

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024357.D
 Acq On : 21 Apr 2025 11:29
 Operator : RC/JU
 Sample : PB167655BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167655BS

Quant Time: Apr 21 11:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	232733	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	931122	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	560405	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1102624	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1215967	20.000	ng	0.00
86) Perylene-d12	24.927	264	1443949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1810522	128.629	ng	0.00
7) Phenol-d6	6.916	99	2249715	116.727	ng	0.00
23) Nitrobenzene-d5	8.875	82	1333656	81.672	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1020772	131.653	ng	0.01
45) 2-Fluorobiphenyl	12.963	172	3007215	82.162	ng	0.00
79) Terphenyl-d14	19.875	244	4927640	81.683	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	204713	34.384	ng	96
3) Pyridine	3.687	79	545280	34.685	ng	98
4) n-Nitrosodimethylamine	3.593	42	225308	43.183	ng	91
6) Aniline	7.069	93	768262	44.608	ng	99
8) 2-Chlorophenol	7.299	128	674315	42.908	ng	98
9) Benzaldehyde	6.881	77	301808	31.657	ng	97
10) Phenol	6.940	94	822696	42.552	ng	96
11) bis(2-Chloroethyl)ether	7.158	93	610900	39.217	ng	99
12) 1,3-Dichlorobenzene	7.616	146	706650	41.768	ng	99
13) 1,4-Dichlorobenzene	7.763	146	718673	41.866	ng	99
14) 1,2-Dichlorobenzene	8.075	146	688830	41.557	ng	99
15) Benzyl Alcohol	7.969	79	526401	42.233	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	682455	40.531	ng	99
17) 2-Methylphenol	8.175	107	547942	43.810	ng	99
18) Hexachloroethane	8.799	117	266429	42.947	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	449667	37.712	ng	98
20) 3+4-Methylphenols	8.493	107	742777	42.801	ng	97
22) Acetophenone	8.540	105	943577	40.943	ng	# 99
24) Nitrobenzene	8.916	77	678884	42.026	ng	99
25) Isophorone	9.440	82	1250366	42.303	ng	99
26) 2-Nitrophenol	9.616	139	350169	44.295	ng	98
27) 2,4-Dimethylphenol	9.687	122	607446	61.197	ng	100
28) bis(2-Chloroethoxy)met...	9.910	93	802800	40.206	ng	99
29) 2,4-Dichlorophenol	10.157	162	587518	43.410	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	610663	42.112	ng	100
31) Naphthalene	10.546	128	1960238	39.966	ng	99
32) Benzoic acid	9.828	122	403843	34.916	ng	99
33) 4-Chloroaniline	10.663	127	367711	21.289	ng	100
34) Hexachlorobutadiene	10.834	225	369458	43.358	ng	98
35) Caprolactam	11.451	113	206465	41.344	ng	100
36) 4-Chloro-3-methylphenol	11.787	107	657005	41.677	ng	99
37) 2-Methylnaphthalene	12.151	142	1218507	35.822	ng	99
38) 1-Methylnaphthalene	12.381	142	1281659	38.515	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	656038	42.569	ng	98
41) Hexachlorocyclopentadiene	12.504	237	920327	168.851	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	462458	45.134	ng	98

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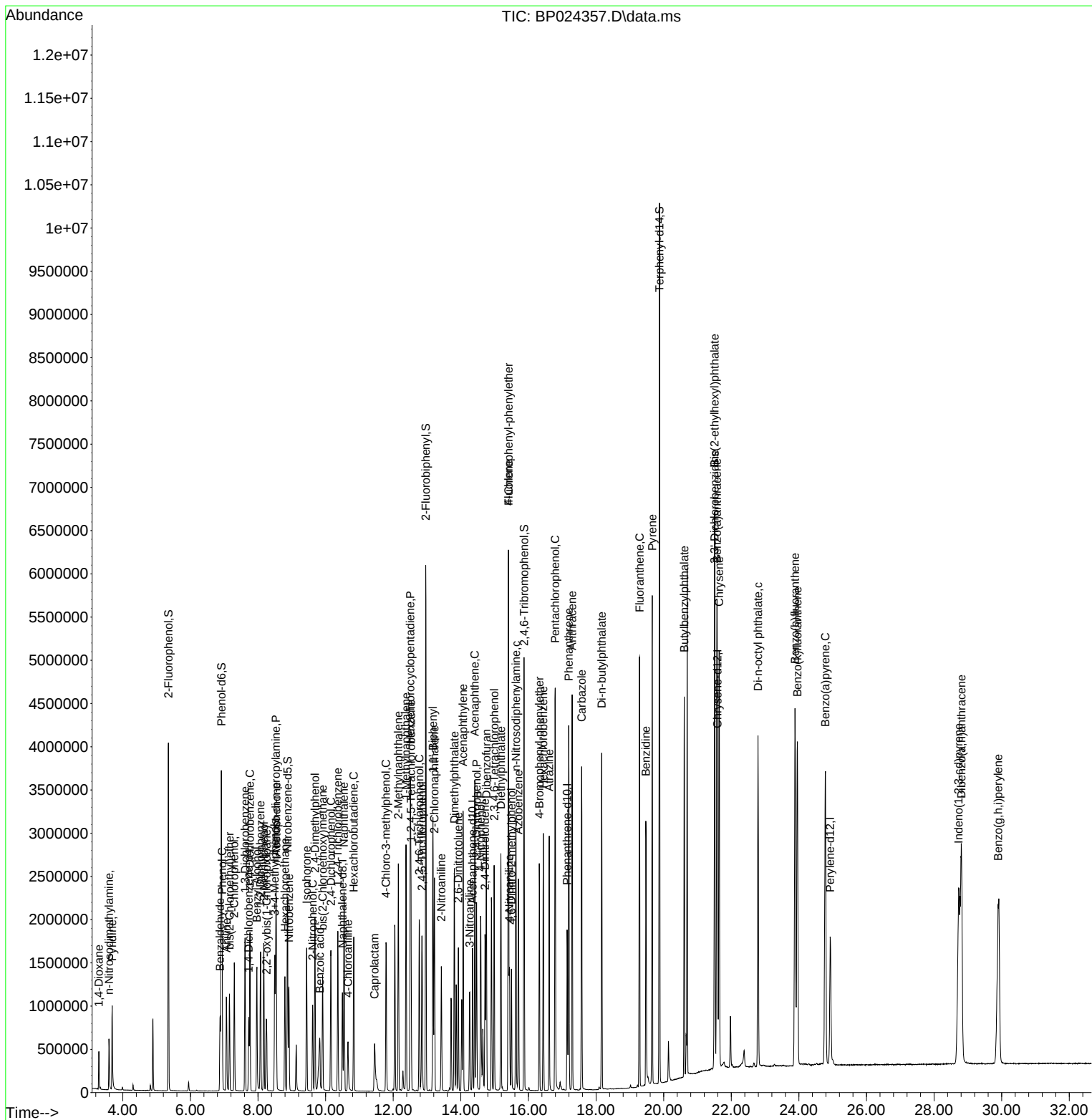
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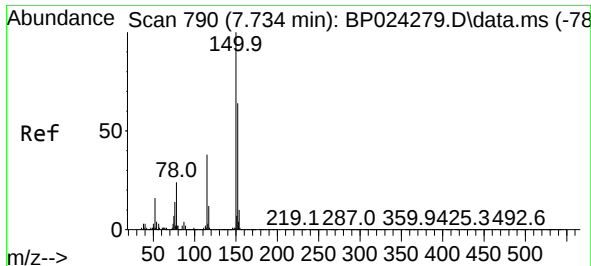
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	517588	45.617	ng	99
46) 1,1'-Biphenyl	13.175	154	1718948	41.729	ng	100
47) 2-Chloronaphthalene	13.222	162	1302466	42.306	ng	99
48) 2-Nitroaniline	13.422	65	400544	46.382	ng	94
49) Acenaphthylene	14.069	152	2199525	45.378	ng	100
50) Dimethylphthalate	13.810	163	1688617	41.435	ng	100
51) 2,6-Dinitrotoluene	13.928	165	374646	43.292	ng	96
52) Acenaphthene	14.416	154	1266805	41.224	ng	99
53) 3-Nitroaniline	14.263	138	333617	36.680	ng	99
54) 2,4-Dinitrophenol	14.469	184	491703	96.458	ng	97
55) Dibenzofuran	14.757	168	1990686	39.632	ng	99
56) 4-Nitrophenol	14.587	139	740012	94.205	ng	96
57) 2,4-Dinitrotoluene	14.716	165	553280	46.868	ng	98
58) Fluorene	15.410	166	1611091	41.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	458131	43.778	ng	99
60) Diethylphthalate	15.187	149	1721780	40.997	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	782055	41.417	ng	99
62) 4-Nitroaniline	15.439	138	439337	45.629	ng	93
63) Azobenzene	15.704	77	1561362	40.449	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	310742	44.701	ng	99
66) n-Nitrosodiphenylamine	15.634	169	1449281	44.037	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	508880	42.199	ng	98
68) Hexachlorobenzene	16.439	284	633412	44.203	ng	97
69) Atrazine	16.616	200	515399	61.488	ng	99
70) Pentachlorophenol	16.792	266	892910	89.320	ng	99
71) Phenanthrene	17.192	178	2574674	42.803	ng	100
72) Anthracene	17.292	178	2640119	45.540	ng	100
73) Carbazole	17.575	167	2518500	44.461	ng	99
74) Di-n-butylphthalate	18.169	149	3027233	42.896	ng	100
75) Fluoranthene	19.286	202	3044955	42.563	ng	98
77) Benzidine	19.475	184	1820516	118.112	ng	99
78) Pyrene	19.663	202	3142906	40.671	ng	99
80) Butylbenzylphthalate	20.610	149	1460498	44.125	ng	98
81) Benzo(a)anthracene	21.574	228	3332993	44.099	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	900002	33.927	ng	100
83) Chrysene	21.645	228	3107786	42.920	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	2147922	44.267	ng	99
85) Di-n-octyl phthalate	22.792	149	3654520	46.328	ng	100
87) Indeno(1,2,3-cd)pyrene	28.727	276	4528077	45.170	ng	98
88) Benzo(b)fluoranthene	23.886	252	3685382	42.580	ng	99
89) Benzo(k)fluoranthene	23.957	252	3589841	42.939	ng	98
90) Benzo(a)pyrene	24.786	252	3511766	47.037	ng	99
91) Dibenzo(a,h)anthracene	28.803	278	3700201	44.470	ng	99
92) Benzo(g,h,i)perylene	29.892	276	2073275	24.480	ng	97

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

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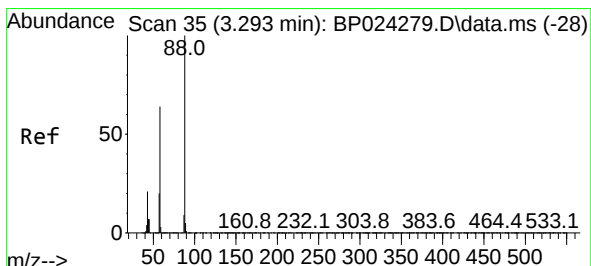
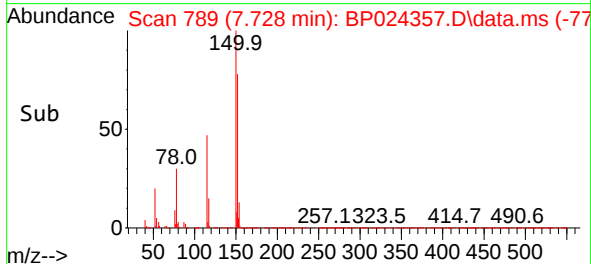
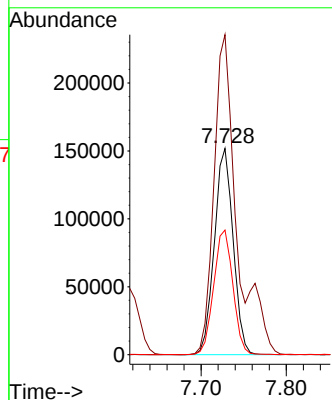
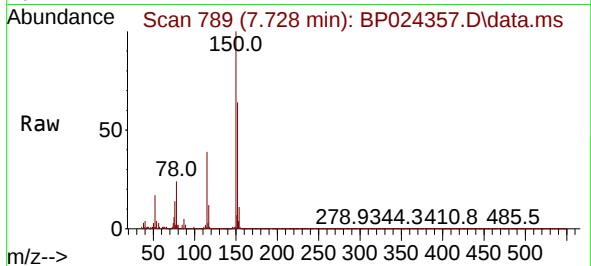




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BP024357.D
 Acq: 21 Apr 2025 11:29

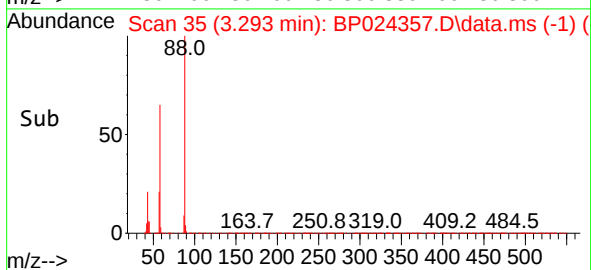
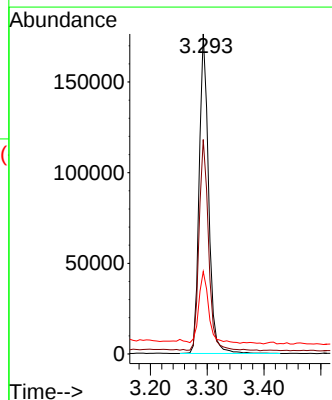
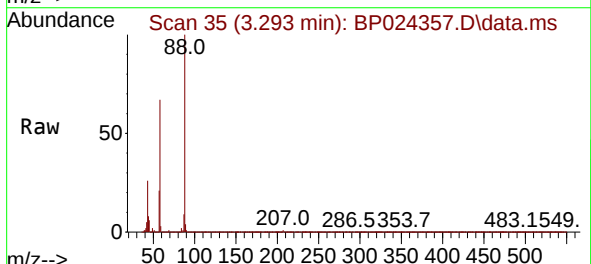
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Tgt Ion:152 Resp: 232733
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.9 187.3
 115 60.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 34.384 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.006 min
 Lab File: BP024357.D
 Acq: 21 Apr 2025 11:29

