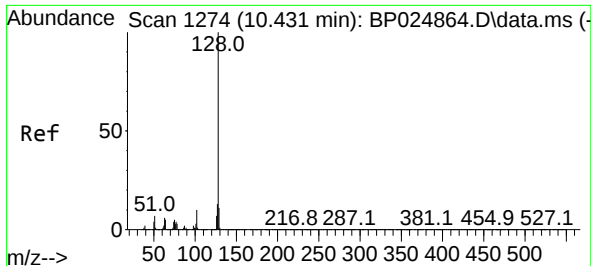
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

145 31.2 25.7 38.5

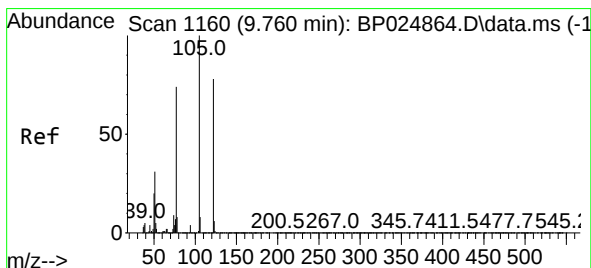
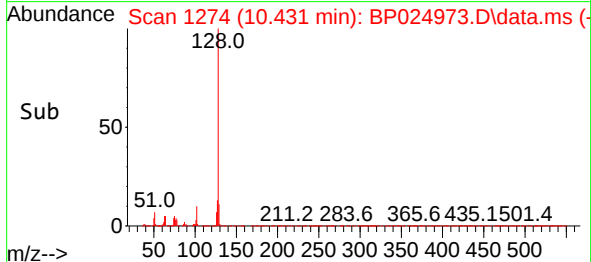
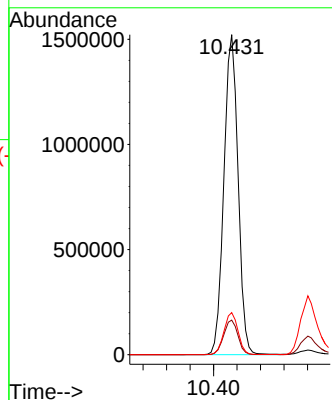
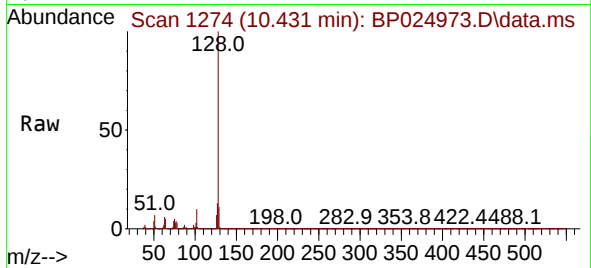




#31
Naphthalene
Concen: 49.456 ng
RT: 10.431 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

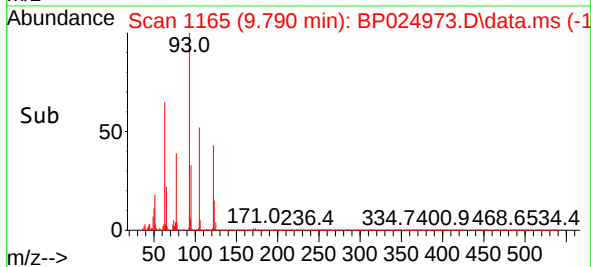
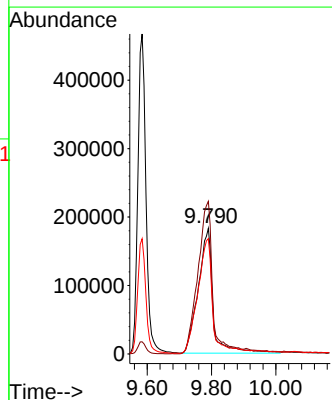
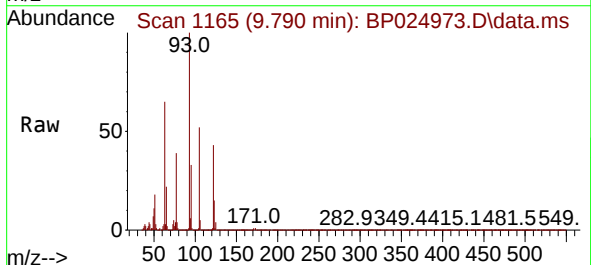
Instrument :
BNA_P
ClientSampleId :
PB168486BS

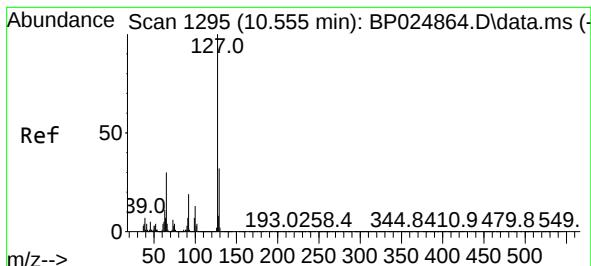
Tgt Ion:128 Resp: 2536060
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 55.621 ng
RT: 9.790 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:122 Resp: 580629
Ion Ratio Lower Upper
122 100
105 121.4 107.1 147.1
77 91.8 75.1 115.1





#33

4-Chloroaniline

Concen: 27.047 ng

RT: 10.560 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

Tgt Ion:127 Resp: 581063

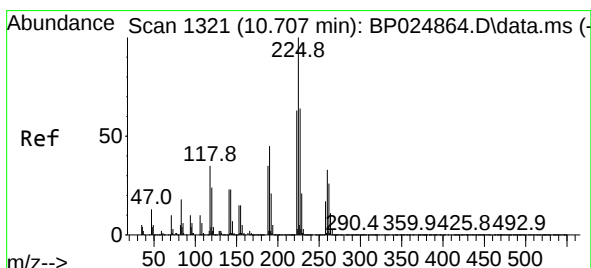
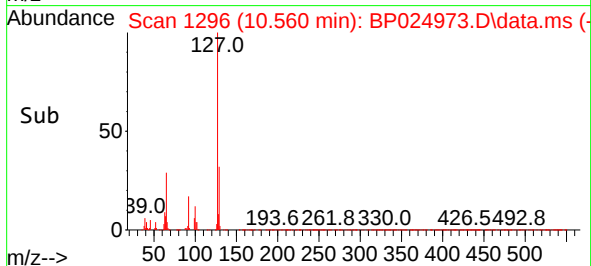
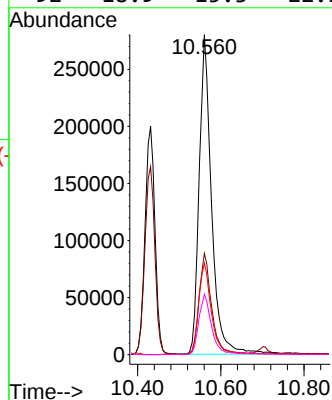
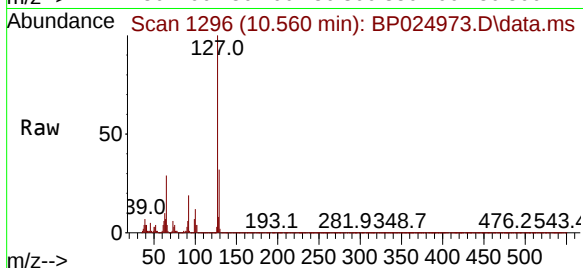
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 28.6 23.9 35.9

92 18.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 51.081 ng

RT: 10.702 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

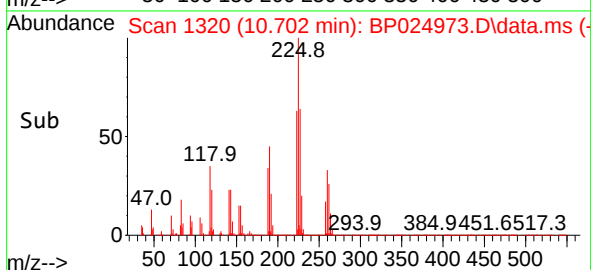
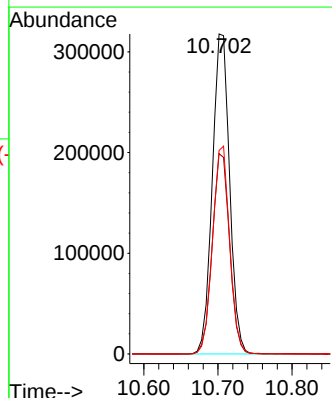
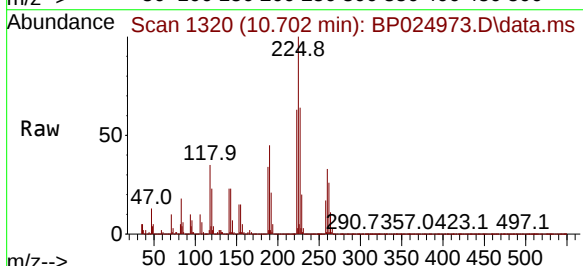
Tgt Ion:225 Resp: 514698

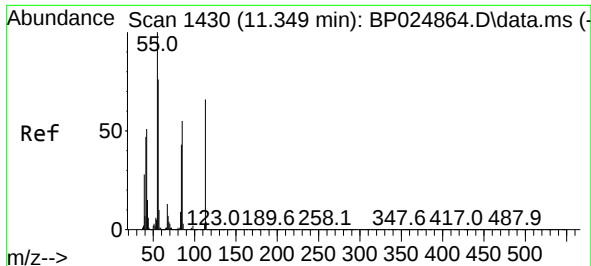
Ion Ratio Lower Upper

225 100

223 62.6 50.5 75.7

227 63.6 51.4 77.2

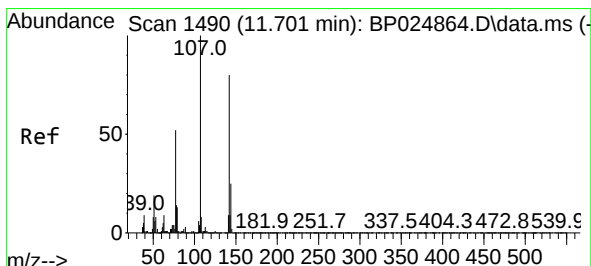
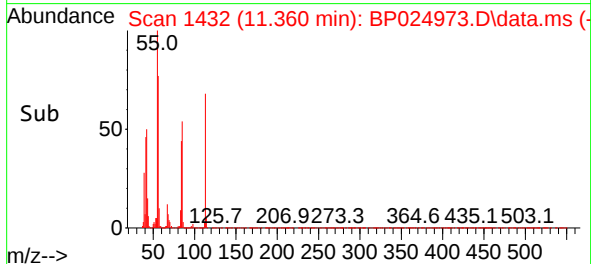
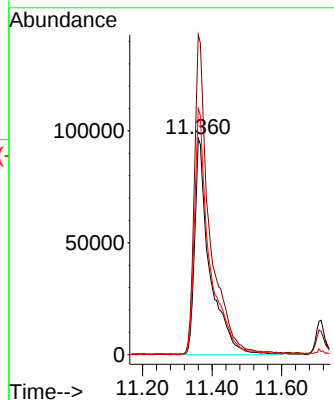
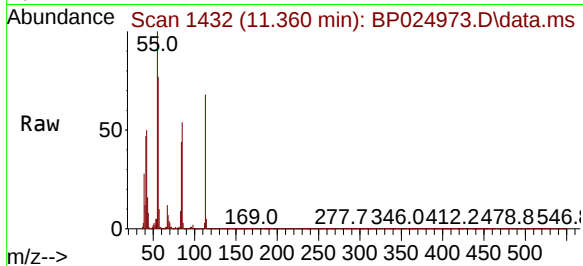




#35
Caprolactam
Concen: 53.125 ng
RT: 11.360 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

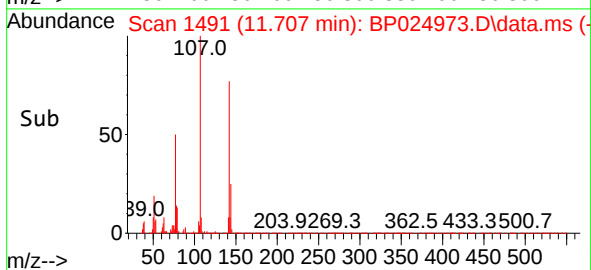
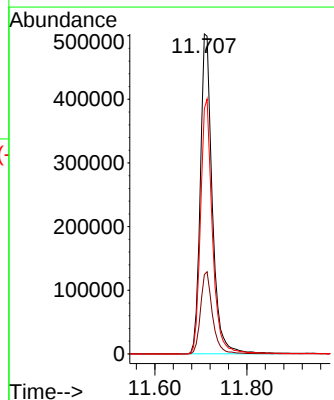
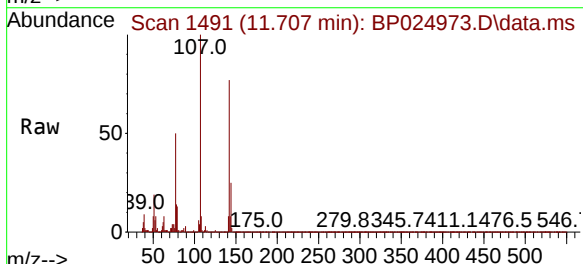
Instrument :
BNA_P
ClientSampleId :
PB168486BS

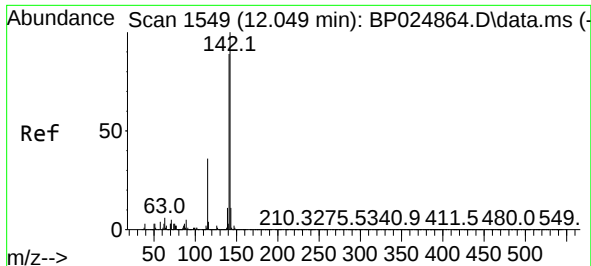
Tgt Ion:113 Resp: 289854
Ion Ratio Lower Upper
113 100
55 147.9 132.5 172.5
56 113.8 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 53.144 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:107 Resp: 908570
Ion Ratio Lower Upper
107 100
144 24.8 20.4 30.6
142 76.6 63.8 95.6

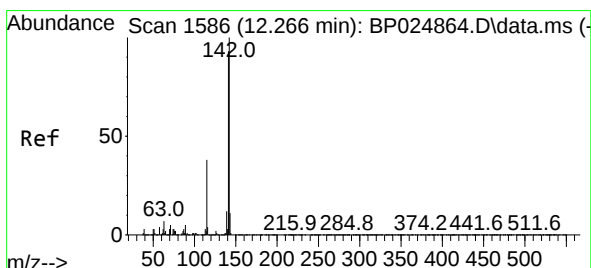
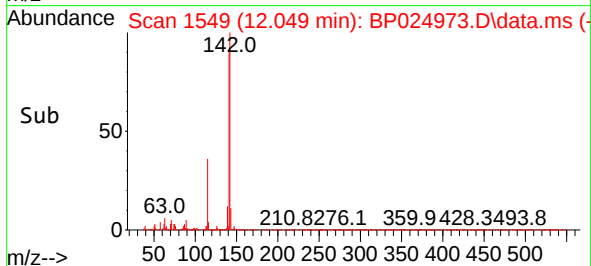
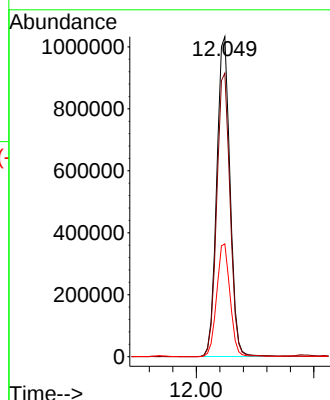
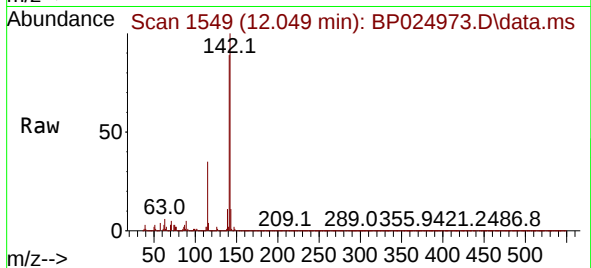




#37
2-Methylnaphthalene
Concen: 49.959 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

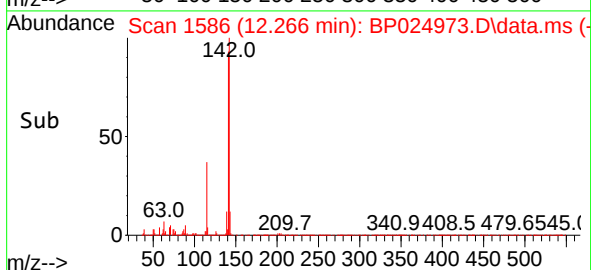
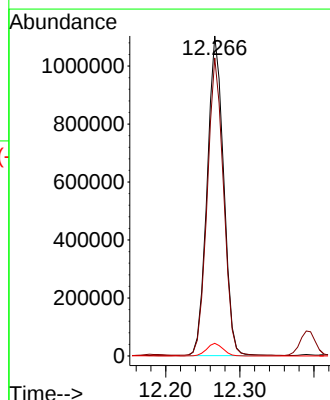
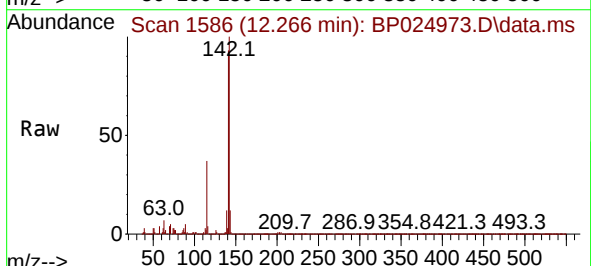
Instrument :
BNA_P
ClientSampleId :
PB168486BS

