

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024136.D
 Acq On : 28 Feb 2025 15:33
 Operator : RC/JU
 Sample : PB166907BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166907BS

Quant Time: Feb 28 16:11:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	384945	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1526080	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	908283	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1698626	20.000	ng	0.01
76) Chrysene-d12	21.645	240	1762582	20.000	ng	0.00
86) Perylene-d12	25.051	264	1886973	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3463047	140.373	ng	0.00
7) Phenol-d6	6.952	99	4334182	136.691	ng	0.00
23) Nitrobenzene-d5	8.910	82	2505493	91.593	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1704325	153.192	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5645608	86.895	ng	0.00
79) Terphenyl-d14	19.910	244	8353335	93.778	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	389780	40.276	ng	99
3) Pyridine	3.711	79	948986	37.716	ng	99
4) n-Nitrosodimethylamine	3.617	42	364236	40.811	ng	92
6) Aniline	7.099	93	993960	34.230	ng	99
8) 2-Chlorophenol	7.334	128	1149649	44.028	ng	97
9) Benzaldehyde	6.911	77	415542	28.705	ng	99
10) Phenol	6.975	94	1421741	44.590	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	1061001	42.249	ng	99
12) 1,3-Dichlorobenzene	7.652	146	1188846	41.443	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1206456	41.587	ng	99
14) 1,2-Dichlorobenzene	8.111	146	1171776	42.088	ng	99
15) Benzyl Alcohol	7.999	79	922957	47.553	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1124073	46.109	ng	98
17) 2-Methylphenol	8.205	107	926030	47.659	ng	99
18) Hexachloroethane	8.834	117	440369	42.150	ng	99
19) n-Nitroso-di-n-propyla...	8.563	70	778632	45.672	ng	99
20) 3+4-Methylphenols	8.528	107	1261414	47.722	ng	99
22) Acetophenone	8.575	105	1779694	45.382	ng	# 100
24) Nitrobenzene	8.952	77	1143653	42.482	ng	99
25) Isophorone	9.475	82	2143913	47.927	ng	99
26) 2-Nitrophenol	9.657	139	581554	46.889	ng	97
27) 2,4-Dimethylphenol	9.722	122	945909	58.100	ng	100
28) bis(2-Chloroethoxy)met...	9.952	93	1381811	42.641	ng	100
29) 2,4-Dichlorophenol	10.193	162	1017182	45.781	ng	100
30) 1,2,4-Trichlorobenzene	10.405	180	1025297	40.276	ng	99
31) Naphthalene	10.593	128	3298611	40.199	ng	99
32) Benzoic acid	9.875	122	792166	46.627	ng	99
33) 4-Chloroaniline	10.699	127	512216	17.719	ng	99
34) Hexachlorobutadiene	10.881	225	607363	41.192	ng	100
35) Caprolactam	11.493	113	370219	49.299	ng	97
36) 4-Chloro-3-methylphenol	11.840	107	1062975	46.539	ng	99
37) 2-Methylnaphthalene	12.204	142	2212842	40.573	ng	99
38) 1-Methylnaphthalene	12.422	142	2149917	40.521	ng	100
40) 1,2,4,5-Tetrachloroben...	12.575	216	1267310	45.411	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1319497	127.062	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	776322	45.614	ng	100

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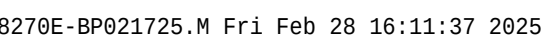
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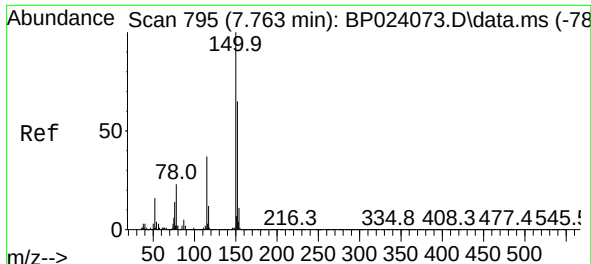
Quant Time: Feb 28 16:11:23 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.893	196	846658	45.487	ng	98
46) 1,1'-Biphenyl	13.222	154	3184481	45.119	ng	99
47) 2-Chloronaphthalene	13.263	162	2197413	41.185	ng	100
48) 2-Nitroaniline	13.469	65	623603	49.479	ng	95
49) Acenaphthylene	14.116	152	3547406	45.128	ng	100
50) Dimethylphthalate	13.851	163	2744946	42.844	ng	100
51) 2,6-Dinitrotoluene	13.969	165	595306	45.614	ng	94
52) Acenaphthene	14.463	154	2131033	42.098	ng	98
53) 3-Nitroaniline	14.298	138	353355	25.373	ng	98
54) 2,4-Dinitrophenol	14.510	184	750152	86.484	ng	93
55) Dibenzofuran	14.804	168	3312528	40.282	ng	98
56) 4-Nitrophenol	14.634	139	1251094	103.998	ng	95
57) 2,4-Dinitrotoluene	14.769	165	845072	49.846	ng	97
58) Fluorene	15.463	166	2701747	42.069	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	728577	45.116	ng	98
60) Diethylphthalate	15.234	149	2762425	43.434	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1321017	41.790	ng	98
62) 4-Nitroaniline	15.481	138	659464	40.546	ng	95
63) Azobenzene	15.757	77	2532213	42.488	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	452915	42.321	ng	94
66) n-Nitrosodiphenylamine	15.675	169	2337740	44.132	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	827388	43.376	ng	96
68) Hexachlorobenzene	16.487	284	990731	44.141	ng	97
69) Atrazine	16.651	200	927386	68.220	ng	98
70) Pentachlorophenol	16.845	266	1416987	97.203	ng	100
71) Phenanthrene	17.239	178	4075908	42.561	ng	100
72) Anthracene	17.328	178	4174859	45.491	ng	100
73) Carbazole	17.610	167	3952334	45.201	ng	100
74) Di-n-butylphthalate	18.198	149	4785898	46.909	ng	99
75) Fluoranthene	19.322	202	4685867	43.260	ng	100
77) Benzidine	19.516	184	1817476	84.620	ng	99
78) Pyrene	19.698	202	4905742	43.818	ng	100
80) Butylbenzylphthalate	20.645	149	2163140	50.421	ng	95
81) Benzo(a)anthracene	21.627	228	4886428	44.212	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	1294829	37.492	ng	99
83) Chrysene	21.698	228	4562320	42.809	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	3281730	50.443	ng	99
85) Di-n-octyl phthalate	22.863	149	5648291	54.316	ng	98
87) Indeno(1,2,3-cd)pyrene	28.904	276	5037805	37.528	ng	# 92
88) Benzo(b)fluoranthene	23.968	252	4895584	40.855	ng	100
89) Benzo(k)fluoranthene	24.039	252	5009970	42.954	ng	100
90) Benzo(a)pyrene	24.886	252	4693073	46.149	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	4903643	43.444	ng	99
92) Benzo(g,h,i)perylene	30.103	276	4595150	40.119	ng	99

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

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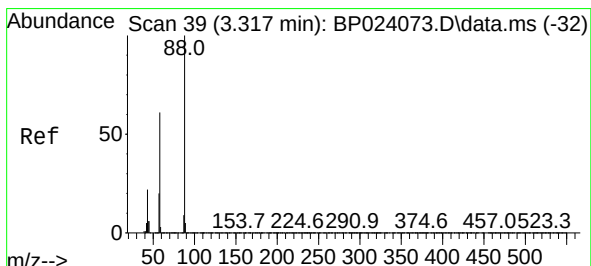
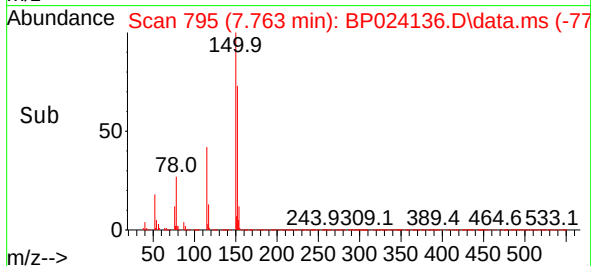
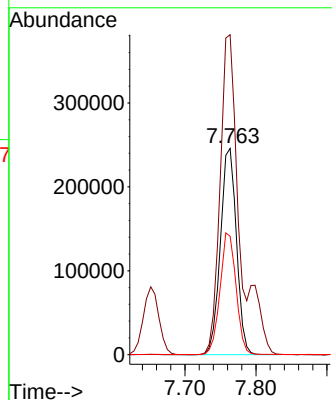
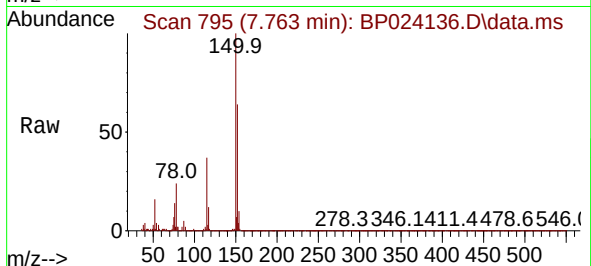




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BP024136.D
 Acq: 28 Feb 2025 15:33

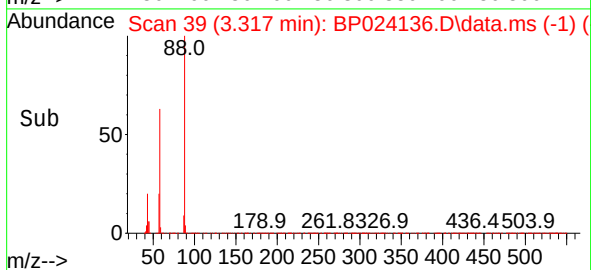
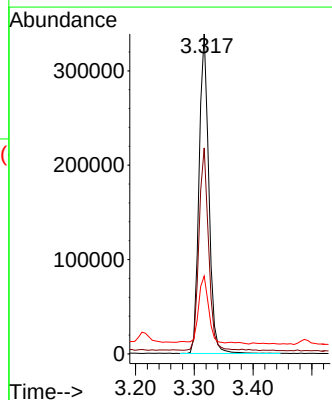
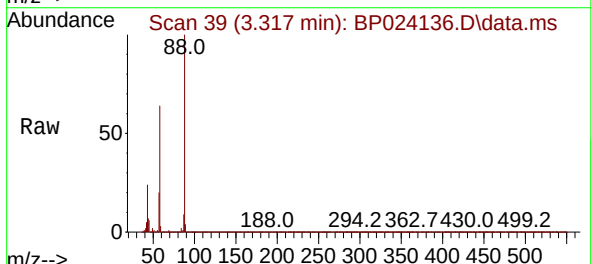
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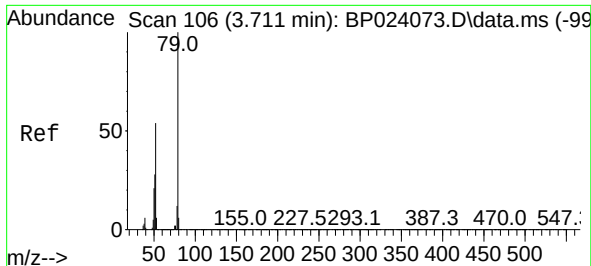
Tgt Ion:152 Resp: 384945
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.4 183.6
 115 57.4 45.0 67.6



#2
 1,4-Dioxane
 Concen: 40.276 ng
 RT: 3.317 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BP024136.D
 Acq: 28 Feb 2025 15:33

Tgt Ion: 88 Resp: 389780
 Ion Ratio Lower Upper
 88 100
 58 62.2 49.1 73.7
 43 21.3 18.0 27.0

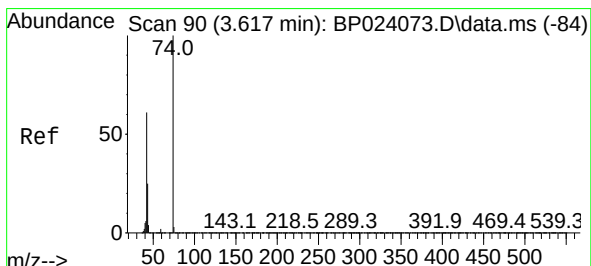
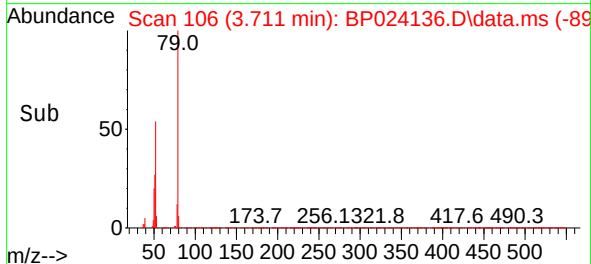
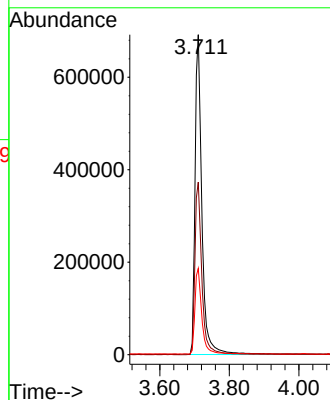
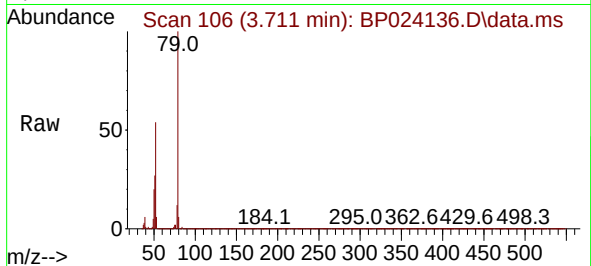




#3
Pyridine
Concen: 37.716 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

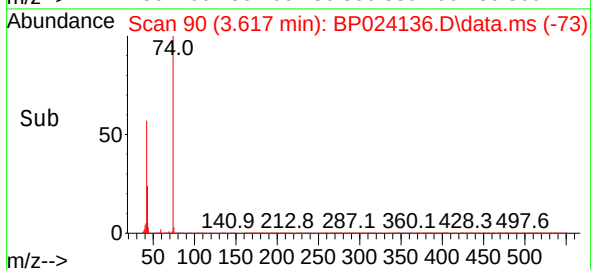
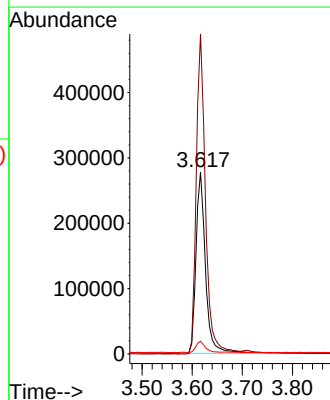
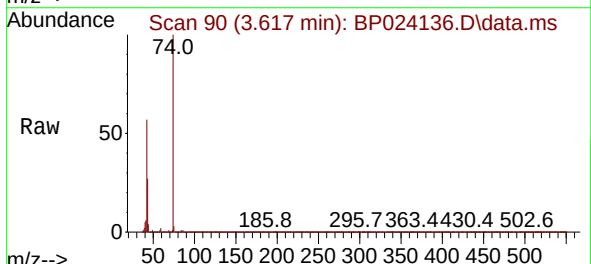
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BNA_P
ClientSampleId :
PB166907BS

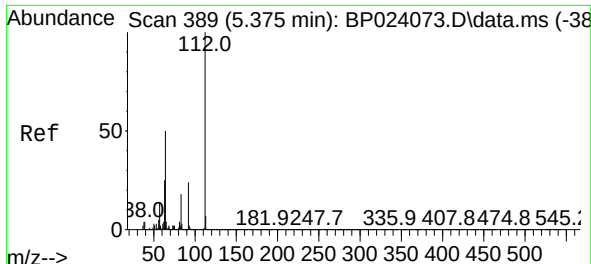
Tgt Ion: 79 Resp: 948986
Ion Ratio Lower Upper
79 100
52 54.0 43.5 65.3
51 26.9 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 40.811 ng
RT: 3.617 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion: 42 Resp: 364236
Ion Ratio Lower Upper
42 100
74 176.0 132.0 198.0
44 7.0 5.3 7.9

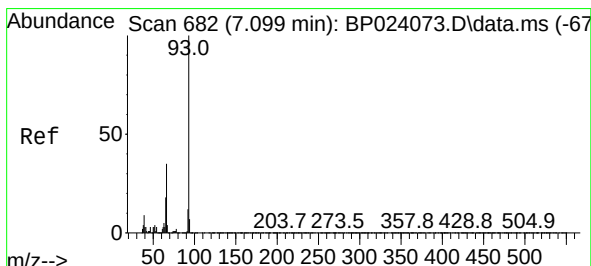
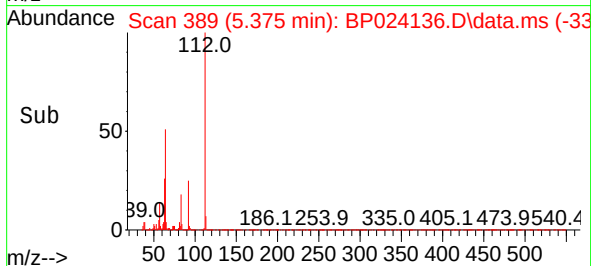
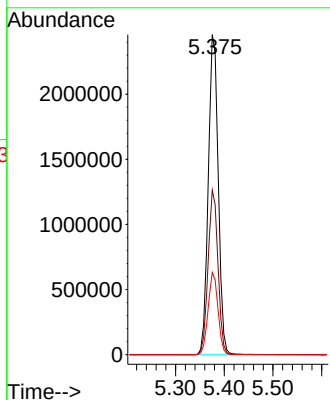
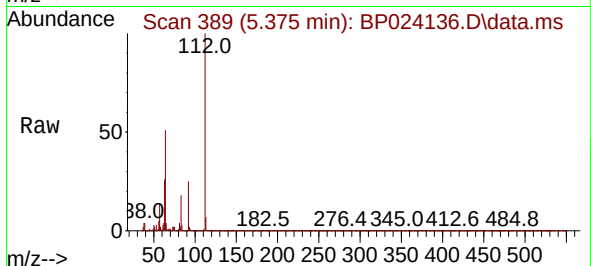




#5
2-Fluorophenol
Concen: 140.373 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

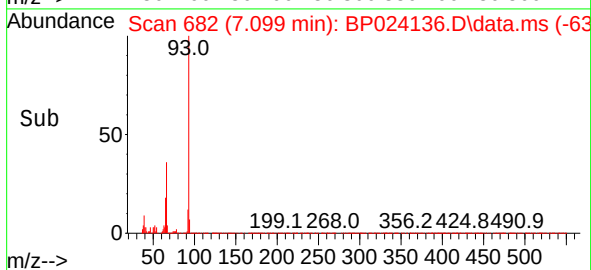
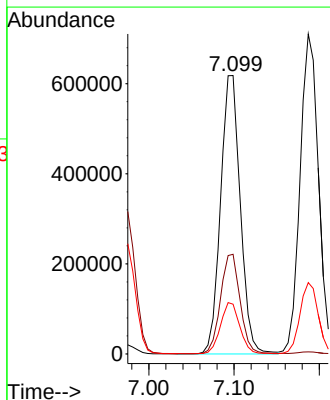
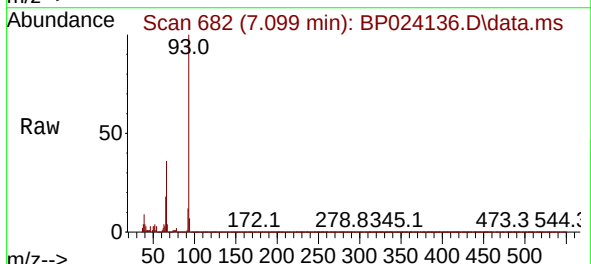
Instrument :
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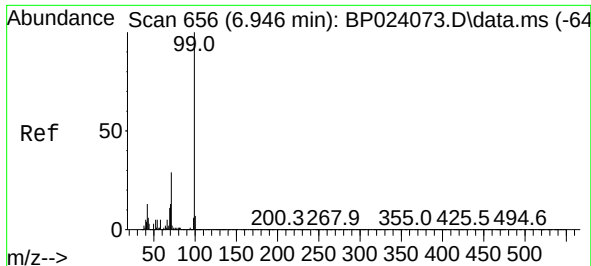
Tgt Ion:112 Resp: 3463047
Ion Ratio Lower Upper
112 100
64 51.5 39.6 59.4
63 25.7 20.3 30.5



#6
Aniline
Concen: 34.230 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion: 93 Resp: 993960
Ion Ratio Lower Upper
93 100
66 35.8 28.2 42.4
65 17.9 14.1 21.1

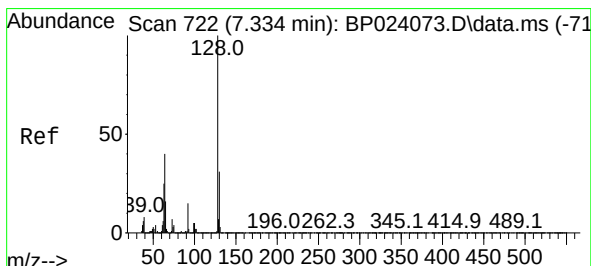
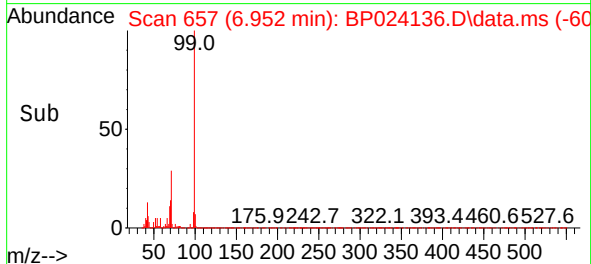
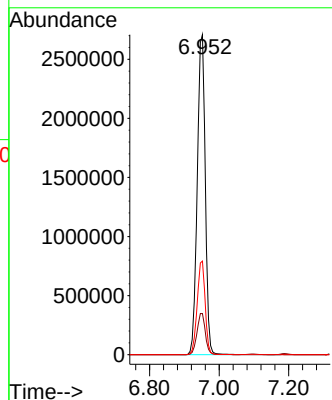
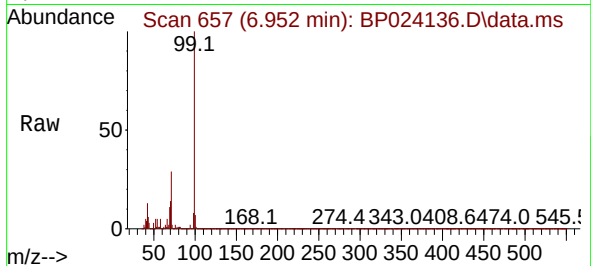




#7
Phenol-d6
Concen: 136.691 ng
RT: 6.952 min Scan# 657
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

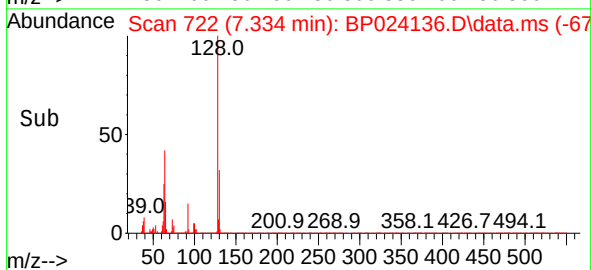
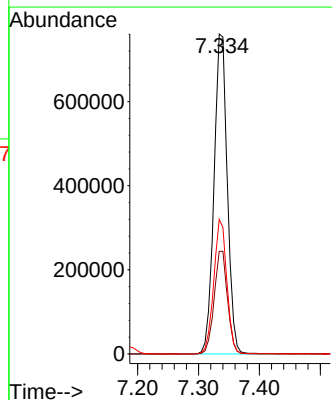
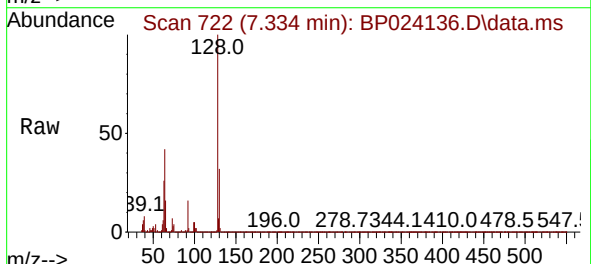
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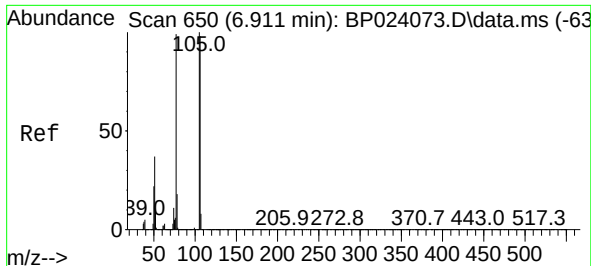
Tgt Ion: 99 Resp: 4334182
Ion Ratio Lower Upper
99 100
42 12.8 10.3 15.5
71 29.2 22.9 34.3



#8
2-Chlorophenol
Concen: 44.028 ng
RT: 7.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:128 Resp: 1149649
Ion Ratio Lower Upper
128 100
130 32.1 11.5 51.5
64 42.1 19.8 59.8

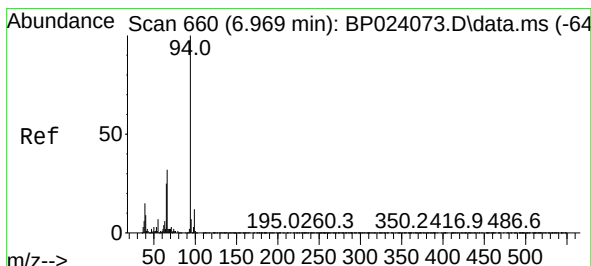
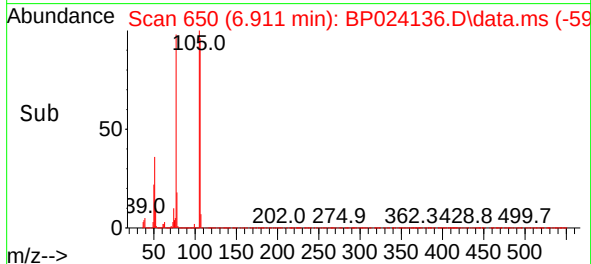
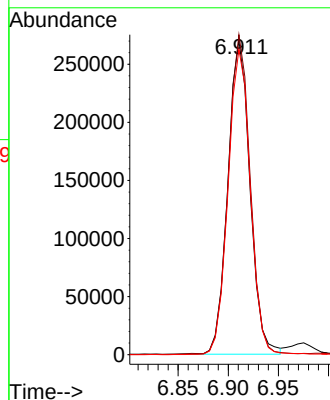
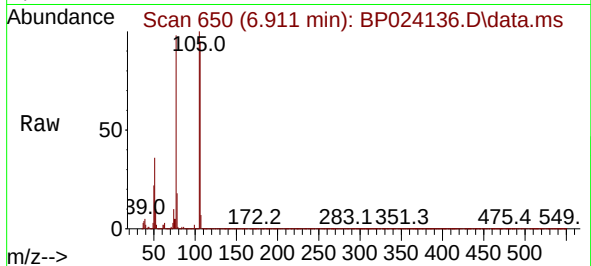