Tgt Ion: 88 Resp: 204713
 Ion Ratio Lower Upper
 88 100
 58 67.0 51.4 77.2
 43 23.2 17.1 25.7

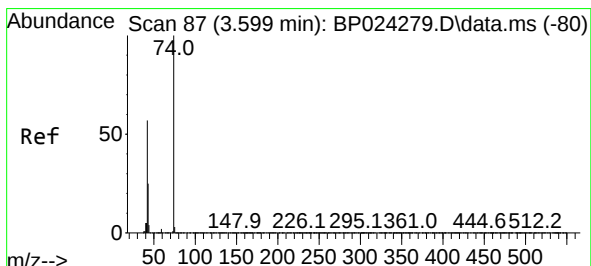
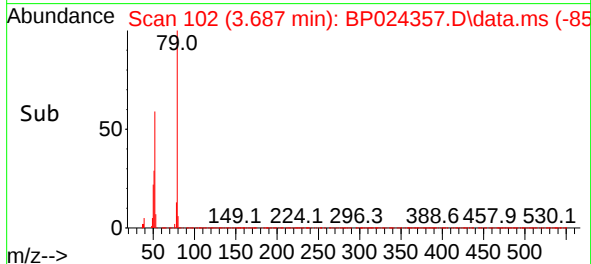
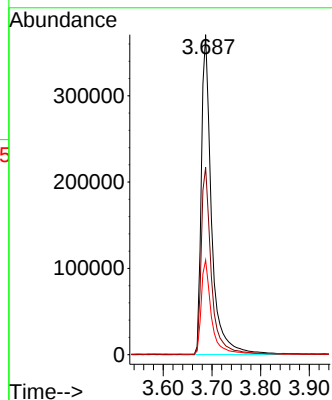
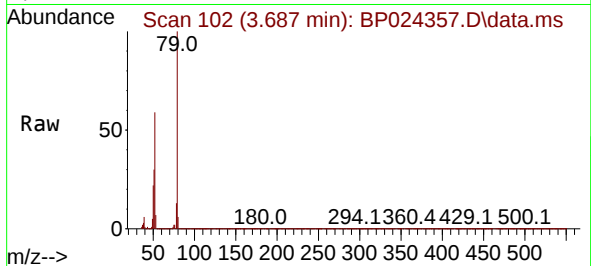




#3
Pyridine
Concen: 34.685 ng
RT: 3.687 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

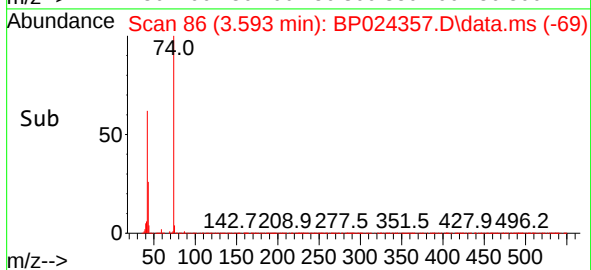
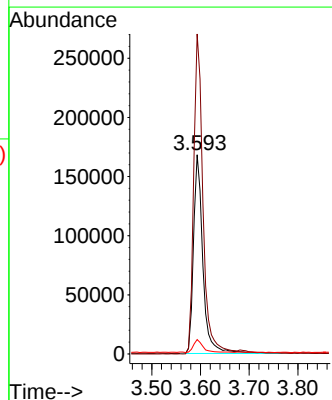
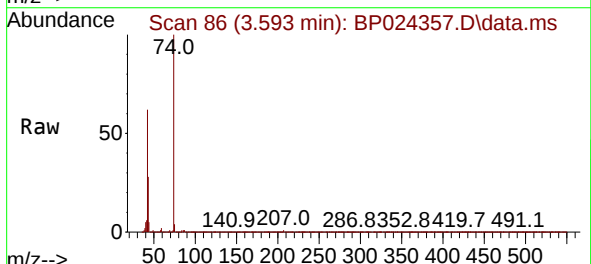
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BNA_P
ClientSampleId :
PB167655BS

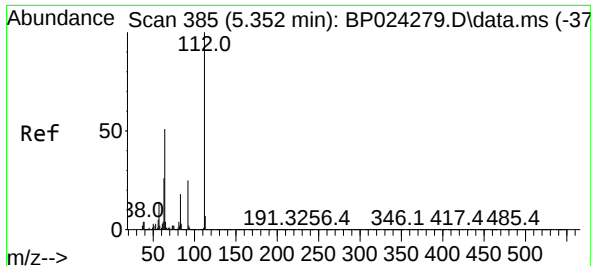
Tgt Ion: 79 Resp: 545280
Ion Ratio Lower Upper
79 100
52 58.6 45.4 68.2
51 29.5 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 43.183 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 42 Resp: 225308
Ion Ratio Lower Upper
42 100
74 160.6 139.5 209.3
44 7.3 5.8 8.8

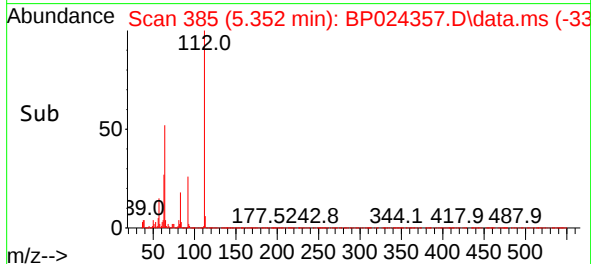
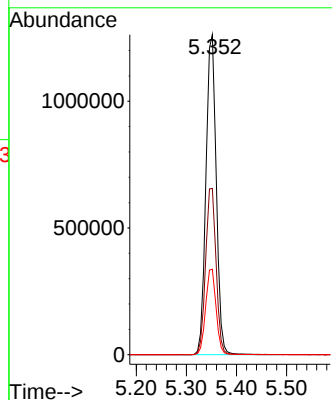
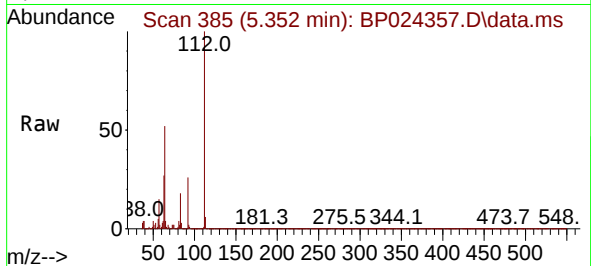




#5
2-Fluorophenol
Concen: 128.629 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

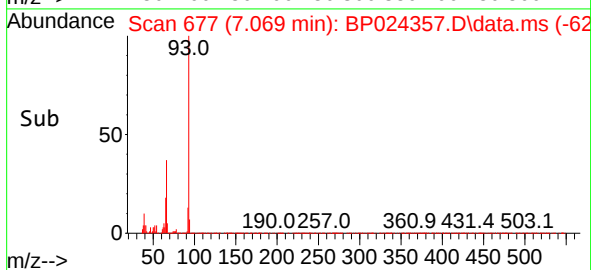
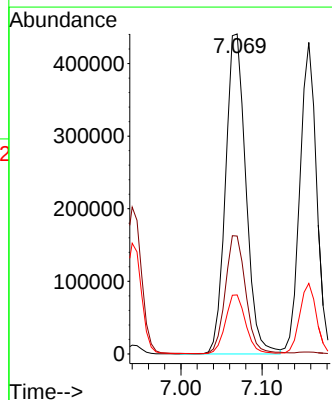
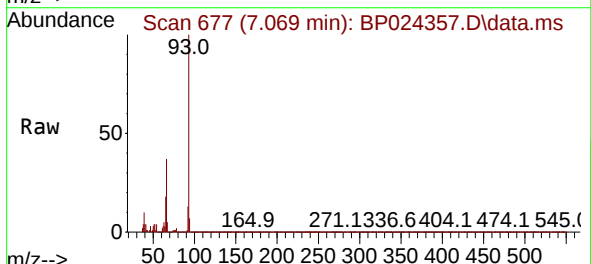
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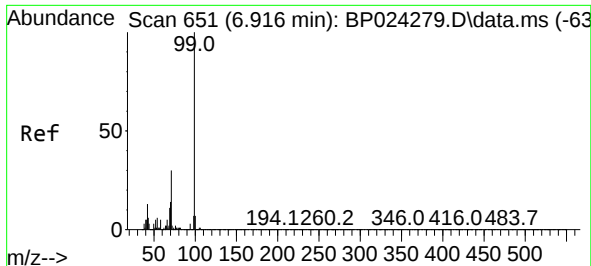
Tgt Ion:112 Resp: 1810522
Ion Ratio Lower Upper
112 100
64 51.9 41.1 61.7
63 26.7 20.6 30.8



#6
Aniline
Concen: 44.608 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 93 Resp: 768262
Ion Ratio Lower Upper
93 100
66 36.8 29.1 43.7
65 18.5 14.7 22.1

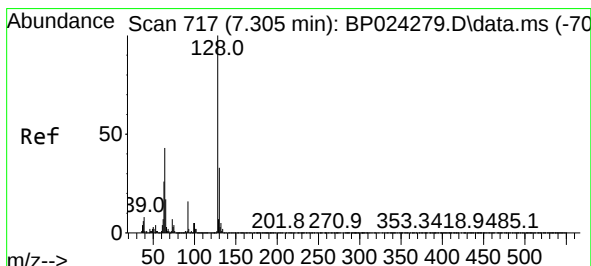
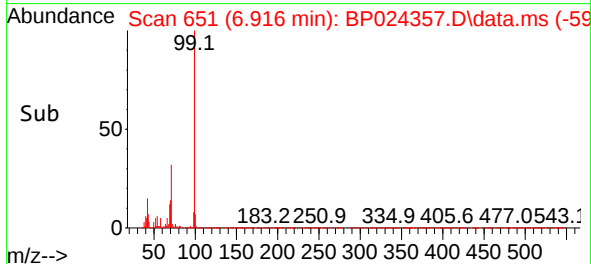
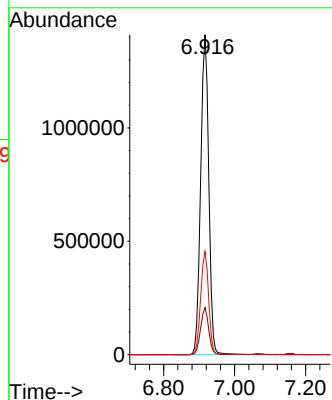
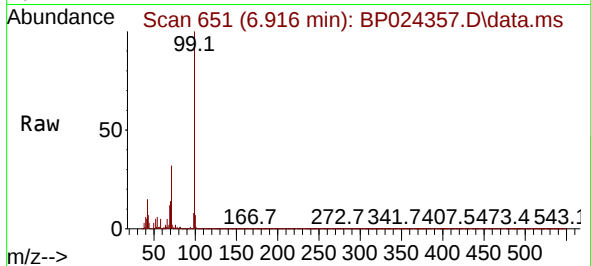




#7
Phenol-d6
Concen: 116.727 ng
RT: 6.916 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

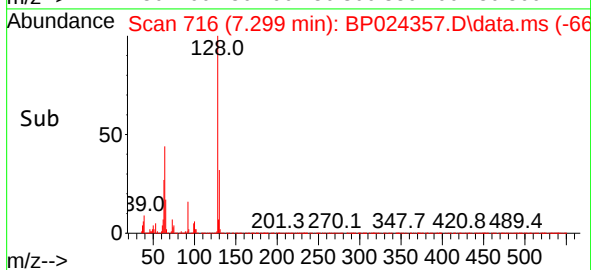
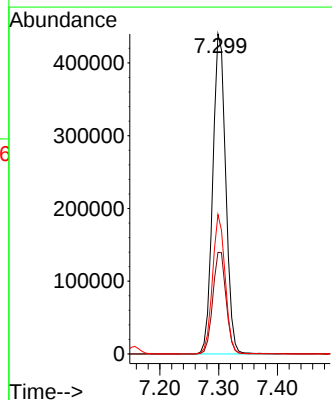
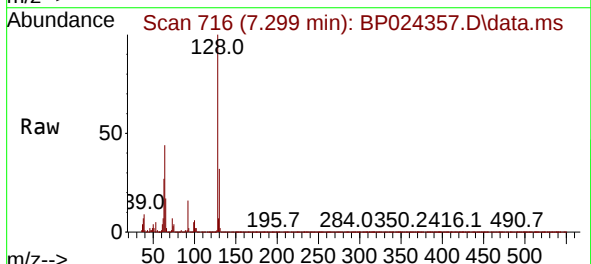
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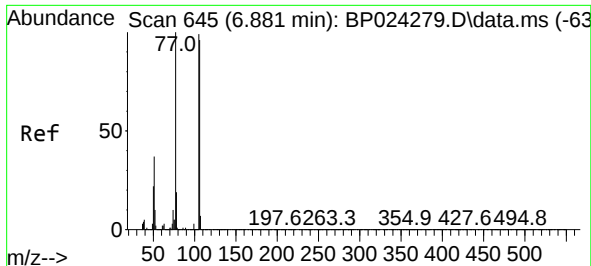
Tgt Ion: 99 Resp: 2249715
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.2 23.7 35.5



#8
2-Chlorophenol
Concen: 42.908 ng
RT: 7.299 min Scan# 716
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 128 Resp: 674315
Ion Ratio Lower Upper
128 100
130 31.8 12.9 52.9
64 43.5 22.7 62.7