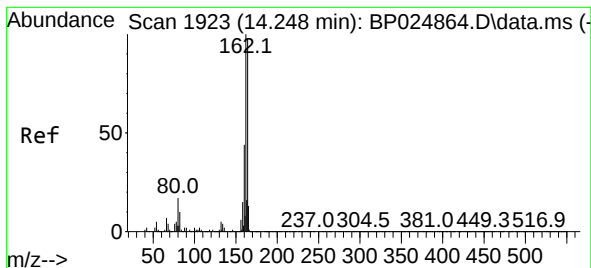
Tgt Ion:142 Resp: 1625029
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 35.2 28.5 42.7



#38
1-Methylnaphthalene
Concen: 48.888 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:142 Resp: 1700101
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

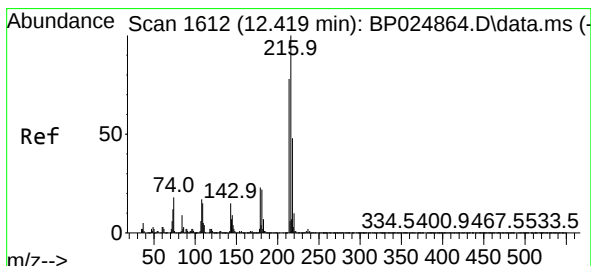
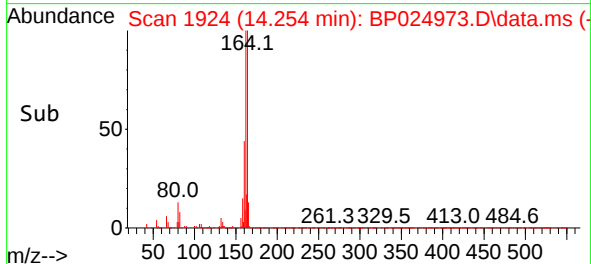
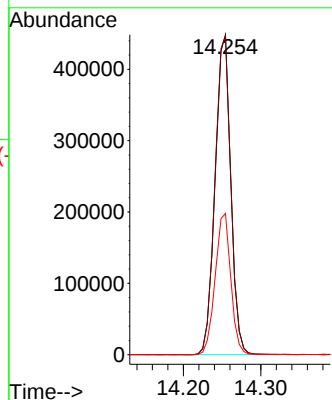
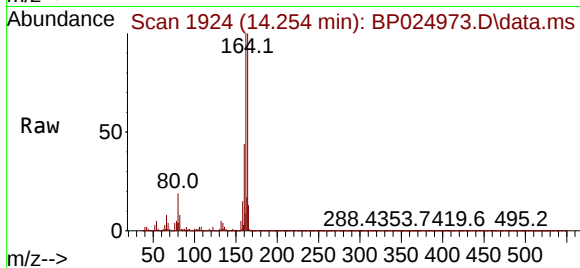
Tgt Ion:164 Resp: 627502

Ion Ratio Lower Upper

164 100

162 99.7 81.6 122.4

160 44.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.224 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Tgt Ion:216 Resp: 894277

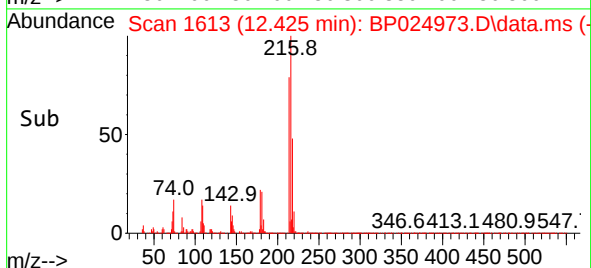
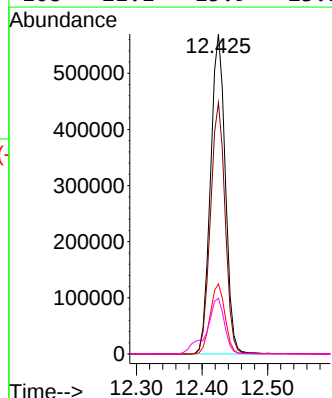
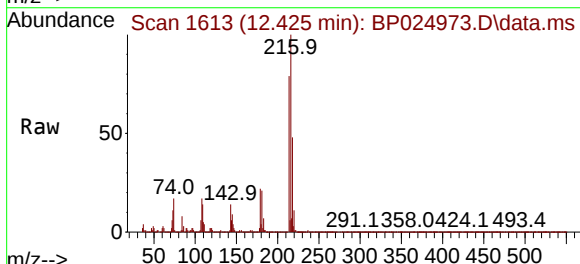
Ion Ratio Lower Upper

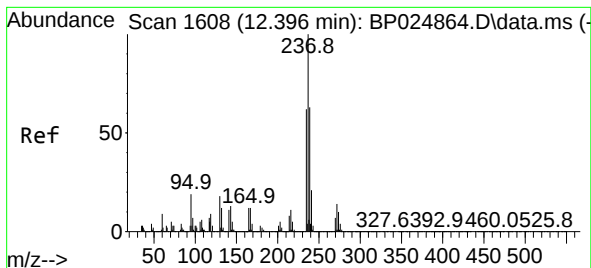
216 100

214 78.1 63.0 94.4

179 22.0 17.8 26.6

108 21.1 15.9 23.9

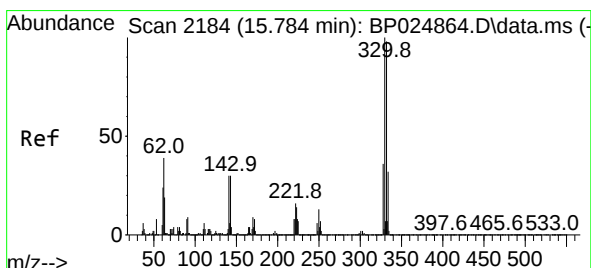
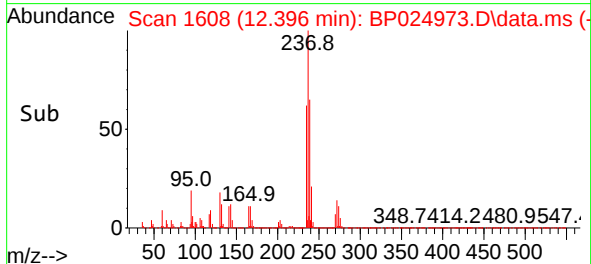
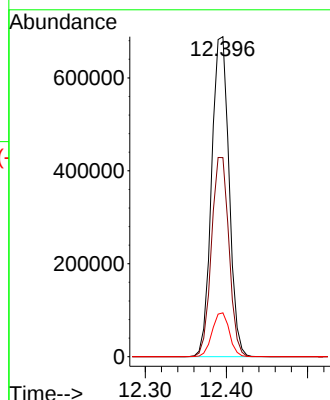
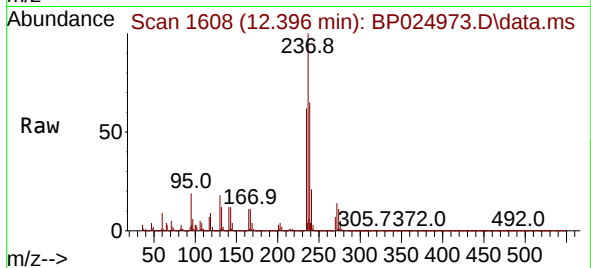




#41
Hexachlorocyclopentadiene
Concen: 94.351 ng
RT: 12.396 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

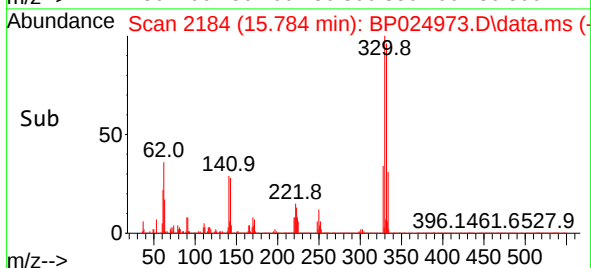
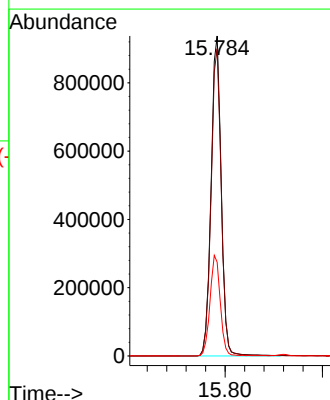
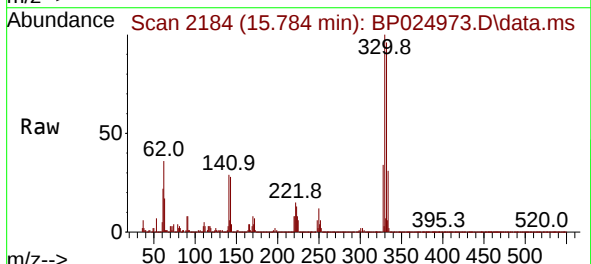
Instrument :
BNA_P
ClientSampleId :
PB168486BS

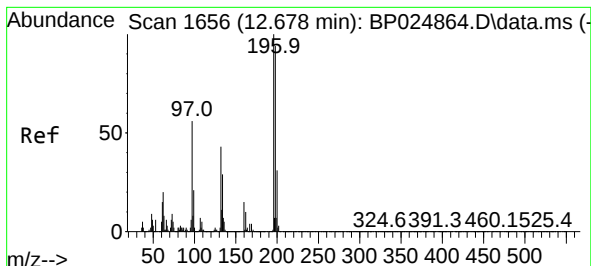
Tgt Ion:237 Resp: 1024682
Ion Ratio Lower Upper
237 100
235 62.2 41.9 81.9
272 13.7 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 154.887 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:330 Resp: 1343729
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 32.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.216 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

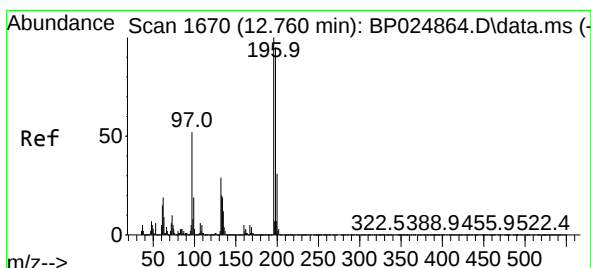
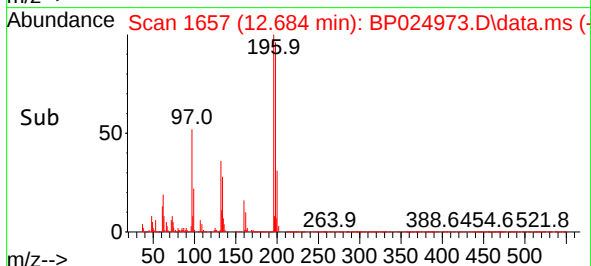
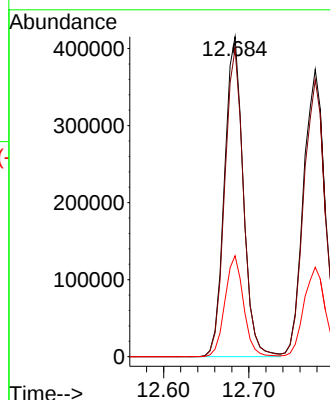
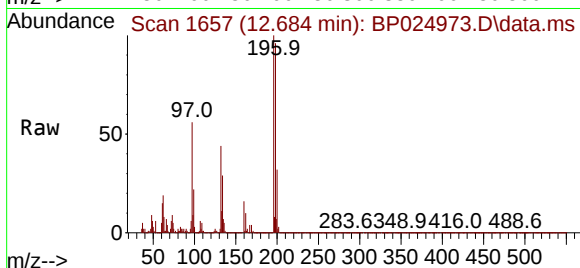
Tgt Ion:196 Resp: 636342

Ion Ratio Lower Upper

196 100

198 96.2 75.4 113.0

200 31.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 53.370 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Tgt Ion:196 Resp: 683454

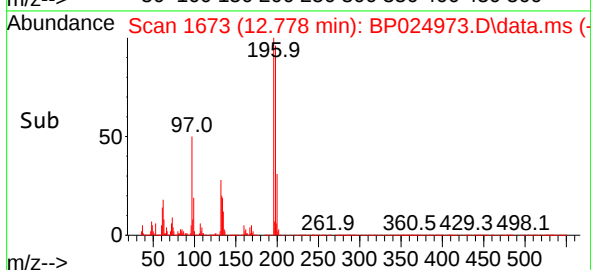
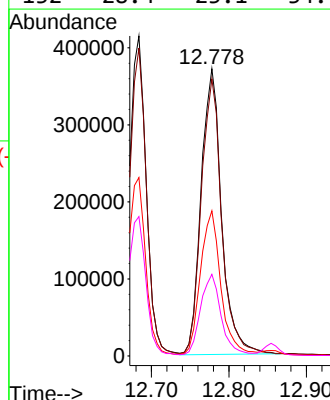
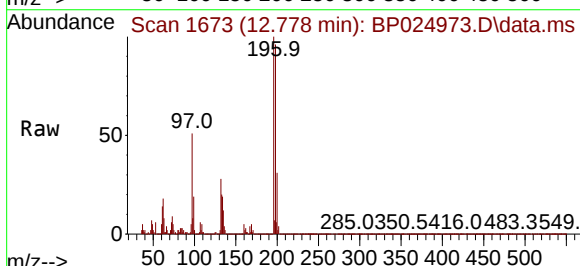
Ion Ratio Lower Upper

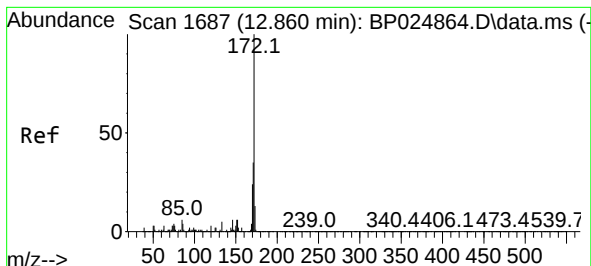
196 100

198 96.5 76.0 114.0

97 50.5 41.5 62.3

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 86.676 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

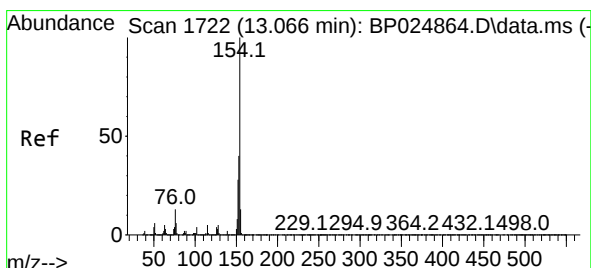
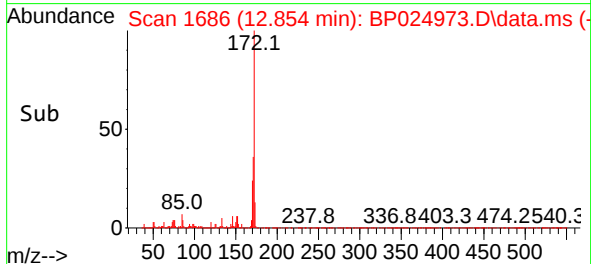
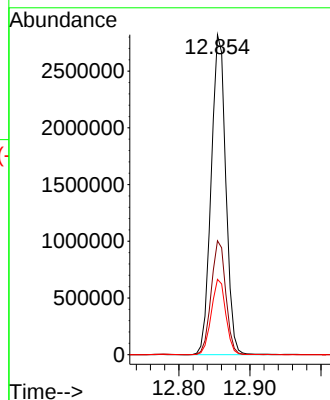
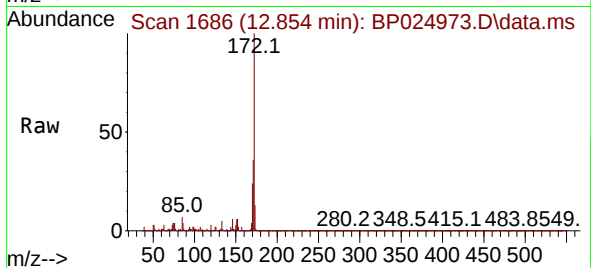
Tgt Ion:172 Resp: 4037448

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.540 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