#9
Benzaldehyde
Concen: 28.705 ng
RT: 6.911 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

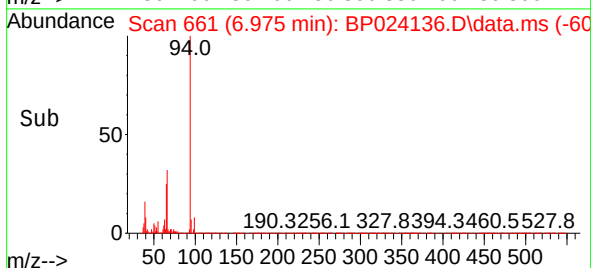
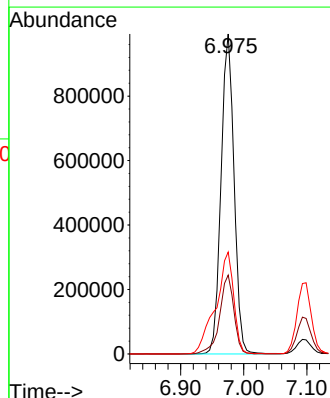
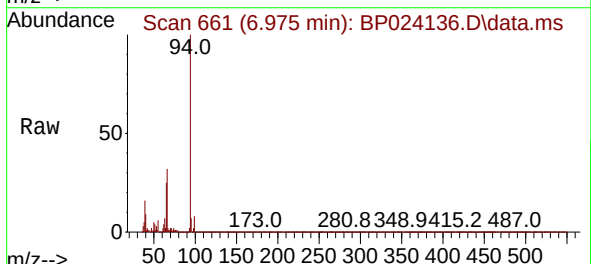
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ClientSampleId :
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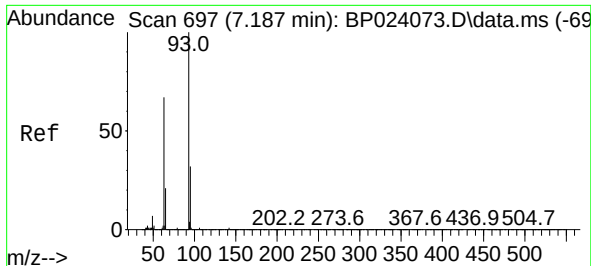
Tgt Ion: 77 Resp: 415542
Ion Ratio Lower Upper
77 100
105 101.9 81.4 121.4
106 97.2 79.0 119.0



#10
Phenol
Concen: 44.590 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP024136.D
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Tgt Ion: 94 Resp: 1421741
Ion Ratio Lower Upper
94 100
65 24.6 5.0 45.0
66 31.8 11.6 51.6





#11

bis(2-Chloroethyl)ether

Concen: 42.249 ng

RT: 7.187 min Scan# 697

Delta R.T. 0.000 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

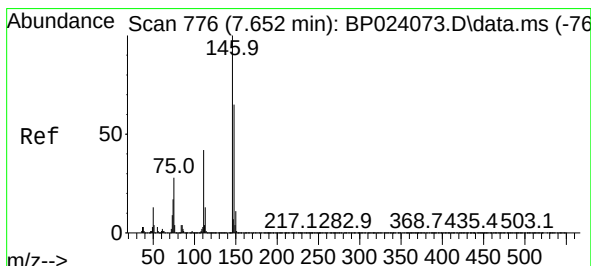
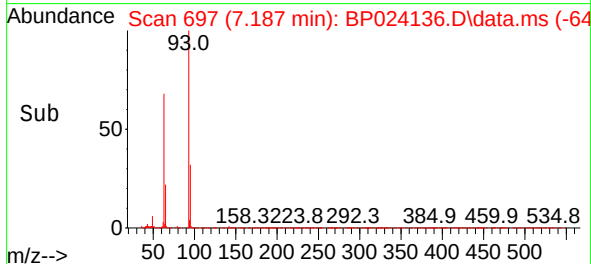
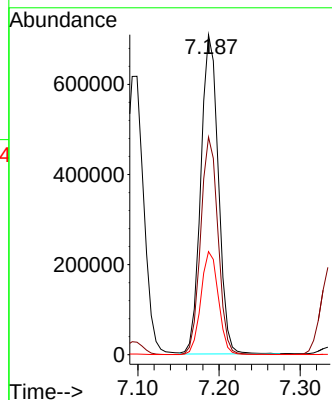
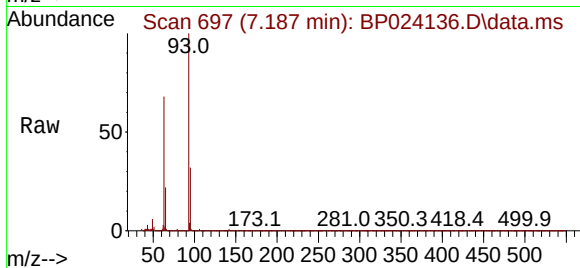
BNA_P

ClientSampleId :

PB166907BS

Tgt Ion: 93 Resp: 1061001

Ion	Ratio	Lower	Upper
93	100		
63	68.0	46.5	86.5
95	32.2	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 41.443 ng

RT: 7.652 min Scan# 776

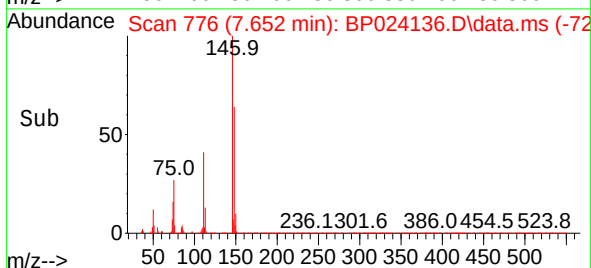
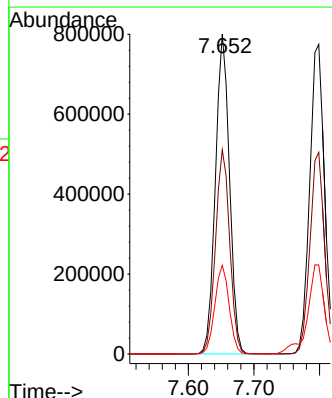
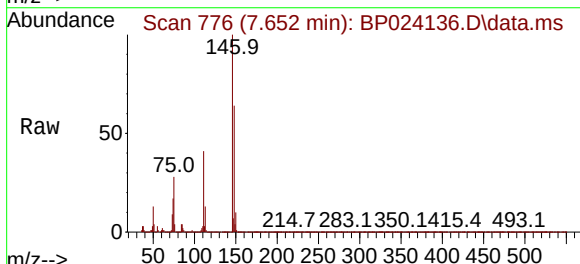
Delta R.T. 0.000 min

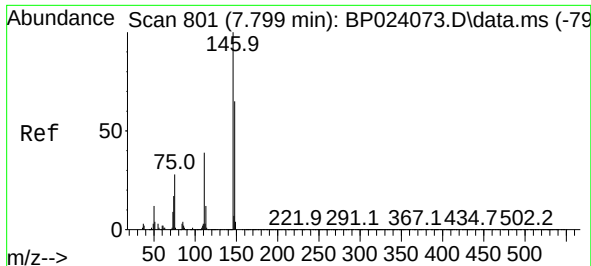
Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Tgt Ion: 146 Resp: 1188846

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	27.7	22.6	33.8

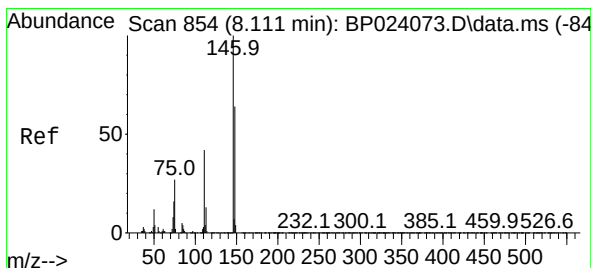
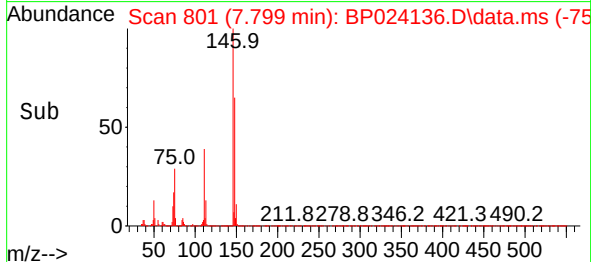
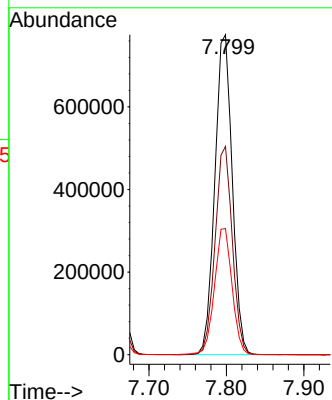
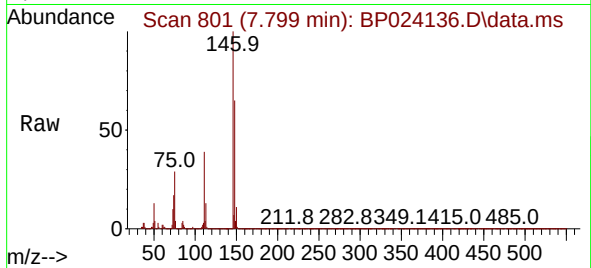




#13
1,4-Dichlorobenzene
Concen: 41.587 ng
RT: 7.799 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

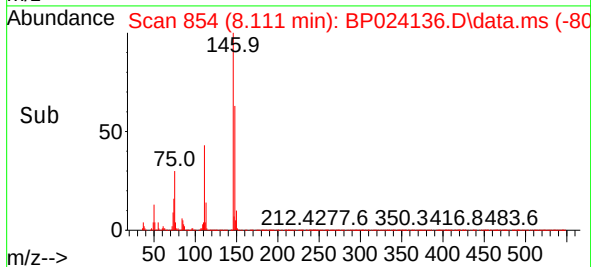
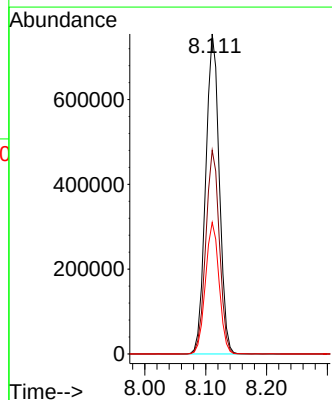
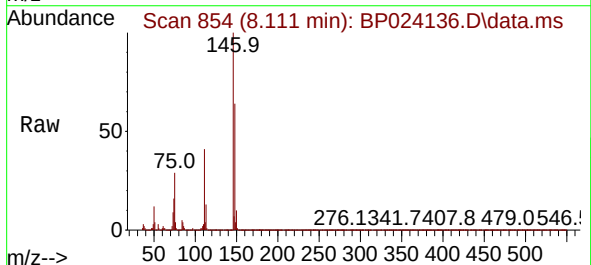
Instrument :
BNA_P
ClientSampleId :
PB166907BS

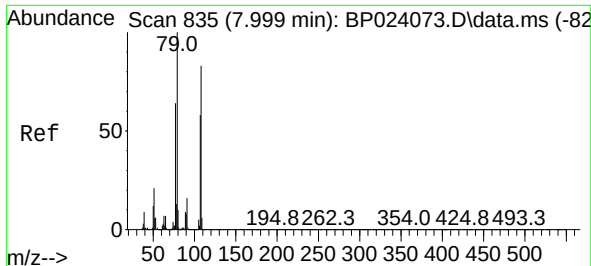
Tgt Ion:146 Resp: 1206456
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
111 39.4 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 42.088 ng
RT: 8.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:146 Resp: 1171776
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 41.1 33.4 50.0

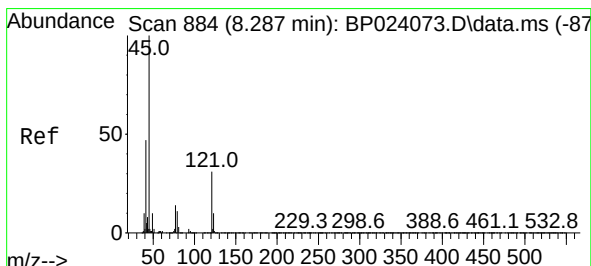
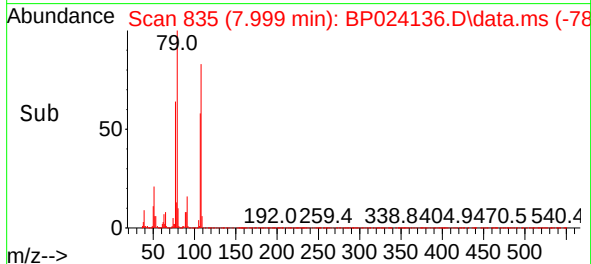
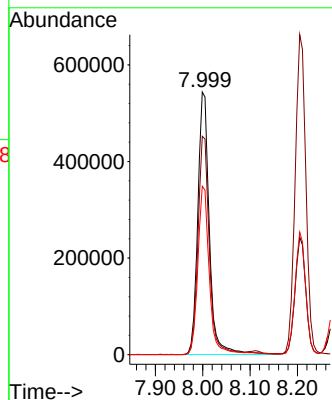
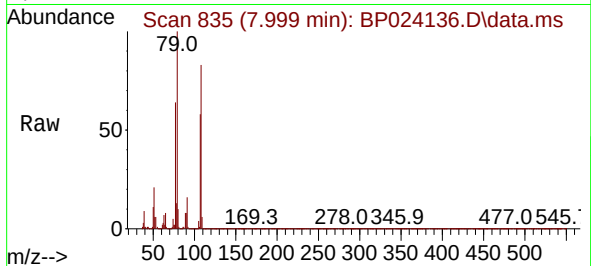




#15
Benzyl Alcohol
Concen: 47.553 ng
RT: 7.999 min Scan# 835
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

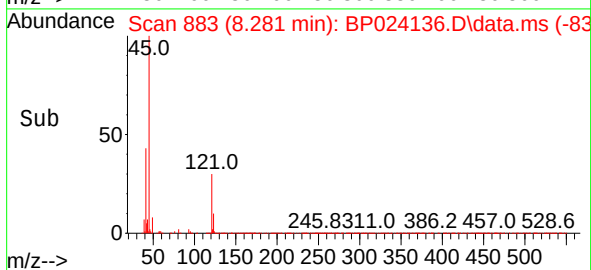
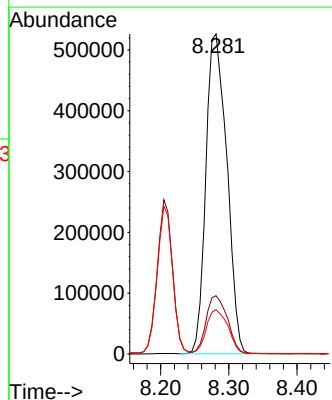
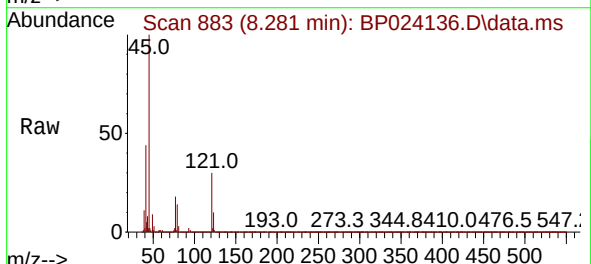
Instrument :
BNA_P
ClientSampleId :
PB166907BS

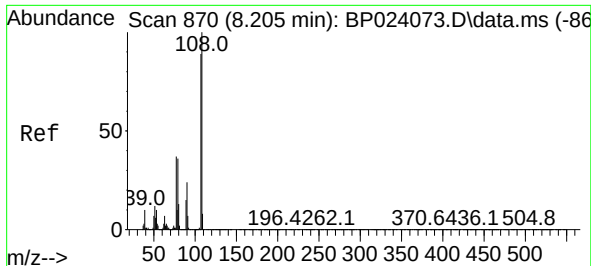
Tgt Ion: 79 Resp: 922957
Ion Ratio Lower Upper
79 100
108 83.1 66.4 99.6
77 64.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.109 ng
RT: 8.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion: 45 Resp: 1124073
Ion Ratio Lower Upper
45 100
77 18.2 0.0 38.8
79 13.8 0.0 35.4

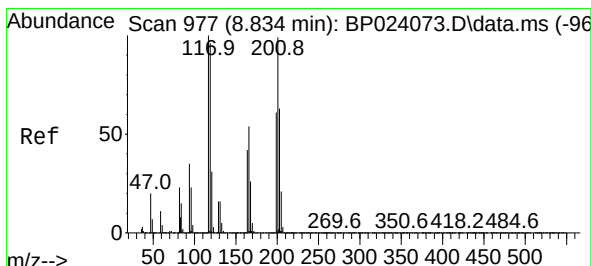
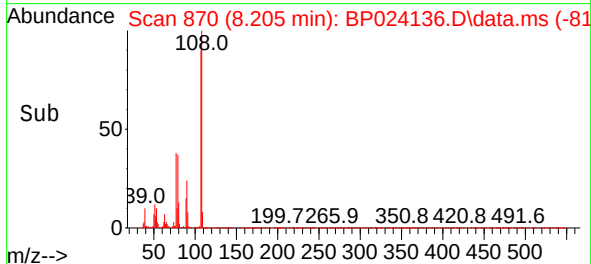
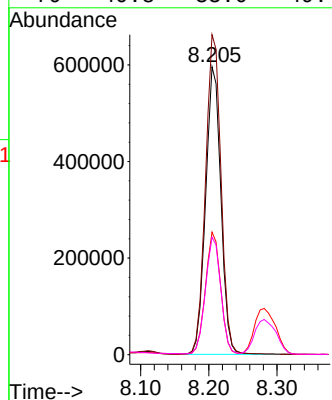
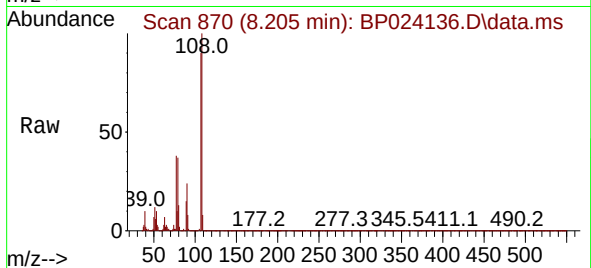




#17
2-Methylphenol
Concen: 47.659 ng
RT: 8.205 min Scan# 870
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

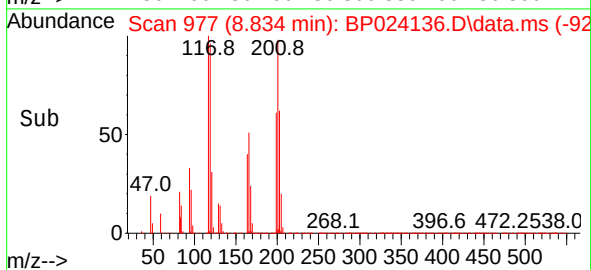
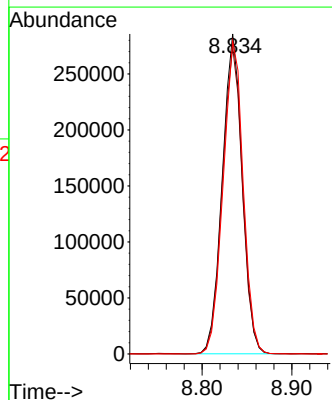
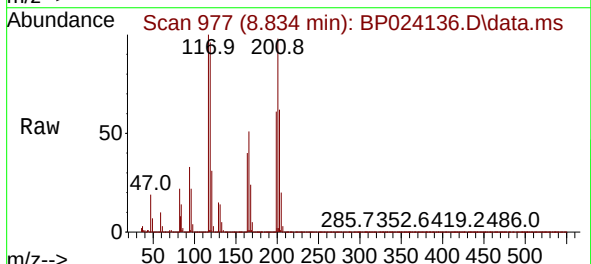
Instrument :
BNA_P
ClientSampleId :
PB166907BS

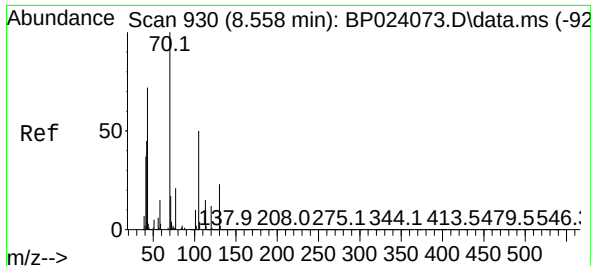
Tgt Ion:	107	Resp:	926030
Ion Ratio	Lower	Upper	
107	100		
108	111.2	90.0	135.0
77	42.6	33.8	50.6
79	40.8	33.0	49.4



#18
Hexachloroethane
Concen: 42.150 ng
RT: 8.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:	117	Resp:	440369
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.9	115.3
201	97.8	79.4	119.2

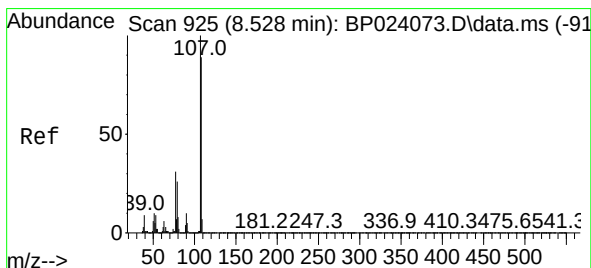
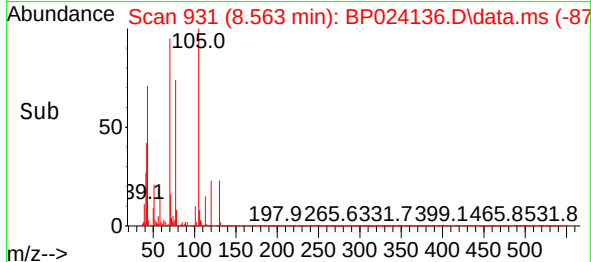
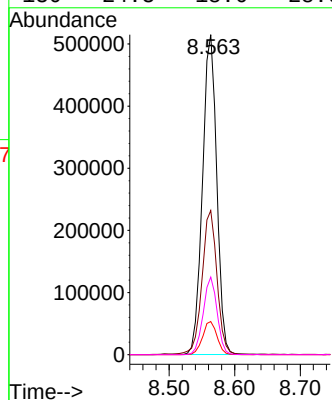
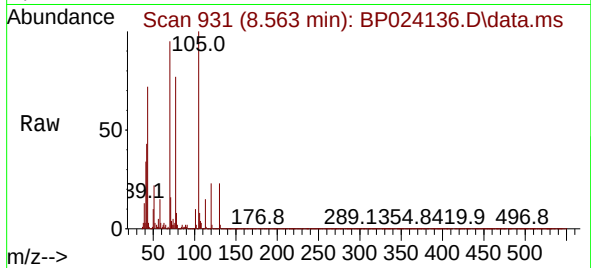




#19
n-Nitroso-di-n-propylamine
Concen: 45.672 ng
RT: 8.563 min Scan# 931
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

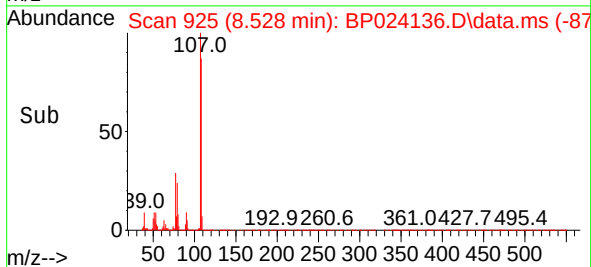
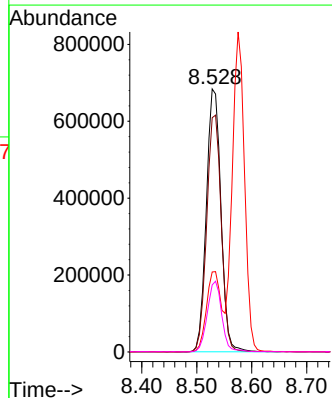
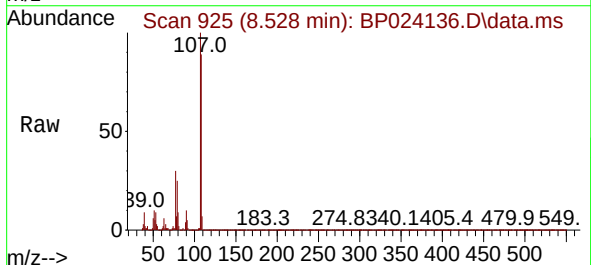
Instrument :
BNA_P
ClientSampleId :
PB166907BS

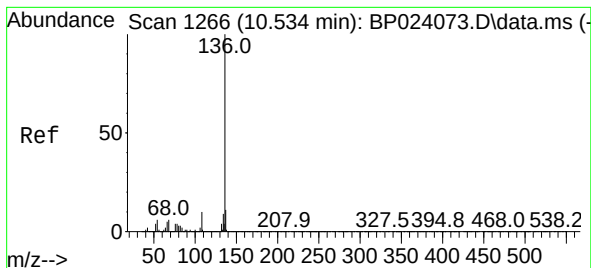
Tgt Ion: 70 Resp: 778632
Ion Ratio Lower Upper
70 100
42 45.0 36.6 54.8
101 10.4 8.2 12.2
130 24.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 47.722 ng
RT: 8.528 min Scan# 925
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:107 Resp: 1261414
Ion Ratio Lower Upper
107 100
108 89.0 68.5 108.5
77 30.4 10.7 50.7
79 25.5 6.1 46.1