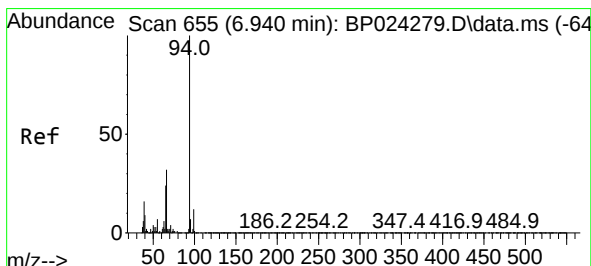
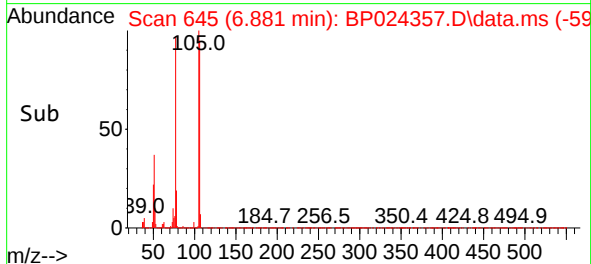
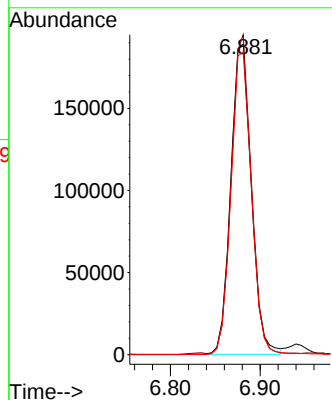
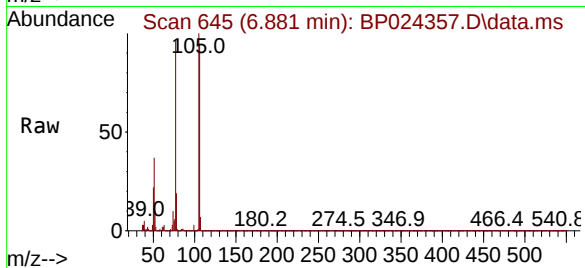




#9
Benzaldehyde
Concen: 31.657 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

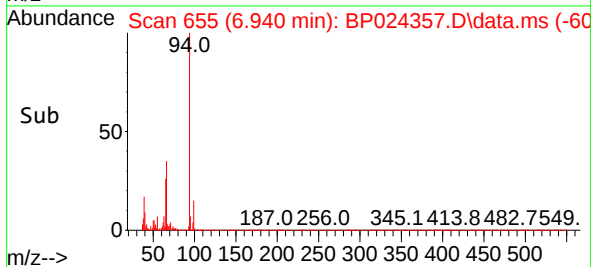
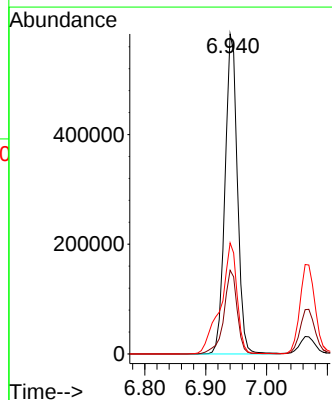
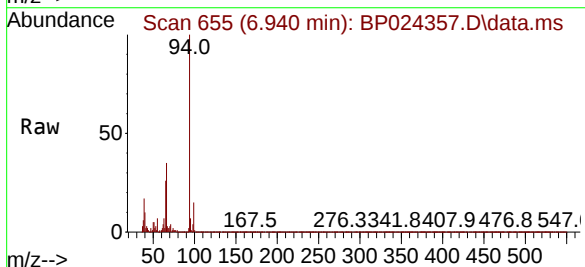
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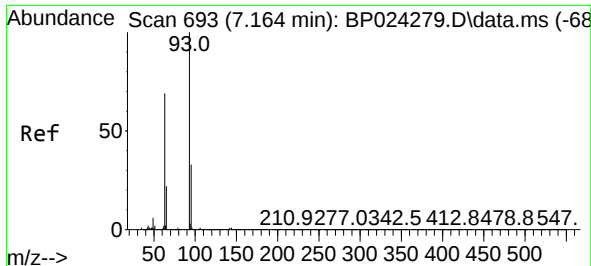
Tgt Ion: 77 Resp: 301808
Ion Ratio Lower Upper
77 100
105 103.0 79.2 119.2
106 97.4 76.2 116.2



#10
Phenol
Concen: 42.552 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP024357.D
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Tgt Ion: 94 Resp: 822696
Ion Ratio Lower Upper
94 100
65 26.2 4.5 44.5
66 34.7 12.4 52.4

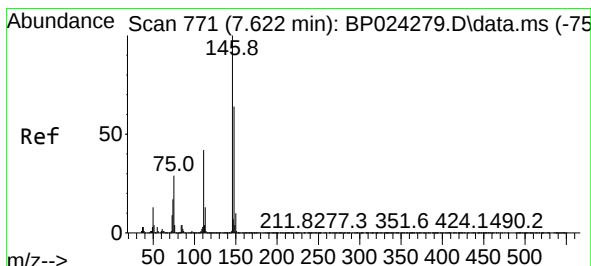
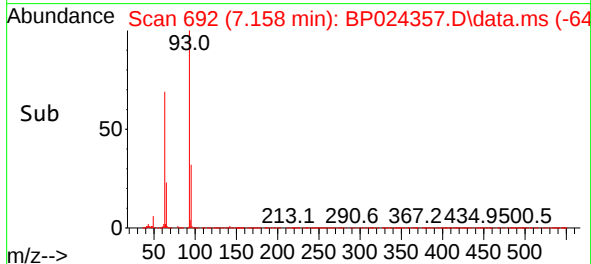
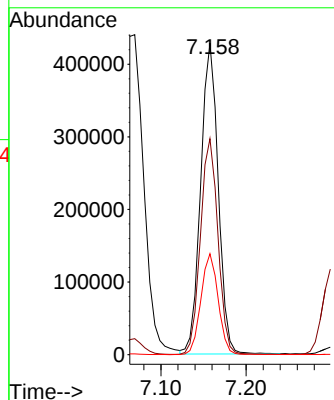
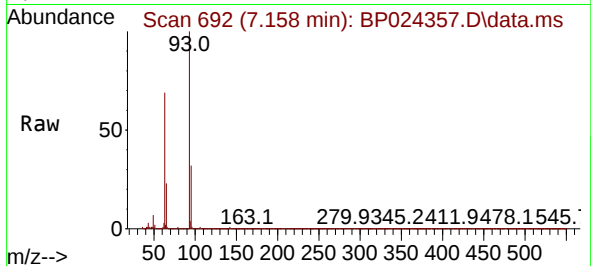




#11
bis(2-Chloroethyl)ether
Concen: 39.217 ng
RT: 7.158 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

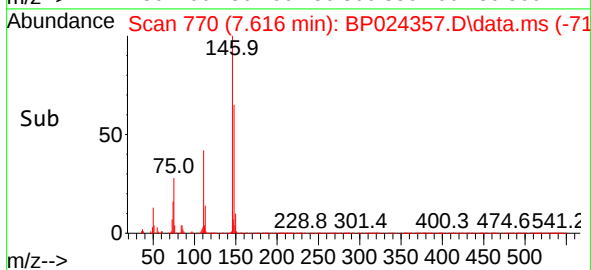
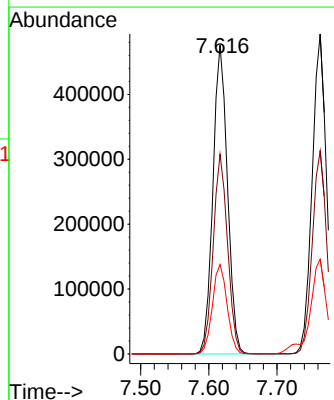
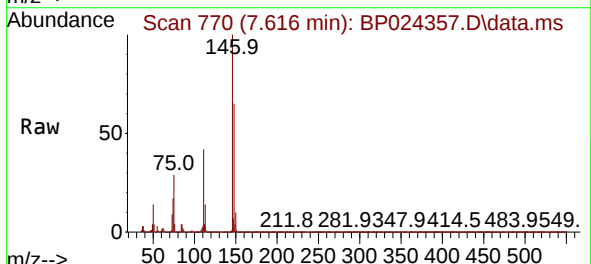
Instrument :
BNA_P
ClientSampleId :
PB167655BS

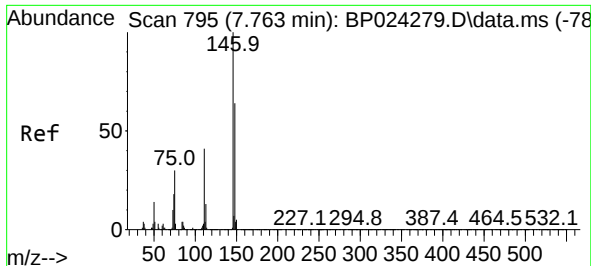
Tgt Ion: 93 Resp: 610900
Ion Ratio Lower Upper
93 100
63 69.3 48.6 88.6
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.768 ng
RT: 7.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:146 Resp: 706650
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 29.0 22.9 34.3

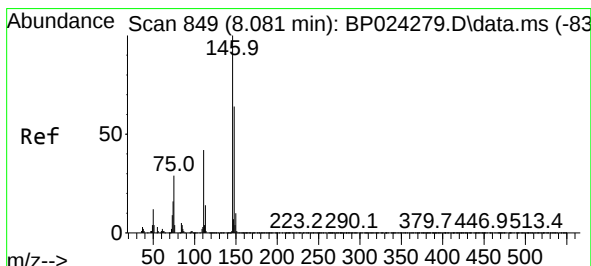
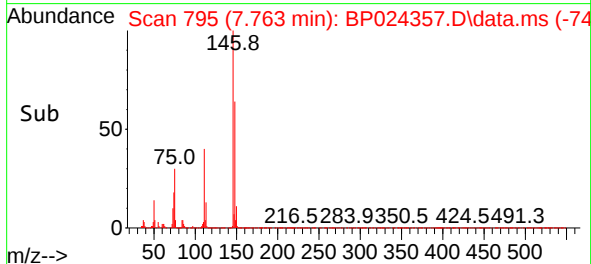
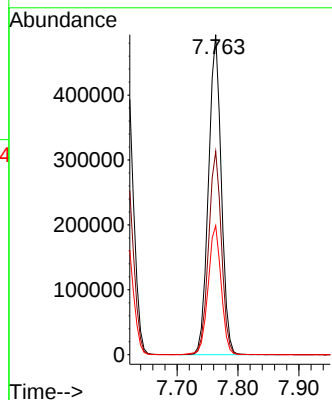
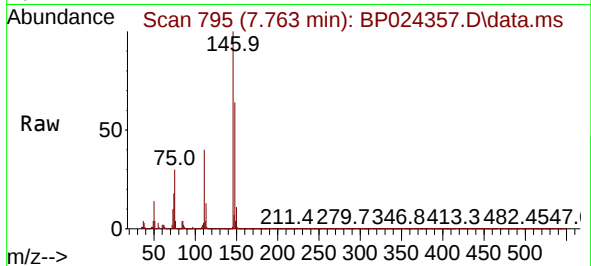




#13
1,4-Dichlorobenzene
Concen: 41.866 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

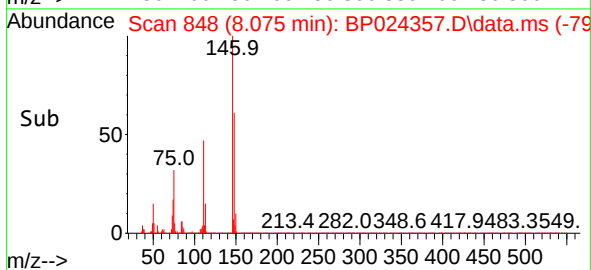
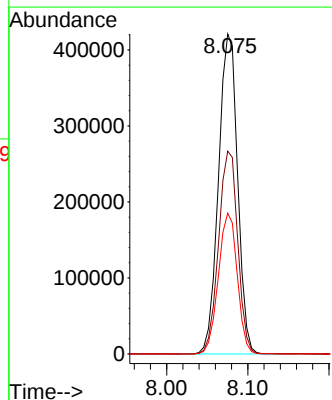
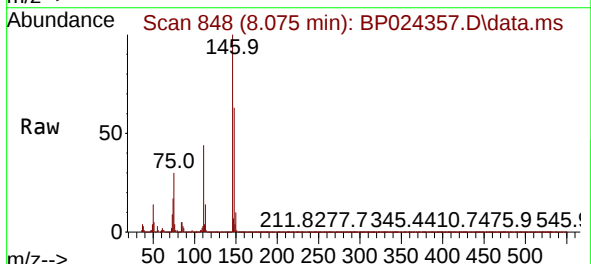
Instrument :
BNA_P
ClientSampleId :
PB167655BS

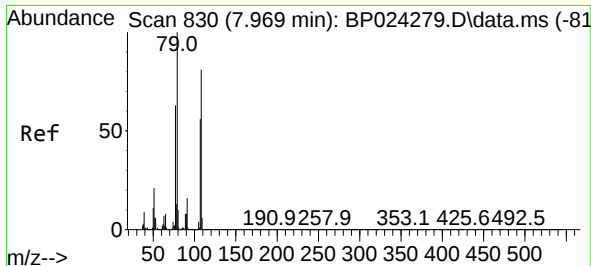
Tgt Ion:146 Resp: 718673
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 40.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.557 ng
RT: 8.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:146 Resp: 688830
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
111 44.0 33.8 50.8