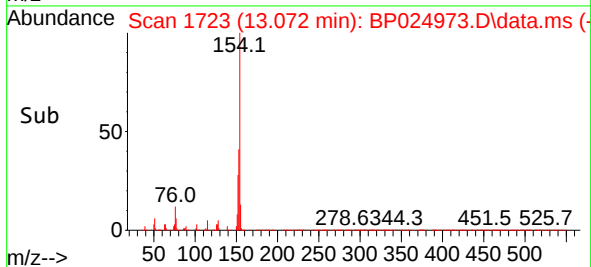
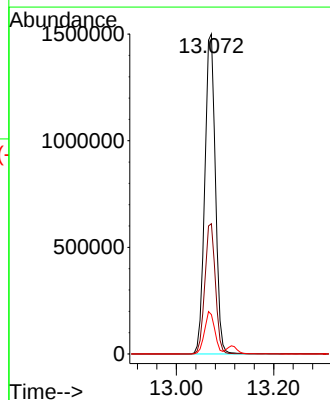
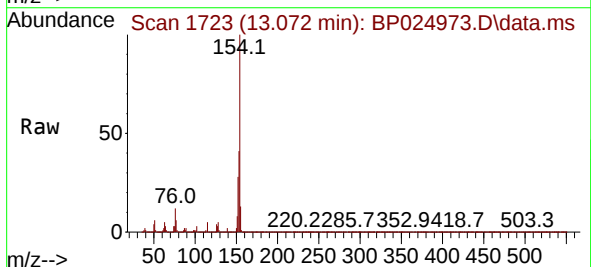
Tgt Ion:154 Resp: 2259112

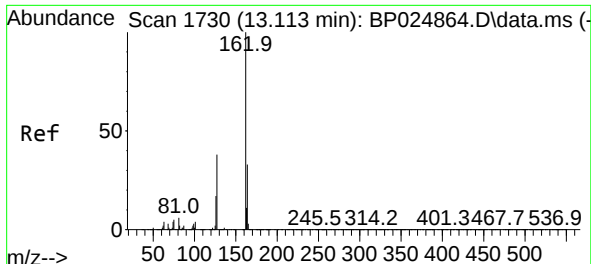
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 12.3 0.0 33.0

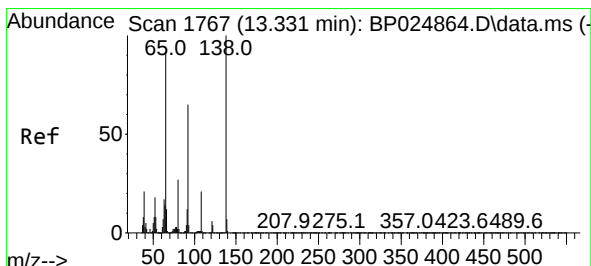
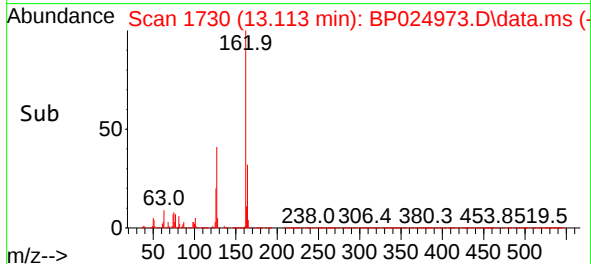
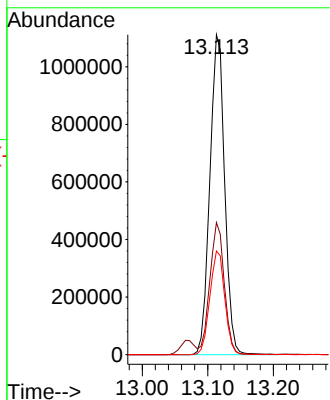
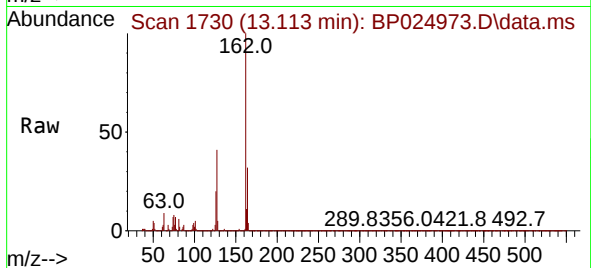




#47
2-Chloronaphthalene
Concen: 49.745 ng
RT: 13.113 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

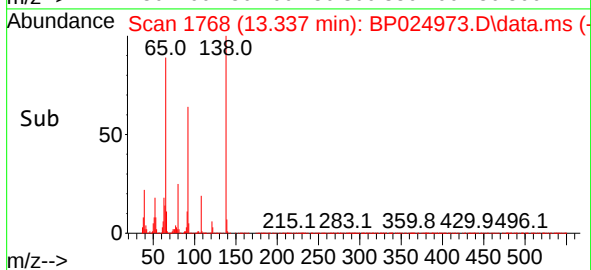
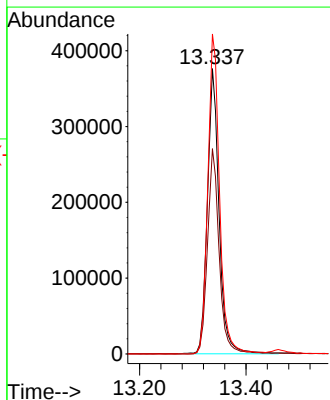
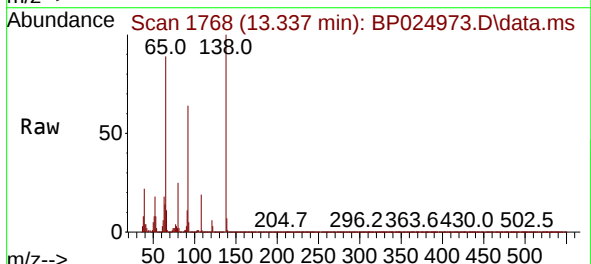
Instrument :
BNA_P
ClientSampleId :
PB168486BS

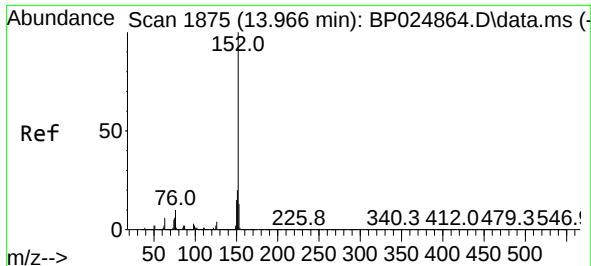
Tgt Ion:162 Resp: 1743511
Ion Ratio Lower Upper
162 100
127 41.3 32.5 48.7
164 32.4 26.2 39.2



#48
2-Nitroaniline
Concen: 53.030 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion: 65 Resp: 571413
Ion Ratio Lower Upper
65 100
92 72.0 56.8 85.2
138 112.2 86.9 130.3

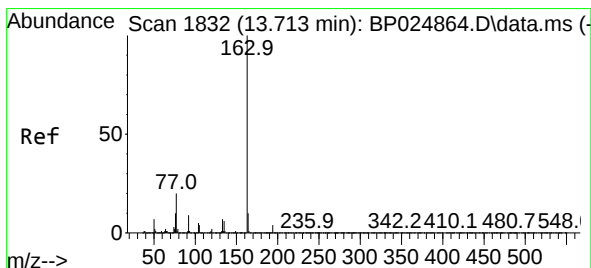
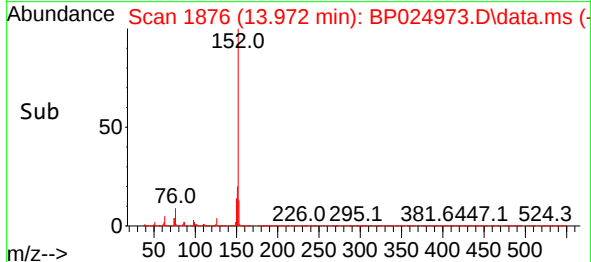
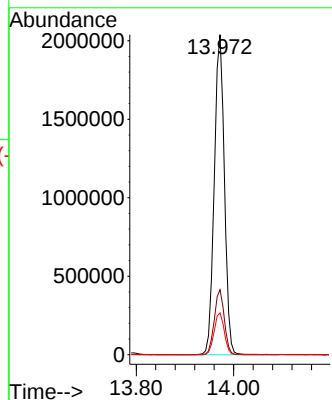
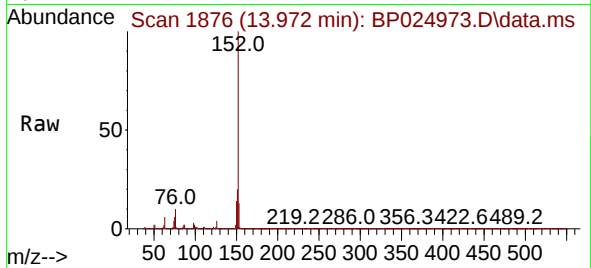




#49
Acenaphthylene
Concen: 50.069 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

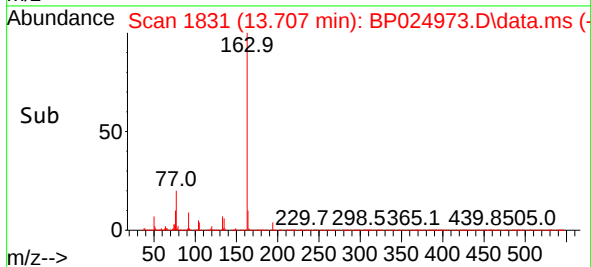
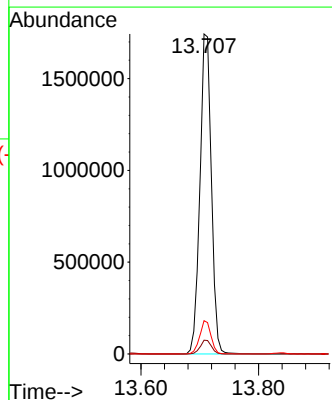
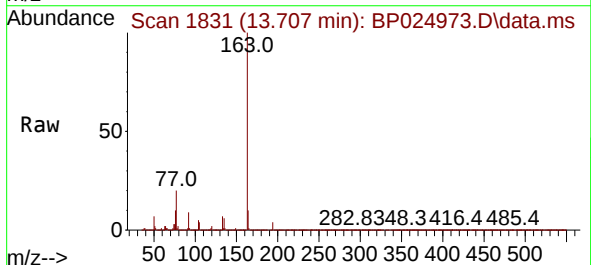
Instrument :
BNA_P
ClientSampleId :
PB168486BS

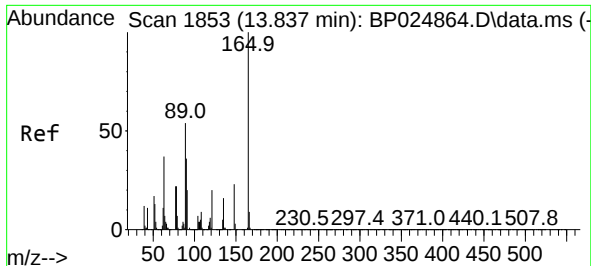
Tgt Ion:152 Resp: 2926016
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 50.813 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:163 Resp: 2352118
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.0 12.0

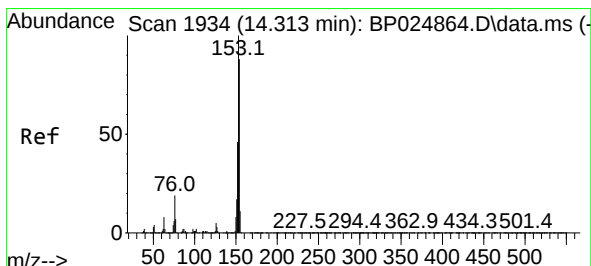
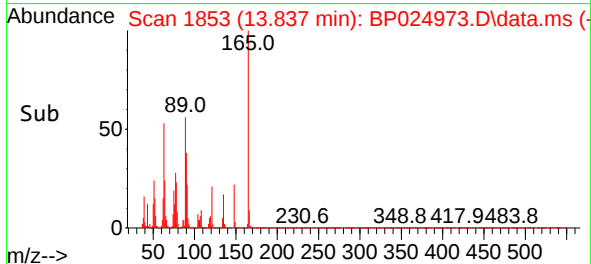
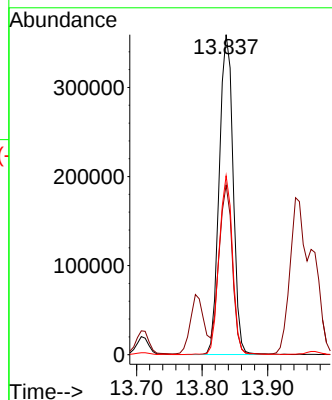
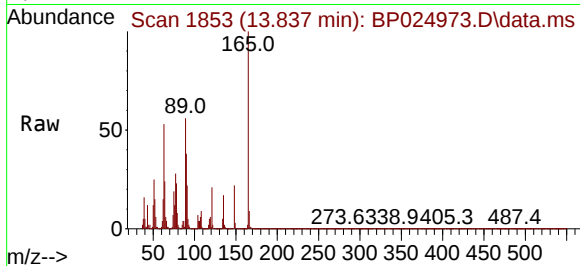




#51
2,6-Dinitrotoluene
Concen: 52.406 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

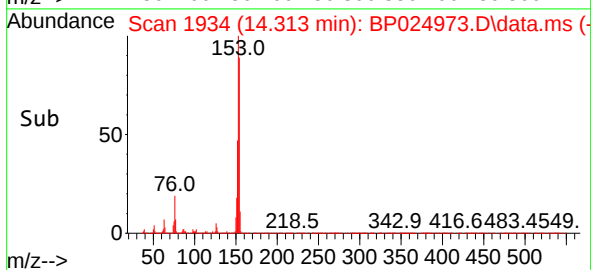
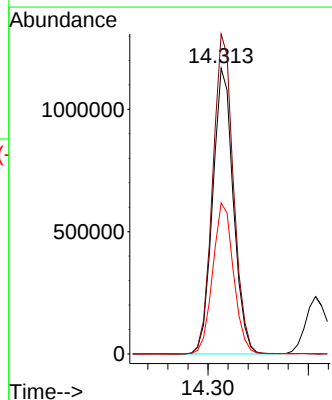
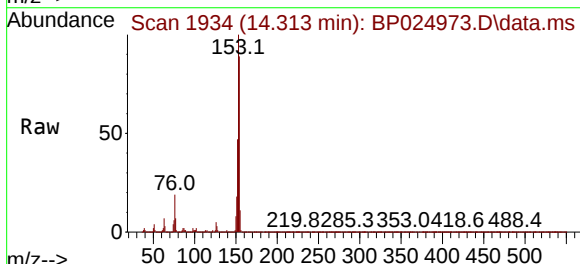
Instrument :
BNA_P
ClientSampleId :
PB168486BS

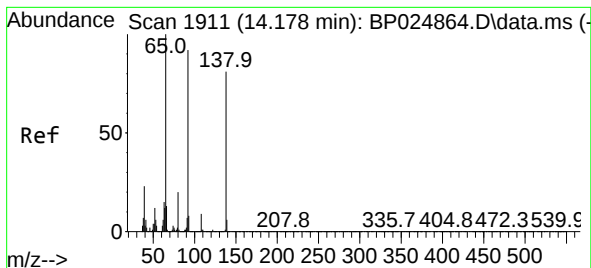
Tgt Ion:165 Resp: 522966
Ion Ratio Lower Upper
165 100
63 53.1 41.8 62.8
89 55.9 43.1 64.7



#52
Acenaphthene
Concen: 49.726 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:154 Resp: 1665196
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 52.9 42.1 63.1

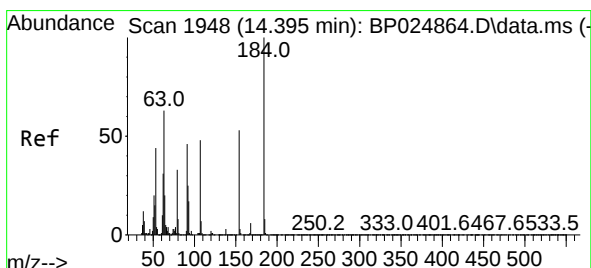
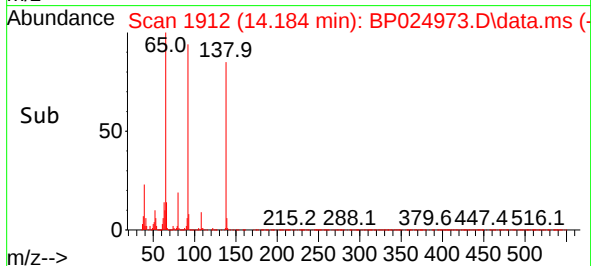
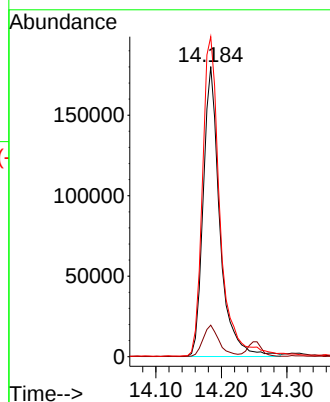
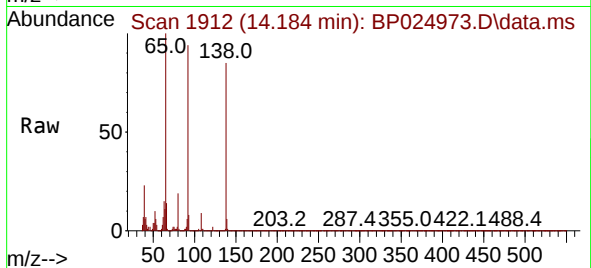