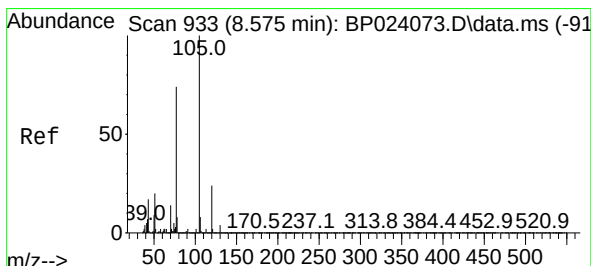
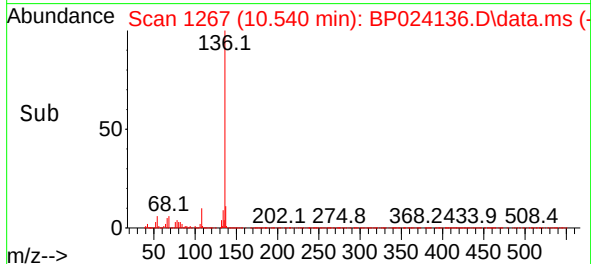
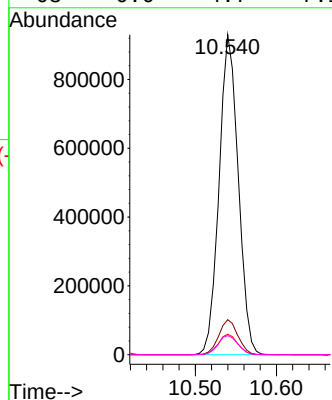
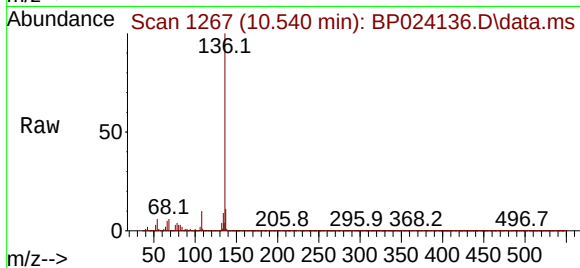




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

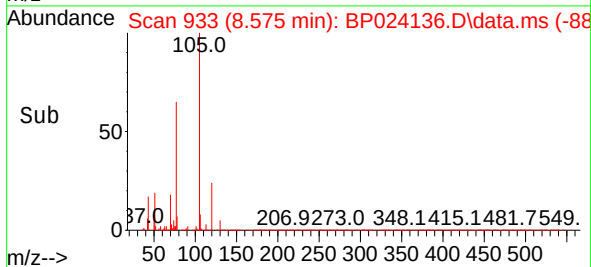
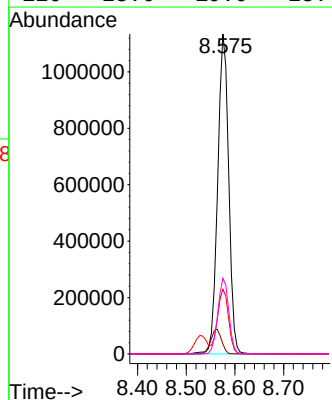
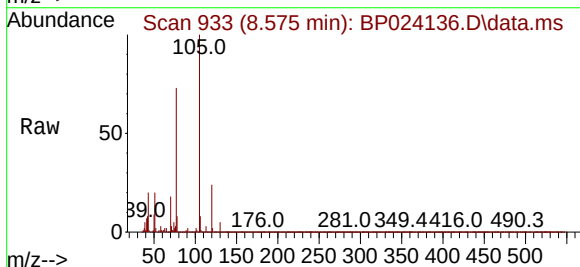
Instrument :
BNA_P
ClientSampleId :
PB166907BS

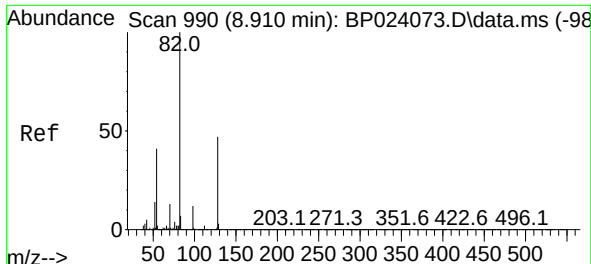
Tgt Ion:136 Resp: 1526080
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 4.9 7.3
68 6.0 4.7 7.1



#22
Acetophenone
Concen: 45.382 ng
RT: 8.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:105 Resp: 1779694
Ion Ratio Lower Upper
105 100
71 3.1 1.9 2.9#
51 20.2 16.3 24.5
120 23.6 19.0 28.4





#23

Nitrobenzene-d5

Concen: 91.593 ng

RT: 8.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

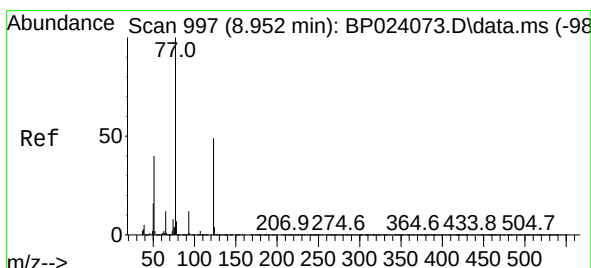
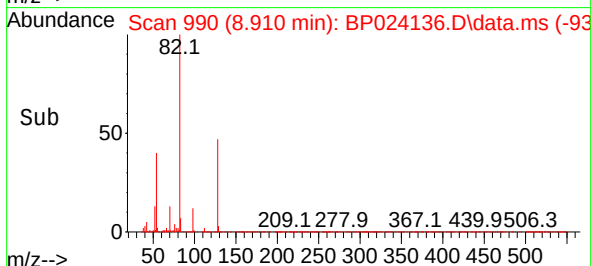
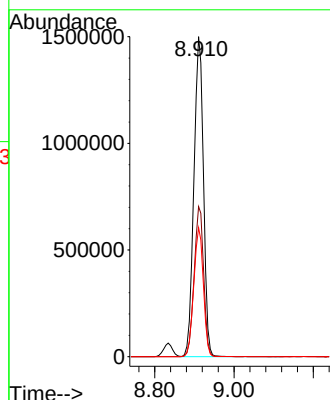
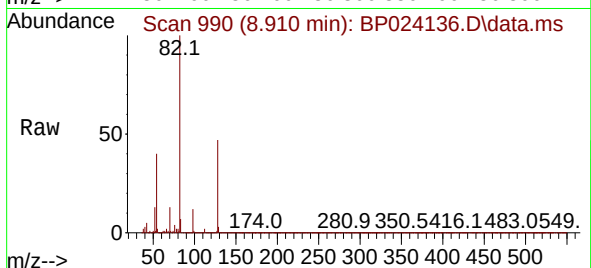
Tgt Ion: 82 Resp: 2505493

Ion Ratio Lower Upper

82 100

128 46.9 37.4 56.2

54 40.3 32.4 48.6



#24

Nitrobenzene

Concen: 42.482 ng

RT: 8.952 min Scan# 997

Delta R.T. 0.000 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

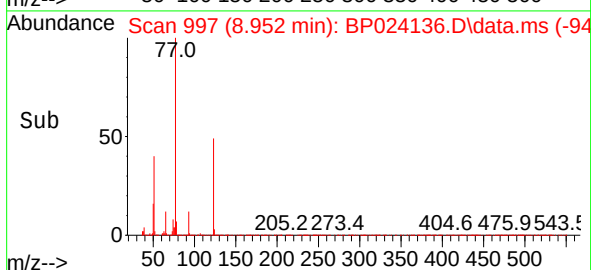
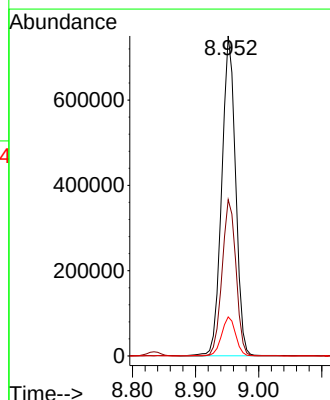
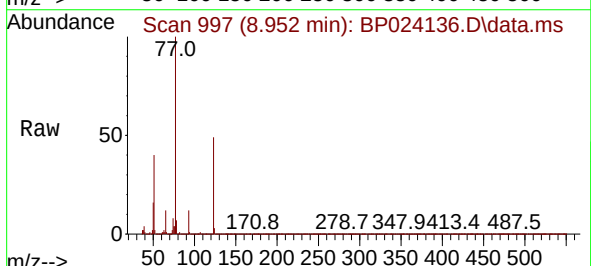
Tgt Ion: 77 Resp: 1143653

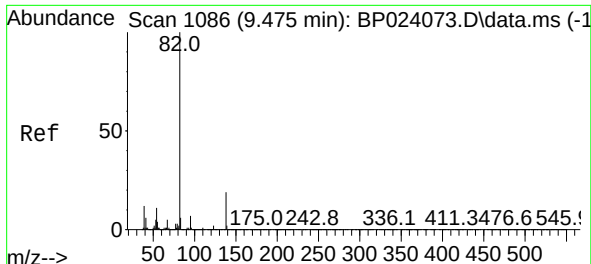
Ion Ratio Lower Upper

77 100

123 48.9 39.4 59.2

65 12.2 9.9 14.9

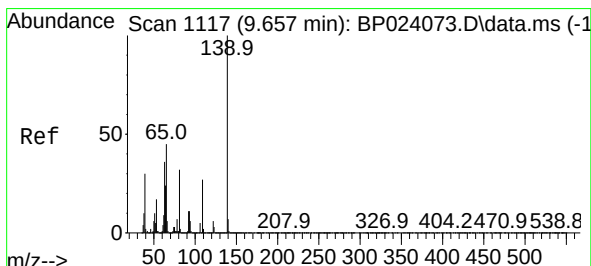
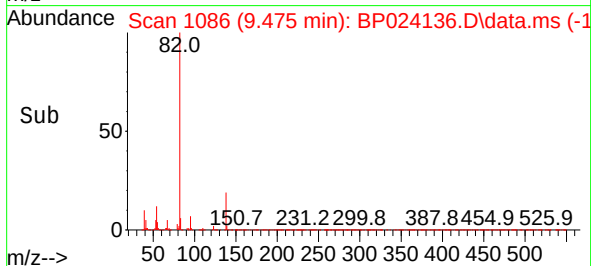
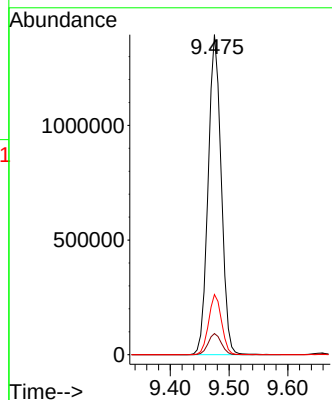
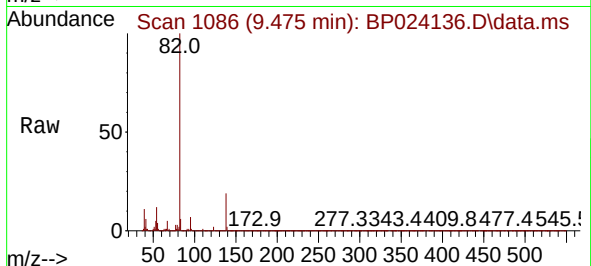




#25
Isophorone
Concen: 47.927 ng
RT: 9.475 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

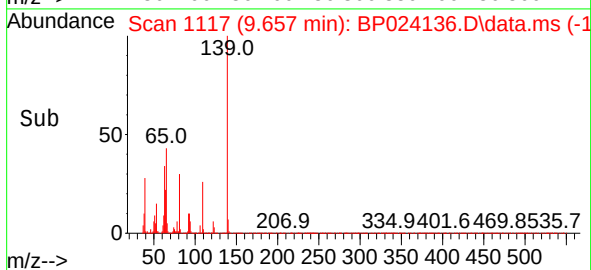
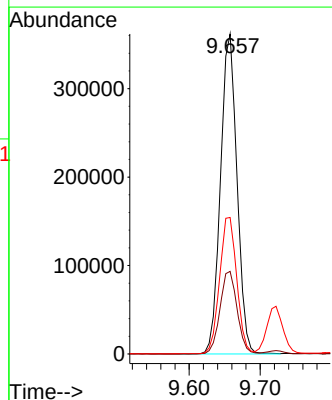
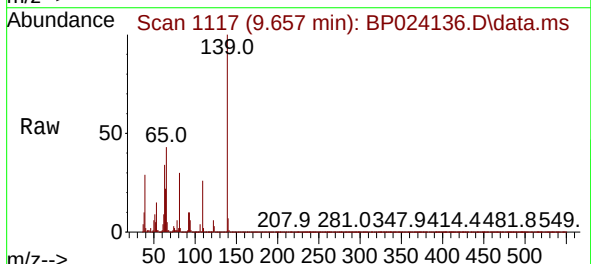
Instrument :
BNA_P
ClientSampleId :
PB166907BS

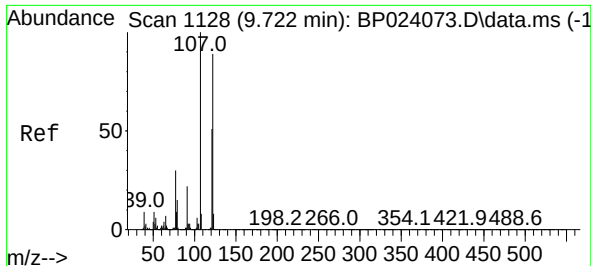
Tgt Ion: 82 Resp: 2143913
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.8 15.3 22.9



#26
2-Nitrophenol
Concen: 46.889 ng
RT: 9.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion: 139 Resp: 581554
Ion Ratio Lower Upper
139 100
109 25.8 21.7 32.5
65 42.7 36.1 54.1

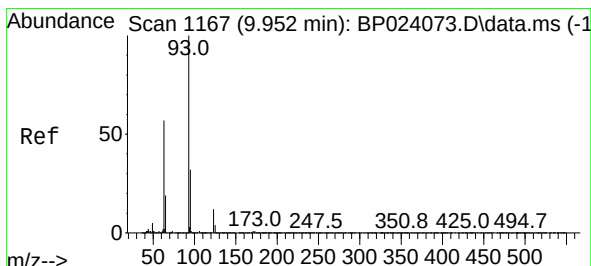
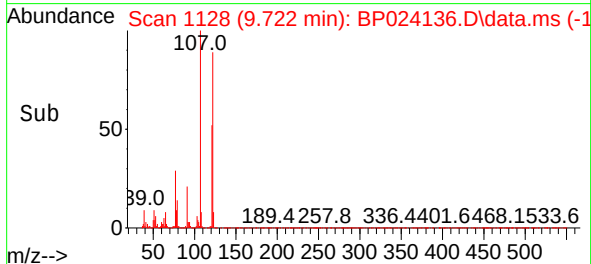
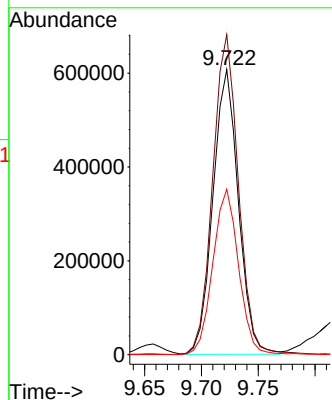
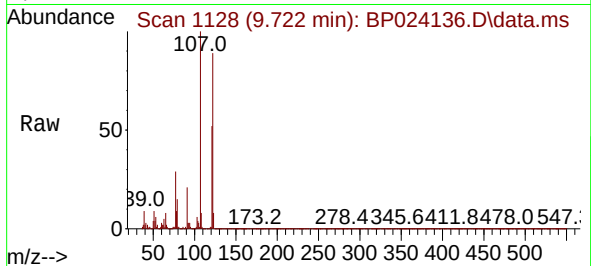




#27
2,4-Dimethylphenol
Concen: 58.100 ng
RT: 9.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

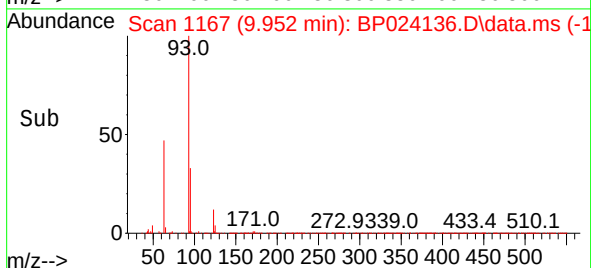
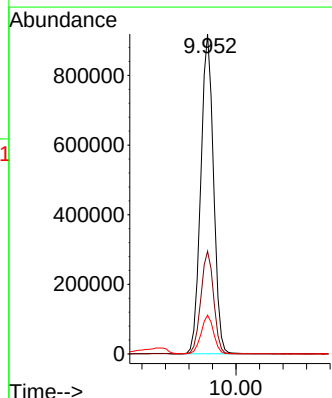
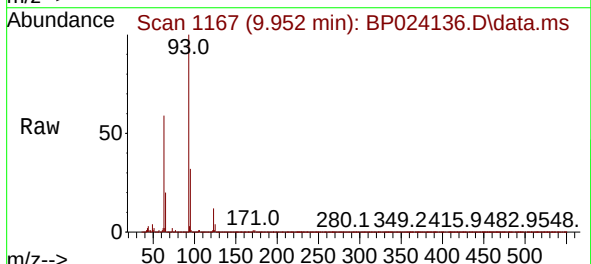
Instrument :
BNA_P
ClientSampleId :
PB166907BS

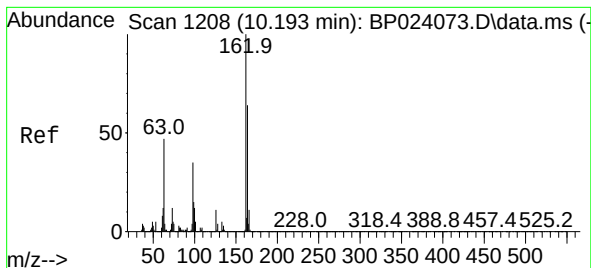
Tgt Ion:122 Resp: 945909
Ion Ratio Lower Upper
122 100
107 112.2 89.8 134.8
121 58.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.641 ng
RT: 9.952 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion: 93 Resp: 1381811
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 45.781 ng

RT: 10.193 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

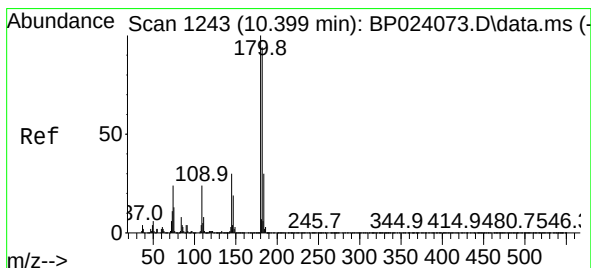
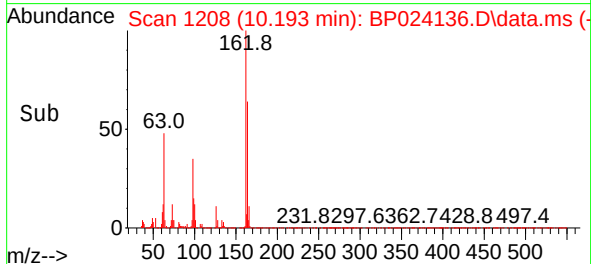
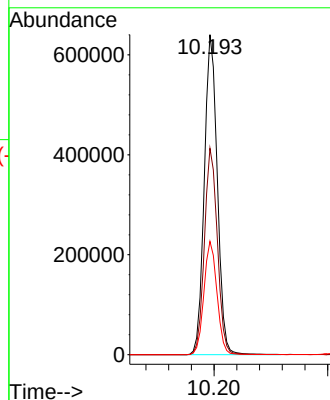
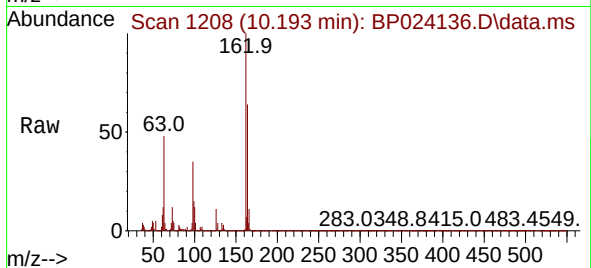
Tgt Ion:162 Resp: 1017182

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 35.4 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 40.276 ng

RT: 10.405 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

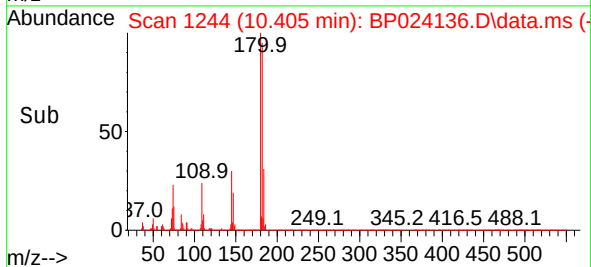
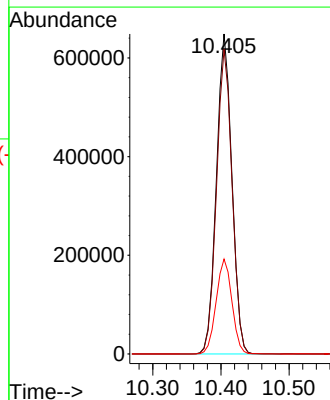
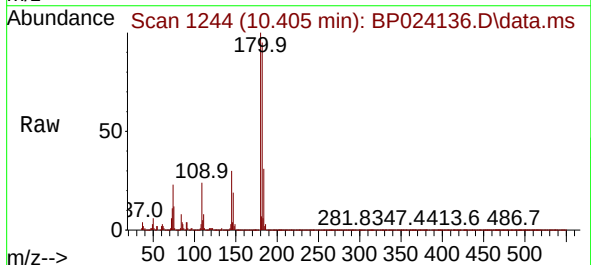
Tgt Ion:180 Resp: 1025297

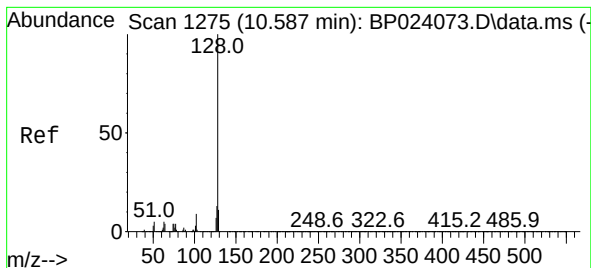
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

145 29.7 24.0 36.0





#31

Naphthalene

Concen: 40.199 ng

RT: 10.593 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

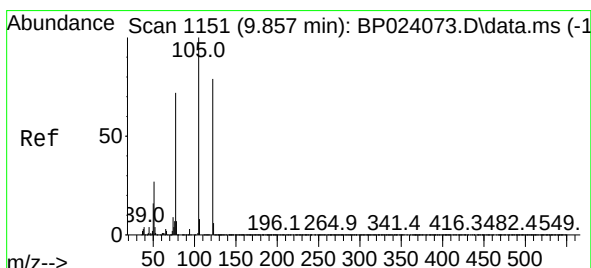
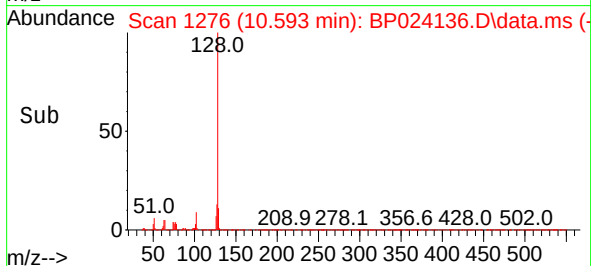
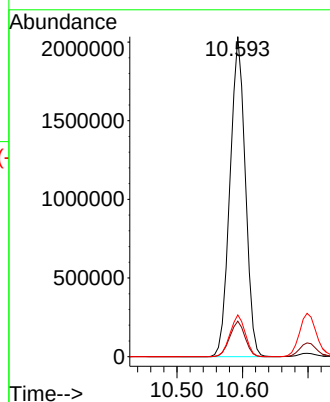
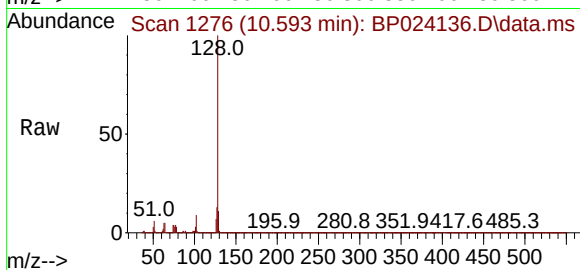
Tgt Ion:128 Resp: 3298611

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 46.627 ng

RT: 9.875 min Scan# 1154

Delta R.T. 0.018 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

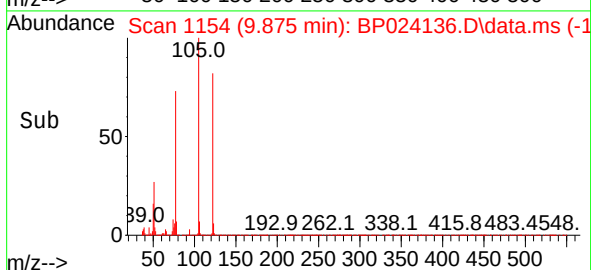
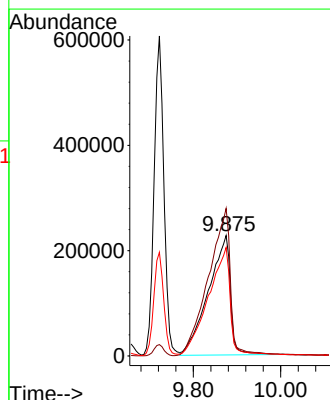
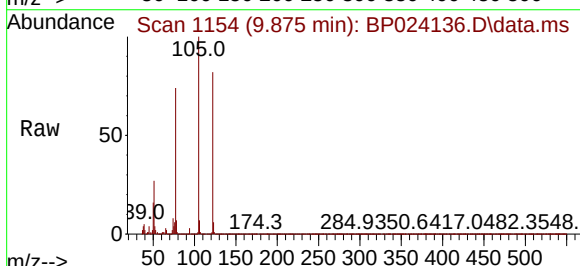
Tgt Ion:122 Resp: 792166