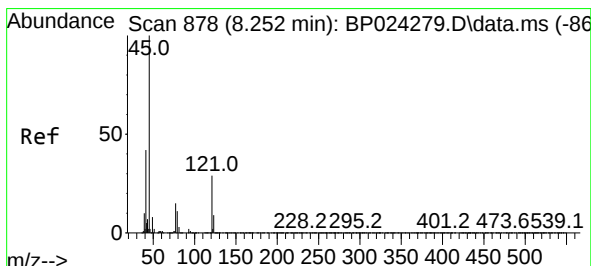
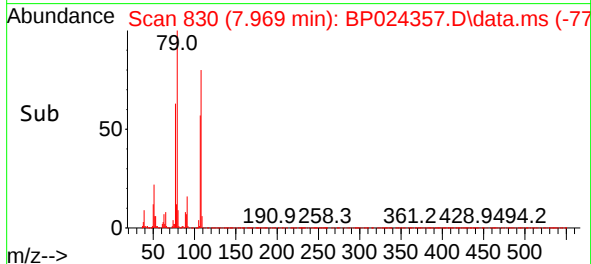
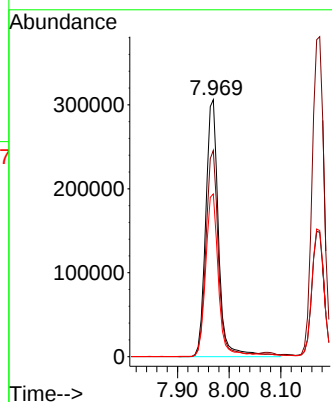
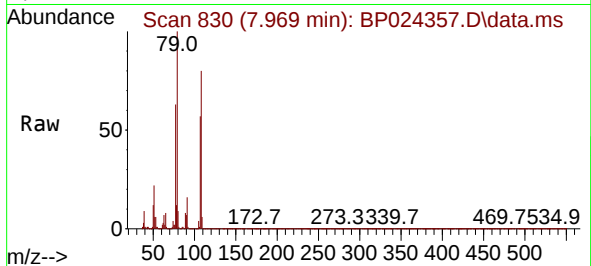




#15
Benzyl Alcohol
Concen: 42.233 ng
RT: 7.969 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

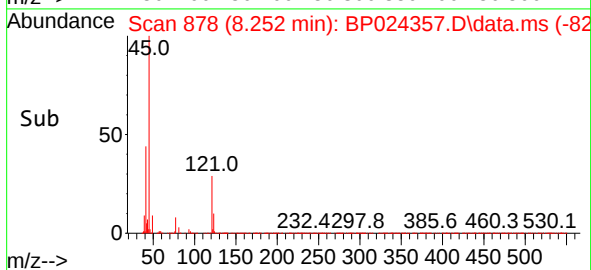
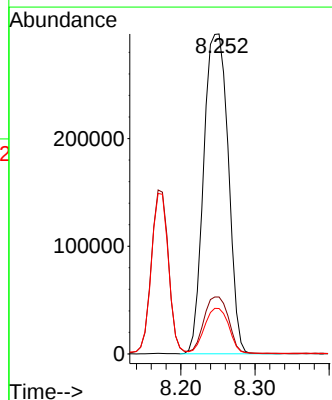
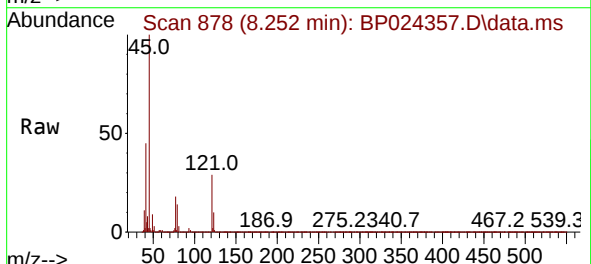
Instrument :
BNA_P
ClientSampleId :
PB167655BS

Tgt Ion: 79 Resp: 526401
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 63.3 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.531 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 45 Resp: 682455
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 14.2 0.0 33.5





#17

2-Methylphenol

Concen: 43.810 ng

RT: 8.175 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

Tgt Ion:107 Resp: 547942

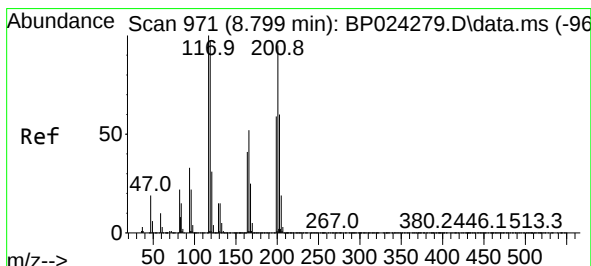
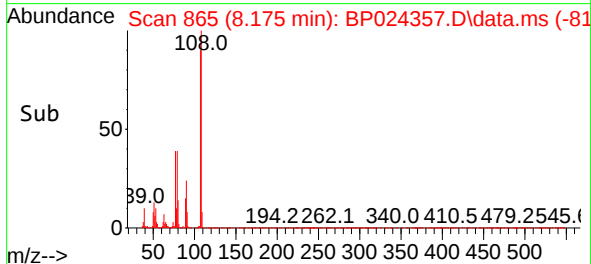
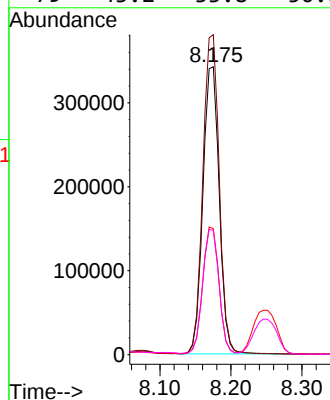
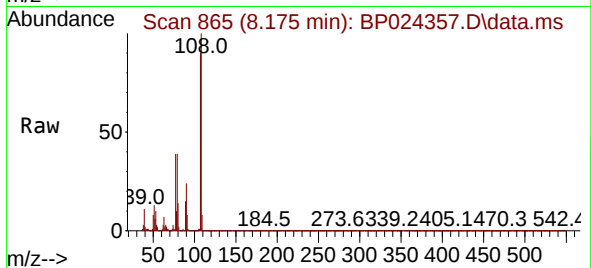
Ion Ratio Lower Upper

107 100

108 111.1 89.8 134.6

77 43.8 34.2 51.4

79 43.2 33.8 50.8



#18

Hexachloroethane

Concen: 42.947 ng

RT: 8.799 min Scan# 971

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

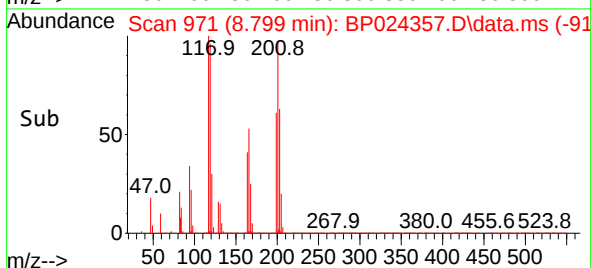
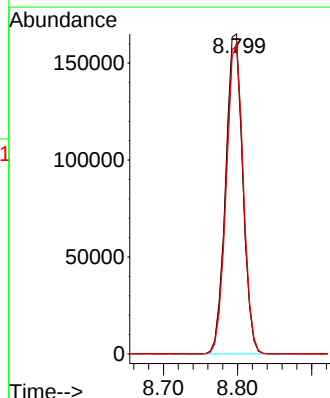
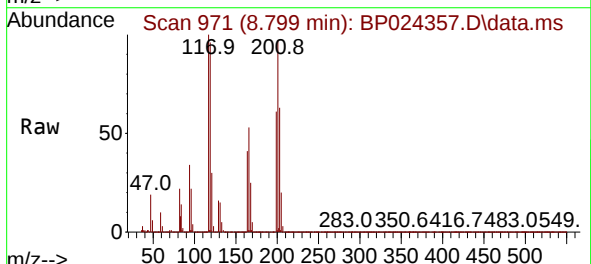
Tgt Ion:117 Resp: 266429

Ion Ratio Lower Upper

117 100

119 96.2 77.8 116.6

201 97.3 75.9 113.9

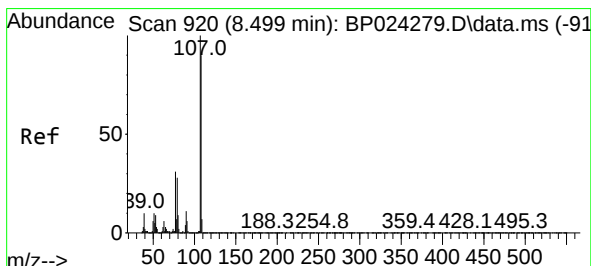
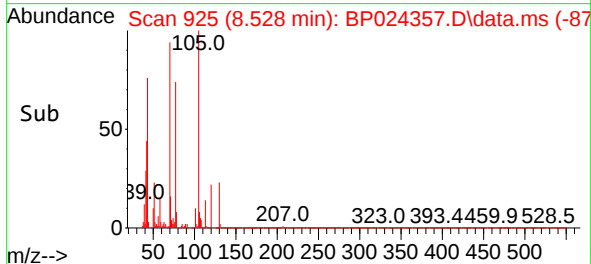
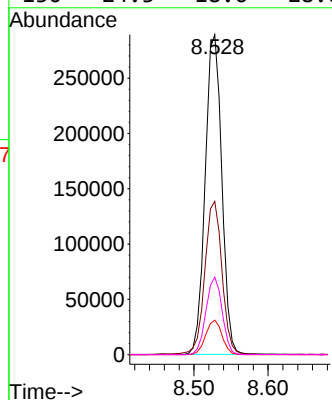
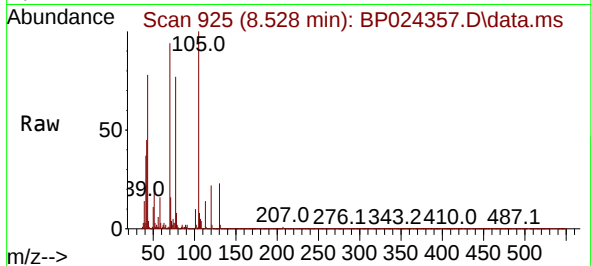




#19
n-Nitroso-di-n-propylamine
Concen: 37.712 ng
RT: 8.528 min Scan# 919
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

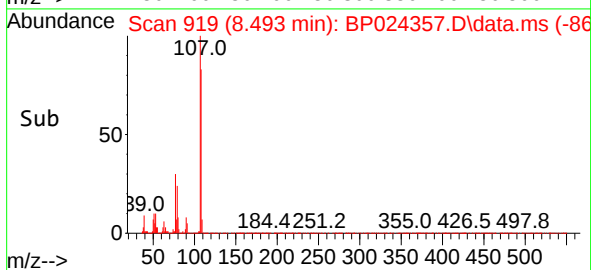
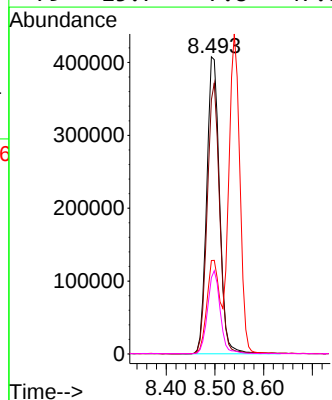
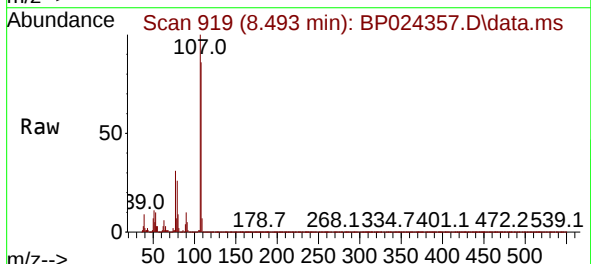
Instrument :
BNA_P
ClientSampleId :
PB167655BS

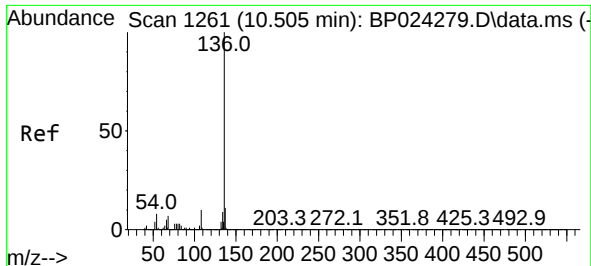
Tgt Ion: 70 Resp: 449667
Ion Ratio Lower Upper
70 100
42 47.9 37.3 55.9
101 10.8 8.2 12.4
130 24.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 42.801 ng
RT: 8.493 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 107 Resp: 742777
Ion Ratio Lower Upper
107 100
108 85.6 69.8 109.8
77 31.5 11.5 51.5
79 25.7 7.8 47.8

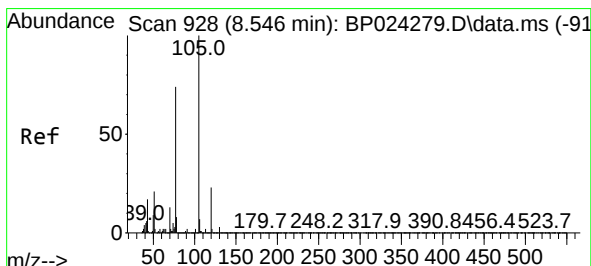
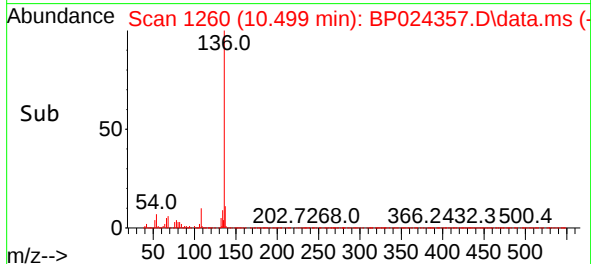
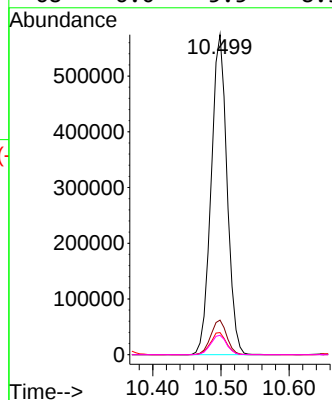
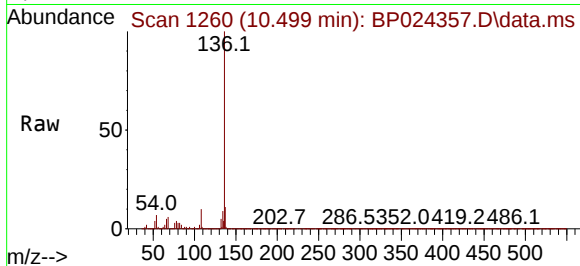