#53
3-Nitroaniline
Concen: 30.695 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

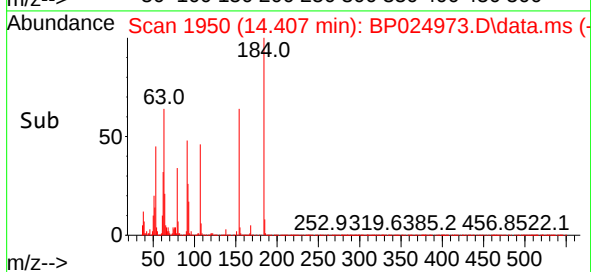
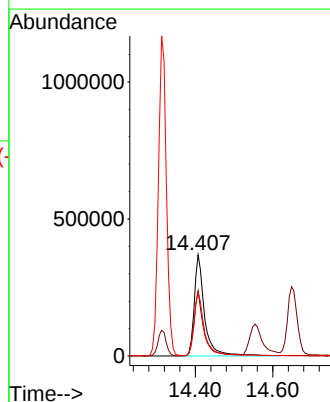
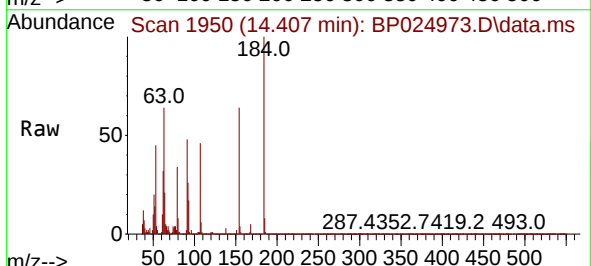
Instrument :
BNA_P
ClientSampleId :
PB168486BS

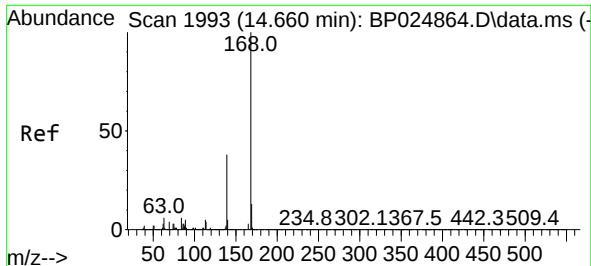
Tgt Ion:138 Resp: 317871
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 110.3 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 103.248 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:184 Resp: 682194
Ion Ratio Lower Upper
184 100
63 64.2 51.0 76.4
154 63.6 51.7 77.5

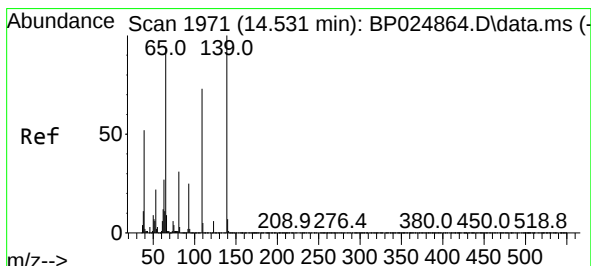
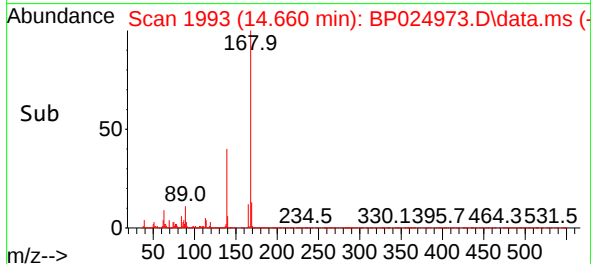
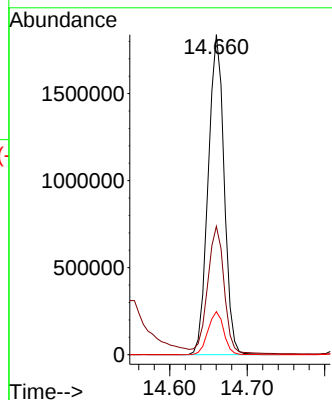
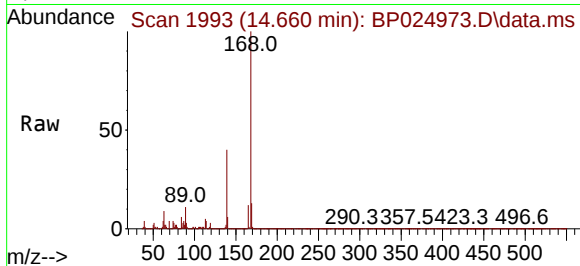




#55
Dibenzofuran
Concen: 48.897 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

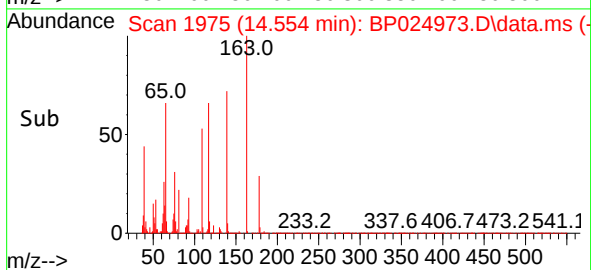
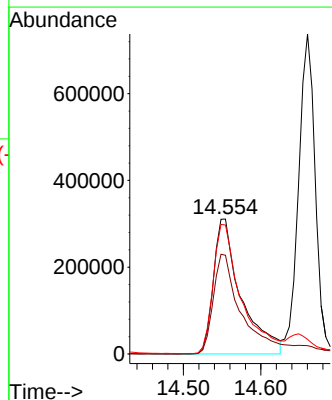
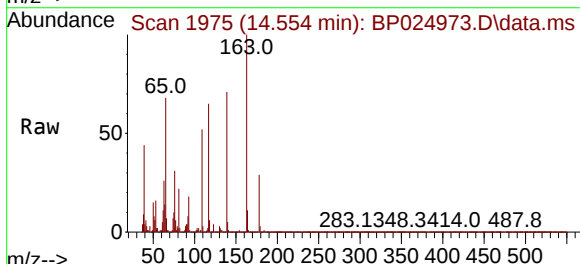
Instrument :
BNA_P
ClientSampleId :
PB168486BS

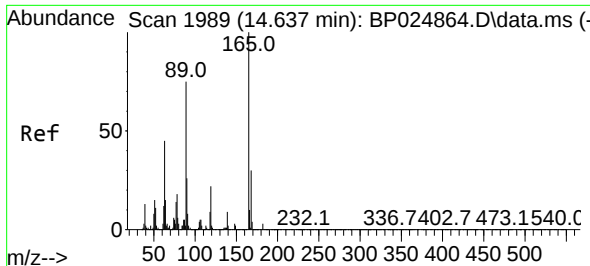
Tgt Ion:168 Resp: 2628419
Ion Ratio Lower Upper
168 100
139 40.1 31.6 47.4
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 87.020 ng
RT: 14.554 min Scan# 1975
Delta R.T. 0.023 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

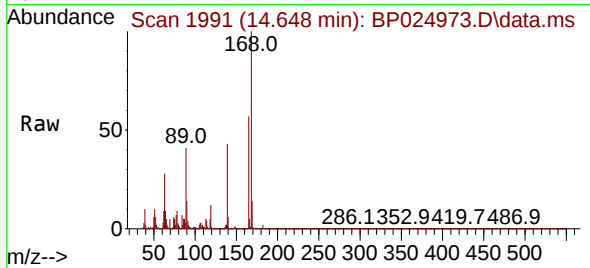
Tgt Ion:139 Resp: 767379
Ion Ratio Lower Upper
139 100
109 73.2 53.1 93.1
65 95.6 73.0 113.0



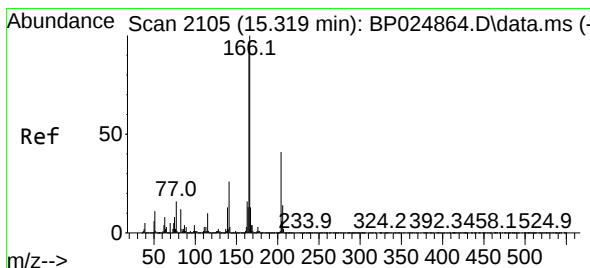
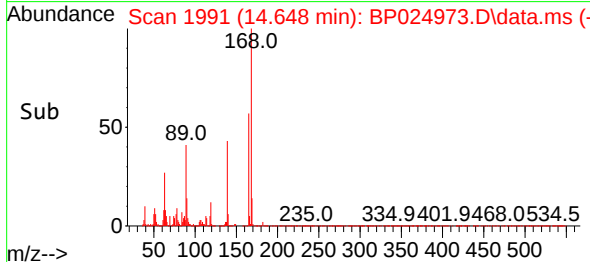
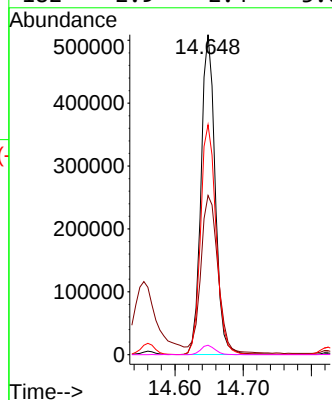


#57
2,4-Dinitrotoluene
Concen: 52.698 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Instrument :
BNA_P
ClientSampleId :
PB168486BS

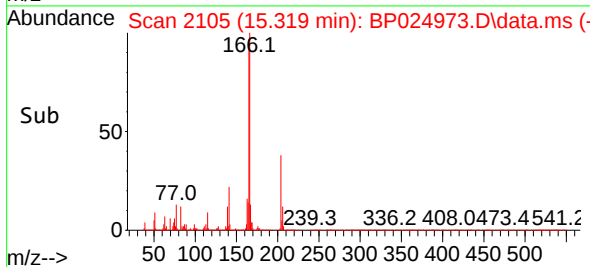
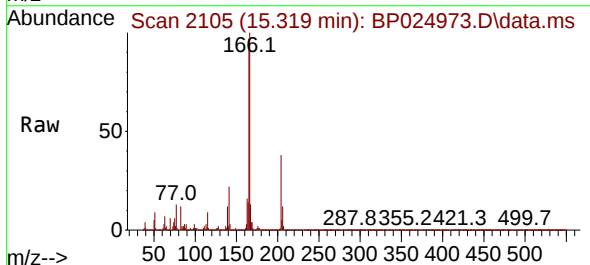
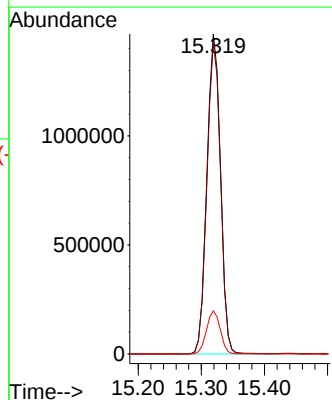


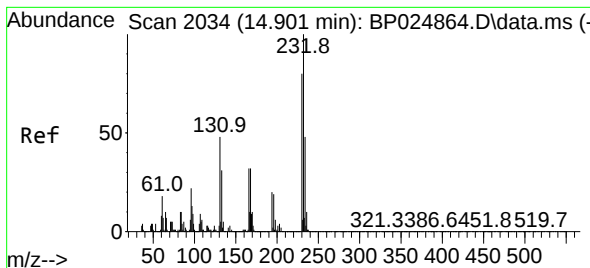
Tgt Ion:165 Resp: 735621
Ion Ratio Lower Upper
165 100
63 49.7 37.0 55.6
89 71.8 60.1 90.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 50.560 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:166 Resp: 2195484
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 13.5 10.6 16.0

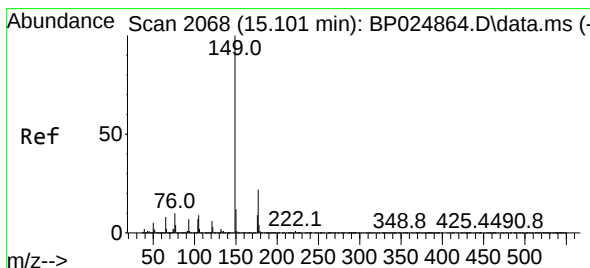
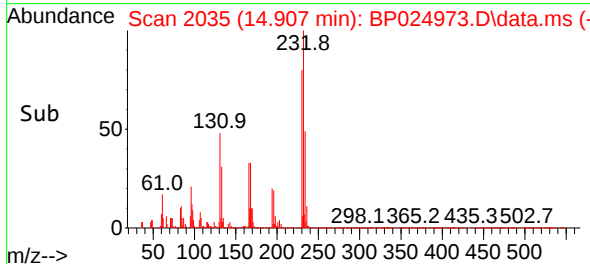
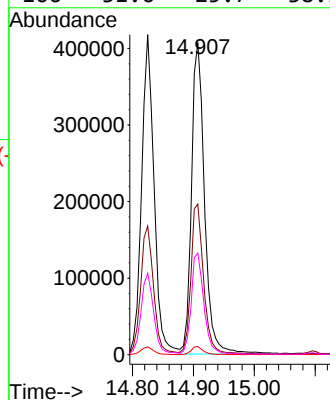
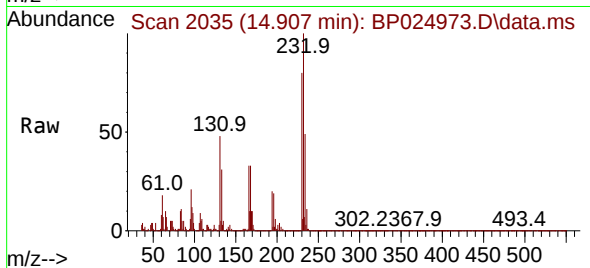




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.864 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

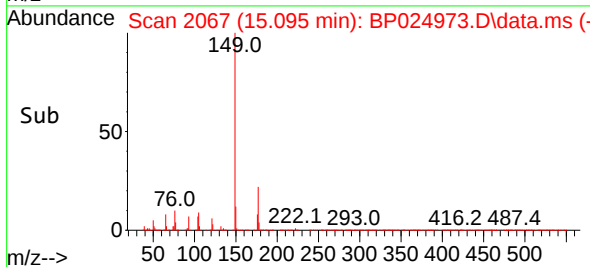
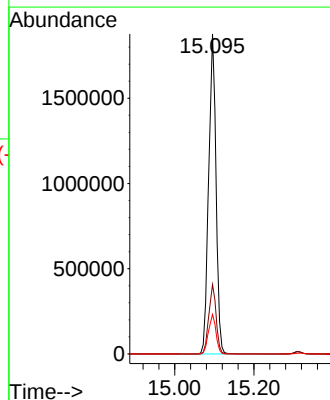
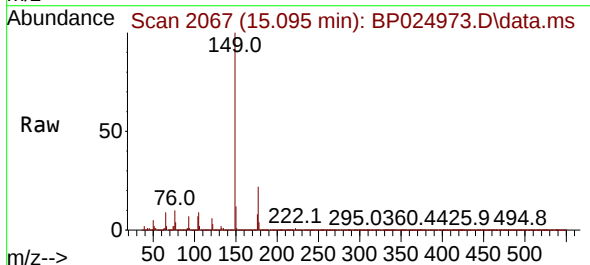
Instrument :
BNA_P
ClientSampleId :
PB168486BS

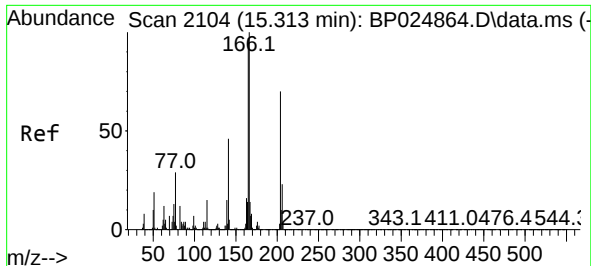
Tgt Ion:232 Resp: 604858
Ion Ratio Lower Upper
232 100
131 46.9 38.2 57.2
130 2.4 2.1 3.1
166 31.6 25.7 38.5



#60
Diethylphthalate
Concen: 52.410 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:149 Resp: 2417840
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.4 9.8 14.6