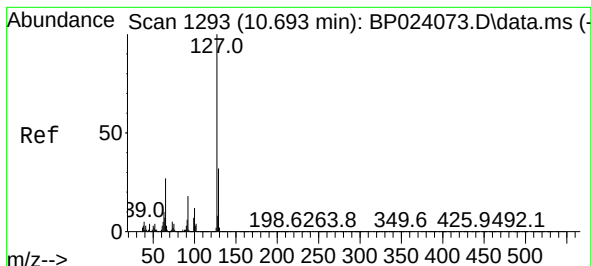
Ion Ratio Lower Upper

122 100

105 122.4 103.7 143.7

77 90.0 69.9 109.9





#33

4-Chloroaniline

Concen: 17.719 ng

RT: 10.699 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

Tgt Ion:127 Resp: 512216

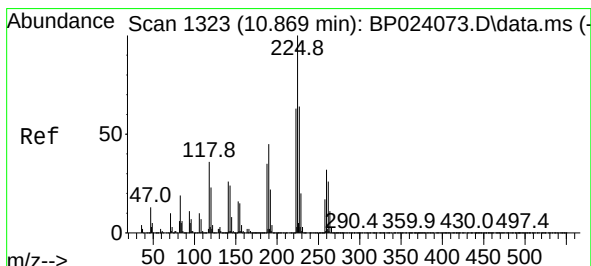
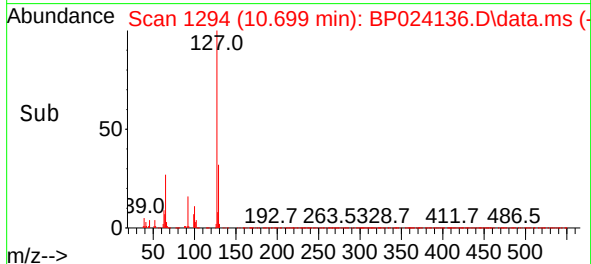
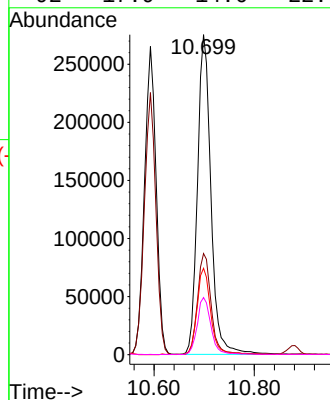
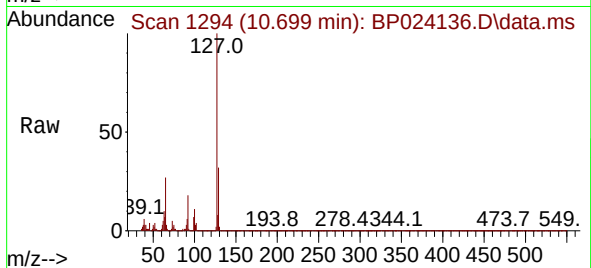
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.0

65 27.0 21.3 31.9

92 17.9 14.6 22.0



#34

Hexachlorobutadiene

Concen: 41.192 ng

RT: 10.881 min Scan# 1325

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

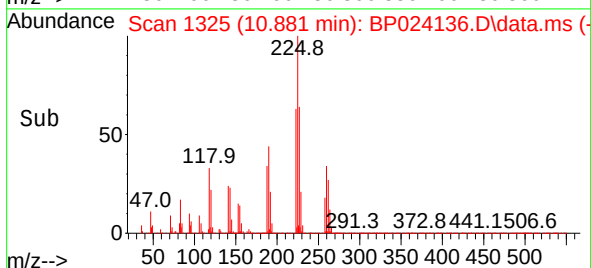
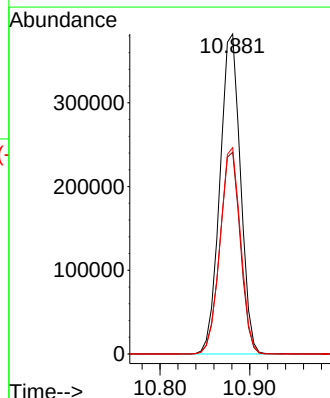
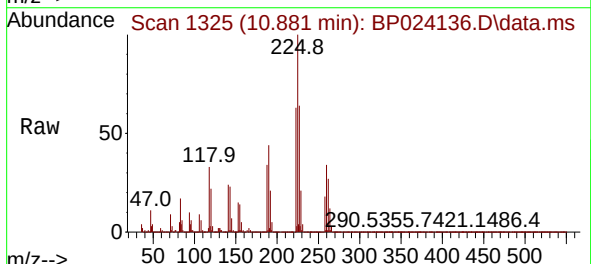
Tgt Ion:225 Resp: 607363

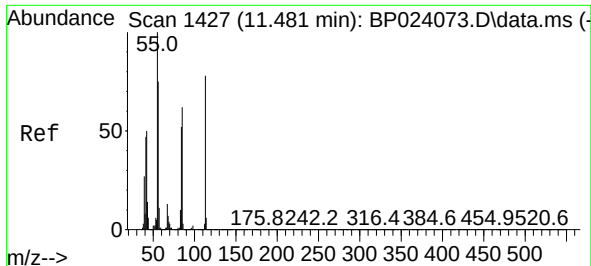
Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 64.4 51.3 76.9

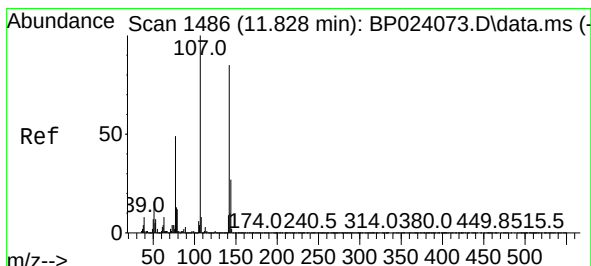
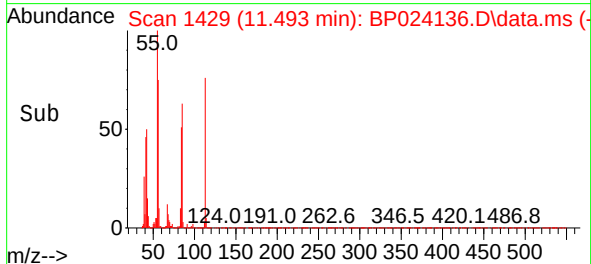
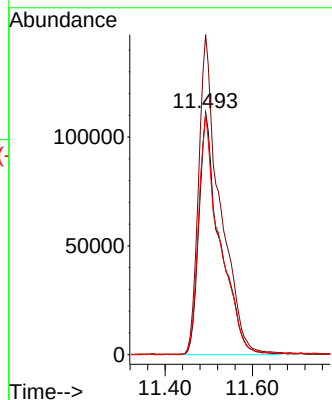
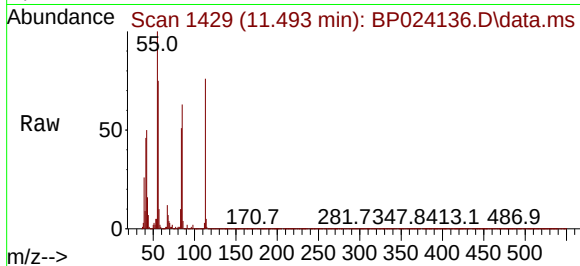




#35
Caprolactam
Concen: 49.299 ng
RT: 11.493 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

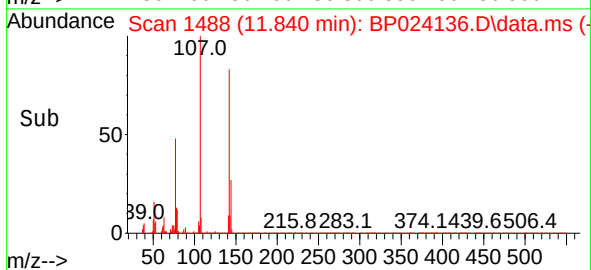
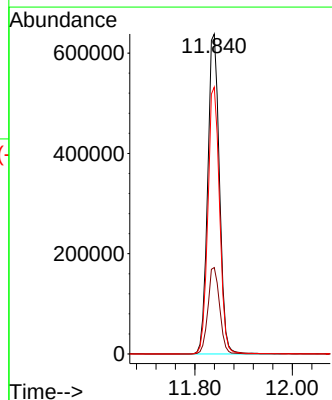
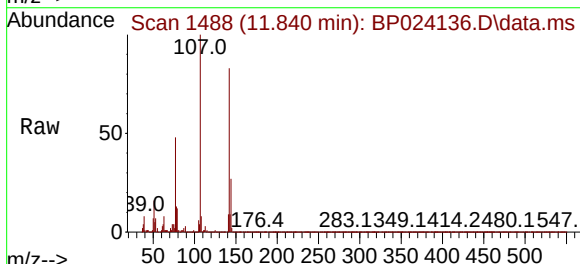
Instrument :
BNA_P
ClientSampleId :
PB166907BS

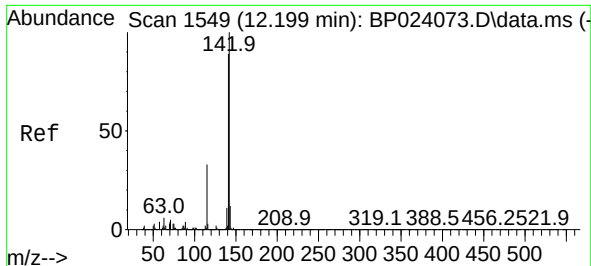
Tgt Ion:113 Resp: 370219
Ion Ratio Lower Upper
113 100
55 132.3 108.8 148.8
56 99.8 76.5 116.5



#36
4-Chloro-3-methylphenol
Concen: 46.539 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:107 Resp: 1062975
Ion Ratio Lower Upper
107 100
144 27.0 21.8 32.8
142 83.4 67.8 101.8

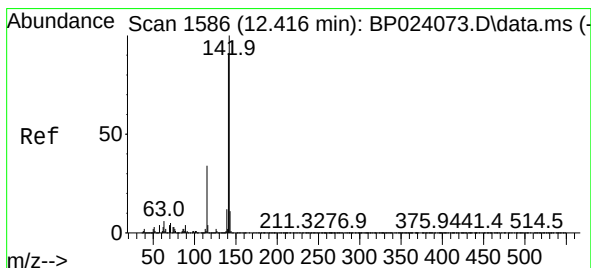
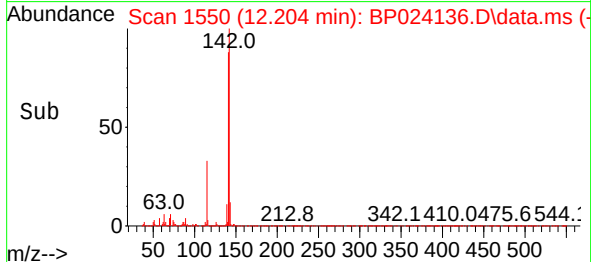
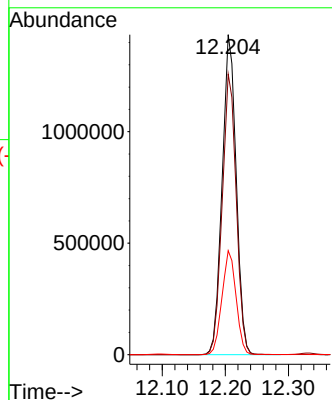
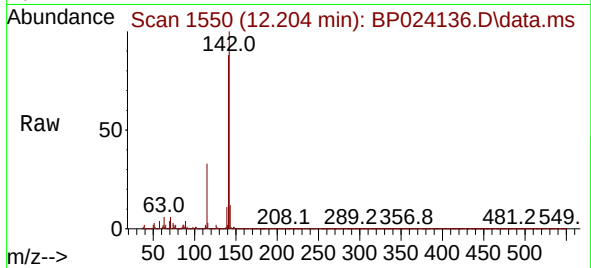




#37
2-Methylnaphthalene
Concen: 40.573 ng
RT: 12.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

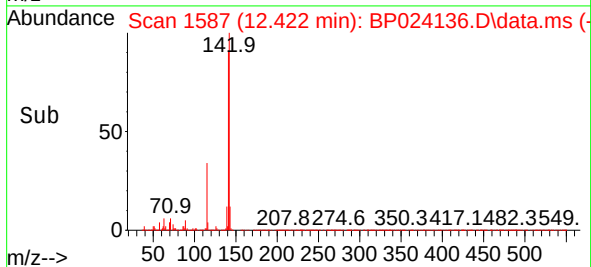
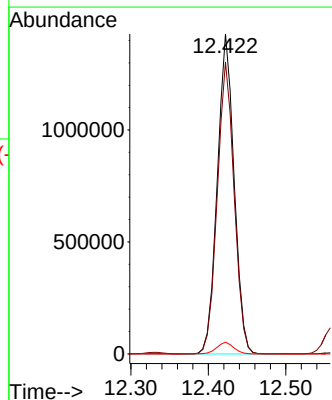
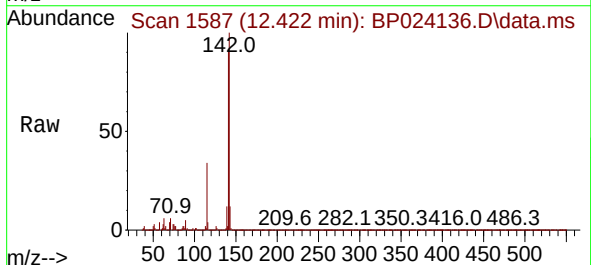
Instrument :
BNA_P
ClientSampleId :
PB166907BS

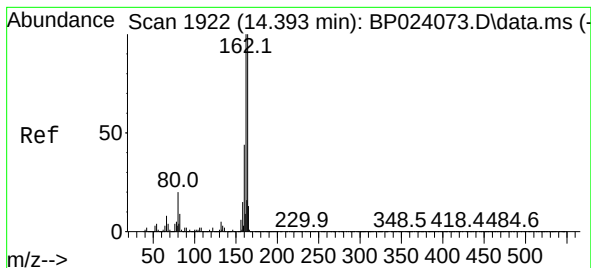
Tgt Ion:142 Resp: 2212842
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8
115 32.5 26.5 39.7



#38
1-Methylnaphthalene
Concen: 40.521 ng
RT: 12.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:142 Resp: 2149917
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1922

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

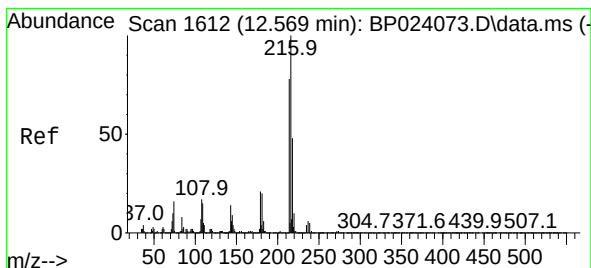
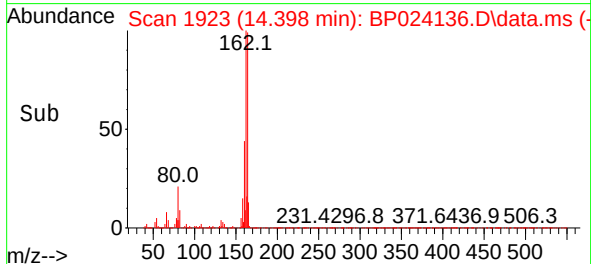
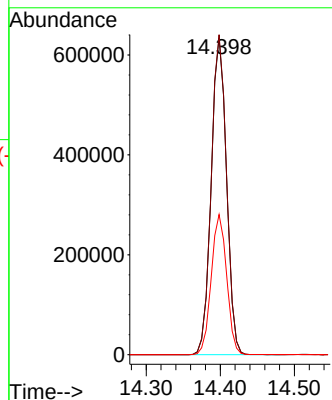
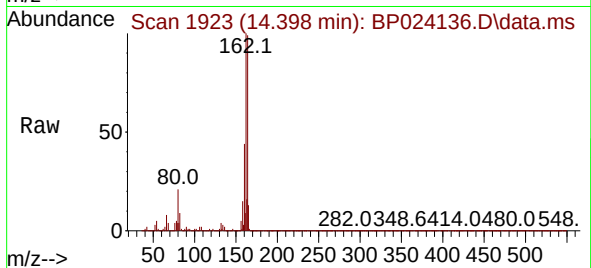
Tgt Ion:164 Resp: 908283

Ion Ratio Lower Upper

164 100

162 101.0 80.1 120.1

160 44.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.411 ng

RT: 12.575 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Tgt Ion:216 Resp: 1267310

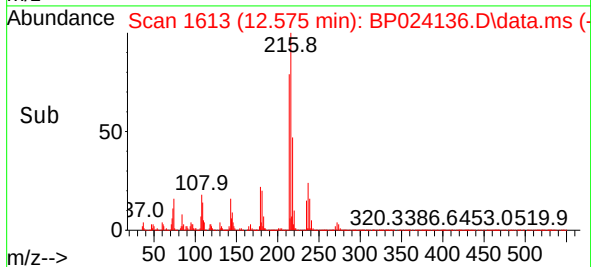
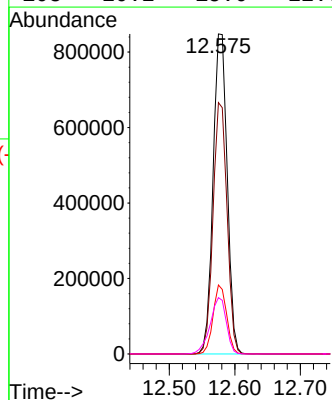
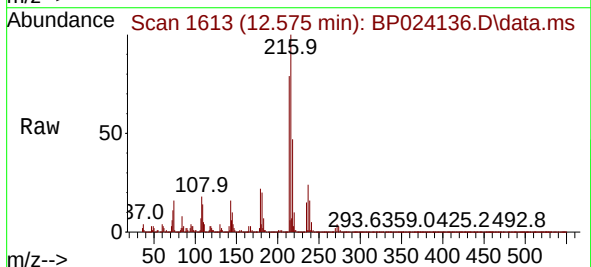
Ion Ratio Lower Upper

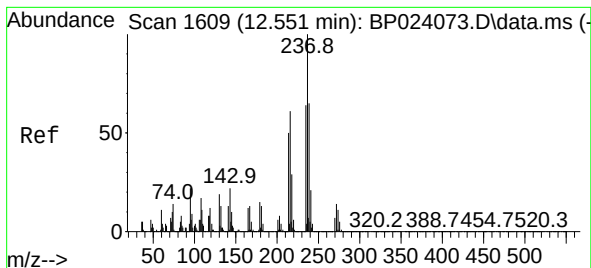
216 100

214 78.0 62.7 94.1

179 20.7 16.6 25.0

108 20.2 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 127.062 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

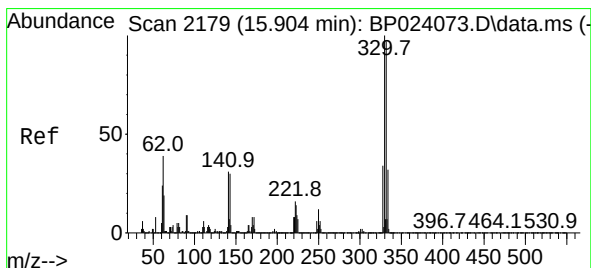
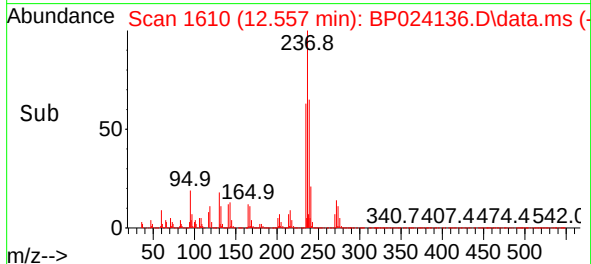
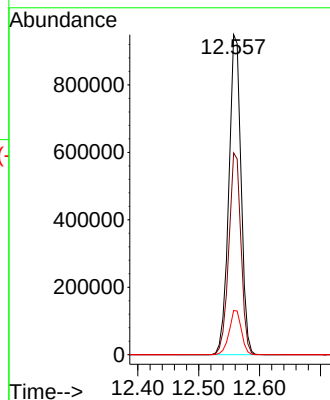
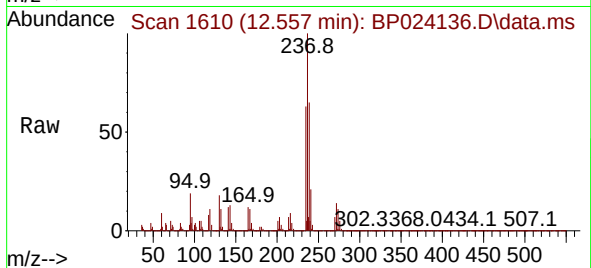
Tgt Ion:237 Resp: 1319497

Ion Ratio Lower Upper

237 100

235 63.1 43.5 83.5

272 13.8 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 153.192 ng

RT: 15.910 min Scan# 2180

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

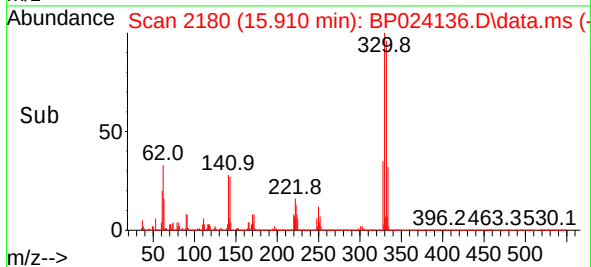
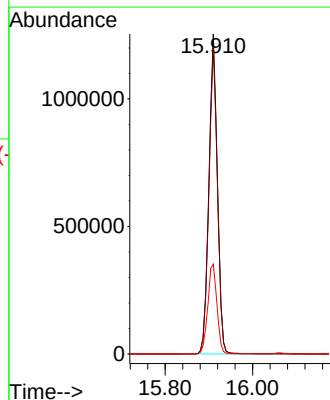
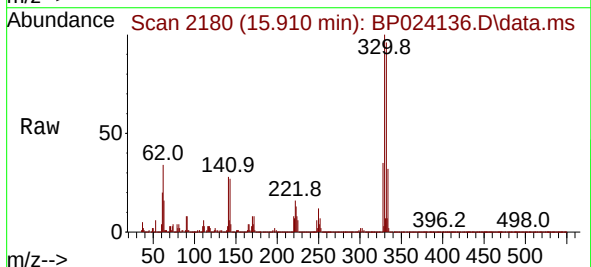
Tgt Ion:330 Resp: 1704325

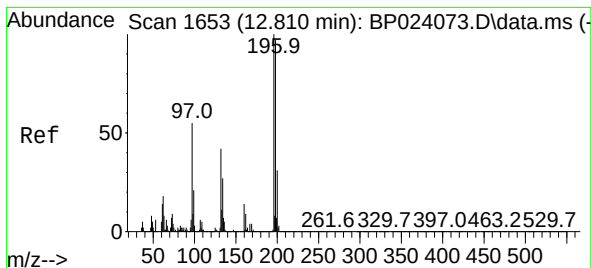
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 30.2 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 45.614 ng

RT: 12.822 min Scan# 1655

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

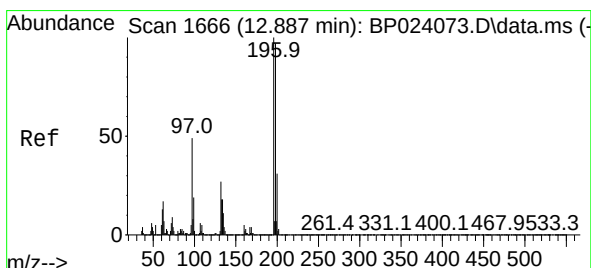
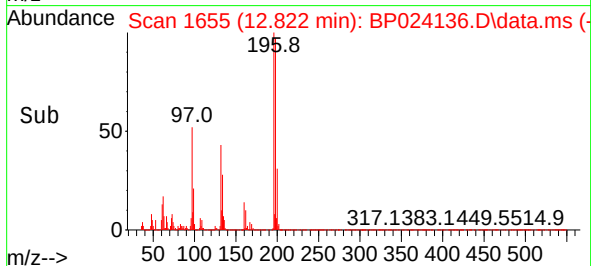
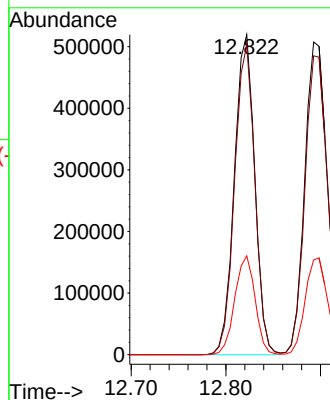
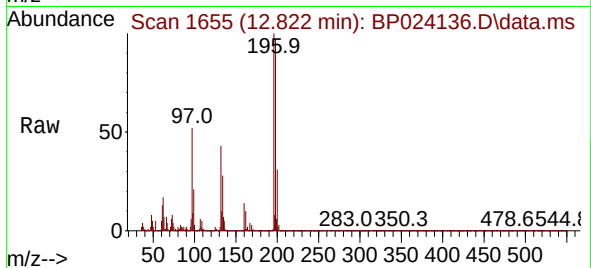
Tgt Ion:196 Resp: 776322

Ion Ratio Lower Upper

196 100

198 96.9 77.8 116.6

200 30.9 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 45.487 ng

RT: 12.893 min Scan# 1667

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Tgt Ion:196 Resp: 846658

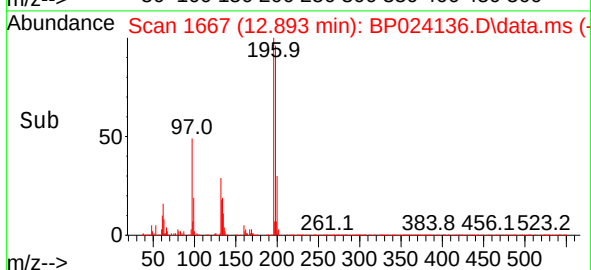
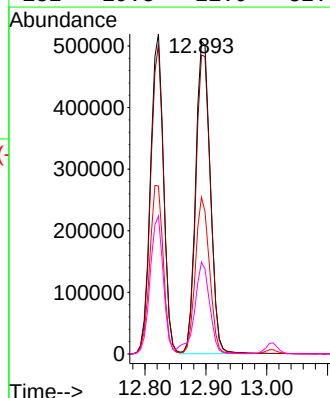
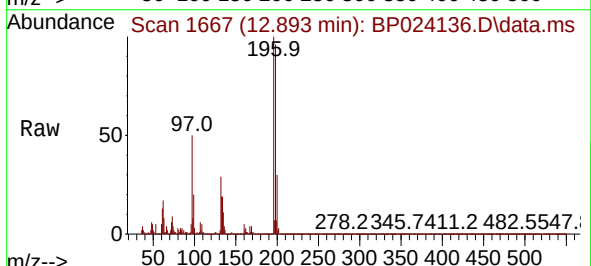
Ion Ratio Lower Upper