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

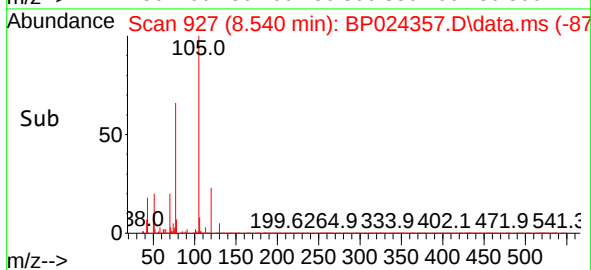
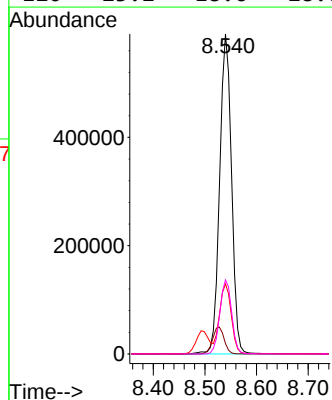
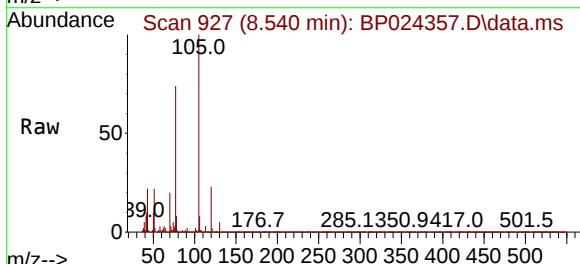
Instrument :
BNA_P
ClientSampleId :
PB167655BS

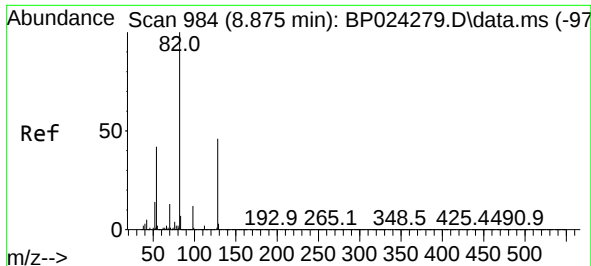
Tgt Ion:	136	Resp:	931122
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.9	6.0	9.0
68	6.0	5.5	8.3



#22
Acetophenone
Concen: 40.943 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:	105	Resp:	943577
Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.7	2.5
51	21.9	16.9	25.3
120	23.2	18.6	28.0

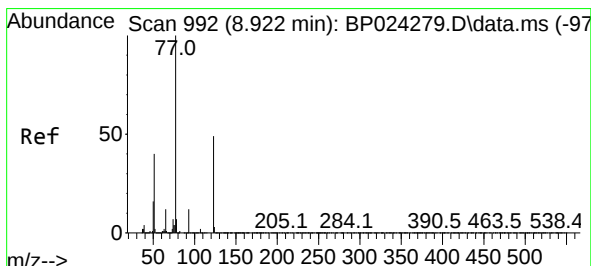
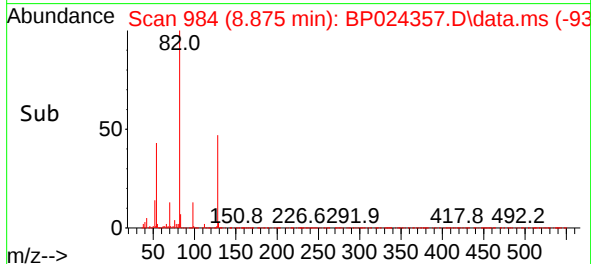
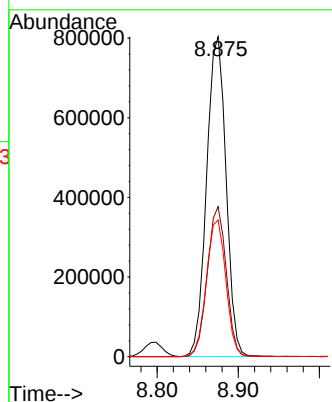
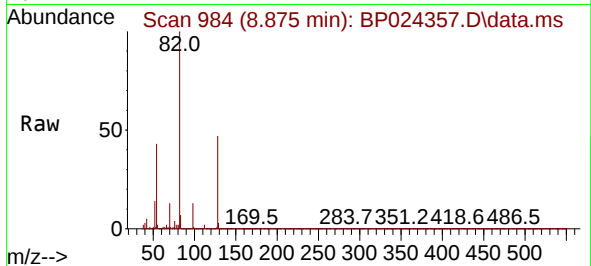




#23
Nitrobenzene-d5
Concen: 81.672 ng
RT: 8.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

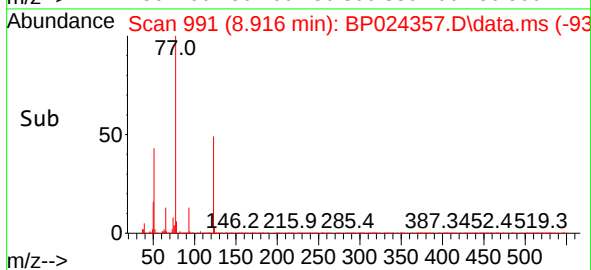
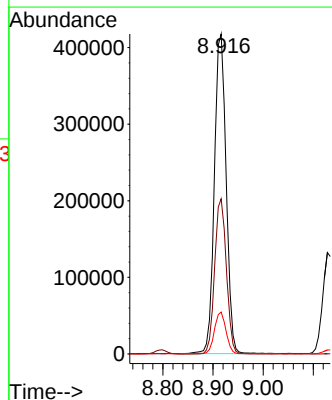
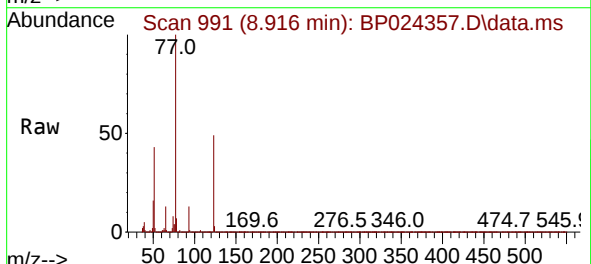
Instrument :
BNA_P
ClientSampleId :
PB167655BS

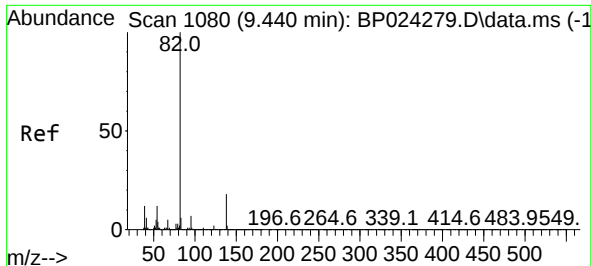
Tgt Ion: 82 Resp: 1333656
Ion Ratio Lower Upper
82 100
128 46.9 36.5 54.7
54 42.7 33.4 50.2



#24
Nitrobenzene
Concen: 42.026 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 77 Resp: 678884
Ion Ratio Lower Upper
77 100
123 48.5 39.2 58.8
65 13.1 9.8 14.6

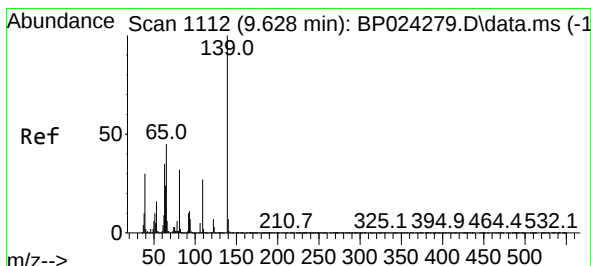
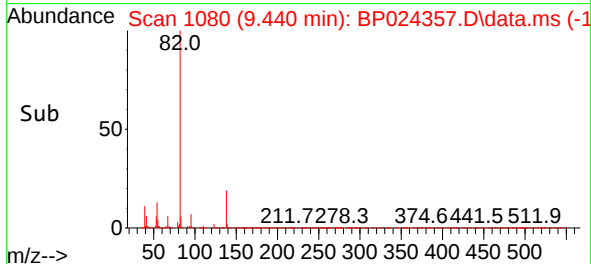
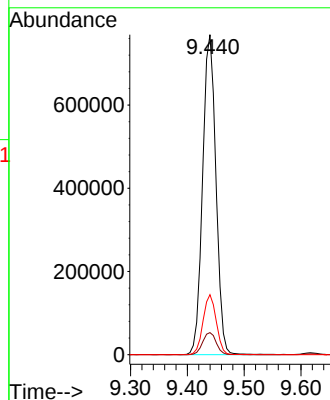
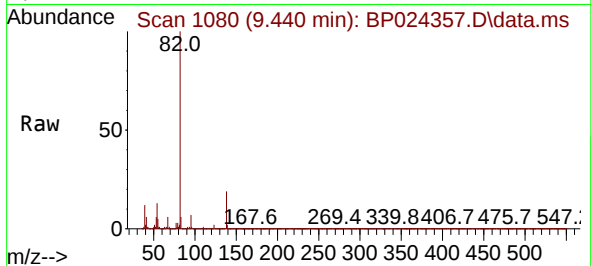




#25
Isophorone
Concen: 42.303 ng
RT: 9.440 min Scan# 1080
Delta R.T. 0.012 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

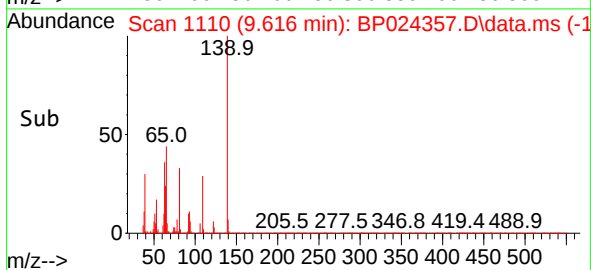
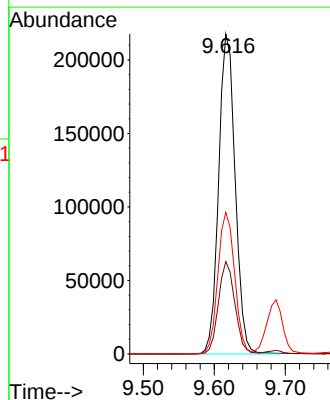
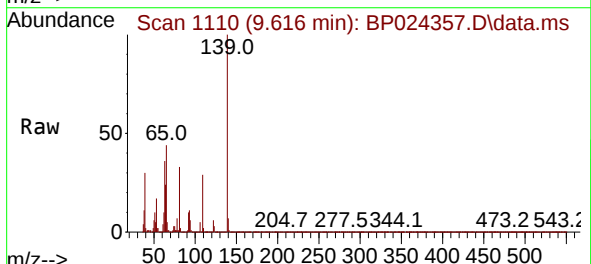
Instrument :
BNA_P
ClientSampleId :
PB167655BS

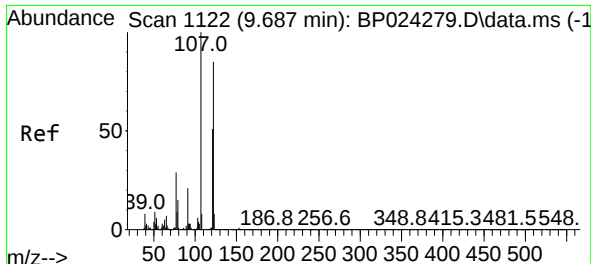
Tgt Ion: 82 Resp: 1250366
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.8 14.4 21.6



#26
2-Nitrophenol
Concen: 44.295 ng
RT: 9.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 139 Resp: 350169
Ion Ratio Lower Upper
139 100
109 28.8 21.8 32.6
65 44.3 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 61.197 ng

RT: 9.687 min Scan# 1122

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

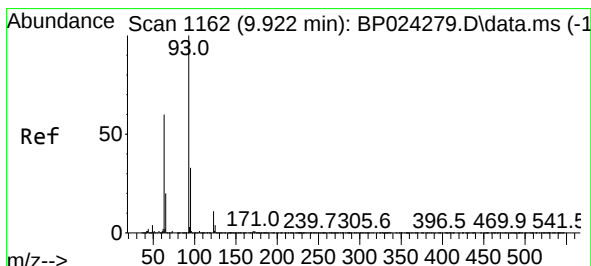
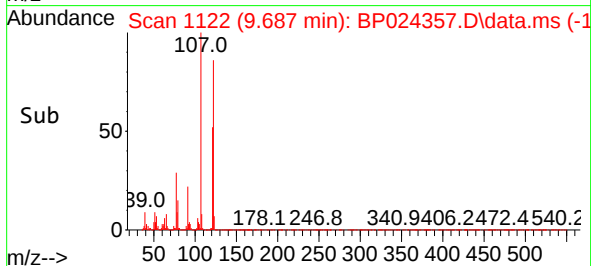
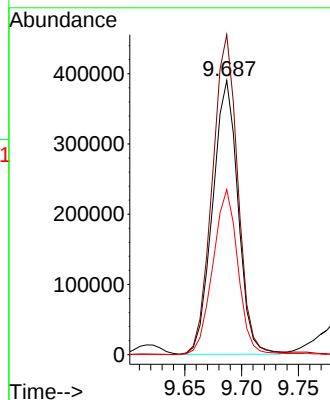
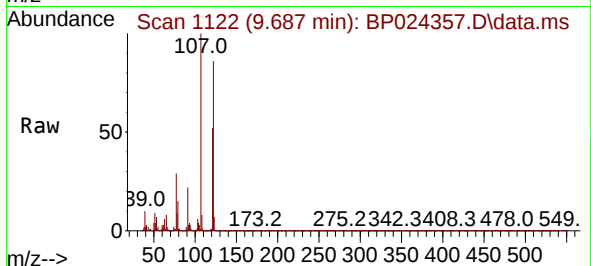
Tgt Ion:122 Resp: 607446