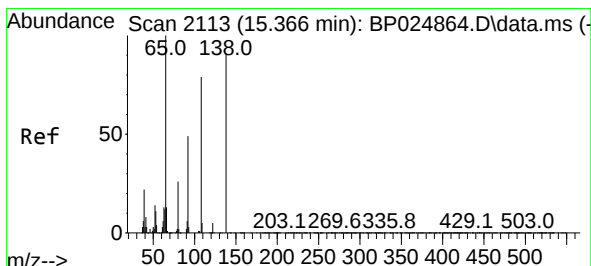
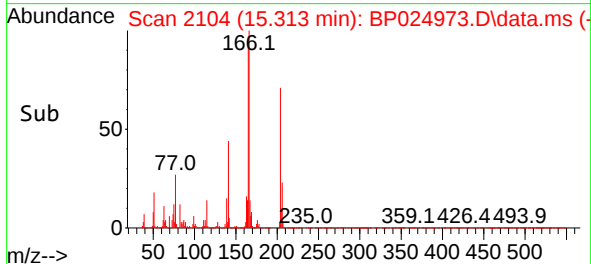
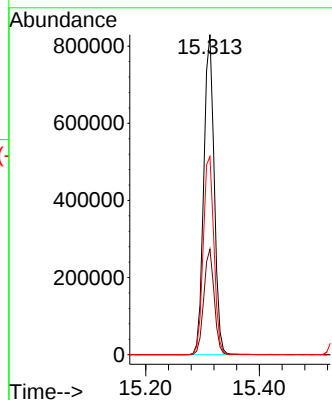
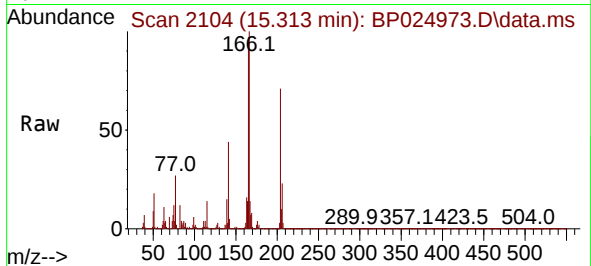




#61
4-Chlorophenyl-phenylether
Concen: 49.729 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

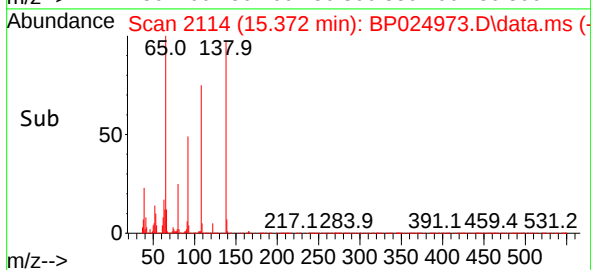
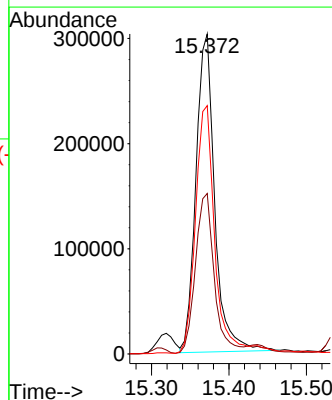
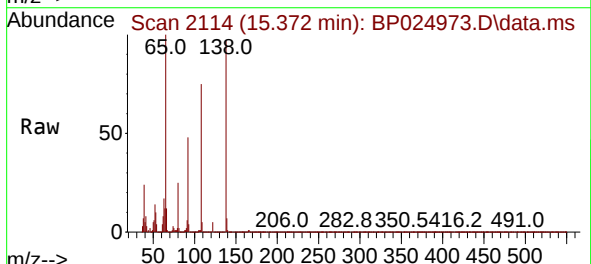
Instrument :
BNA_P
ClientSampleId :
PB168486BS

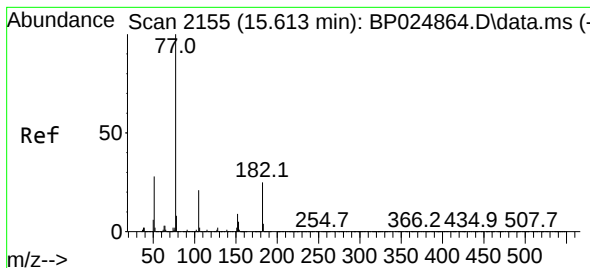
Tgt Ion:204 Resp: 1055844
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 61.9 52.4 78.6



#62
4-Nitroaniline
Concen: 54.169 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:138 Resp: 508640
Ion Ratio Lower Upper
138 100
92 50.1 33.5 73.5
108 77.6 65.1 105.1





#63

Azobenzene

Concen: 51.866 ng

RT: 15.613 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

Tgt Ion: 77 Resp: 2194451

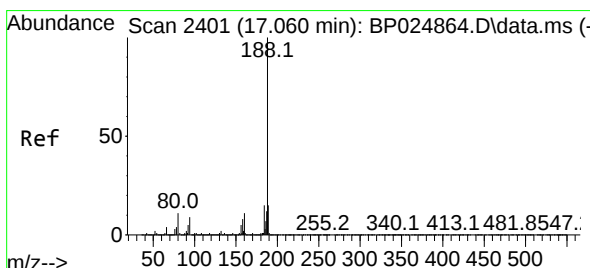
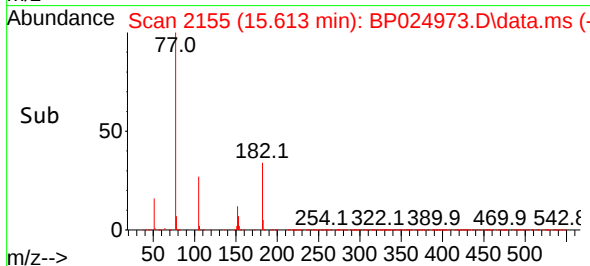
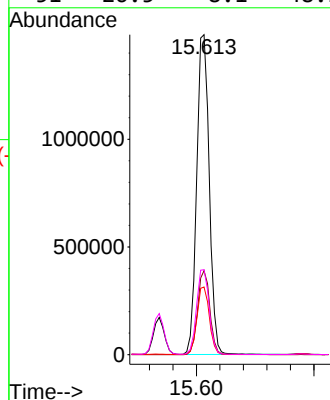
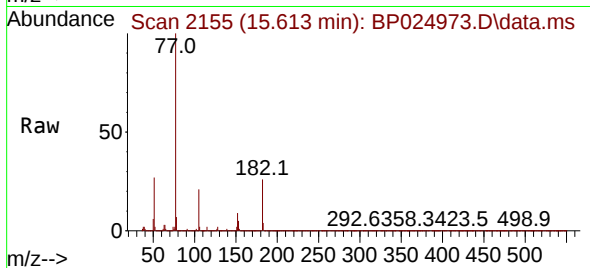
Ion Ratio Lower Upper

77 100

182 26.2 5.4 45.4

105 21.2 0.8 40.8

51 26.5 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: BP024973.D

Acq: 17 Jun 2025 13:16

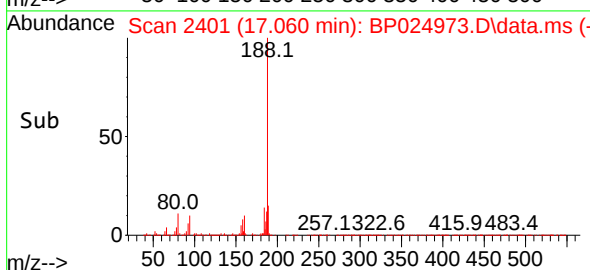
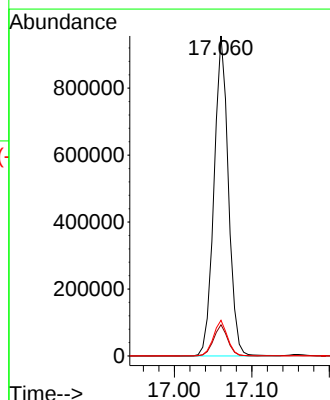
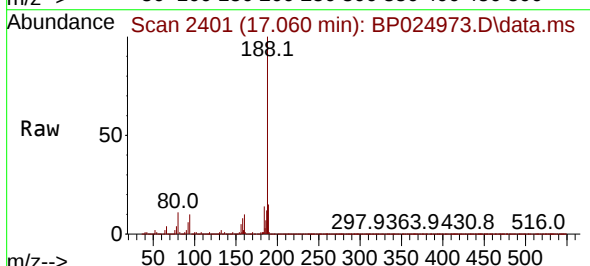
Tgt Ion: 188 Resp: 1228054

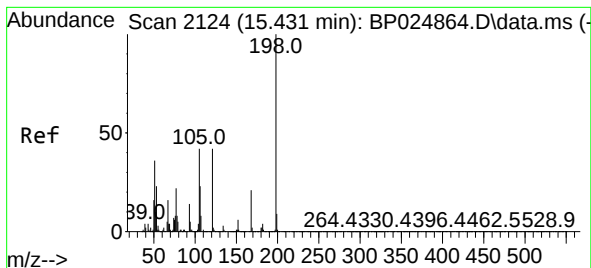
Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

80 11.2 8.5 12.7

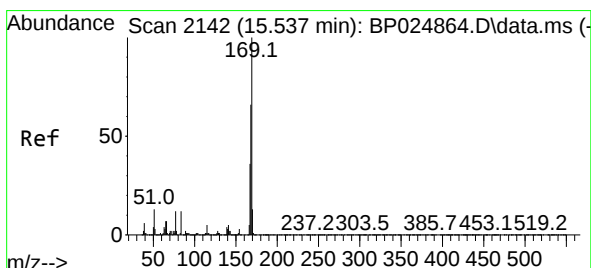
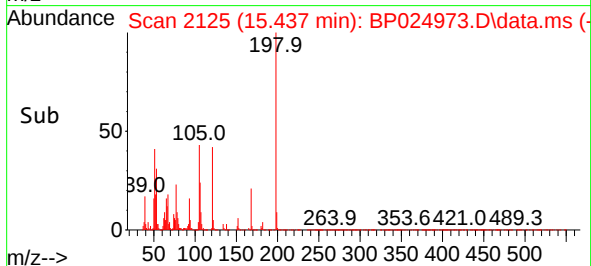
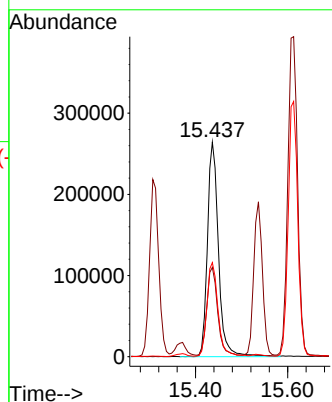
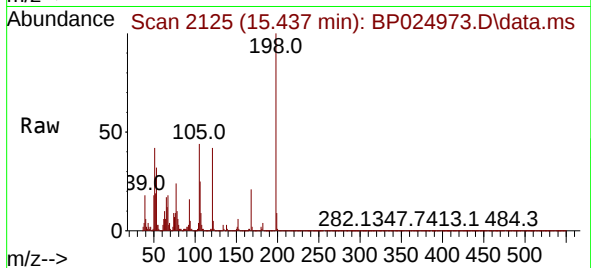




#65
4,6-Dinitro-2-methylphenol
Concen: 54.907 ng
RT: 15.437 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

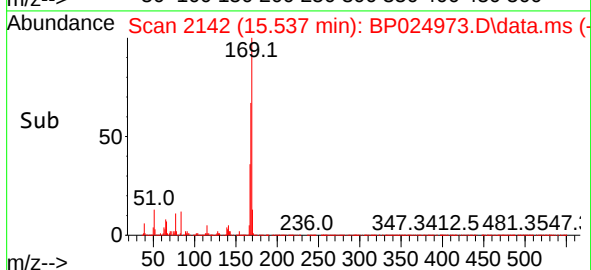
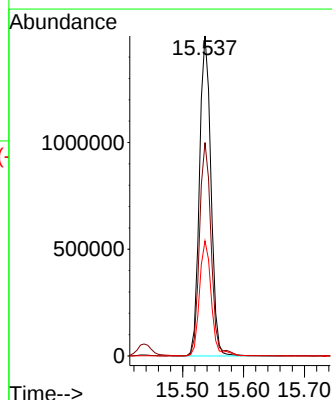
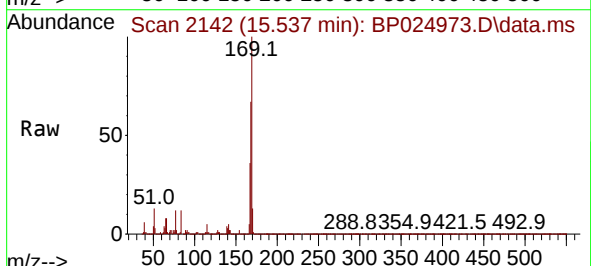
Instrument :
BNA_P
ClientSampleId :
PB168486BS

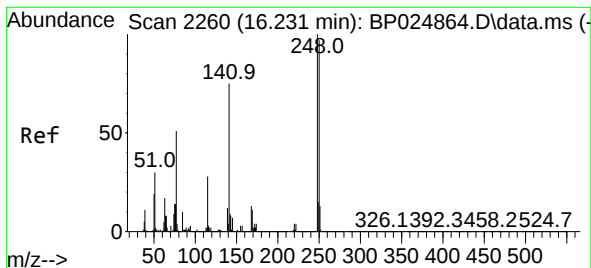
Tgt Ion:198 Resp: 443066
Ion Ratio Lower Upper
198 100
51 41.6 19.2 59.2
105 43.9 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 51.335 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:169 Resp: 1953998
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.9 28.6 43.0

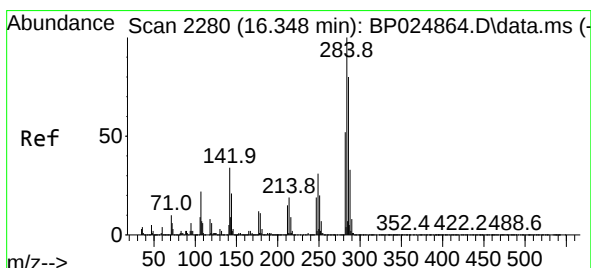
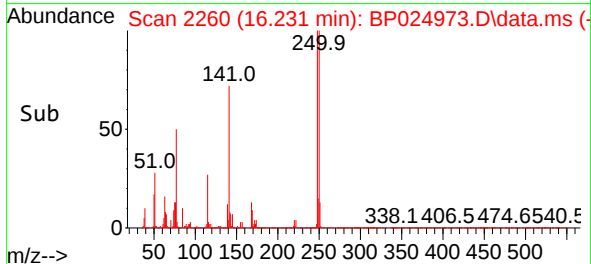
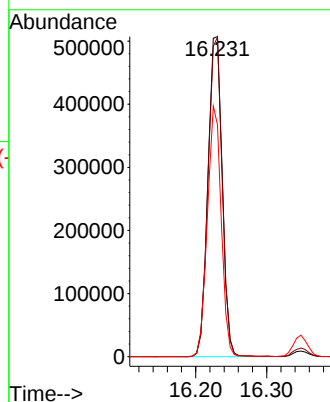
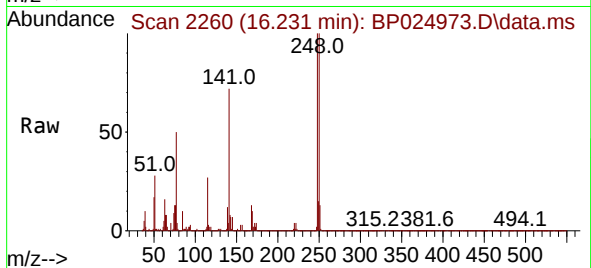




#67
4-Bromophenyl-phenylether
Concen: 51.453 ng
RT: 16.231 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

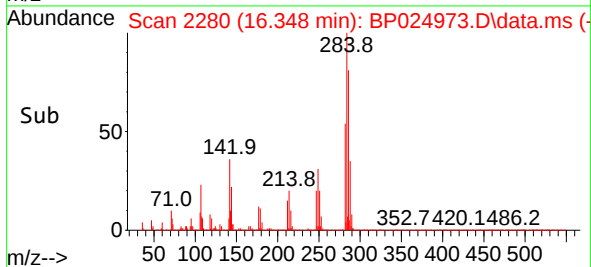
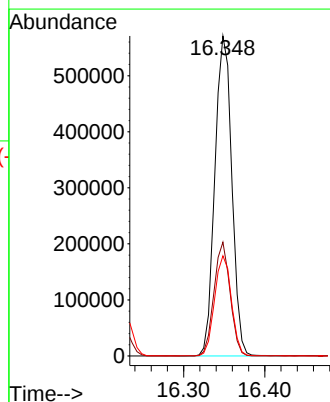
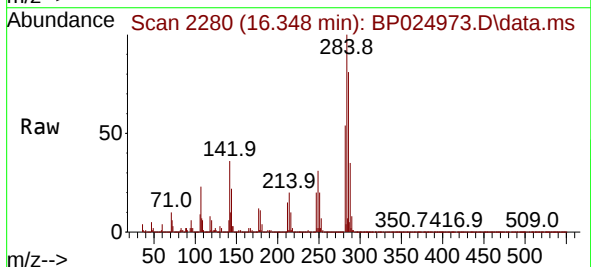
Instrument :
BNA_P
ClientSampleId :
PB168486BS

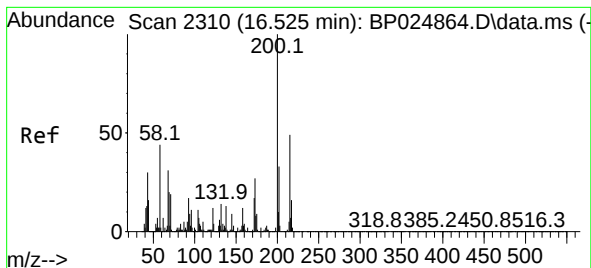
Tgt Ion:248 Resp: 712962
Ion Ratio Lower Upper
248 100
250 99.9 77.4 116.2
141 72.5 59.9 89.9