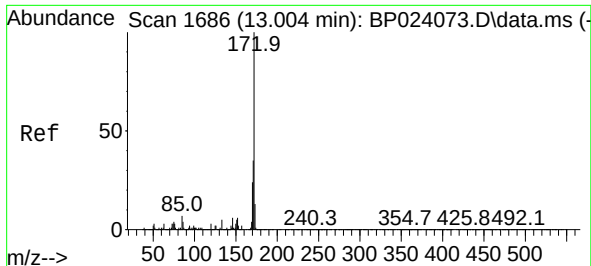
196 100

198 95.6 77.4 116.2

97 50.1 39.0 58.4

132 29.3 21.9 32.9

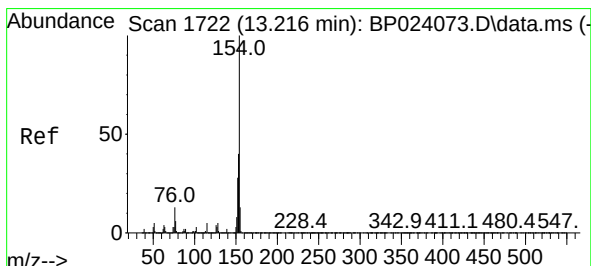
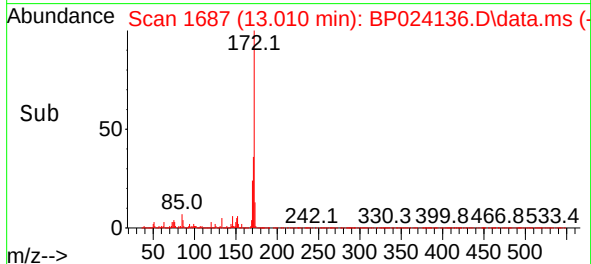
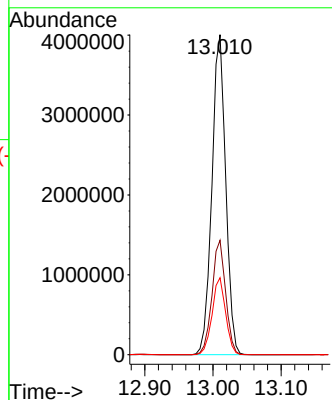
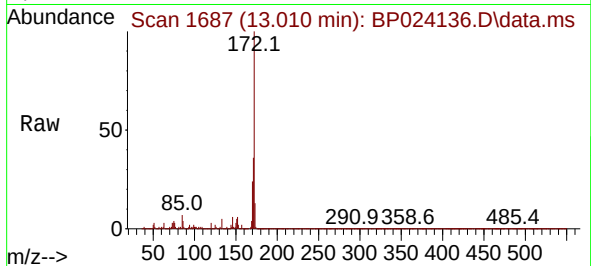




#45
2-Fluorobiphenyl
Concen: 86.895 ng
RT: 13.010 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

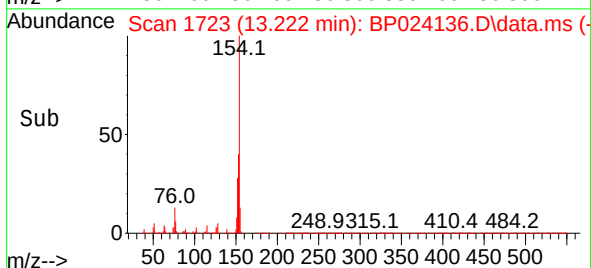
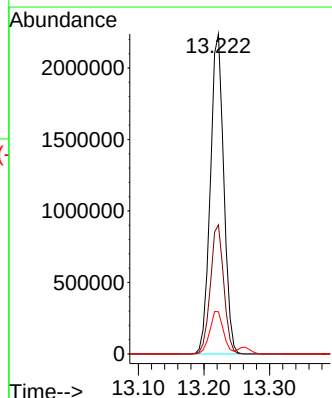
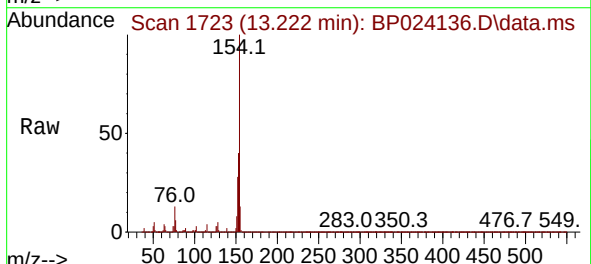
Instrument :
BNA_P
ClientSampleId :
PB166907BS

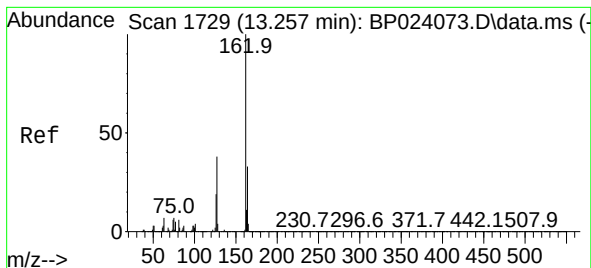
Tgt Ion:172 Resp: 5645608
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.119 ng
RT: 13.222 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:154 Resp: 3184481
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 13.2 0.0 32.6





#47

2-Chloronaphthalene

Concen: 41.185 ng

RT: 13.263 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

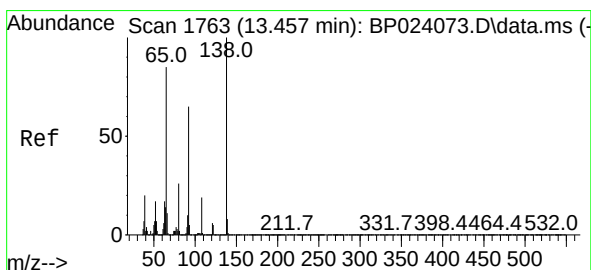
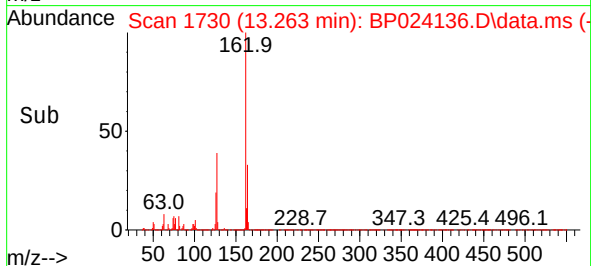
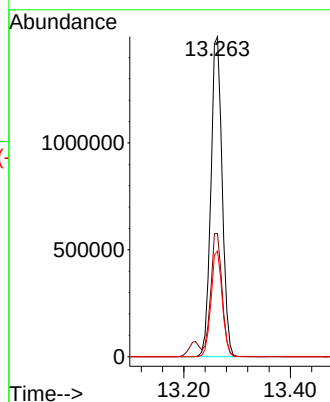
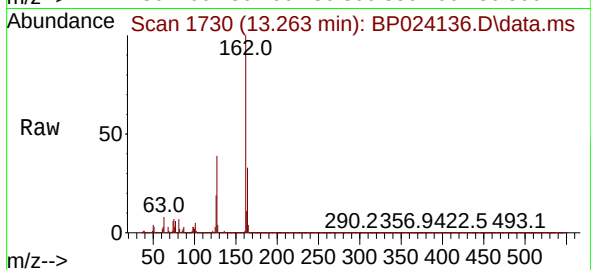
Tgt Ion:162 Resp: 2197413

Ion Ratio Lower Upper

162 100

127 38.5 30.7 46.1

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 49.479 ng

RT: 13.469 min Scan# 1765

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

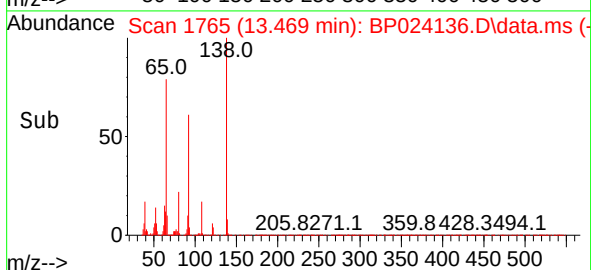
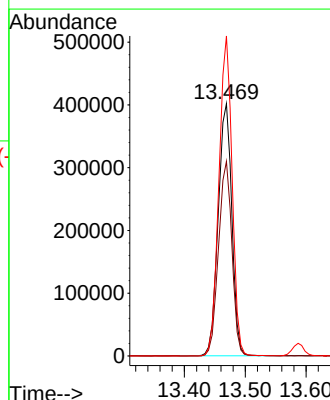
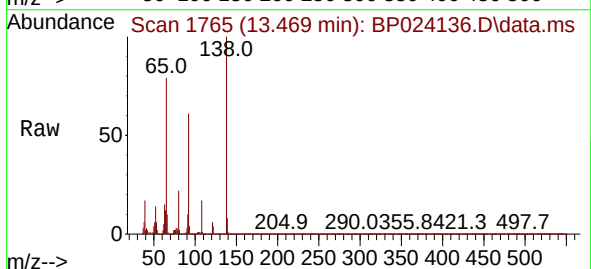
Tgt Ion: 65 Resp: 623603

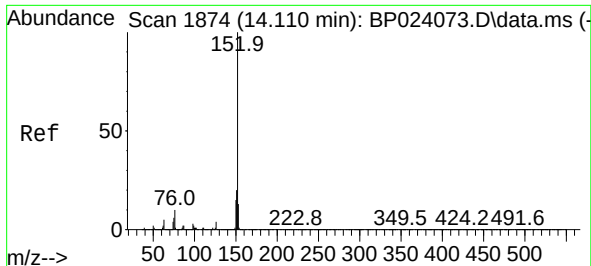
Ion Ratio Lower Upper

65 100

92 77.1 61.7 92.5

138 126.8 94.6 142.0

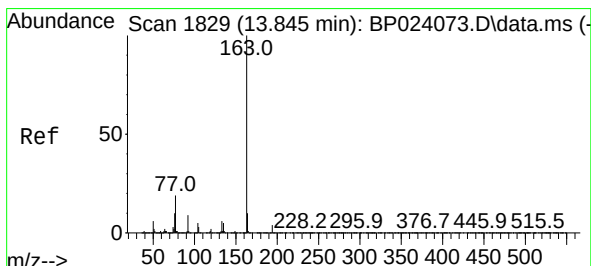
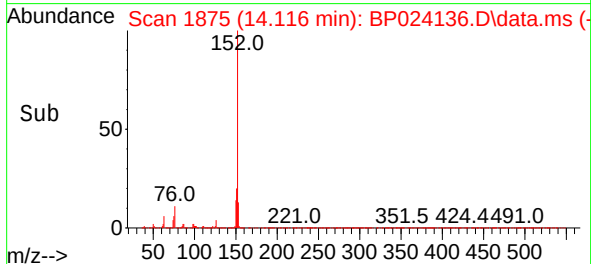
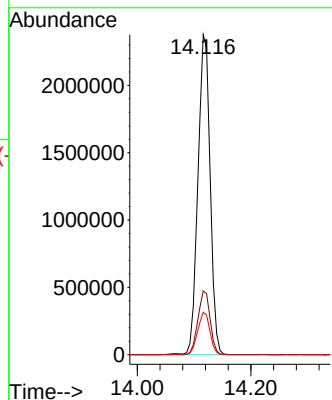
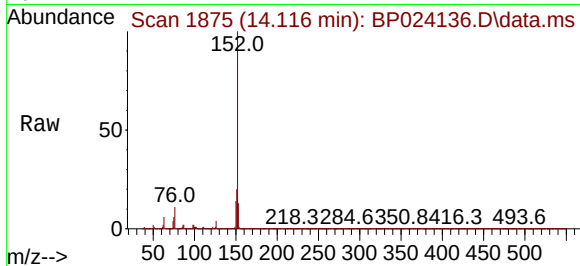




#49
Acenaphthylene
Concen: 45.128 ng
RT: 14.116 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

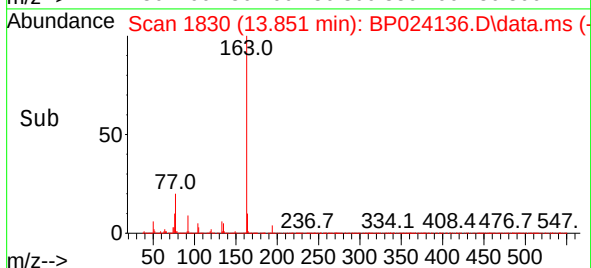
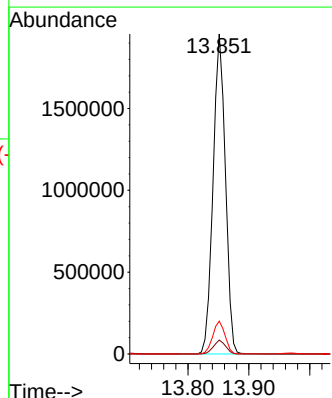
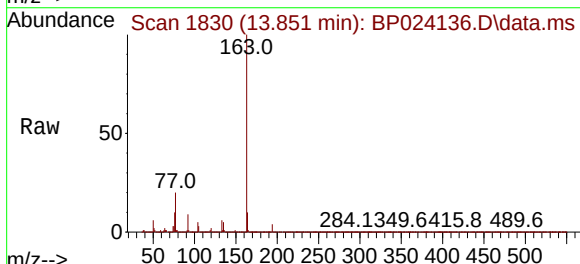
Instrument :
BNA_P
ClientSampleId :
PB166907BS

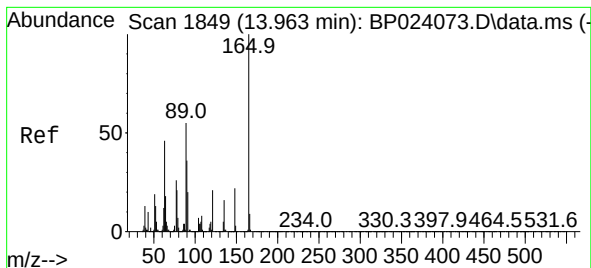
Tgt Ion:152 Resp: 3547406
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 42.844 ng
RT: 13.851 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:163 Resp: 2744946
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.3 8.1 12.1

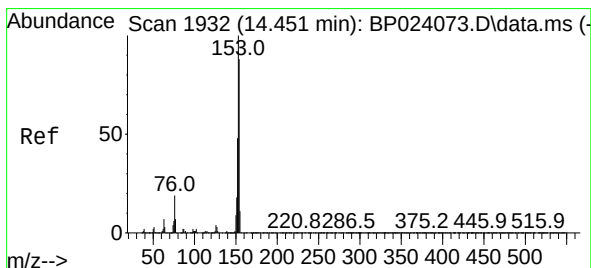
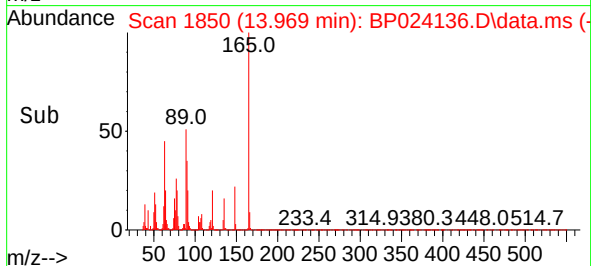
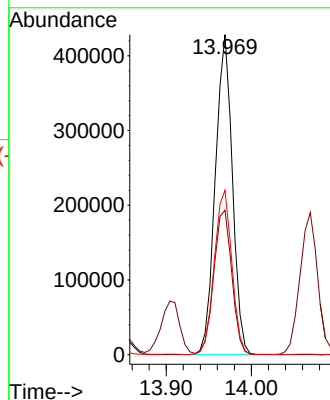
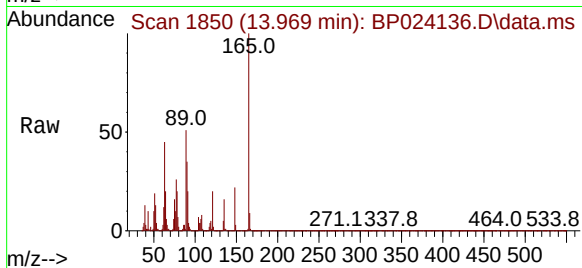




#51
2,6-Dinitrotoluene
Concen: 45.614 ng
RT: 13.969 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

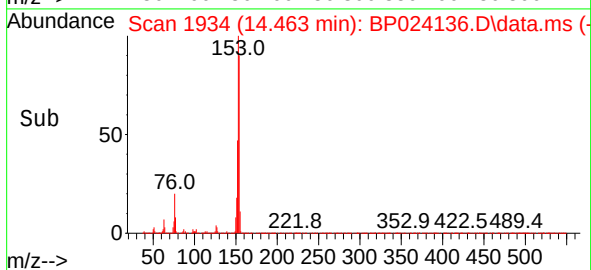
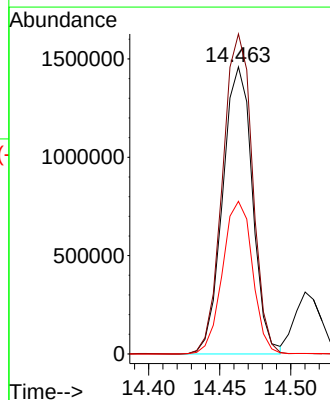
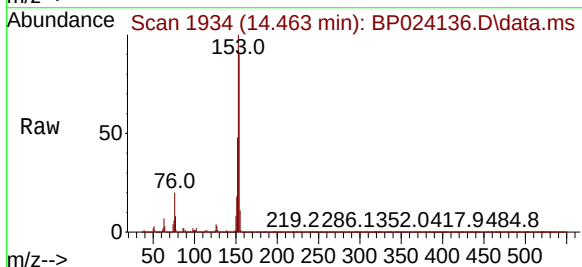
Instrument :
BNA_P
ClientSampleId :
PB166907BS

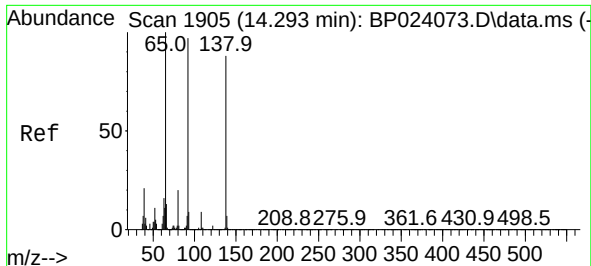
Tgt Ion:165 Resp: 595306
Ion Ratio Lower Upper
165 100
63 45.1 40.1 60.1
89 51.4 44.2 66.4



#52
Acenaphthene
Concen: 42.098 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:154 Resp: 2131033
Ion Ratio Lower Upper
154 100
153 111.5 90.6 135.8
152 53.2 43.6 65.4

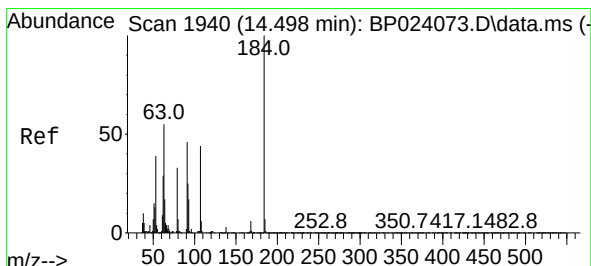
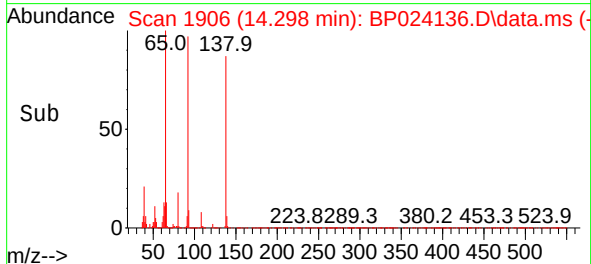
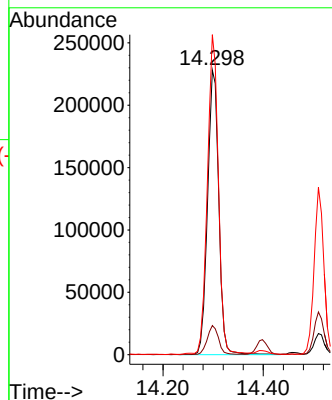
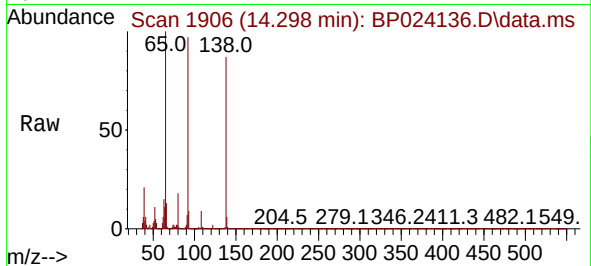




#53
3-Nitroaniline
Concen: 25.373 ng
RT: 14.298 min Scan# 1905
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

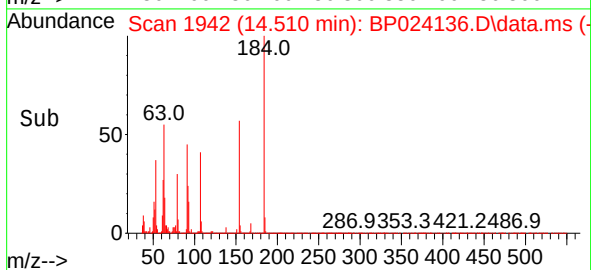
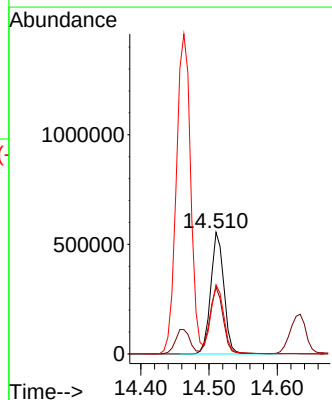
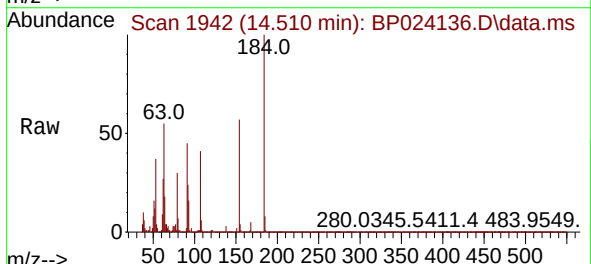
Instrument :
BNA_P
ClientSampleId :
PB166907BS

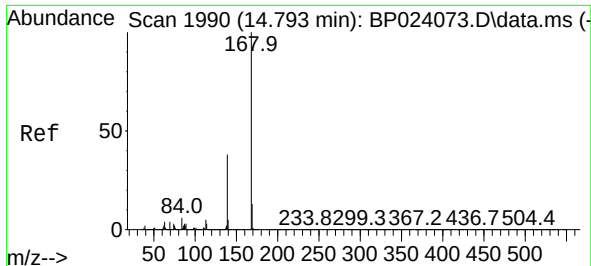
Tgt Ion:138 Resp: 353355
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.8
92 112.5 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 86.484 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:184 Resp: 750152
Ion Ratio Lower Upper
184 100
63 54.9 49.4 74.0
154 56.8 49.2 73.8

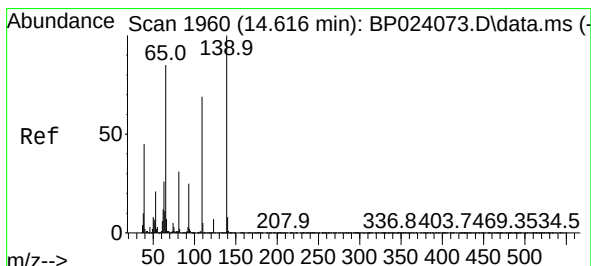
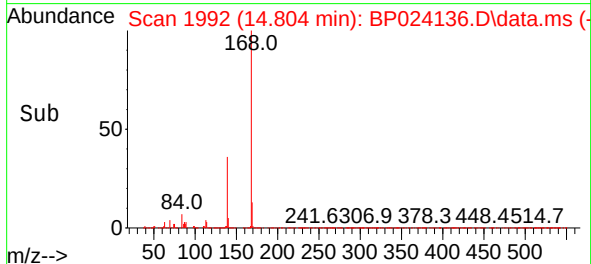
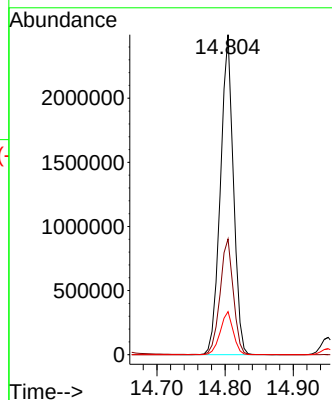
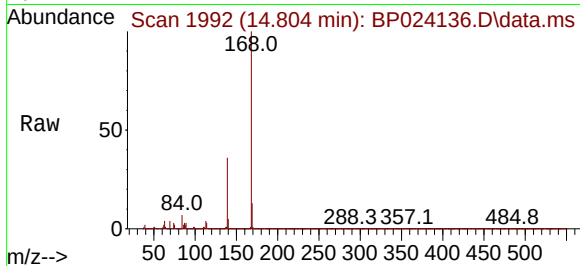




#55
Dibenzenofuran
Concen: 40.282 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

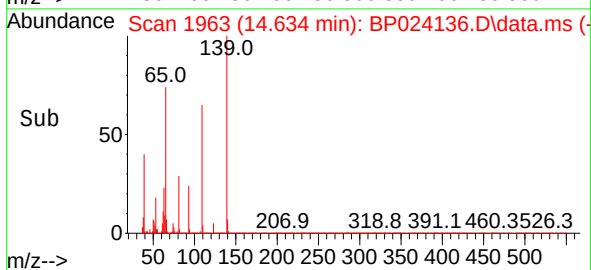
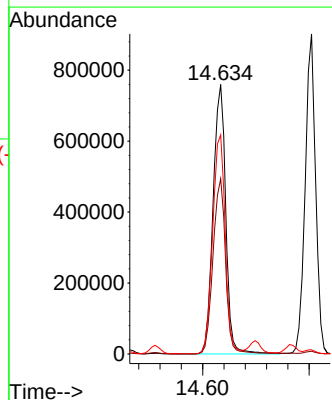
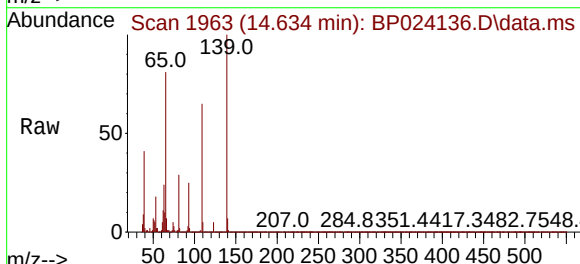
Instrument :
BNA_P
ClientSampleId :
PB166907BS