Ion Ratio Lower Upper

122 100

107 116.8 93.7 140.5

121 60.3 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.206 ng

RT: 9.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

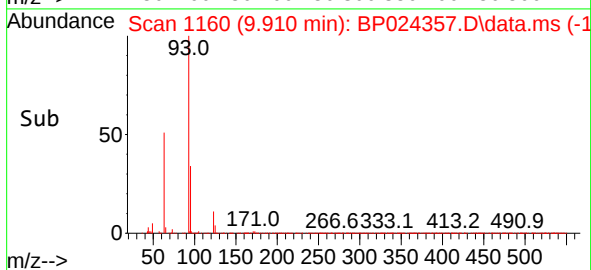
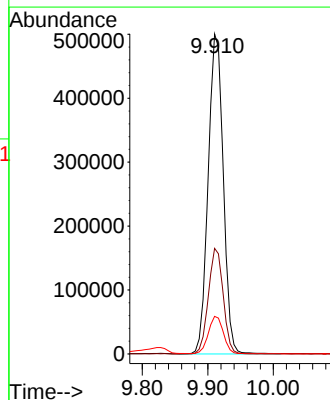
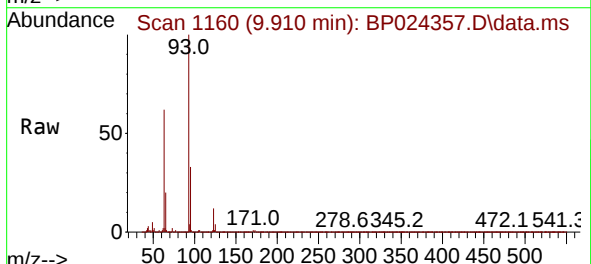
Tgt Ion: 93 Resp: 802800

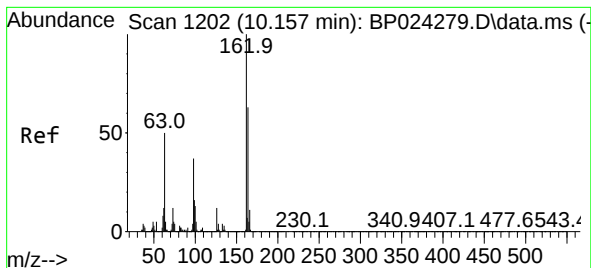
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.410 ng

RT: 10.157 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

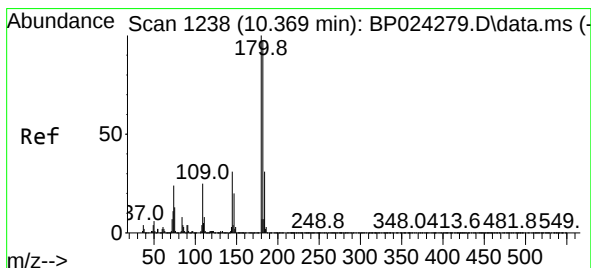
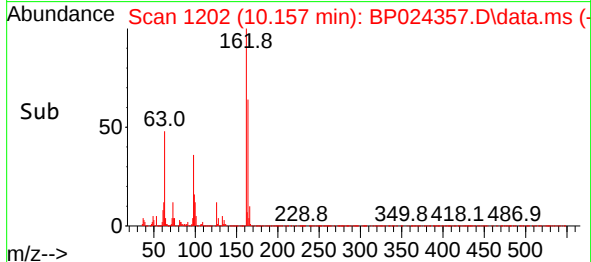
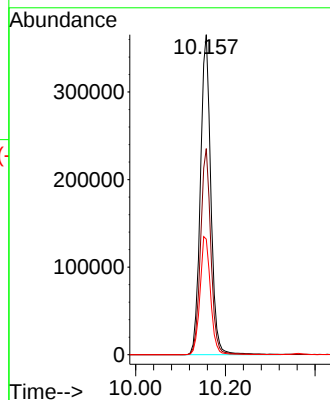
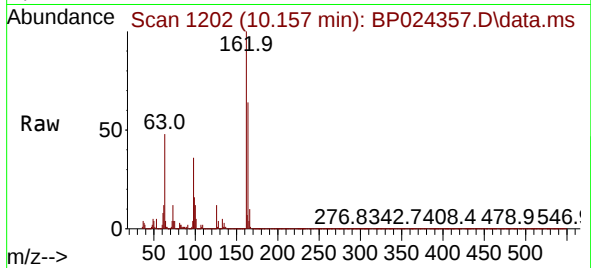
Tgt Ion:162 Resp: 587518

Ion Ratio Lower Upper

162 100

164 64.4 43.3 83.3

98 36.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 42.112 ng

RT: 10.363 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

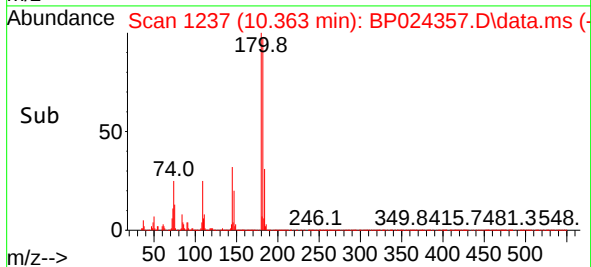
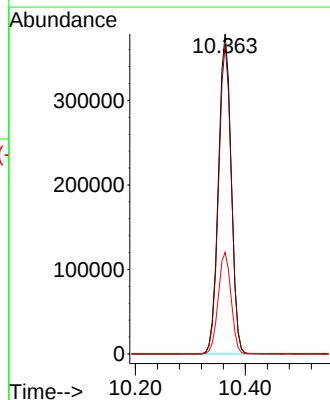
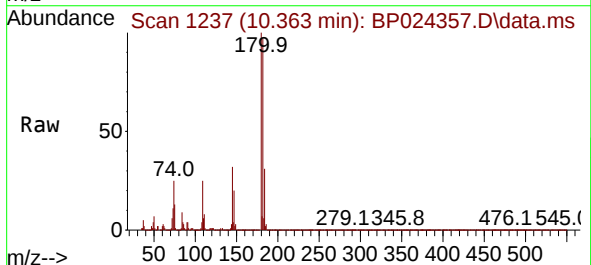
Tgt Ion:180 Resp: 610663

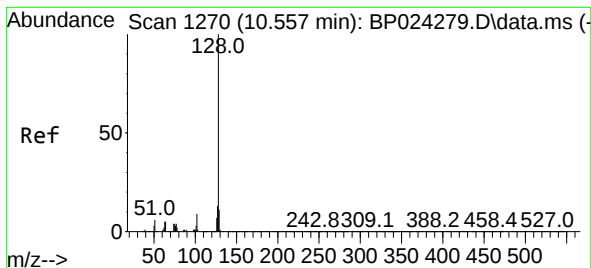
Ion Ratio Lower Upper

180 100

182 96.8 77.3 115.9

145 31.8 25.1 37.7





#31

Naphthalene

Concen: 39.966 ng

RT: 10.546 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

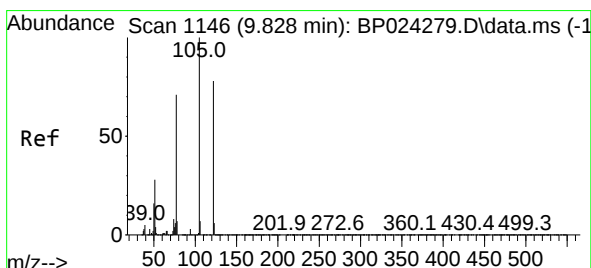
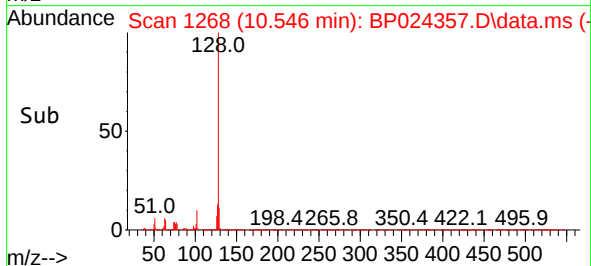
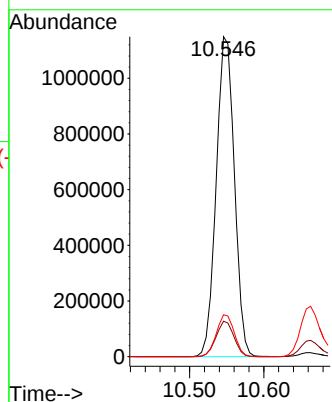
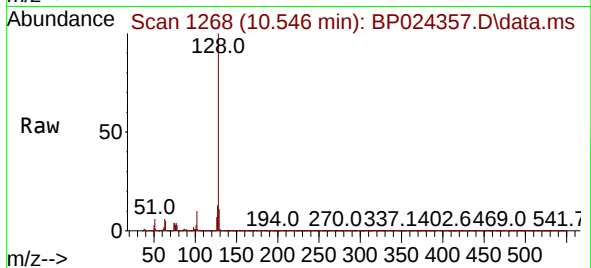
Tgt Ion:128 Resp: 1960238

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 34.916 ng

RT: 9.828 min Scan# 1146

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

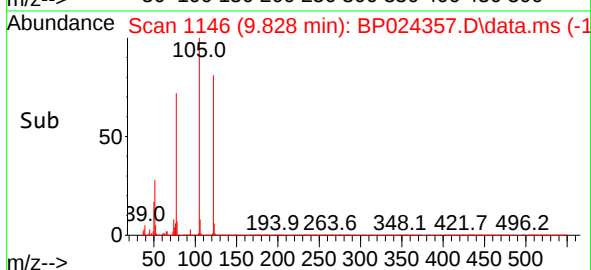
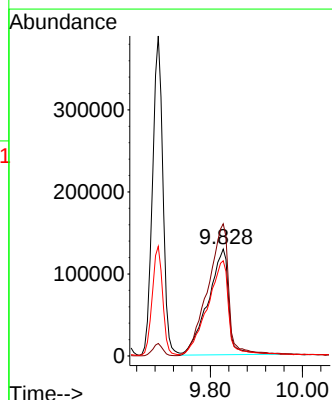
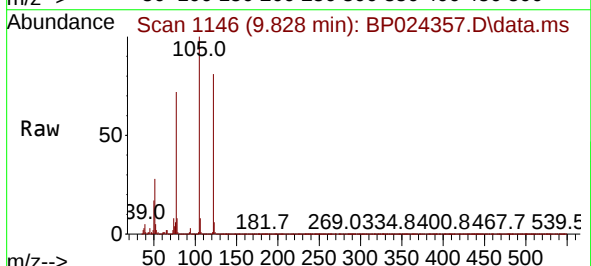
Tgt Ion:122 Resp: 403843

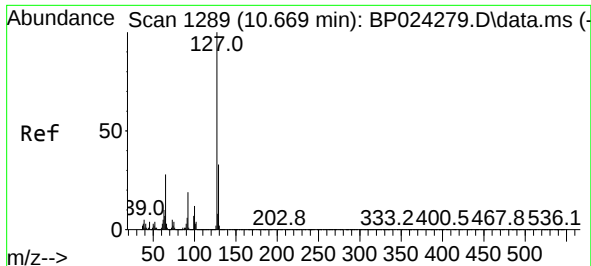
Ion Ratio Lower Upper

122 100

105 123.6 104.8 144.8

77 89.1 69.2 109.2

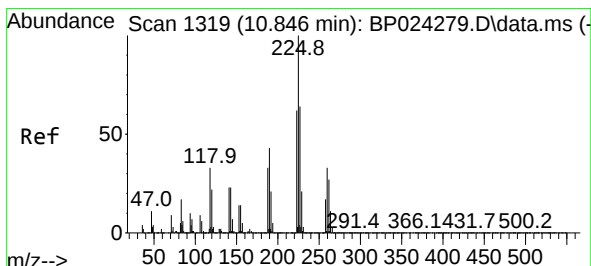
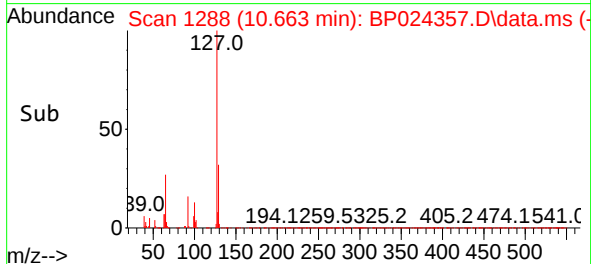
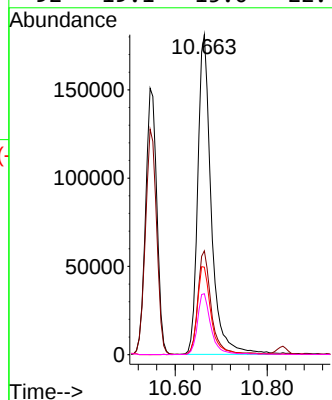
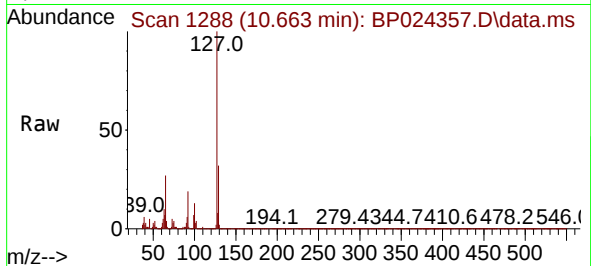