#68
Hexachlorobenzene
Concen: 49.342 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:284 Resp: 828852
Ion Ratio Lower Upper
284 100
142 35.6 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 54.879 ng

RT: 16.519 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

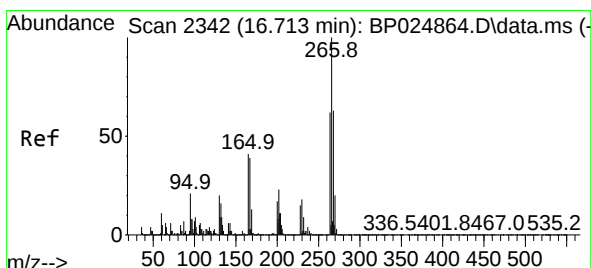
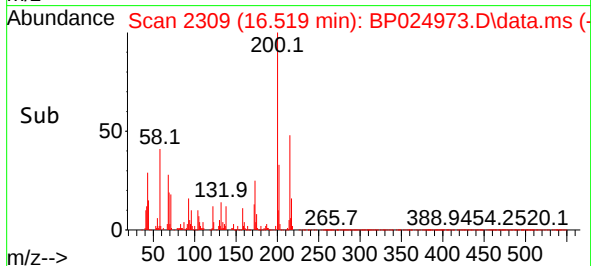
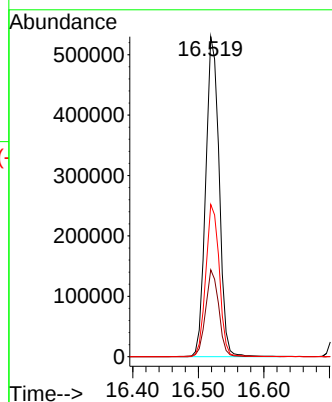
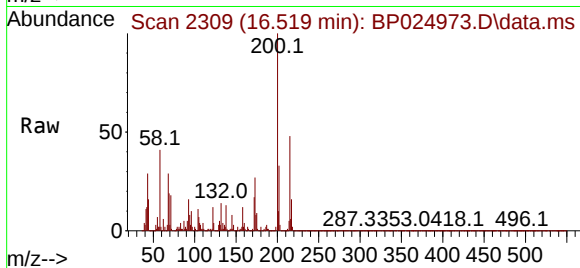
Tgt Ion:200 Resp: 757263

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

215 47.6 28.7 68.7



#70

Pentachlorophenol

Concen: 120.314 ng

RT: 16.719 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

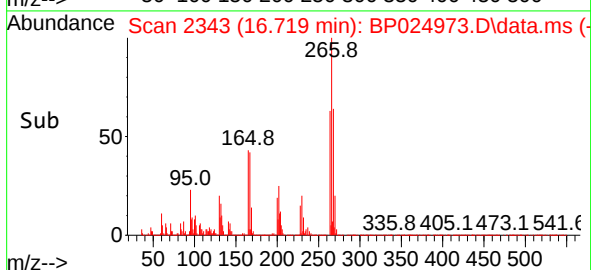
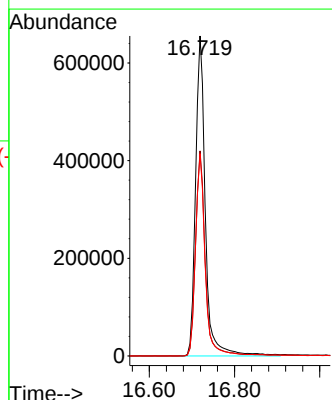
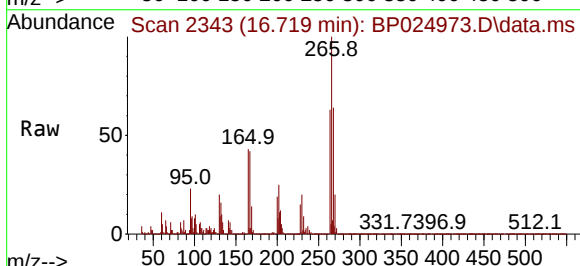
Tgt Ion:266 Resp: 1045984

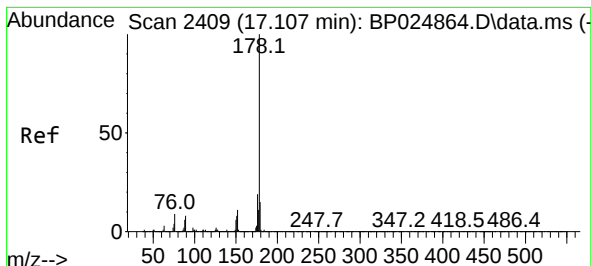
Ion Ratio Lower Upper

266 100

268 64.1 50.6 76.0

264 63.2 49.7 74.5





#71

Phenanthrene

Concen: 50.124 ng

RT: 17.101 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

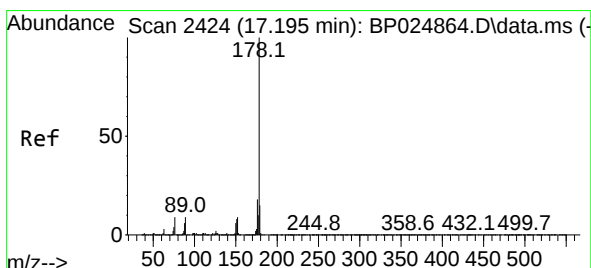
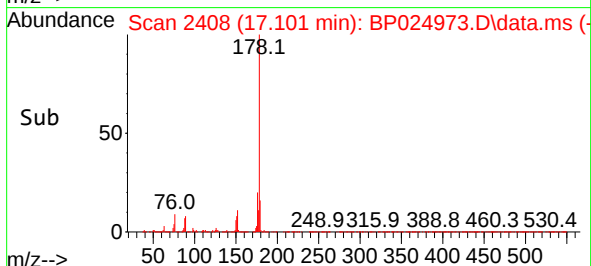
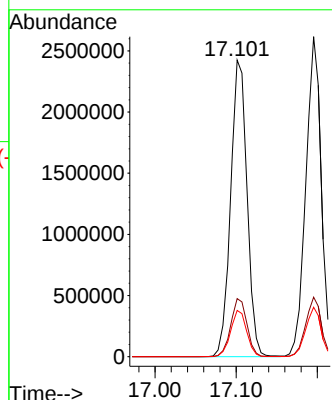
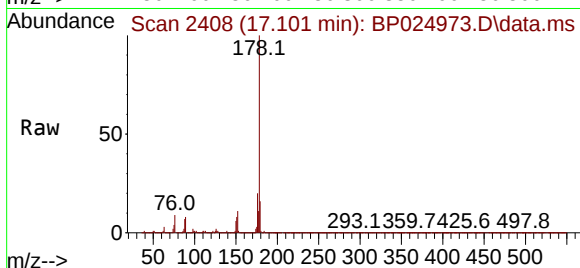
Tgt Ion:178 Resp: 3401627

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.6 12.1 18.1



#72

Anthracene

Concen: 50.598 ng

RT: 17.195 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

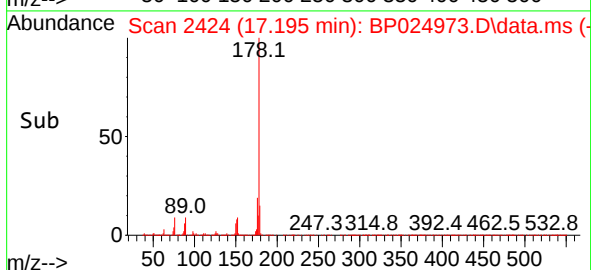
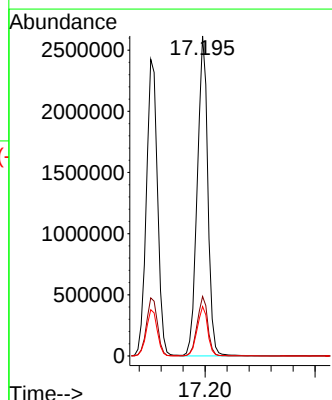
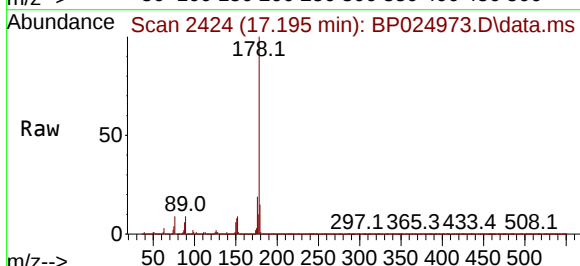
Tgt Ion:178 Resp: 3477600

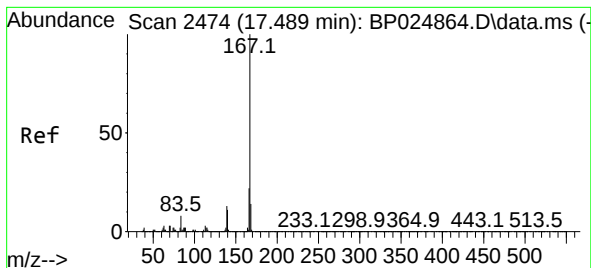
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.5 12.3 18.5





#73

Carbazole

Concen: 52.622 ng

RT: 17.484 min Scan# 2474

Delta R.T. -0.006 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

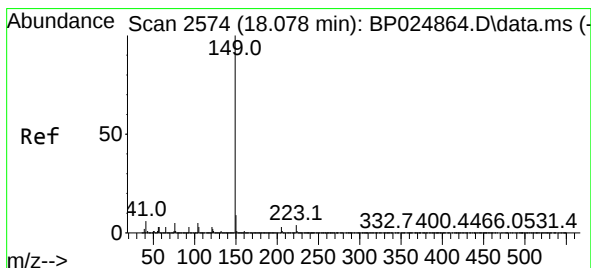
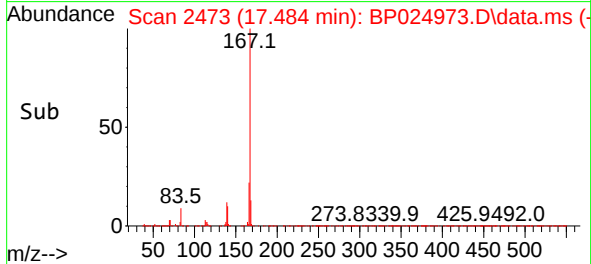
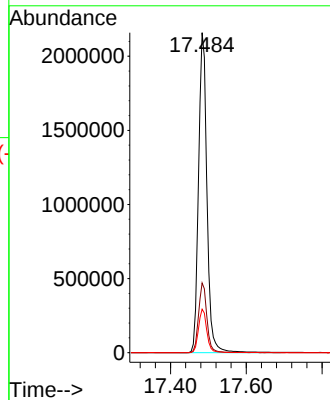
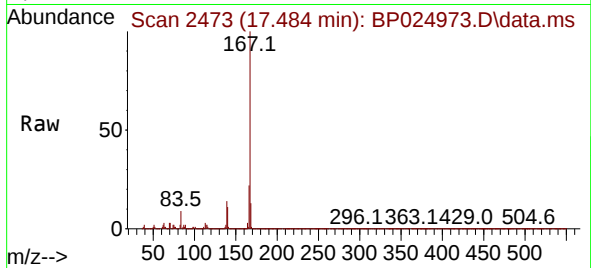
Tgt Ion:167 Resp: 3352362

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.6 10.8 16.2



#74

Di-n-butylphthalate

Concen: 54.840 ng

RT: 18.066 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

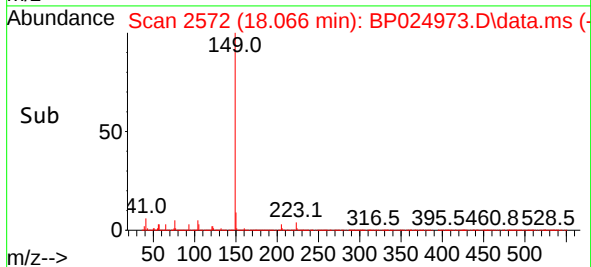
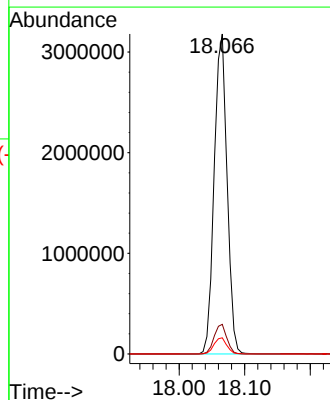
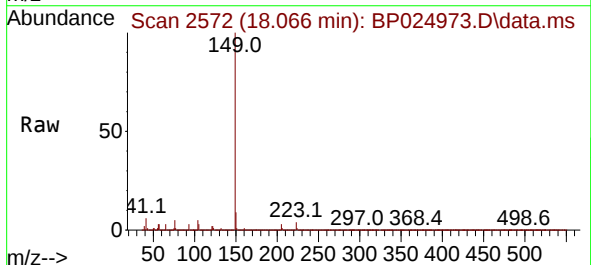
Tgt Ion:149 Resp: 4328604

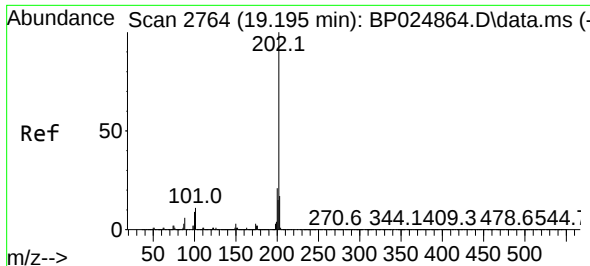
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.2 6.2

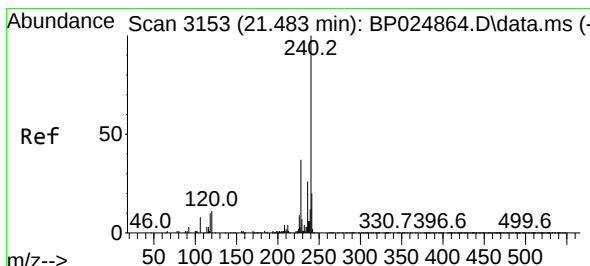
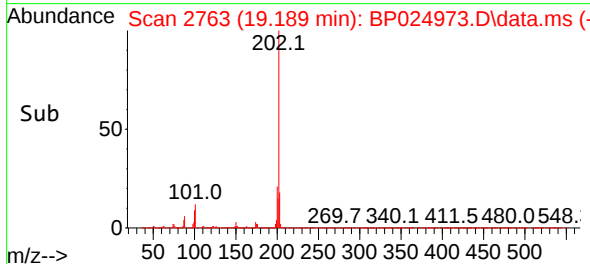
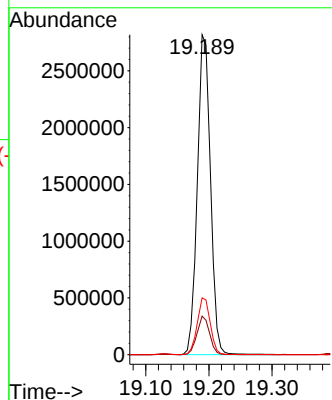
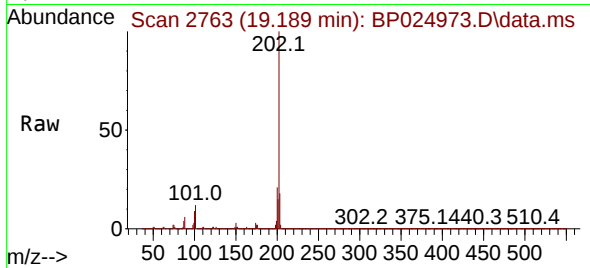




#75
Fluoranthene
Concen: 51.607 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

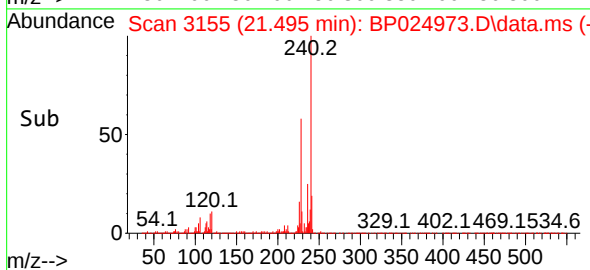
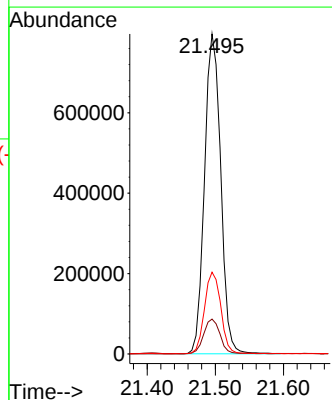
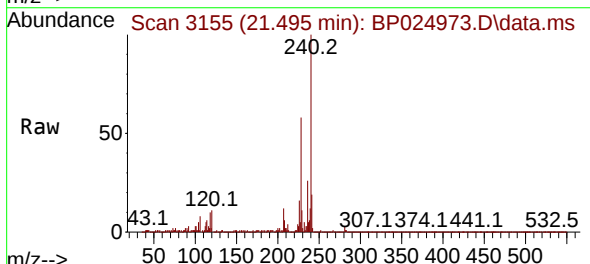
Instrument :
BNA_P
ClientSampleId :
PB168486BS