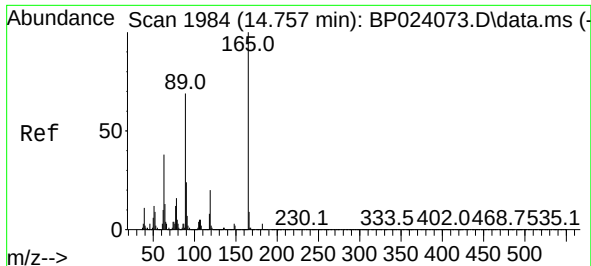
Tgt Ion:168 Resp: 3312528
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 103.998 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:139 Resp: 1251094
Ion Ratio Lower Upper
139 100
109 65.0 49.2 89.2
65 81.3 65.4 105.4

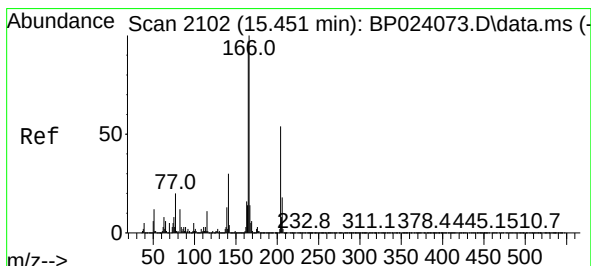
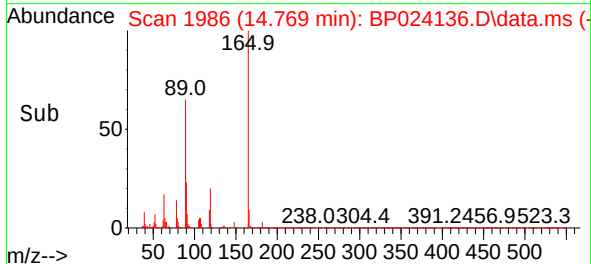
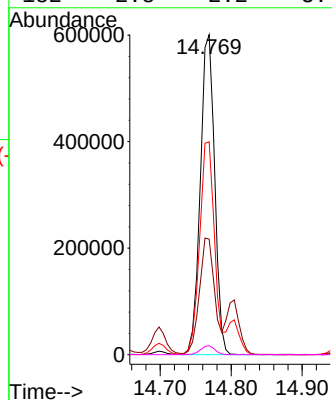
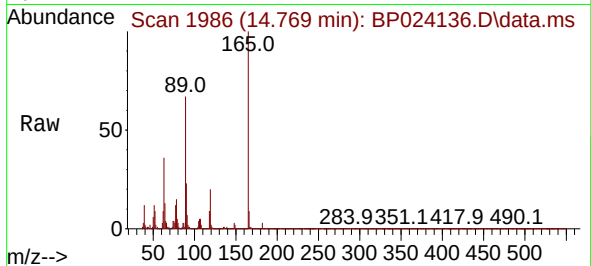




#57
2,4-Dinitrotoluene
Concen: 49.846 ng
RT: 14.769 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

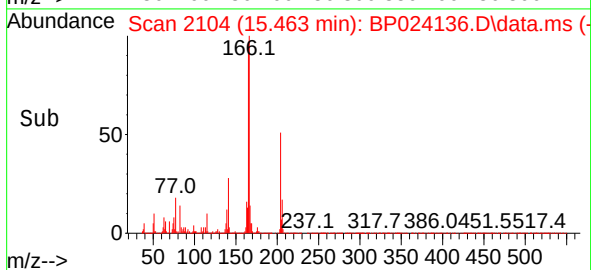
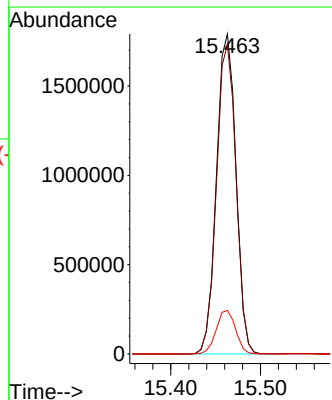
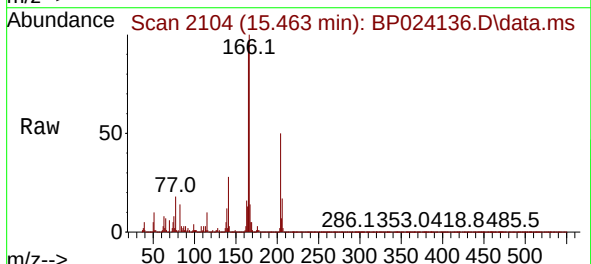
Instrument :
BNA_P
ClientSampleId :
PB166907BS

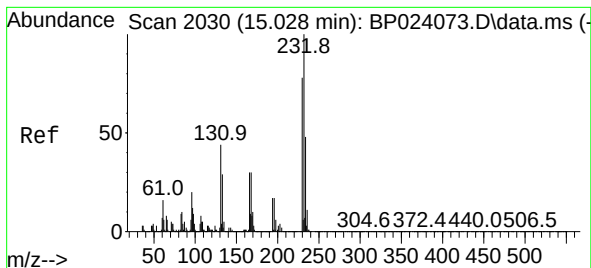
Tgt Ion:165 Resp: 845072
Ion Ratio Lower Upper
165 100
63 36.1 30.4 45.6
89 66.5 54.8 82.2
182 2.8 2.2 3.4



#58
Fluorene
Concen: 42.069 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:166 Resp: 2701747
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.116 ng

RT: 15.034 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

Tgt Ion:232 Resp: 728577

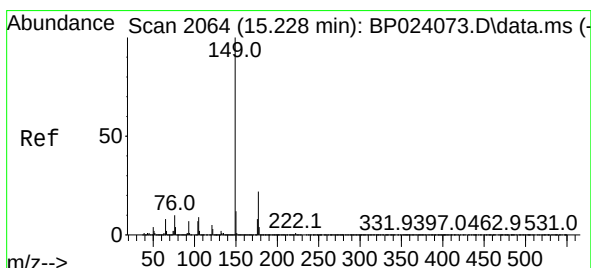
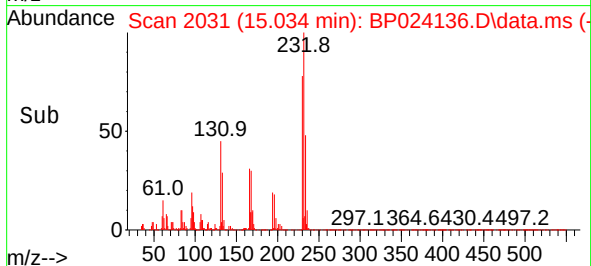
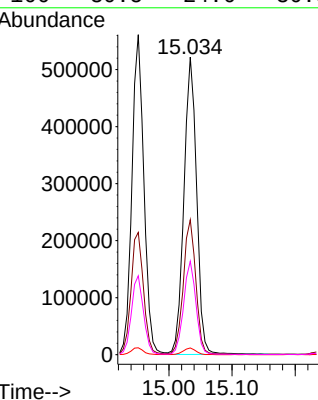
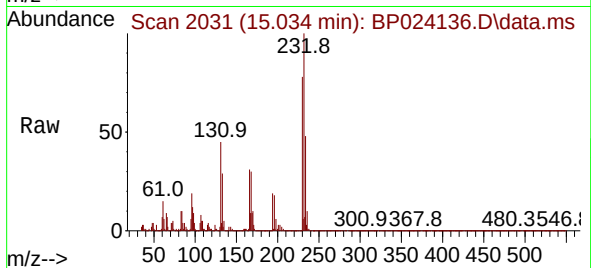
Ion Ratio Lower Upper

232 100

131 44.9 37.3 55.9

130 2.2 1.9 2.9

166 30.5 24.6 36.8



#60

Diethylphthalate

Concen: 43.434 ng

RT: 15.234 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

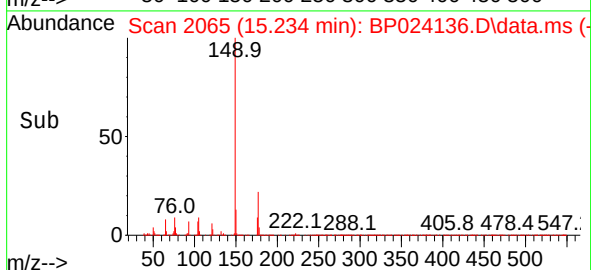
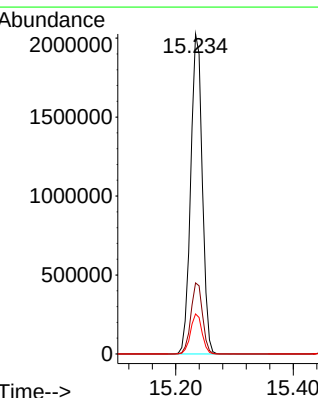
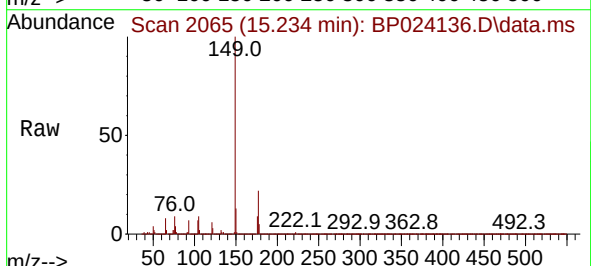
Tgt Ion:149 Resp: 2762425

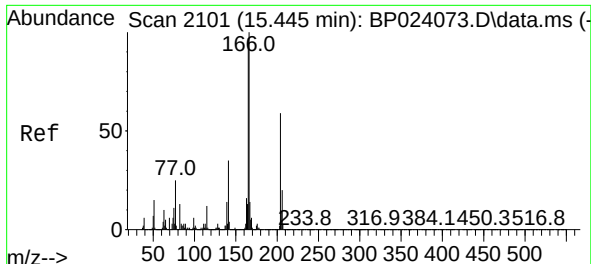
Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

150 12.5 9.8 14.6

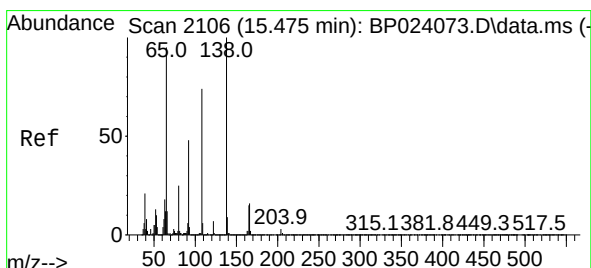
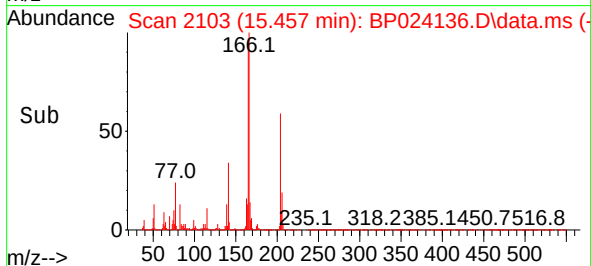
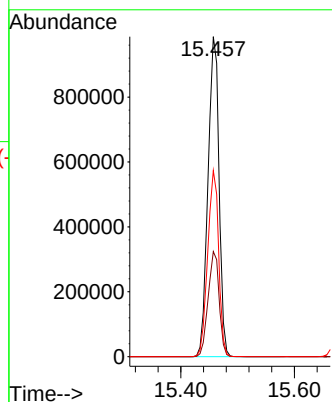
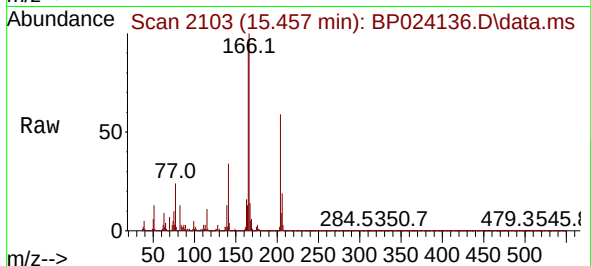




#61
4-Chlorophenyl-phenylether
Concen: 41.790 ng
RT: 15.457 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

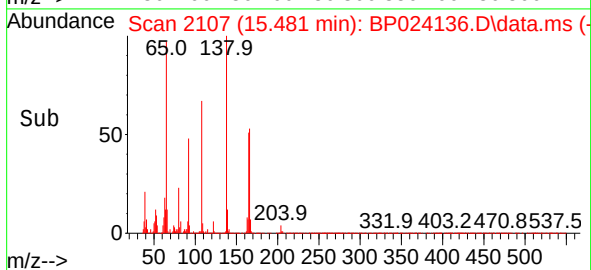
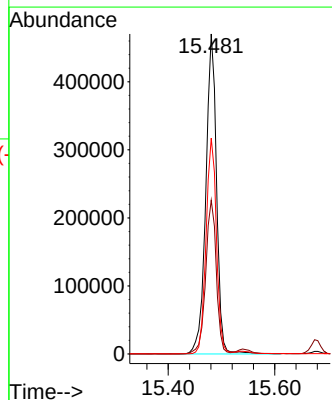
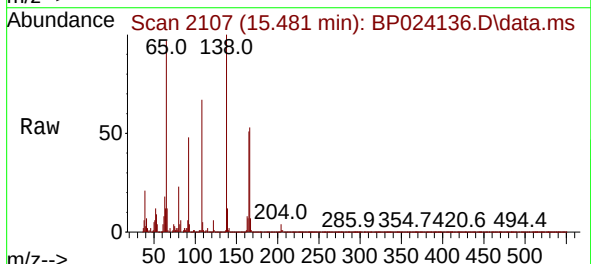
Instrument :
BNA_P
ClientSampleId :
PB166907BS

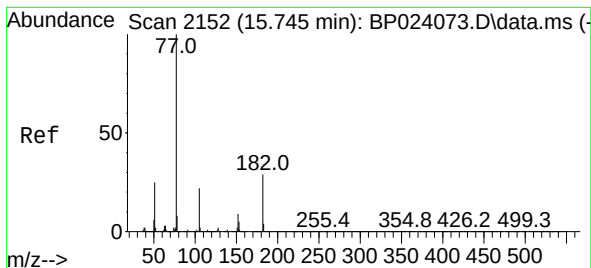
Tgt Ion:204 Resp: 1321017
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 58.1 47.8 71.6



#62
4-Nitroaniline
Concen: 40.546 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:138 Resp: 659464
Ion Ratio Lower Upper
138 100
92 48.0 28.3 68.3
108 67.5 54.0 94.0





#63

Azobenzene

Concen: 42.488 ng

RT: 15.757 min Scan# 2154

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

Tgt Ion: 77 Resp: 2532213

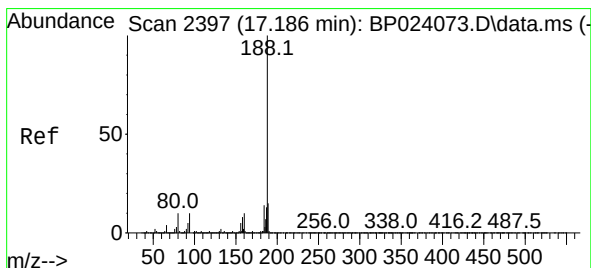
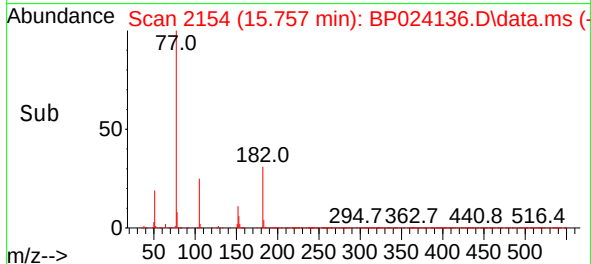
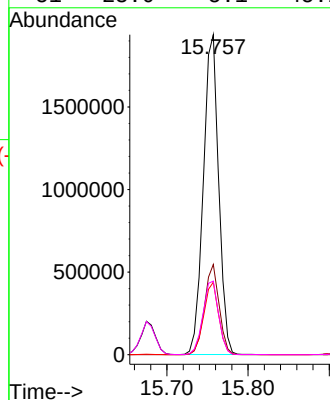
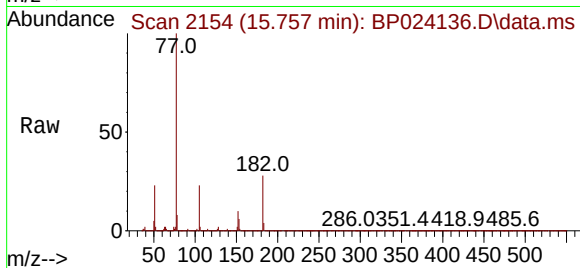
Ion Ratio Lower Upper

77 100

182 28.2 8.5 48.5

105 22.6 1.8 41.8

51 23.0 5.1 45.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2399

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

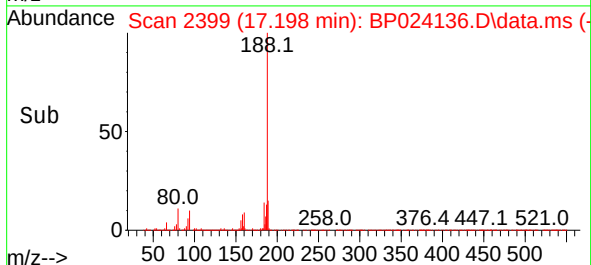
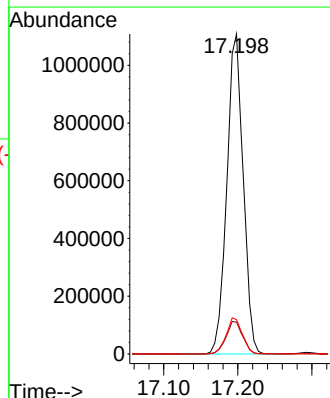
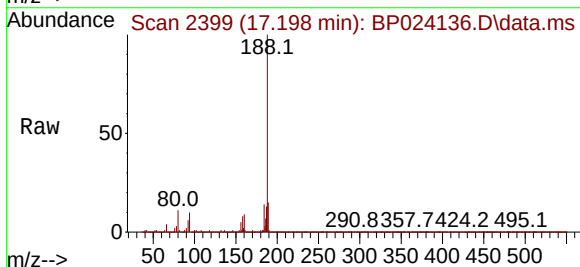
Tgt Ion:188 Resp: 1698626

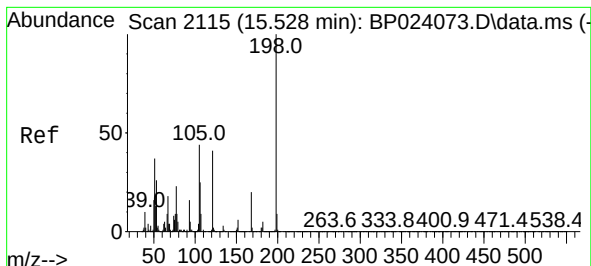
Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

80 10.8 8.2 12.2

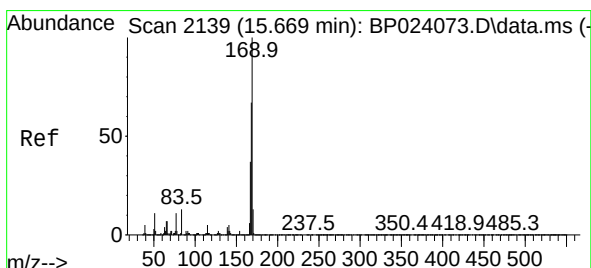
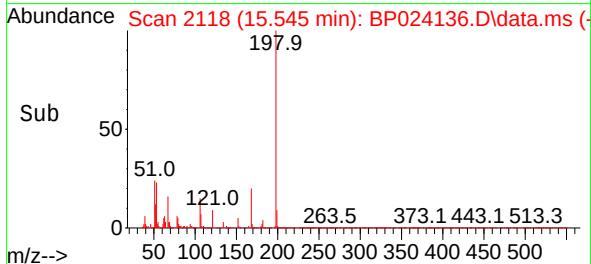
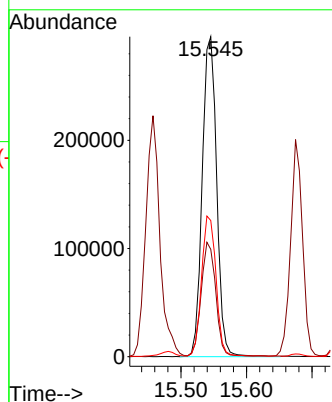
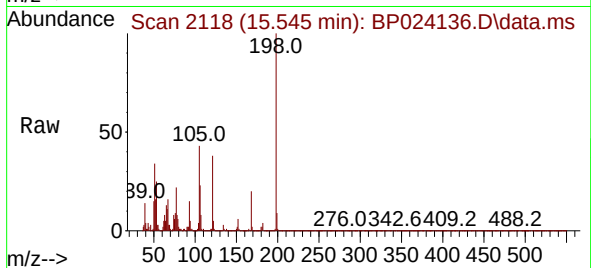




#65
4,6-Dinitro-2-methylphenol
Concen: 42.321 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.017 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

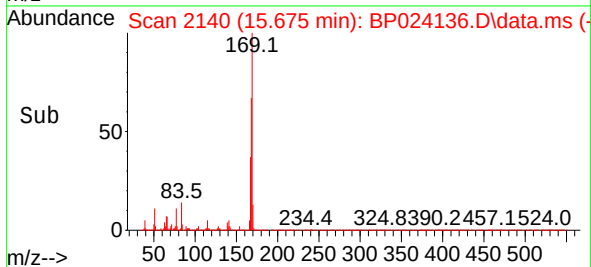
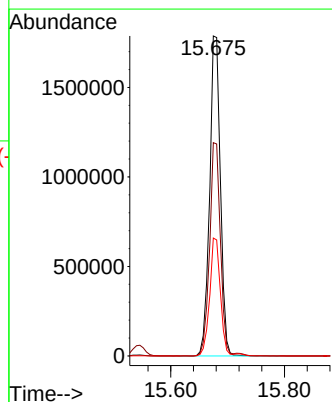
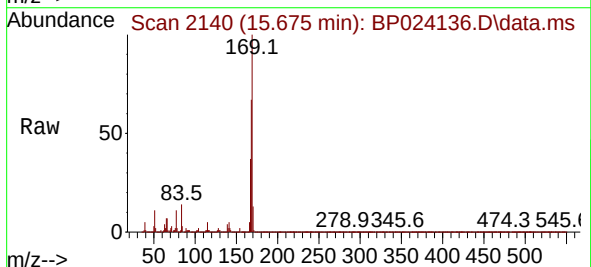
Instrument :
BNA_P
ClientSampleId :
PB166907BS

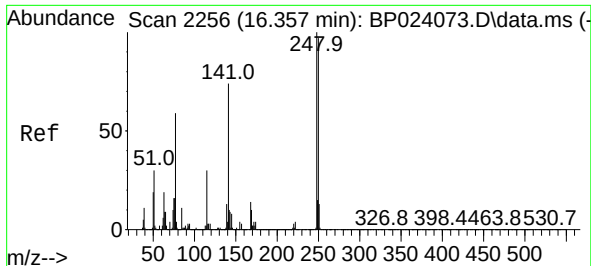
Tgt Ion:198 Resp: 452915
Ion Ratio Lower Upper
198 100
51 33.6 18.7 58.7
105 42.5 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 44.132 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:169 Resp: 2337740
Ion Ratio Lower Upper
169 100
168 66.7 53.6 80.4
167 36.8 29.5 44.3

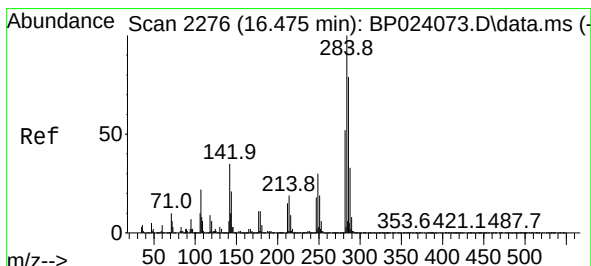
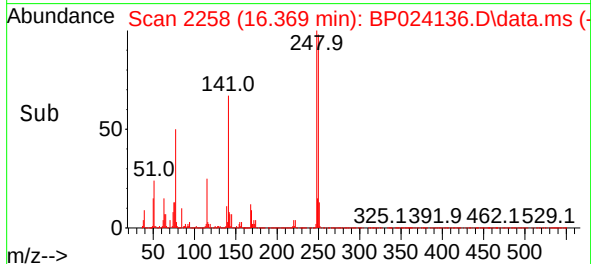
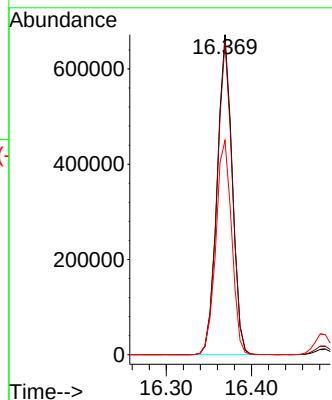
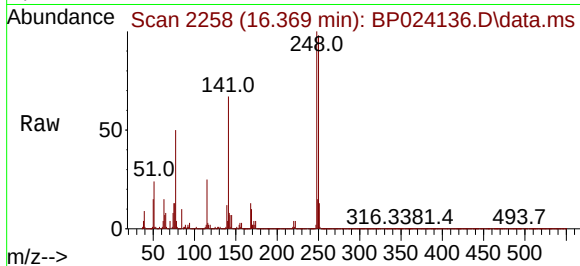




#67
4-Bromophenyl-phenylether
Concen: 43.376 ng
RT: 16.369 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

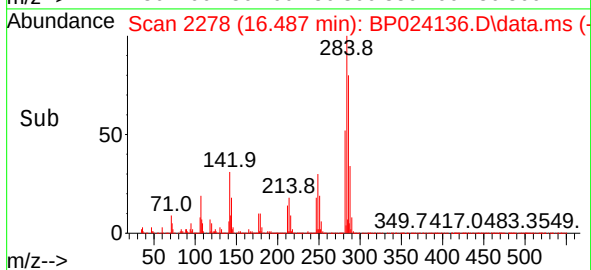
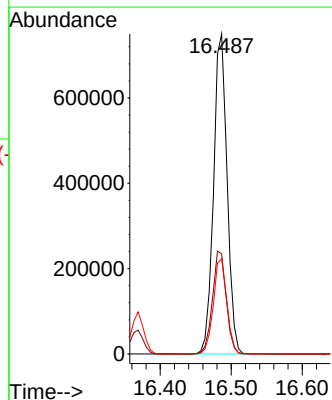
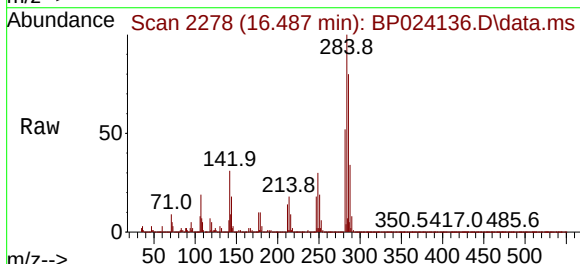
Instrument :
BNA_P
ClientSampleId :
PB166907BS