#33
4-Chloroaniline
Concen: 21.289 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

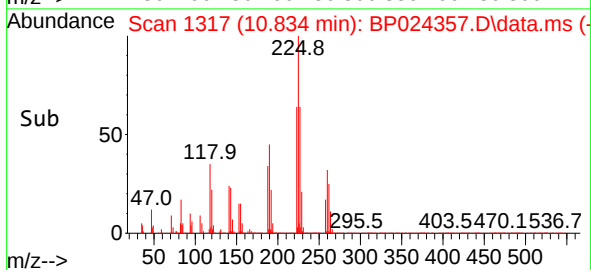
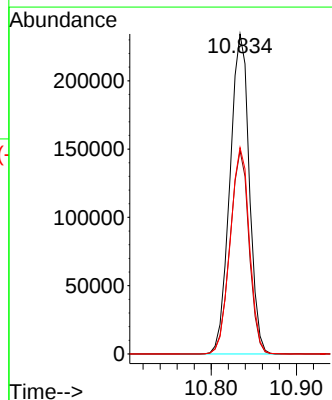
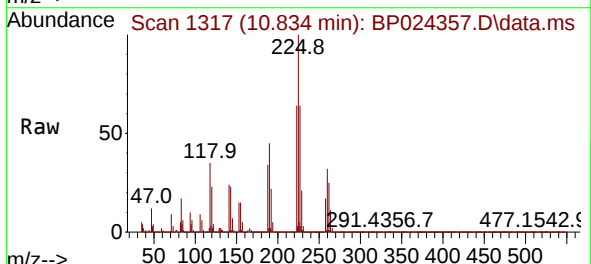
Instrument :
BNA_P
ClientSampleId :
PB167655BS

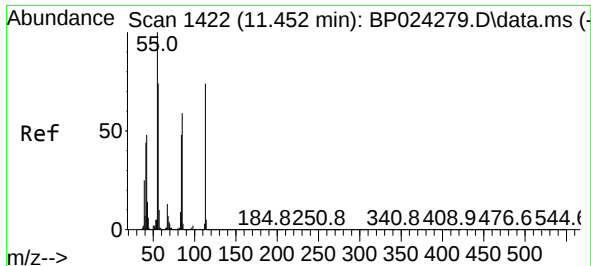
Tgt Ion:	127	Resp:	367711
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.4	22.1	33.1
92	19.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 43.358 ng
RT: 10.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:	225	Resp:	369458
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.5	74.3
227	64.5	50.9	76.3

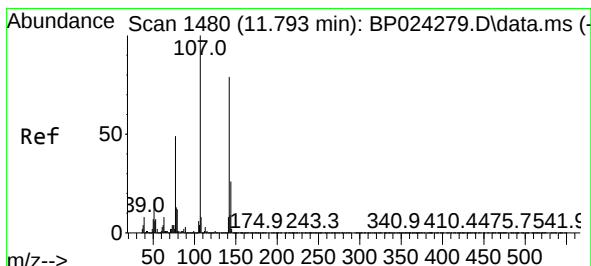
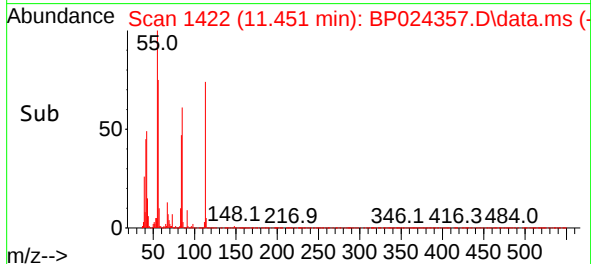
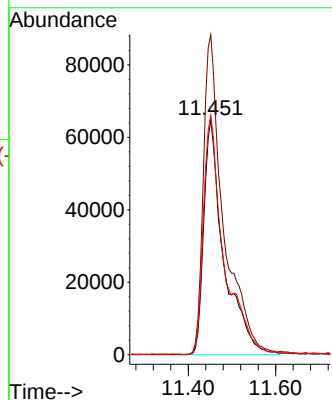
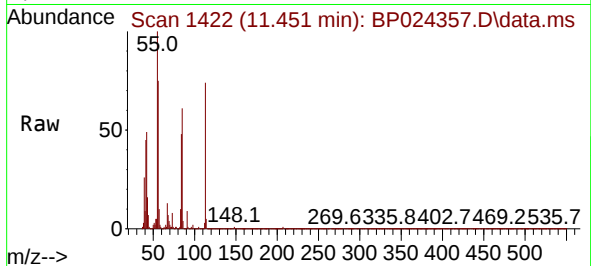




#35
Caprolactam
Concen: 41.344 ng
RT: 11.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

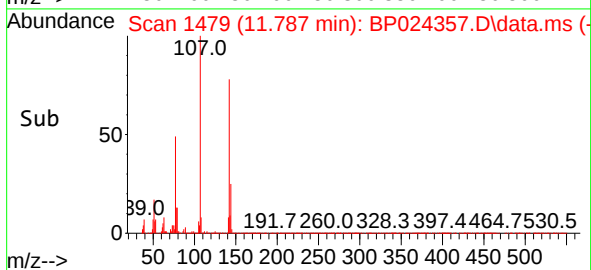
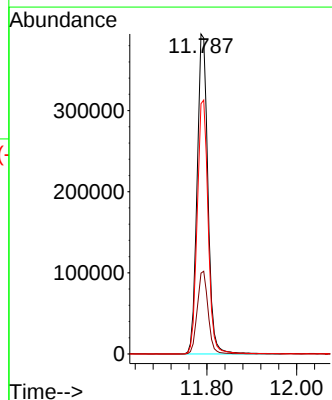
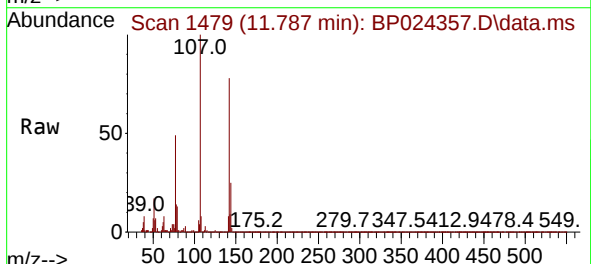
Instrument :
BNA_P
ClientSampleId :
PB167655BS

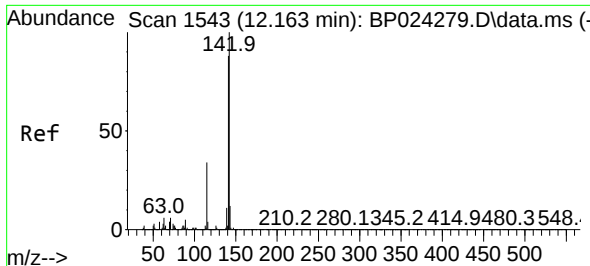
Tgt Ion:113 Resp: 206465
Ion Ratio Lower Upper
113 100
55 136.0 115.9 155.9
56 101.7 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 41.677 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:107 Resp: 657005
Ion Ratio Lower Upper
107 100
144 25.2 20.5 30.7
142 78.2 63.4 95.2

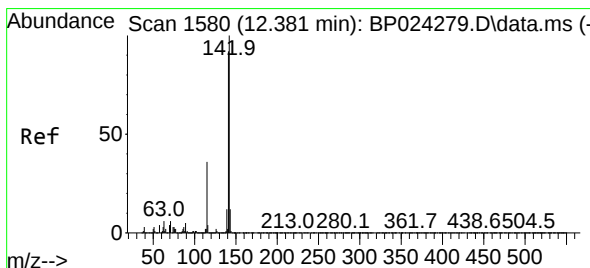
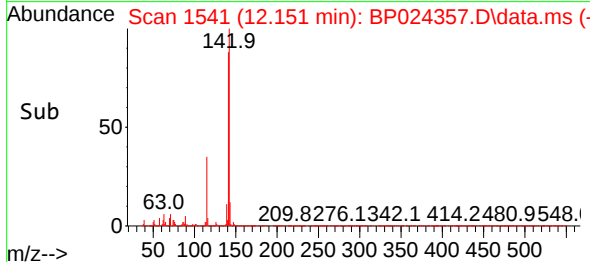
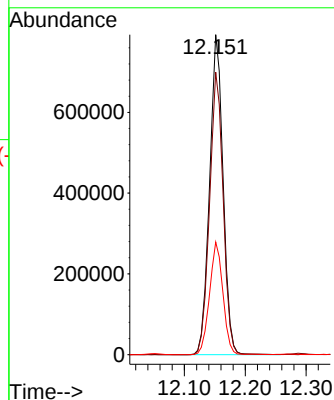
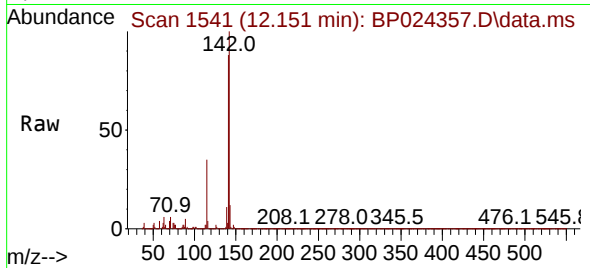




#37
2-Methylnaphthalene
Concen: 35.822 ng
RT: 12.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

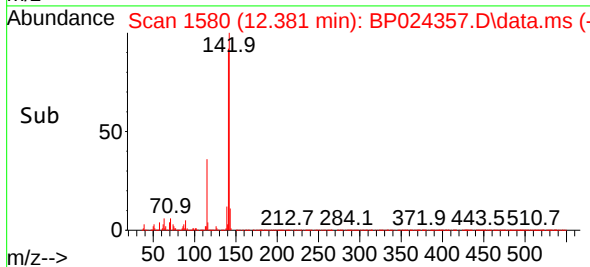
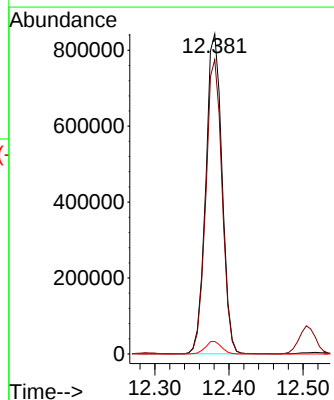
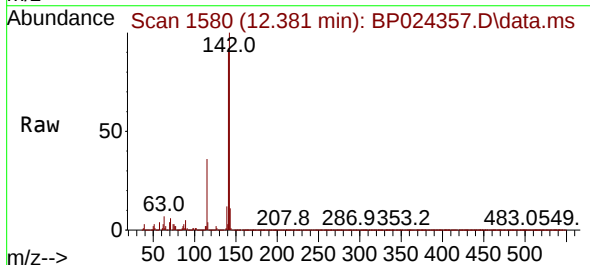
Instrument :
BNA_P
ClientSampleId :
PB167655BS

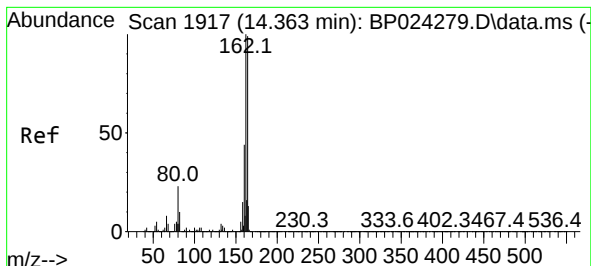
Tgt Ion:142 Resp: 1218507
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 35.2 26.9 40.3



#38
1-Methylnaphthalene
Concen: 38.515 ng
RT: 12.381 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:142 Resp: 1281659
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

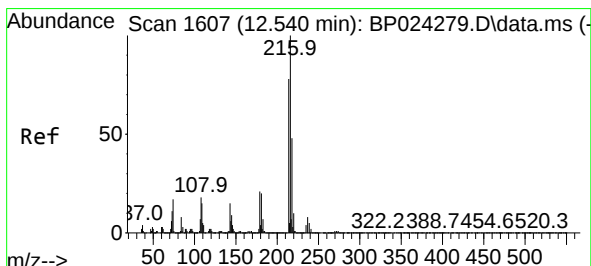
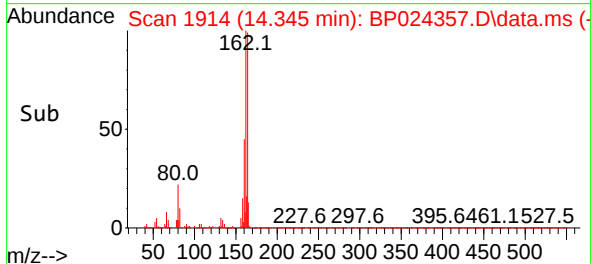
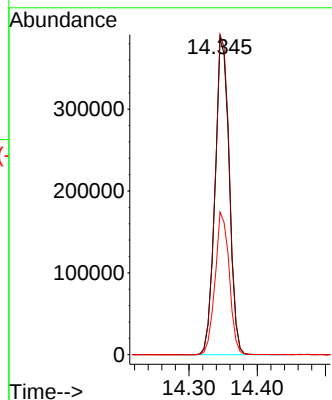
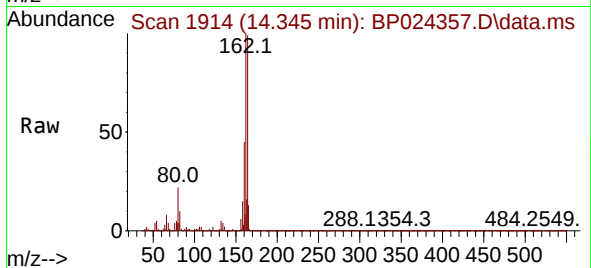
Tgt Ion:164 Resp: 560405

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 45.1 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.569 ng

RT: 12.528 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Tgt Ion:216 Resp: 656038