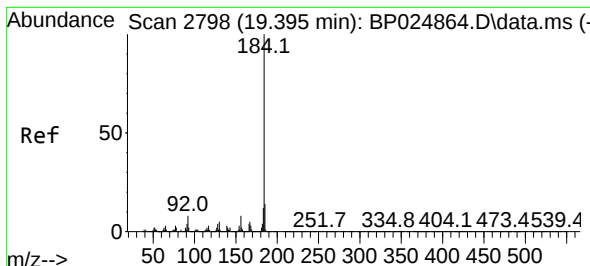
Tgt Ion:202 Resp: 4059265
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:240 Resp: 1317314
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.5 20.9 31.3





#77

Benzidine

Concen: 51.324 ng

RT: 19.395 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

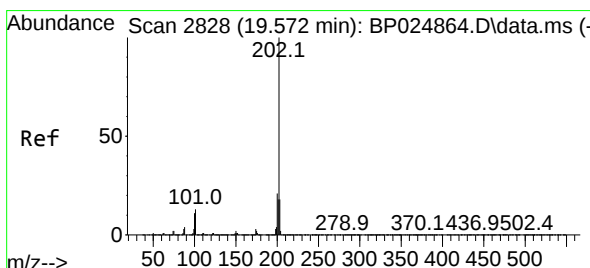
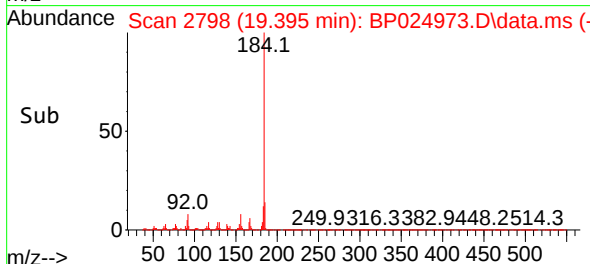
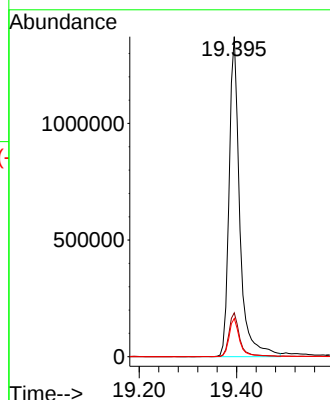
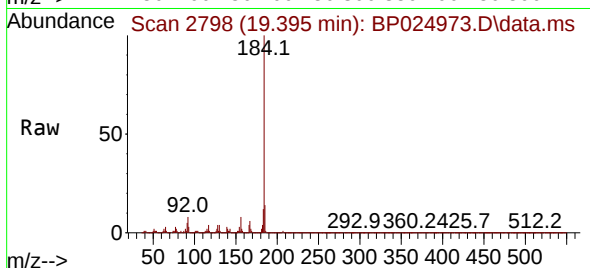
Tgt Ion:184 Resp: 2093970

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.0

183 12.0 9.5 14.3



#78

Pyrene

Concen: 51.893 ng

RT: 19.572 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

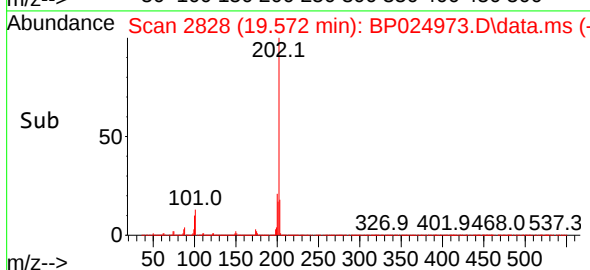
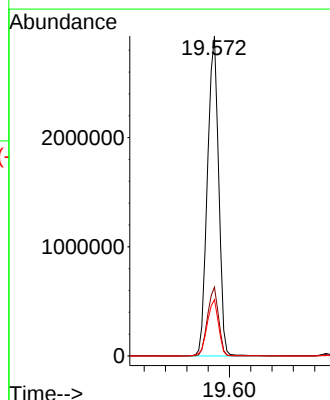
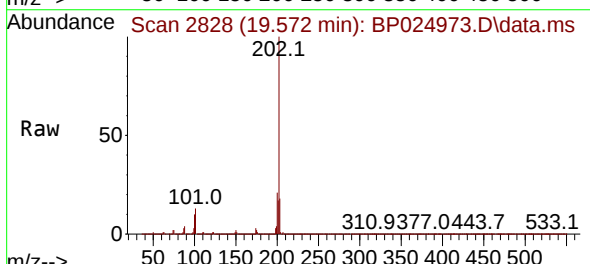
Tgt Ion:202 Resp: 4270712

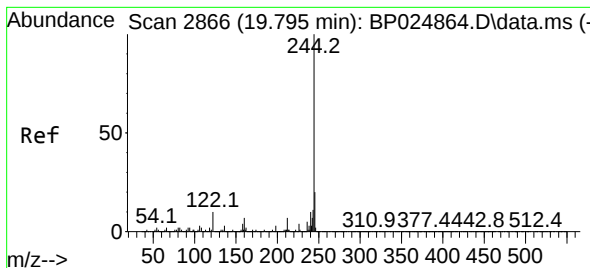
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 91.899 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

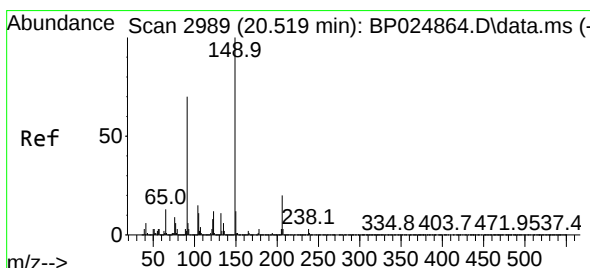
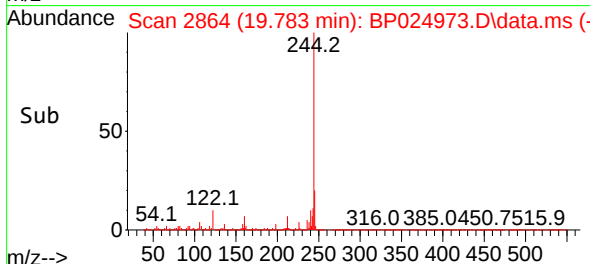
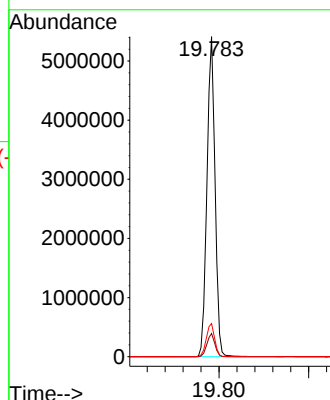
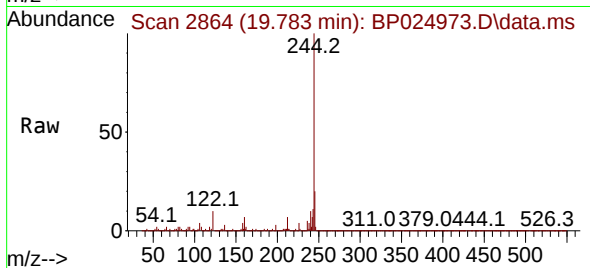
Tgt Ion:244 Resp: 6754620

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 55.488 ng

RT: 20.519 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

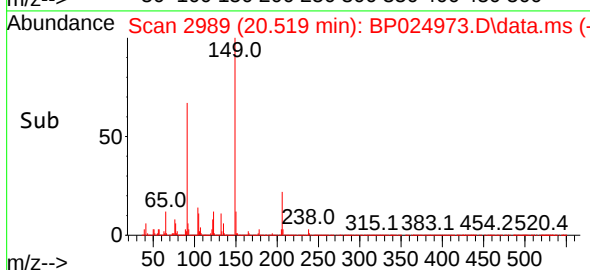
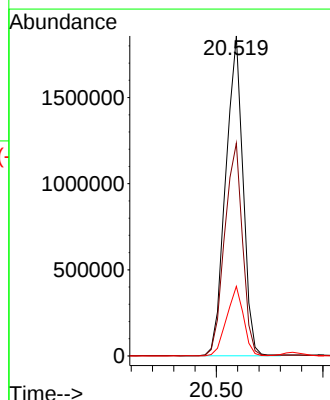
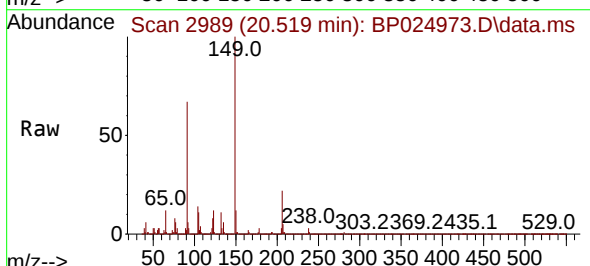
Tgt Ion:149 Resp: 2091739

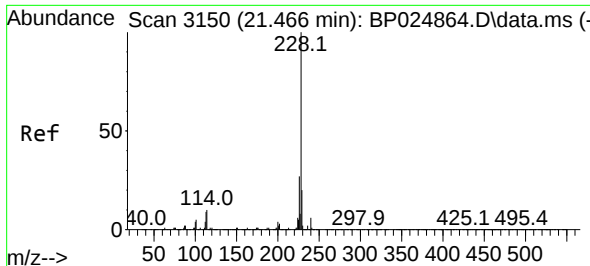
Ion Ratio Lower Upper

149 100

91 66.5 55.8 83.8

206 21.8 16.2 24.2

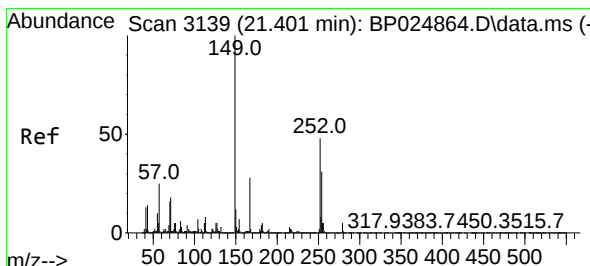
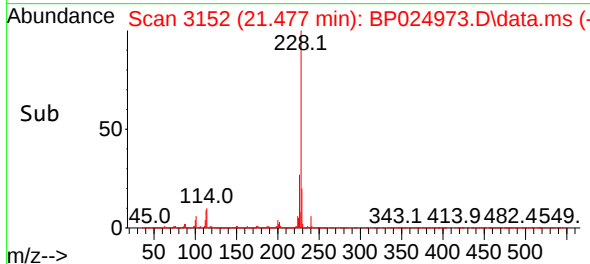
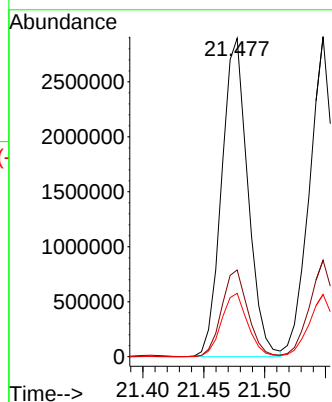
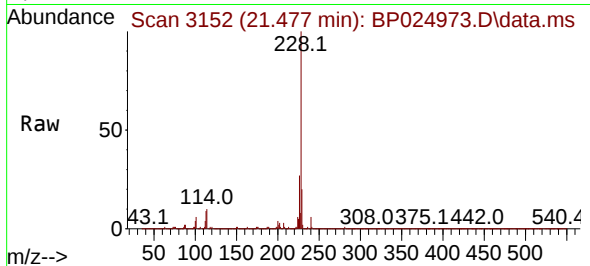




#81
Benzo(a)anthracene
Concen: 51.541 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.012 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

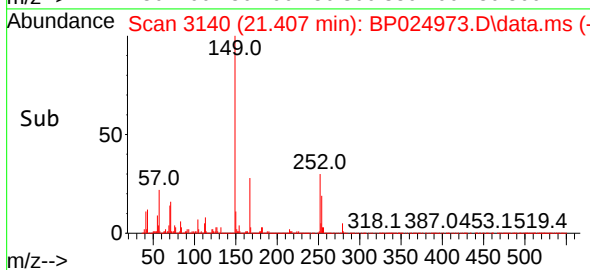
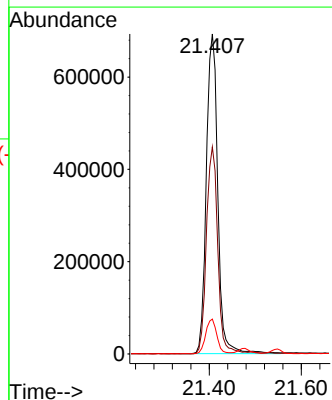
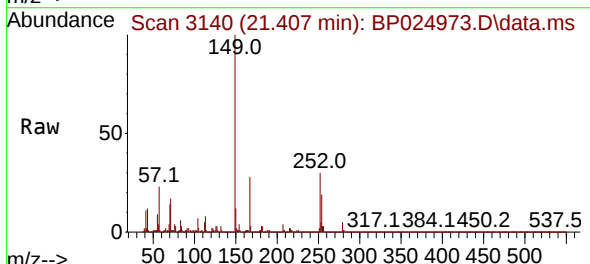
Instrument :
BNA_P
ClientSampleId :
PB168486BS

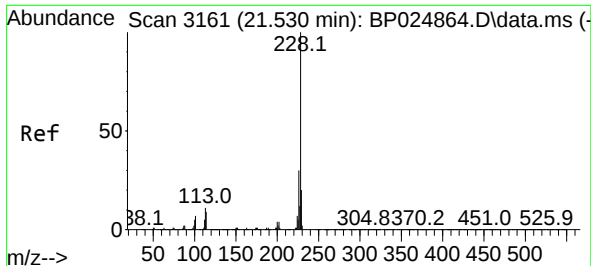
Tgt Ion:228 Resp: 4342441
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 36.023 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:252 Resp: 1204925
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 10.9 8.6 12.8





#83

Chrysene

Concen: 51.429 ng

RT: 21.548 min Scan# 3161

Delta R.T. 0.018 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

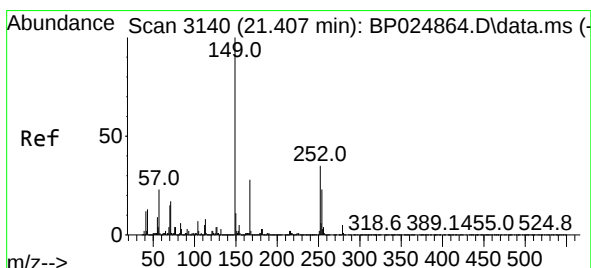
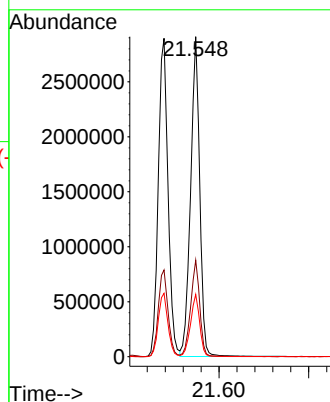
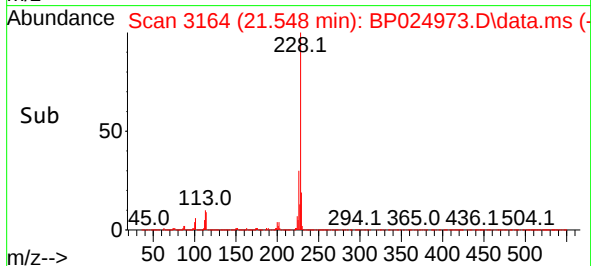
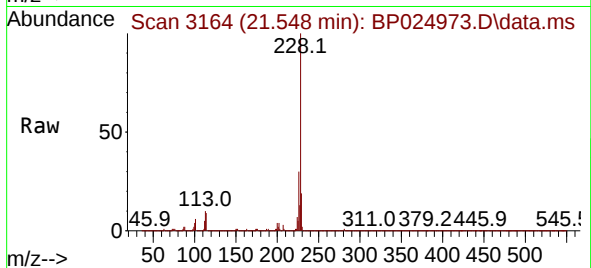
Tgt Ion:228 Resp: 4105653

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.772 ng

RT: 21.407 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

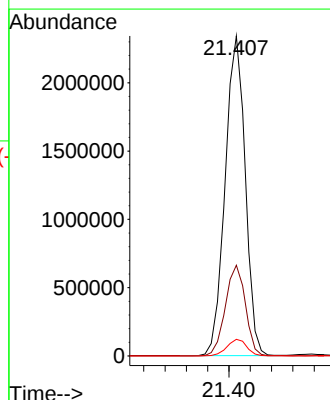
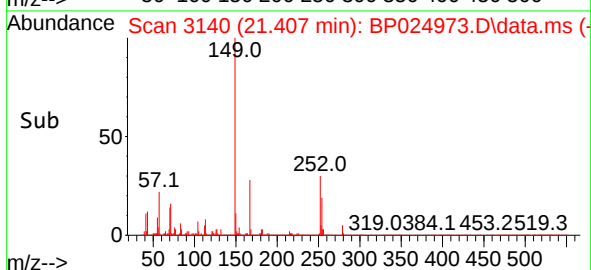
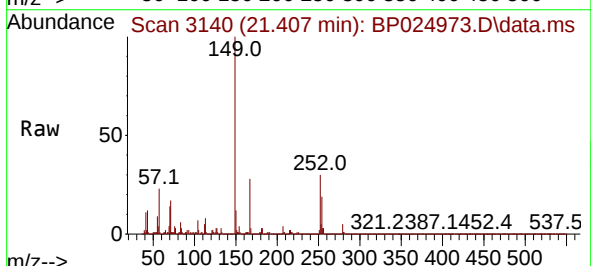
Tgt Ion:149 Resp: 3066292