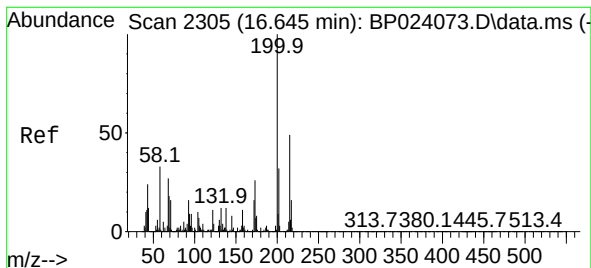
Tgt Ion:248 Resp: 827388
Ion Ratio Lower Upper
248 100
250 97.8 77.9 116.9
141 67.0 58.8 88.2



#68
Hexachlorobenzene
Concen: 44.141 ng
RT: 16.487 min Scan# 2278
Delta R.T. 0.012 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:284 Resp: 990731
Ion Ratio Lower Upper
284 100
142 31.3 27.7 41.5
249 29.7 23.8 35.6





#69

Atrazine

Concen: 68.220 ng

RT: 16.651 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

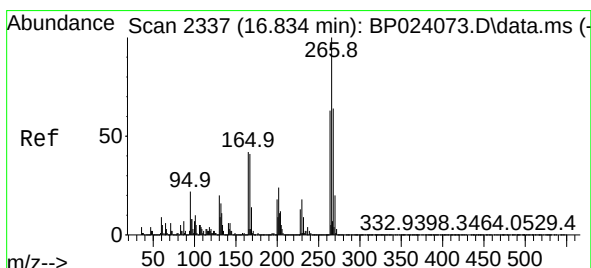
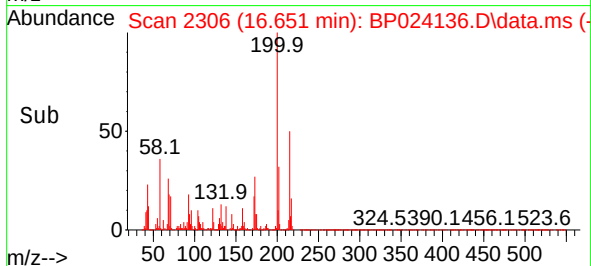
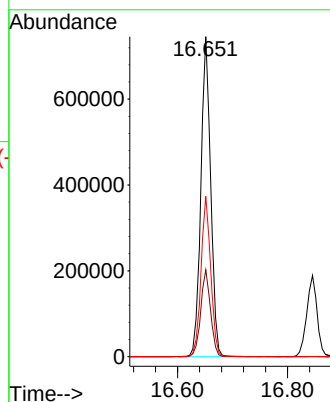
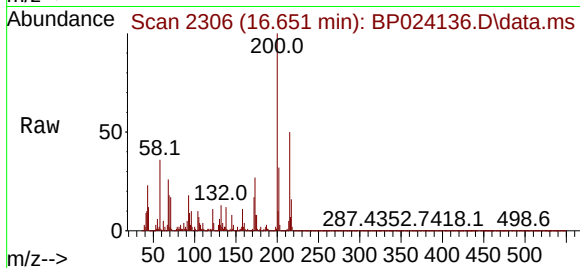
Tgt Ion:200 Resp: 927386

Ion Ratio Lower Upper

200 100

173 27.2 5.7 45.7

215 50.1 28.7 68.7



#70

Pentachlorophenol

Concen: 97.203 ng

RT: 16.845 min Scan# 2339

Delta R.T. 0.011 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

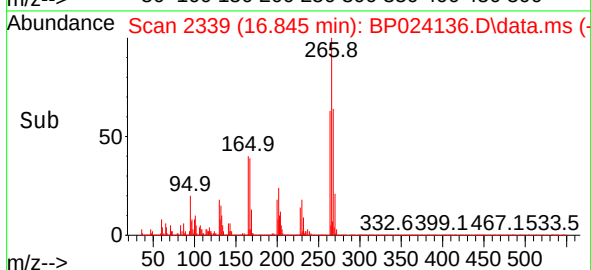
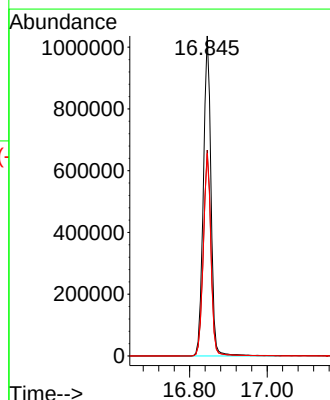
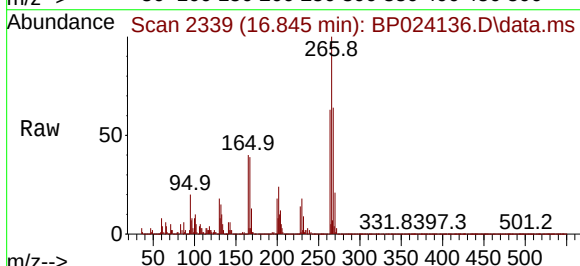
Tgt Ion:266 Resp: 1416987

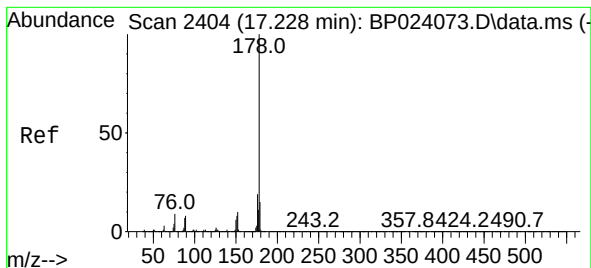
Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

264 63.3 50.5 75.7





#71

Phenanthrene

Concen: 42.561 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

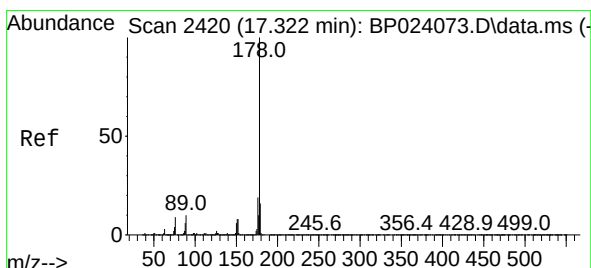
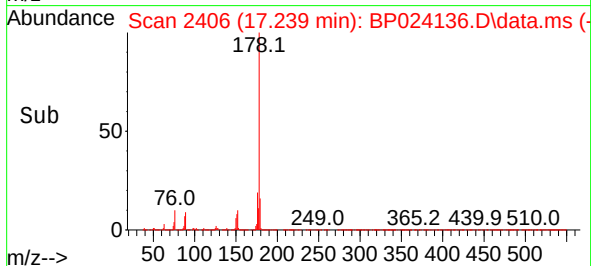
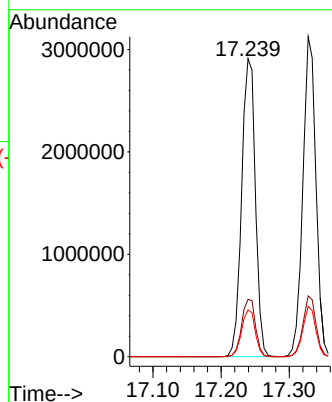
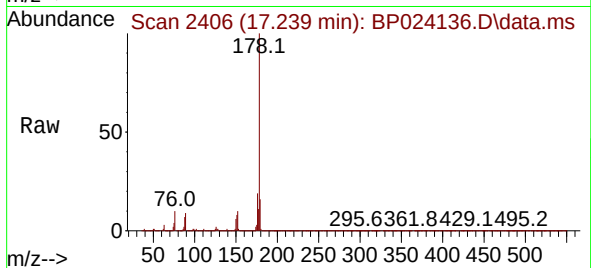
Tgt Ion:178 Resp: 4075908

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 45.491 ng

RT: 17.328 min Scan# 2421

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

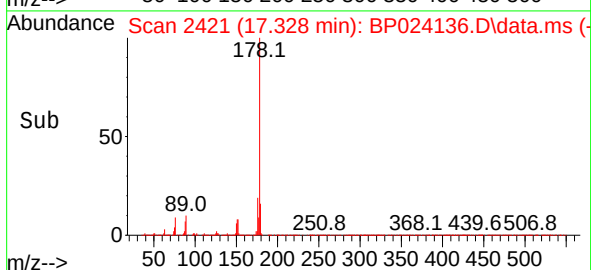
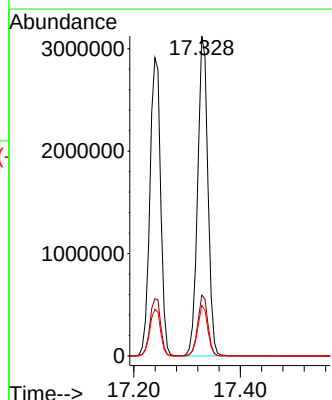
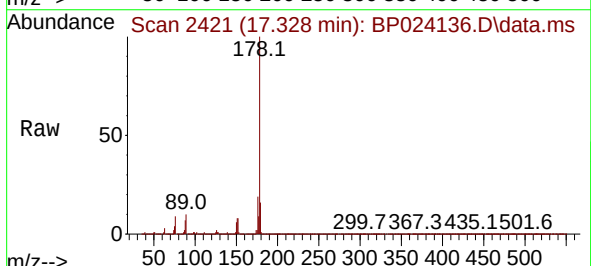
Tgt Ion:178 Resp: 4174859

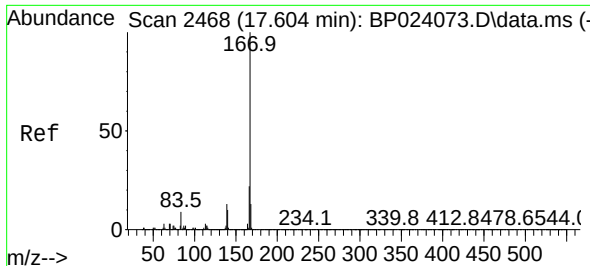
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.7 12.6 19.0

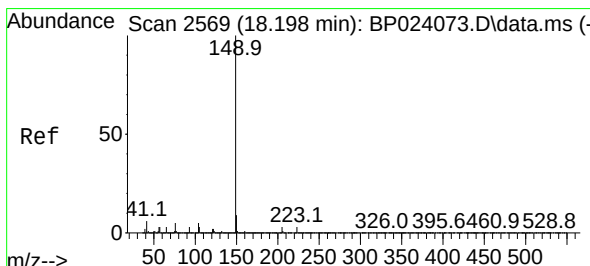
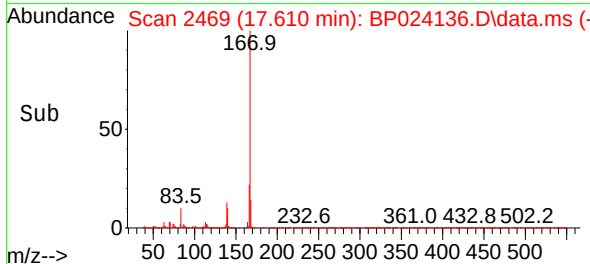
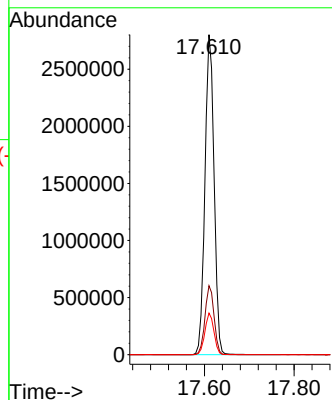
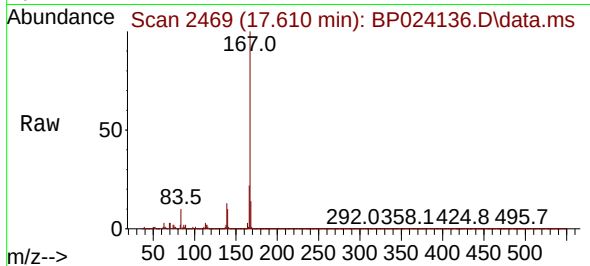




#73
Carbazole
Concen: 45.201 ng
RT: 17.610 min Scan# 2469
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

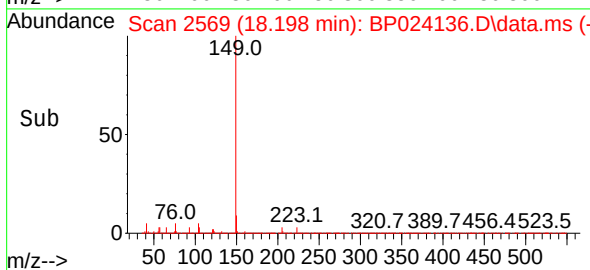
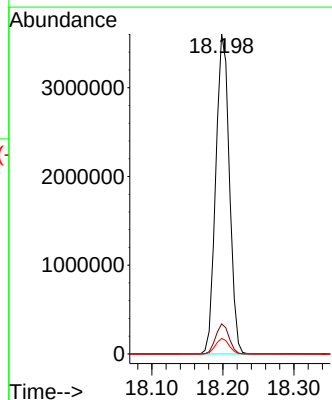
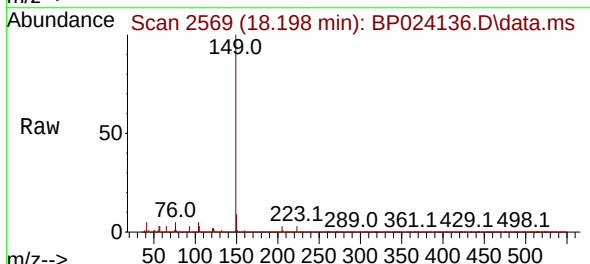
Instrument :
BNA_P
ClientSampleId :
PB166907BS

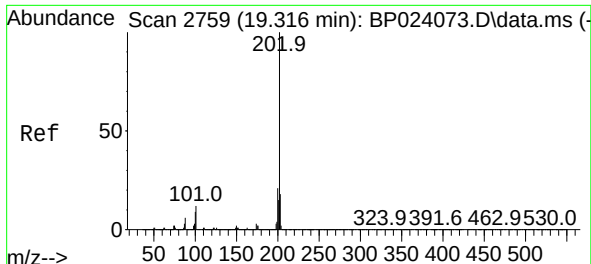
Tgt Ion:167 Resp: 3952334
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 13.0 10.3 15.5



#74
Di-n-butylphthalate
Concen: 46.909 ng
RT: 18.198 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:149 Resp: 4785898
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.9 4.2 6.2

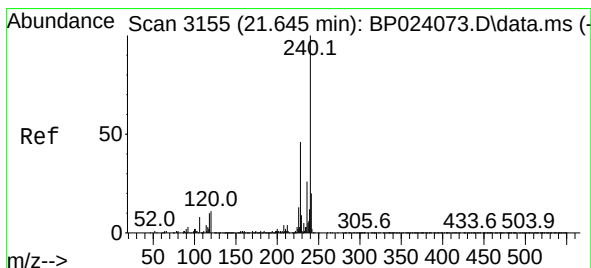
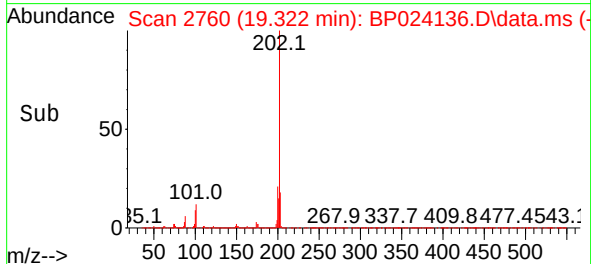
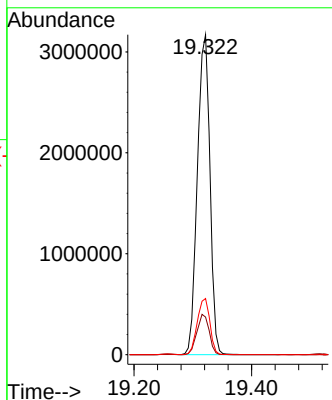
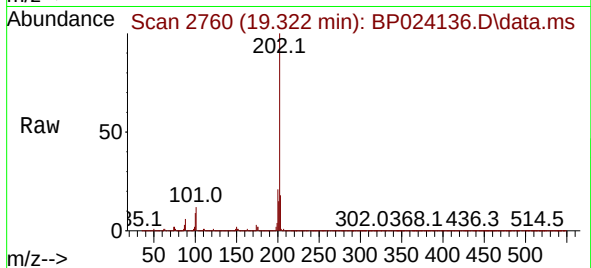




#75
Fluoranthene
Concen: 43.260 ng
RT: 19.322 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

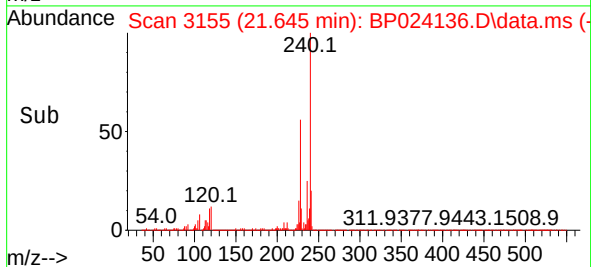
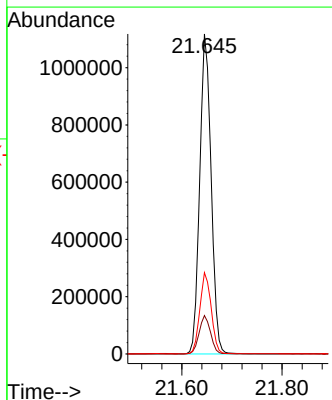
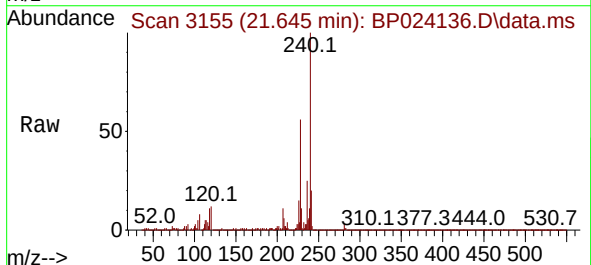
Instrument :
BNA_P
ClientSampleId :
PB166907BS

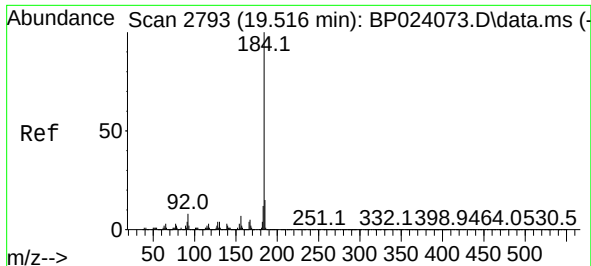
Tgt Ion:202 Resp: 4685867
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:240 Resp: 1762582
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.4 20.7 31.1

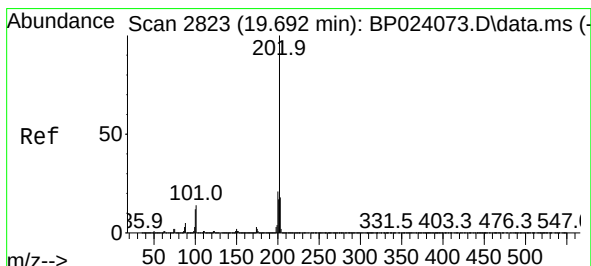
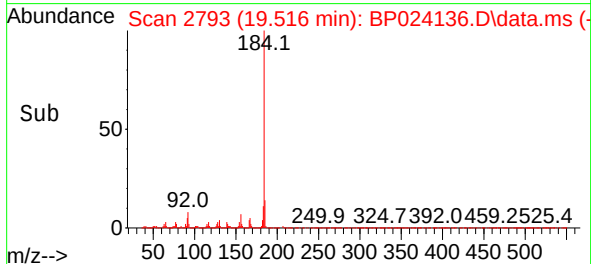
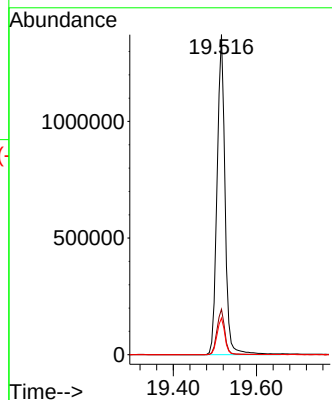
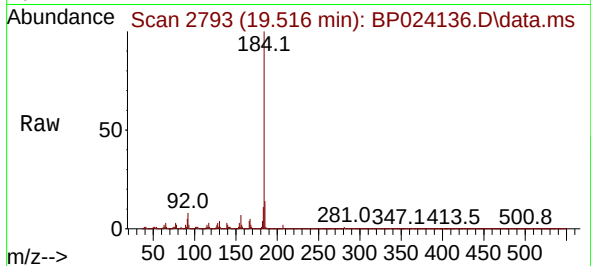




#77
Benzidine
Concen: 84.620 ng
RT: 19.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

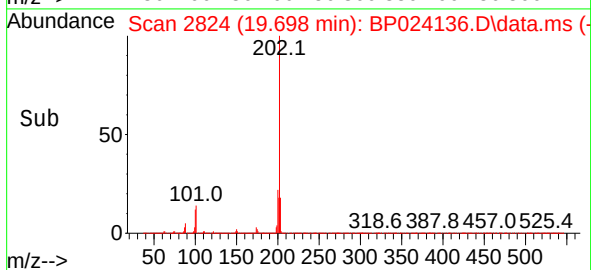
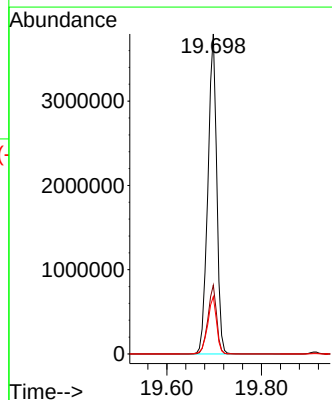
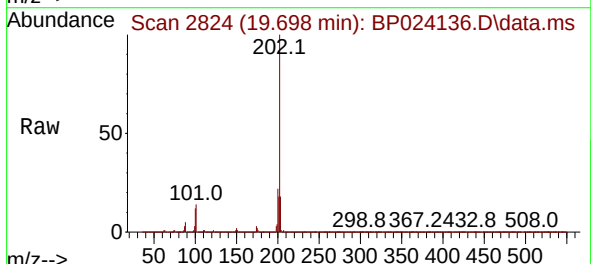
Instrument :
BNA_P
ClientSampleId :
PB166907BS

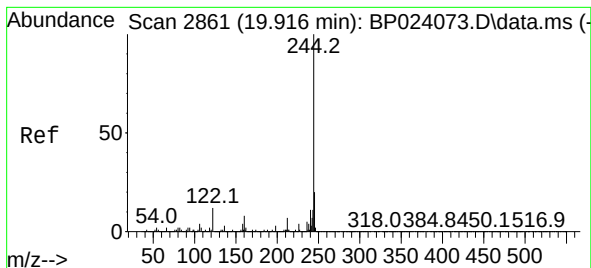
Tgt Ion:184 Resp: 1817476
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 11.4 9.3 13.9



#78
Pyrene
Concen: 43.818 ng
RT: 19.698 min Scan# 2824
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:202 Resp: 4905742
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 93.778 ng

RT: 19.910 min Scan# 2860

Delta R.T. -0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

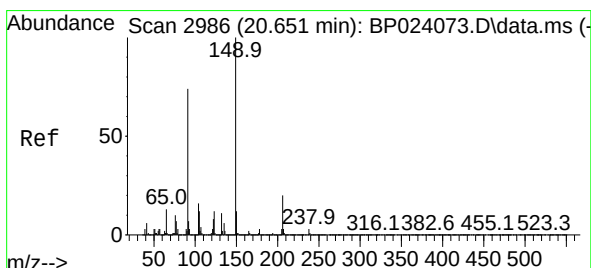
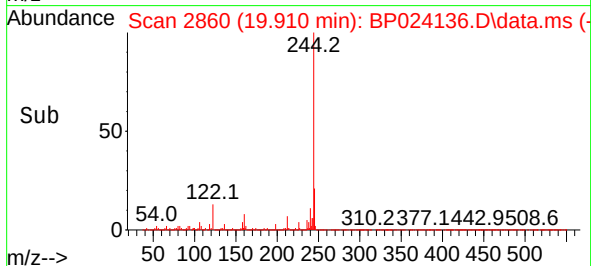
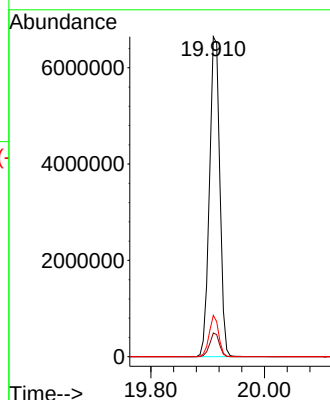
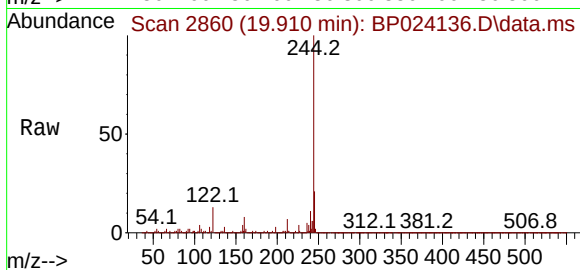
Tgt Ion:244 Resp: 8353335