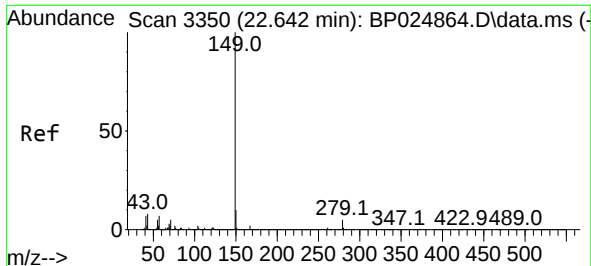
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 5.2 4.0 6.0

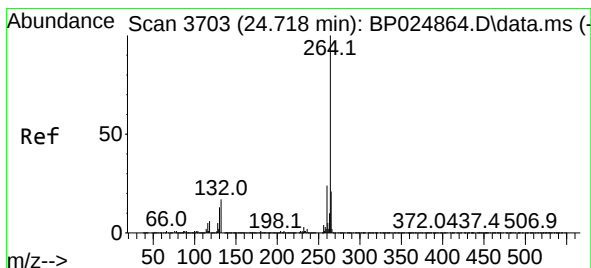
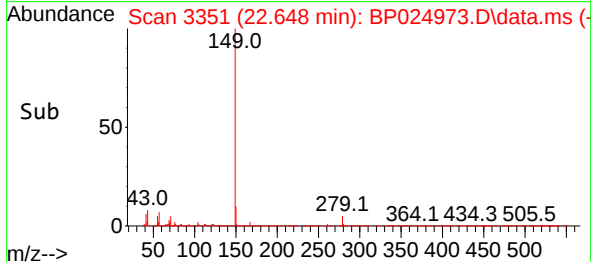
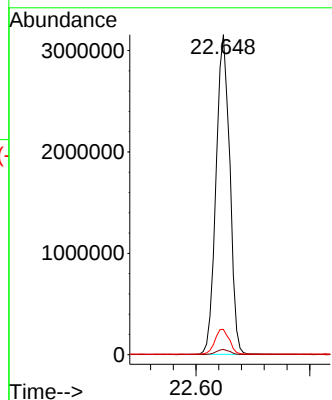
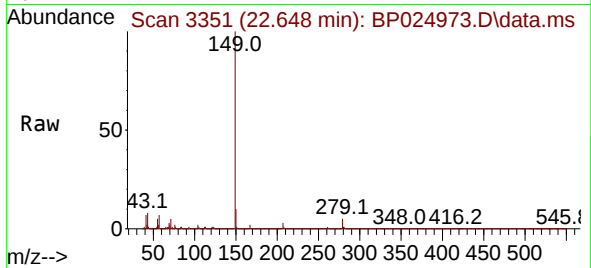




#85
Di-n-octyl phthalate
Concen: 55.512 ng
RT: 22.648 min Scan# 311
Delta R.T. 0.006 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

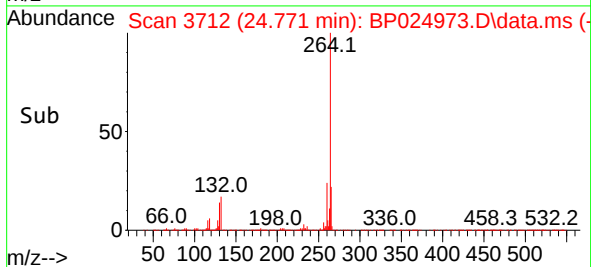
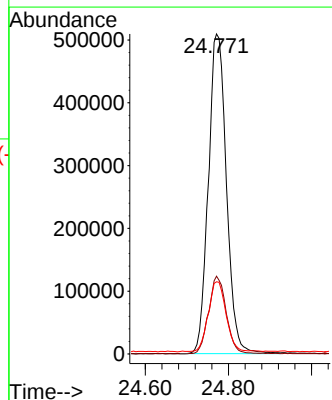
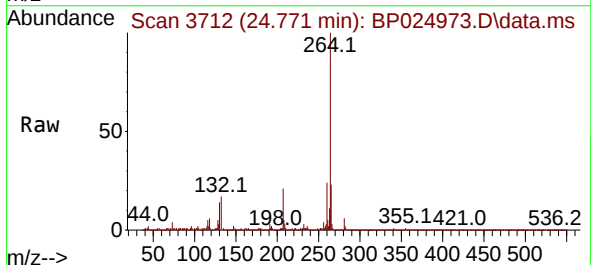
Instrument :
BNA_P
ClientSampleId :
PB168486BS

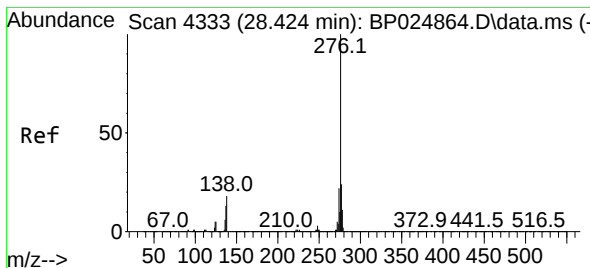
Tgt Ion:149 Resp: 5284716
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.771 min Scan# 3712
Delta R.T. 0.053 min
Lab File: BP024973.D
Acq: 17 Jun 2025 13:16

Tgt Ion:264 Resp: 1539899
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.246 ng

RT: 28.489 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

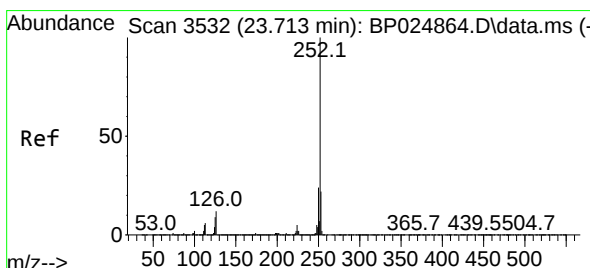
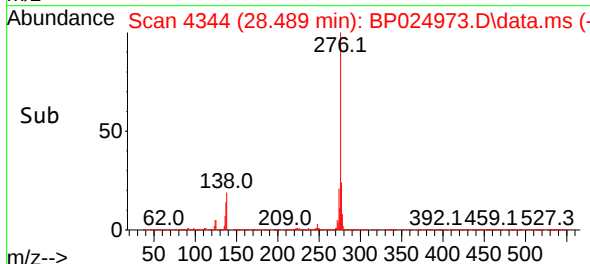
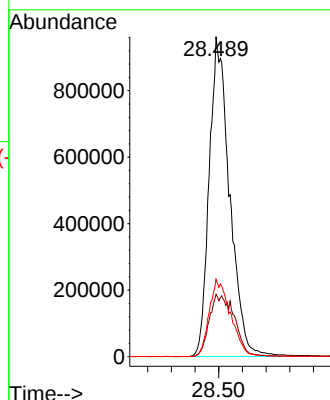
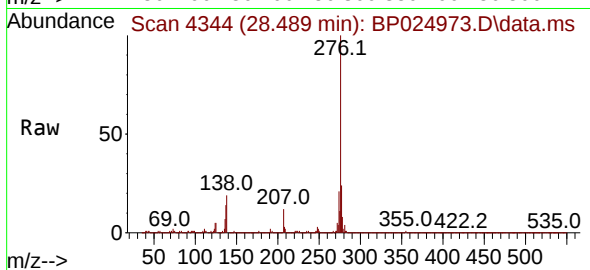
Tgt Ion:276 Resp: 5757662

Ion Ratio Lower Upper

276 100

138 9.5 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.976 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.024 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

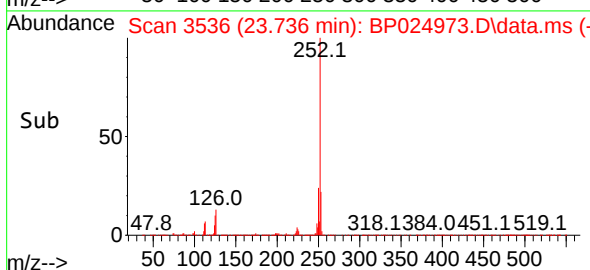
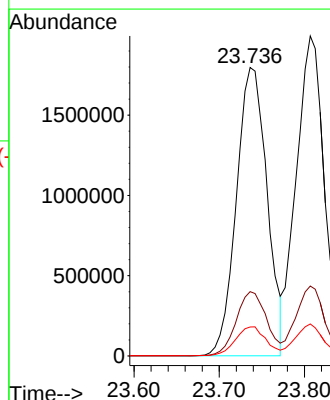
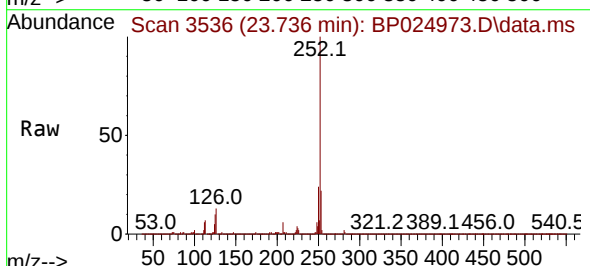
Tgt Ion:252 Resp: 4492428

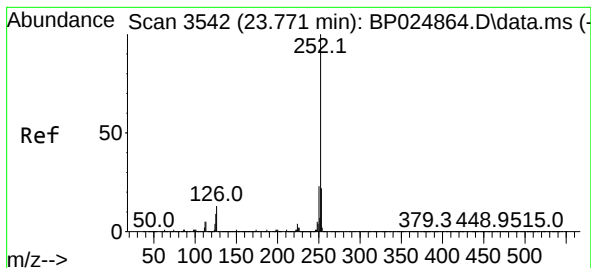
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.424 ng

RT: 23.807 min Scan# 3548

Delta R.T. 0.035 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

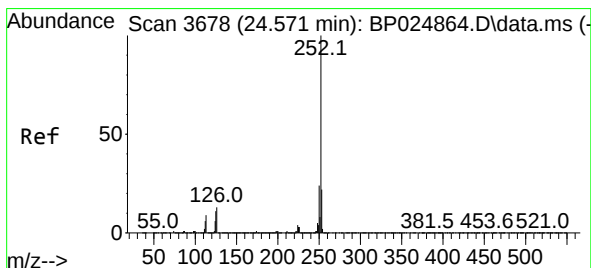
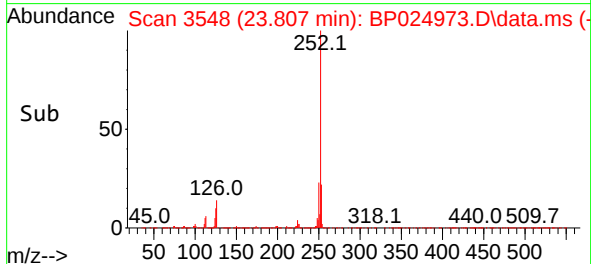
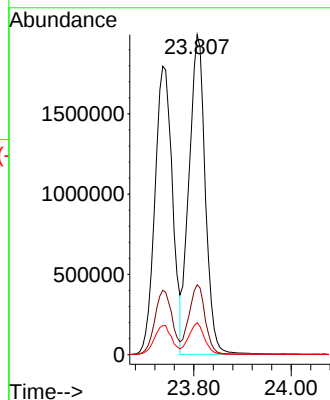
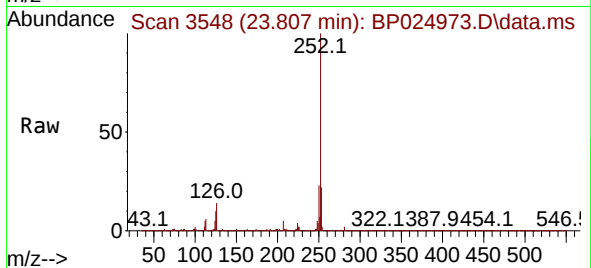
Tgt Ion:252 Resp: 4613063

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.0 7.4 11.0



#90

Benzo(a)pyrene

Concen: 51.690 ng

RT: 24.618 min Scan# 3686

Delta R.T. 0.047 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

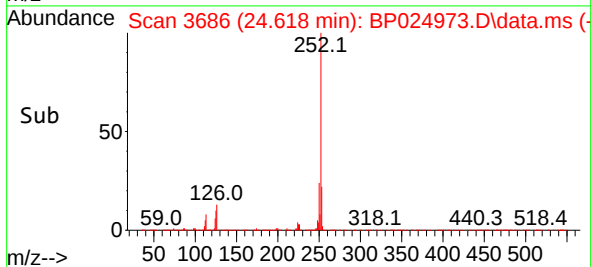
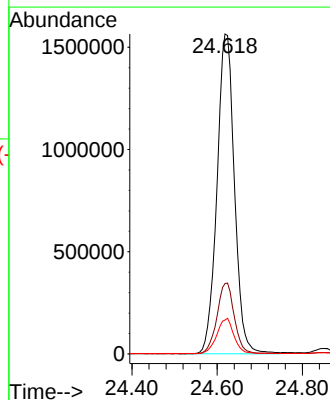
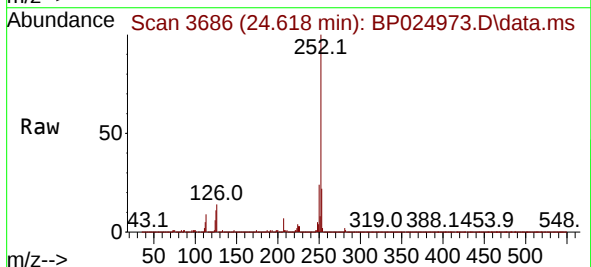
Tgt Ion:252 Resp: 4448729

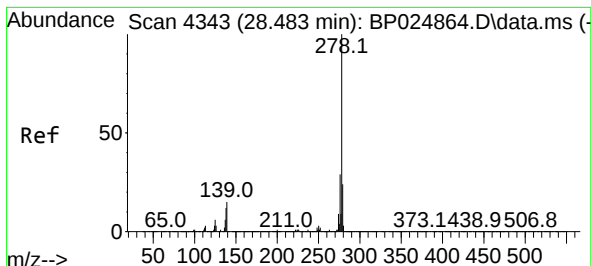
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.361 ng

RT: 28.554 min Scan# 41

Delta R.T. 0.071 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Instrument :

BNA_P

ClientSampleId :

PB168486BS

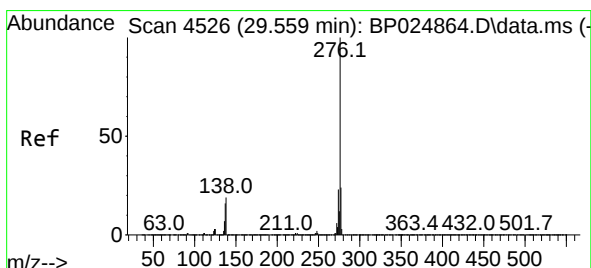
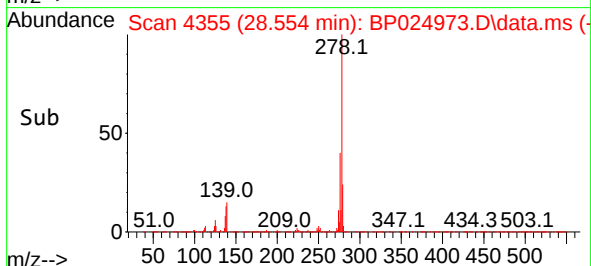
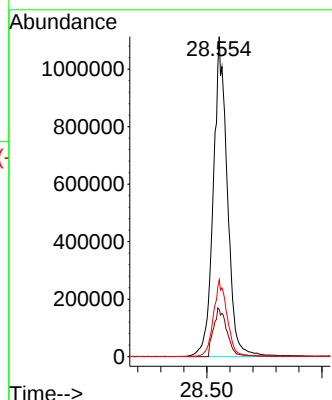
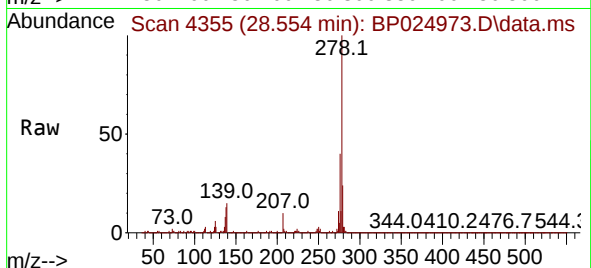
Tgt Ion:278 Resp: 4697171

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.712 ng

RT: 29.653 min Scan# 4542

Delta R.T. 0.094 min

Lab File: BP024973.D

Acq: 17 Jun 2025 13:16

Tgt Ion:276 Resp: 4601614

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 20.8 15.4 23.2