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.9 9.4 14.2



#80

Butylbenzylphthalate

Concen: 50.421 ng

RT: 20.645 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

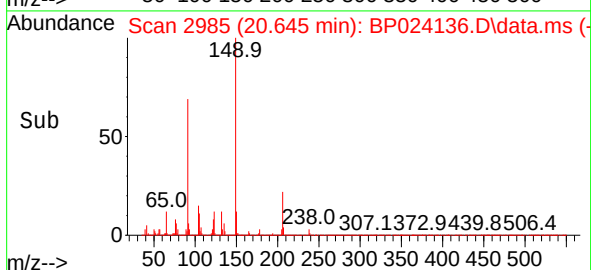
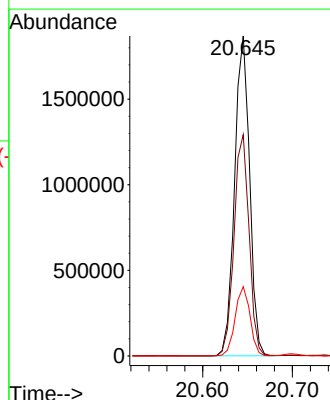
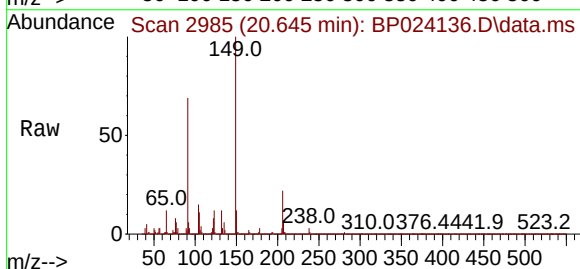
Tgt Ion:149 Resp: 2163140

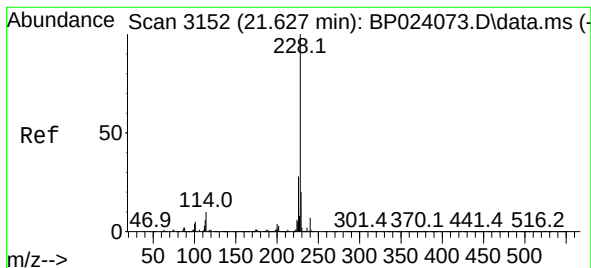
Ion Ratio Lower Upper

149 100

91 69.2 59.4 89.0

206 21.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.212 ng

RT: 21.627 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

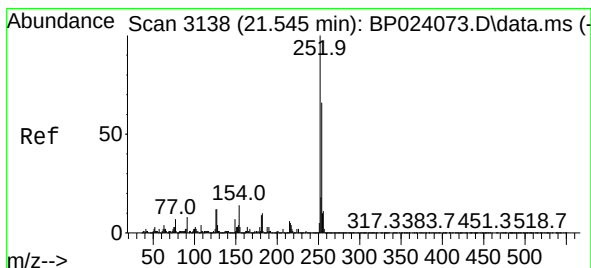
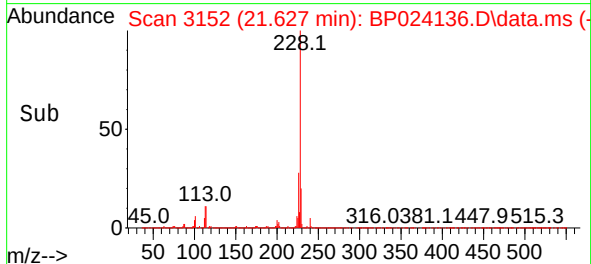
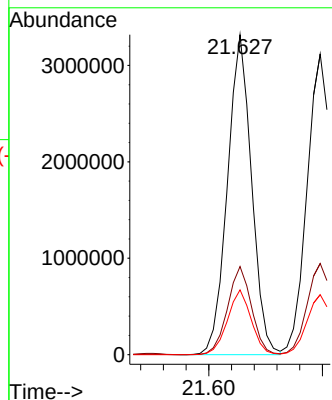
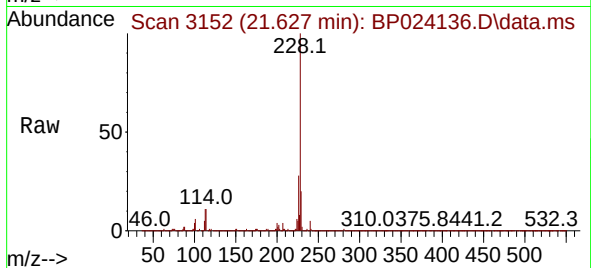
Tgt Ion:228 Resp: 4886428

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.492 ng

RT: 21.551 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

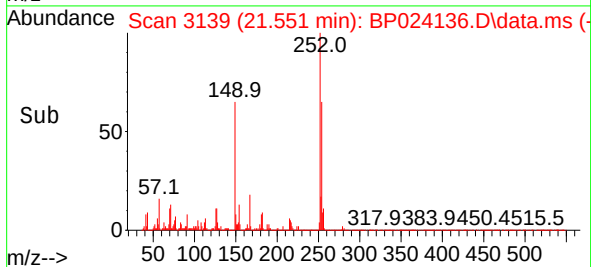
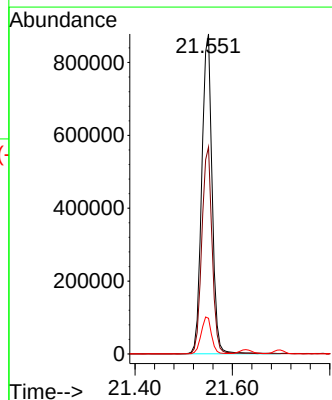
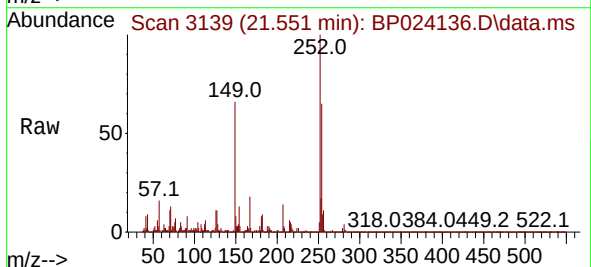
Tgt Ion:252 Resp: 1294829

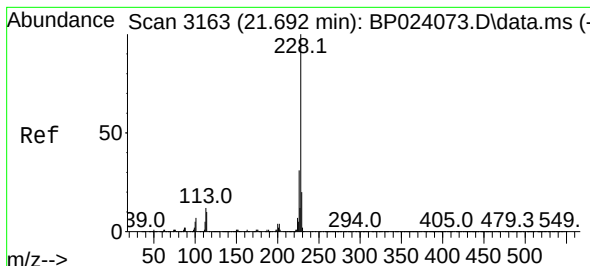
Ion Ratio Lower Upper

252 100

254 64.7 52.4 78.6

126 11.2 9.6 14.4





#83

Chrysene

Concen: 42.809 ng

RT: 21.698 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

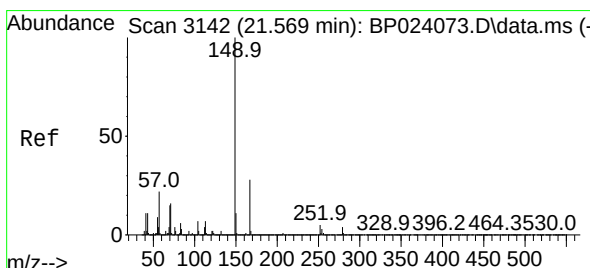
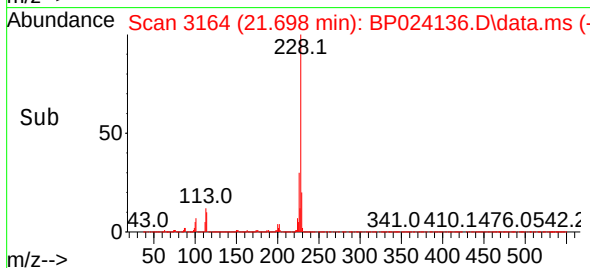
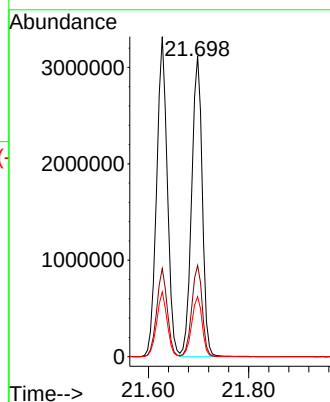
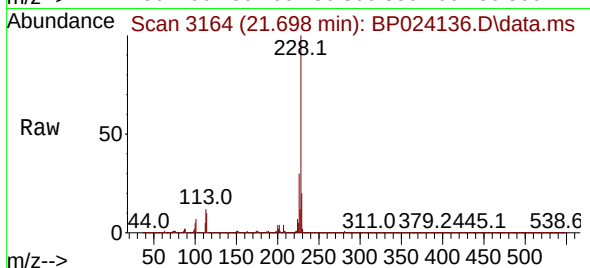
Tgt Ion:228 Resp: 4562320

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.443 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

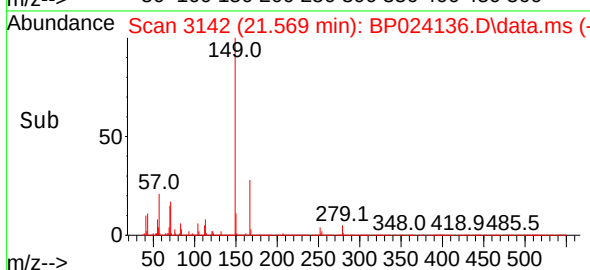
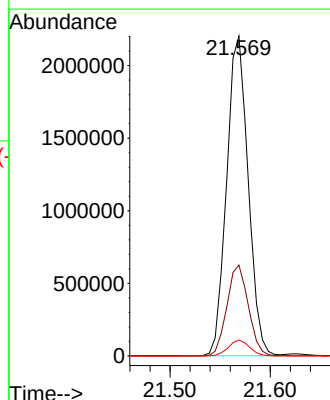
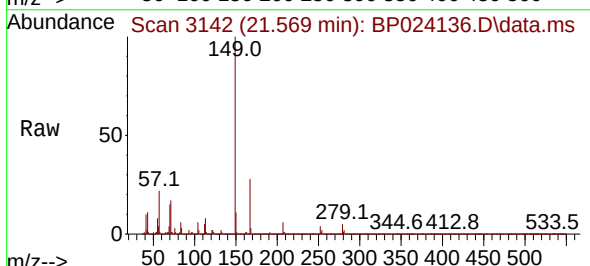
Tgt Ion:149 Resp: 3281730

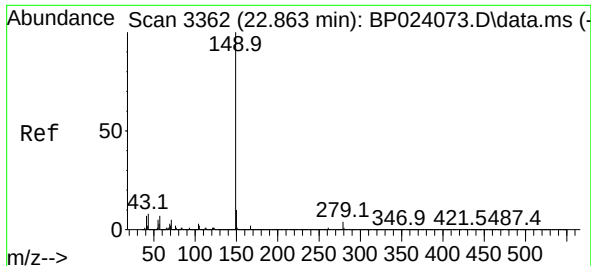
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

279 5.0 3.6 5.4

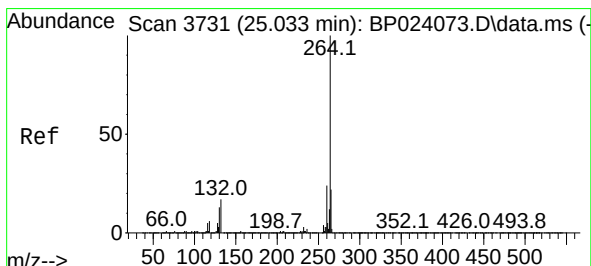
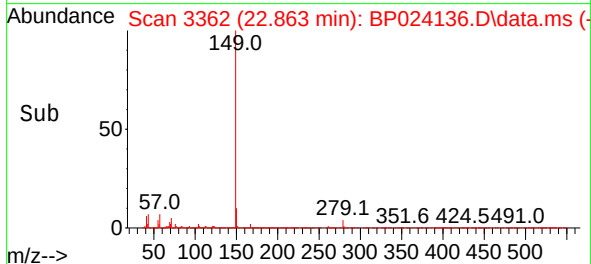
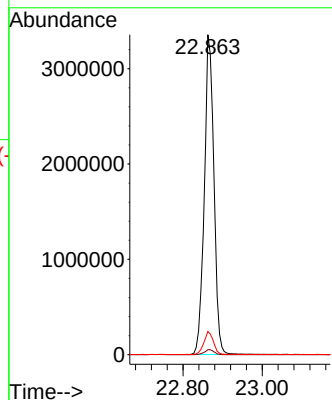
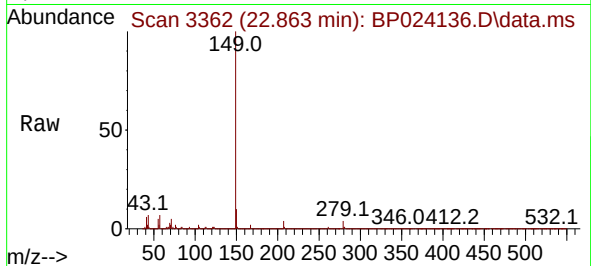




#85
Di-n-octyl phthalate
Concen: 54.316 ng
RT: 22.863 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

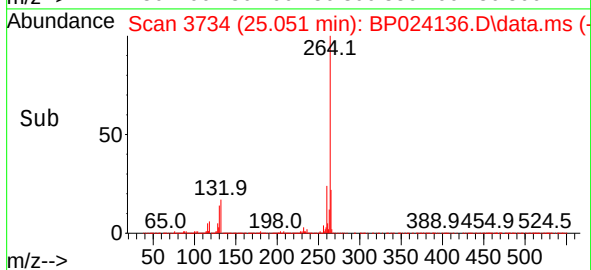
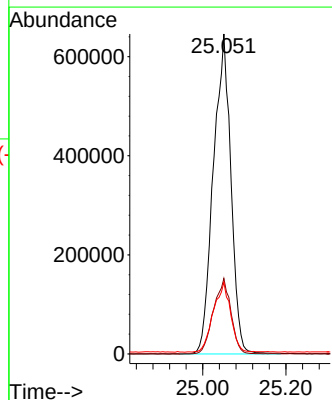
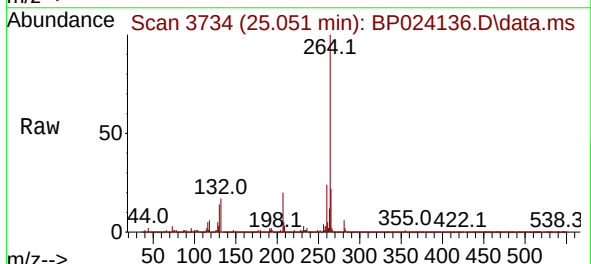
Instrument :
BNA_P
ClientSampleId :
PB166907BS

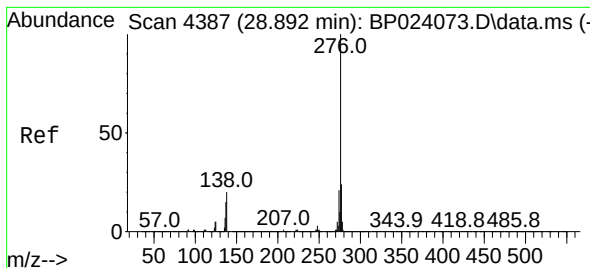
Tgt Ion:149 Resp: 5648291
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.051 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:264 Resp: 1886973
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.528 ng

RT: 28.904 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

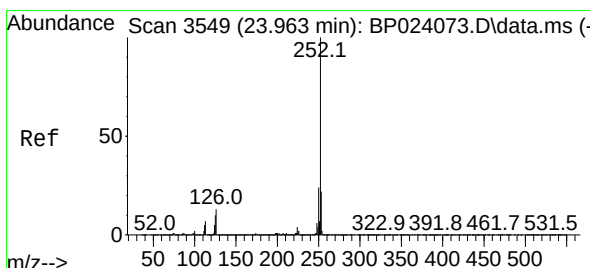
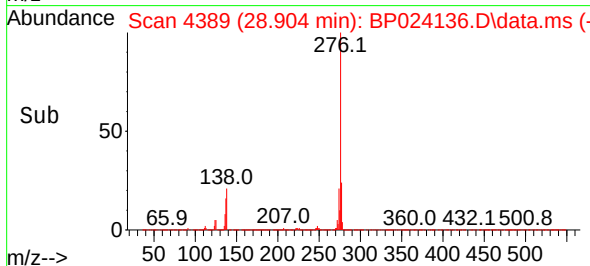
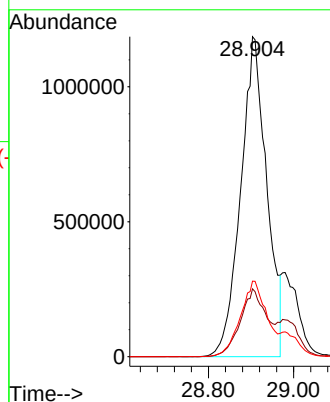
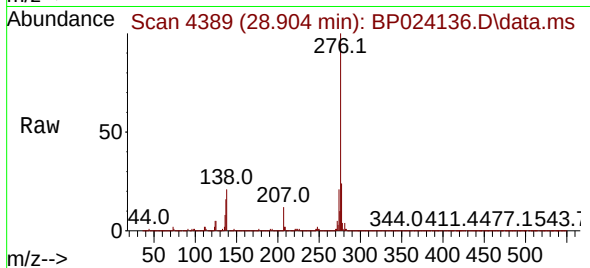
Tgt Ion:276 Resp: 5037805

Ion Ratio Lower Upper

276 100

138 21.4 14.2 21.4#

277 23.8 16.2 24.4



#88

Benzo(b)fluoranthene

Concen: 40.855 ng

RT: 23.968 min Scan# 3550

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

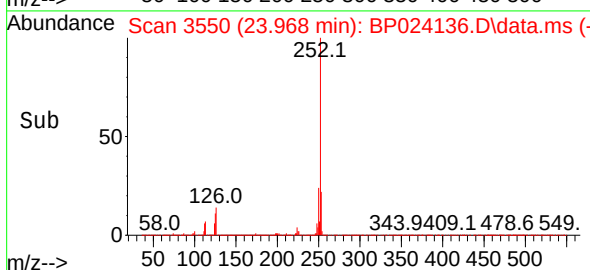
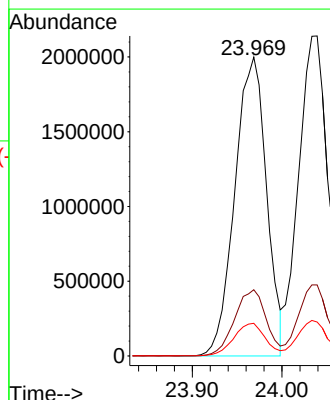
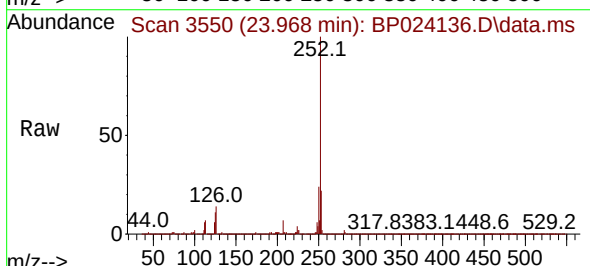
Tgt Ion:252 Resp: 4895584

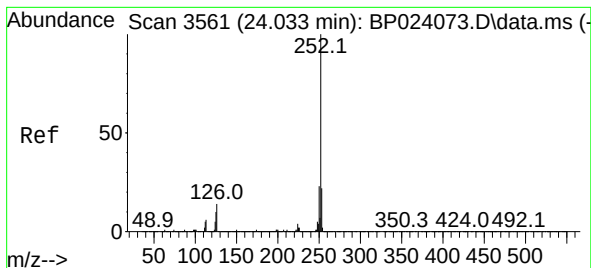
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.9 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 42.954 ng

RT: 24.039 min Scan# 3561

Delta R.T. 0.006 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PB166907BS

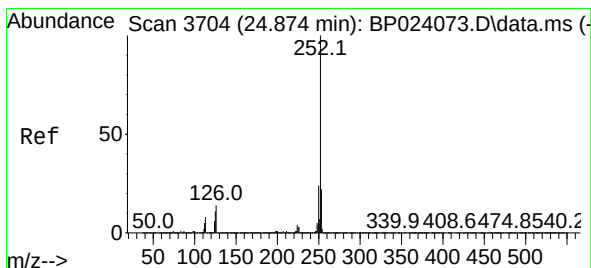
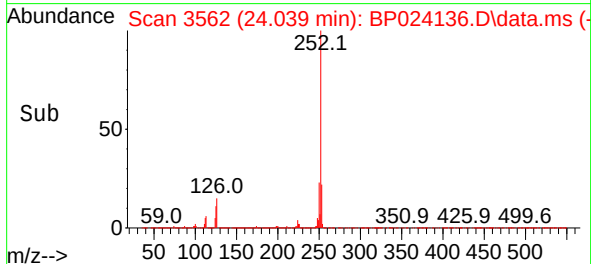
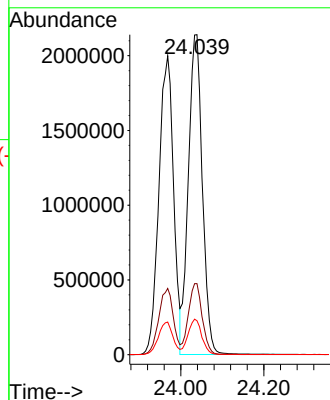
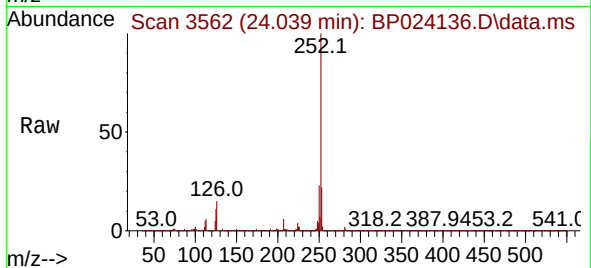
Tgt Ion:252 Resp: 5009970

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 46.149 ng

RT: 24.886 min Scan# 3706

Delta R.T. 0.012 min

Lab File: BP024136.D

Acq: 28 Feb 2025 15:33

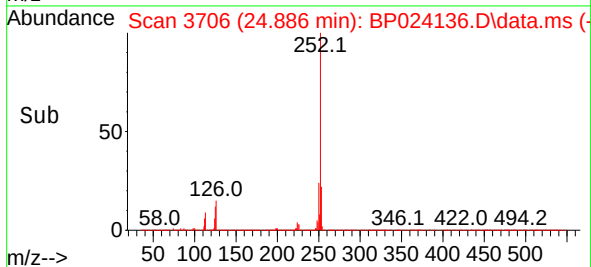
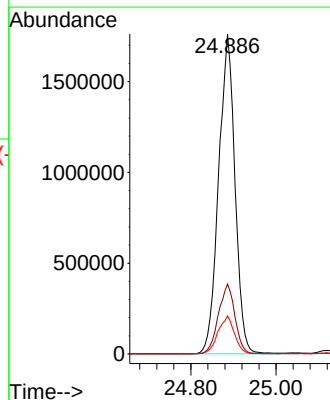
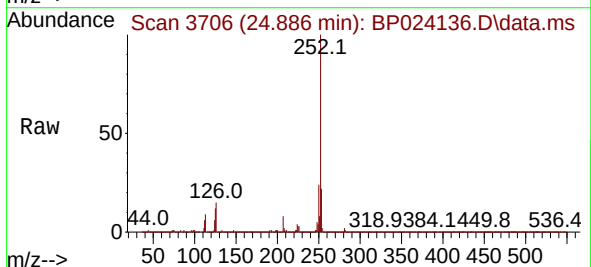
Tgt Ion:252 Resp: 4693073

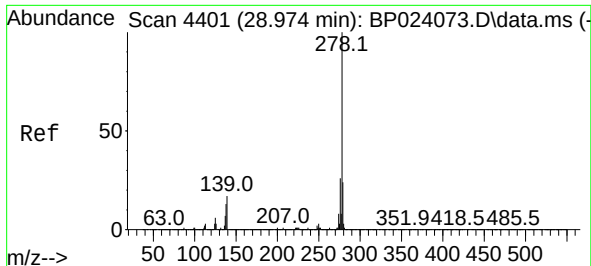
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.9 8.8 13.2

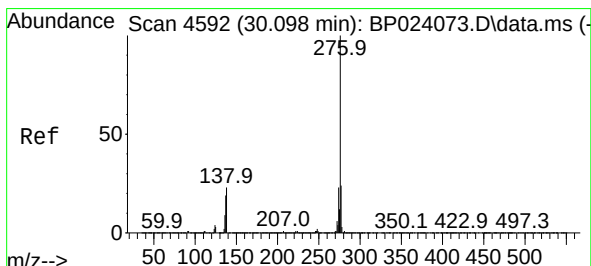
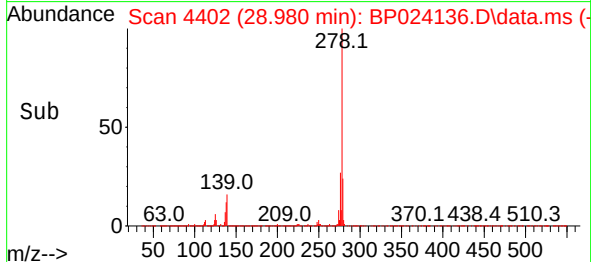
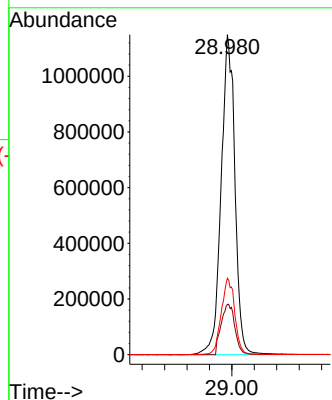
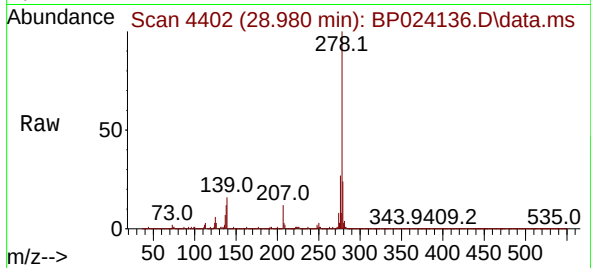




#91
Dibenzo(a,h)anthracene
Concen: 43.444 ng
RT: 28.980 min Scan# 4401
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Instrument :
BNA_P
ClientSampleId :
PB166907BS

Tgt Ion:278 Resp: 4903643
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.0
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.119 ng
RT: 30.103 min Scan# 4593
Delta R.T. 0.006 min
Lab File: BP024136.D
Acq: 28 Feb 2025 15:33

Tgt Ion:276 Resp: 4595150
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 21.9 18.1 27.1