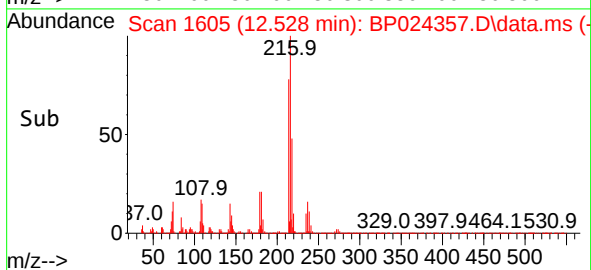
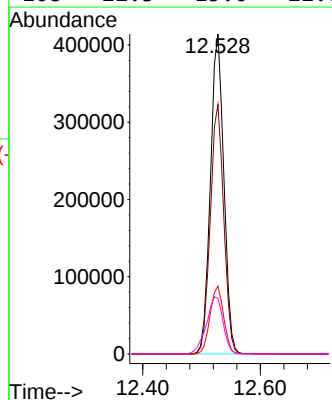
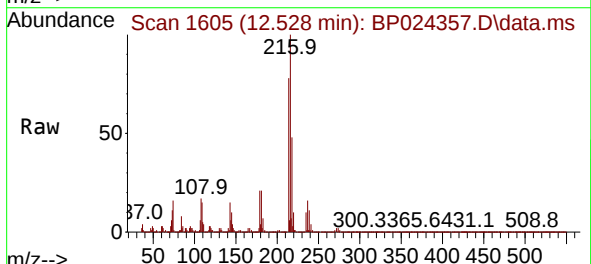
Ion Ratio Lower Upper

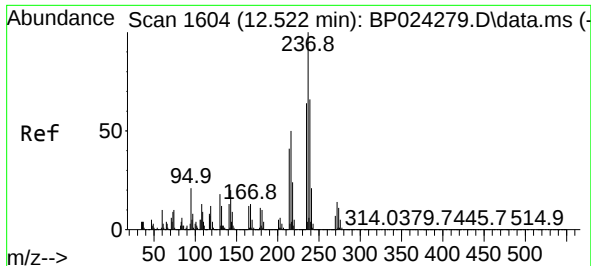
216 100

214 78.5 62.6 93.8

179 21.6 17.2 25.8

108 22.3 15.0 22.6

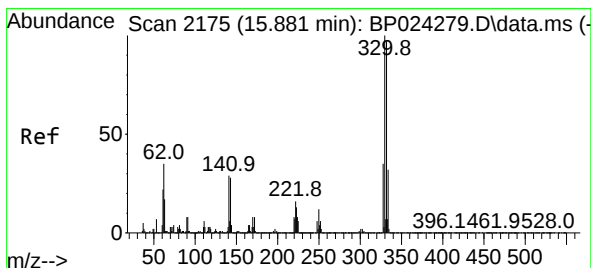
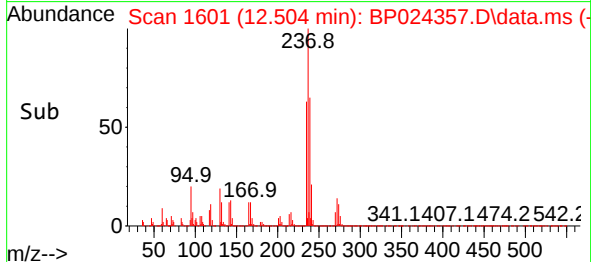
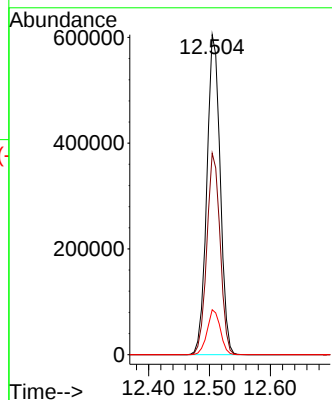
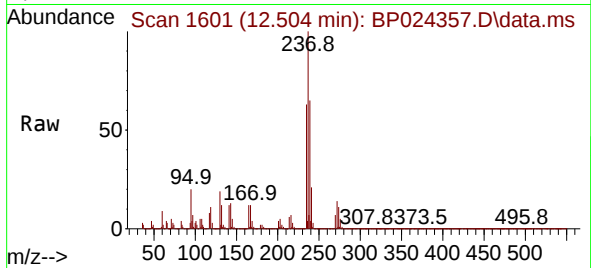




#41
Hexachlorocyclopentadiene
Concen: 168.851 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

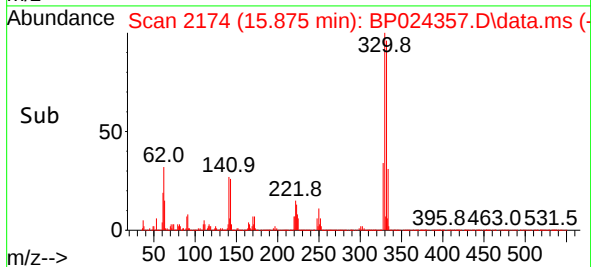
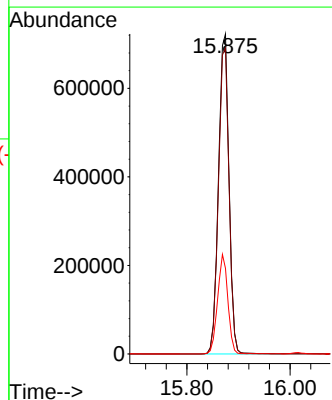
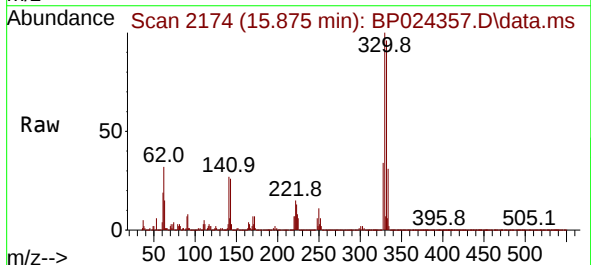
Instrument :
BNA_P
ClientSampleId :
PB167655BS

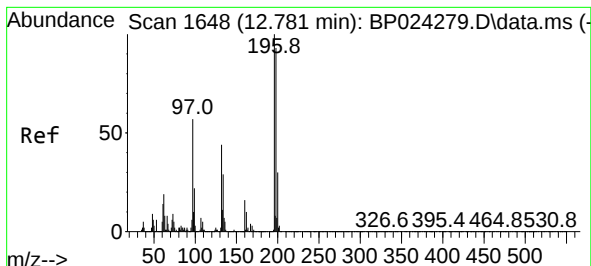
Tgt Ion:237 Resp: 920327
Ion Ratio Lower Upper
237 100
235 63.0 43.9 83.9
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 131.653 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:330 Resp: 1020772
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.3 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 45.134 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

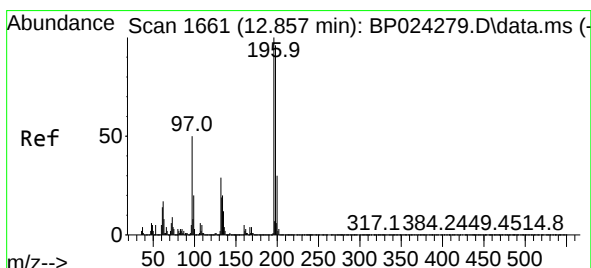
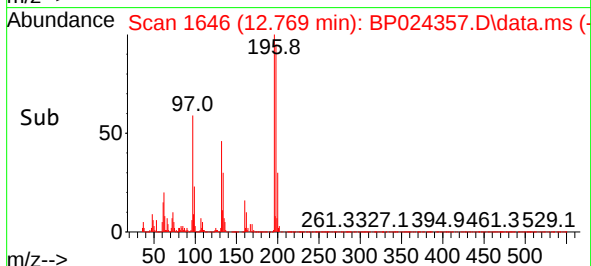
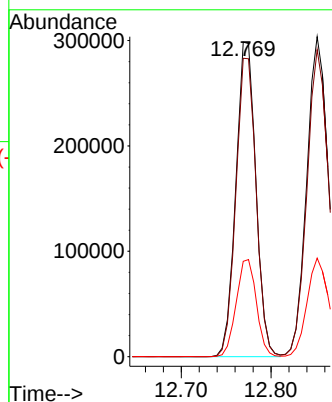
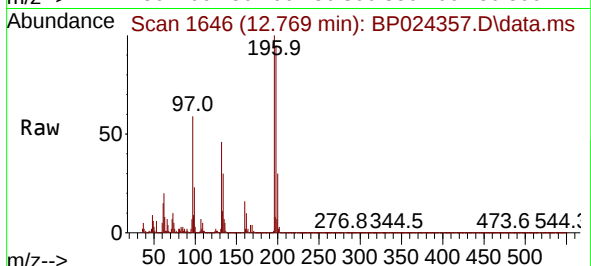
Tgt Ion:196 Resp: 462458

Ion Ratio Lower Upper

196 100

198 94.8 74.3 111.5

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 45.617 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Tgt Ion:196 Resp: 517588

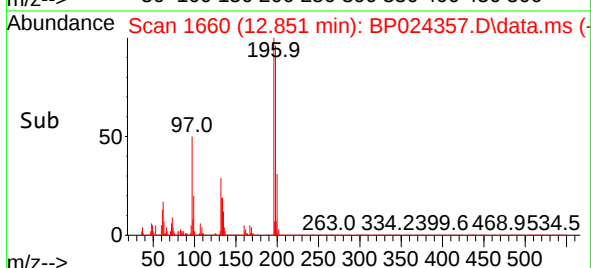
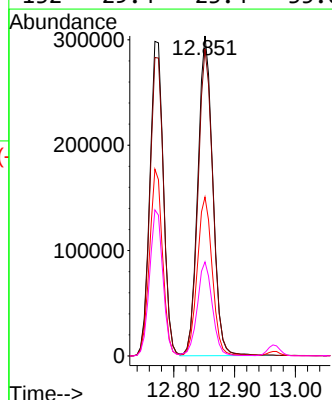
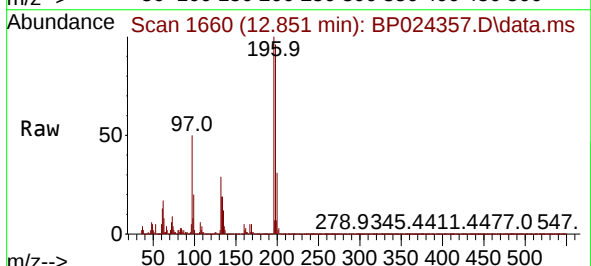
Ion Ratio Lower Upper

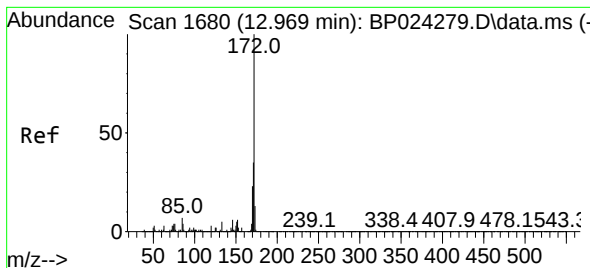
196 100

198 96.0 77.3 115.9

97 49.7 40.4 60.6

132 29.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 82.162 ng

RT: 12.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

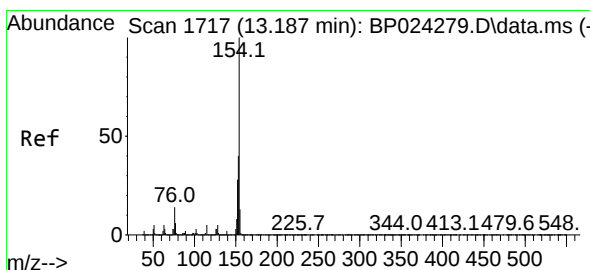
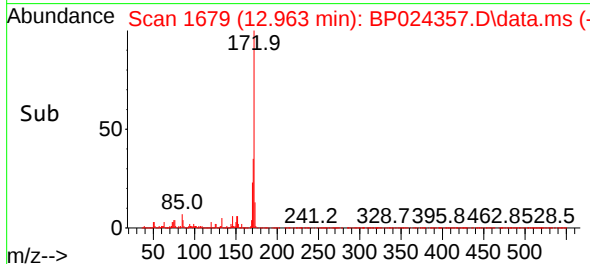
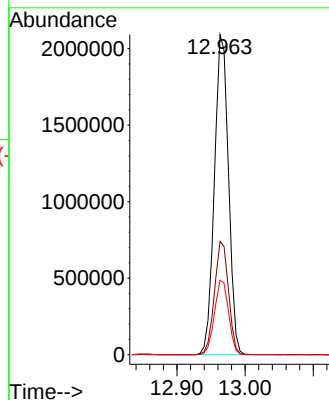
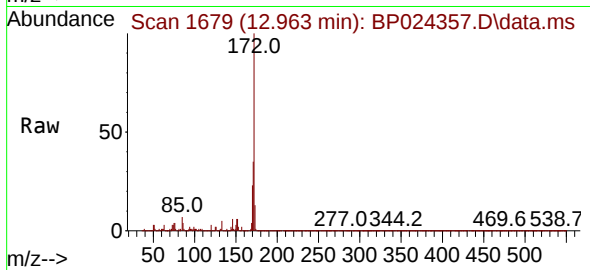
Tgt Ion:172 Resp: 3007215

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 41.729 ng

RT: 13.175 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

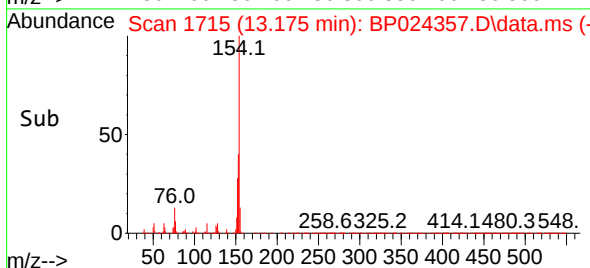
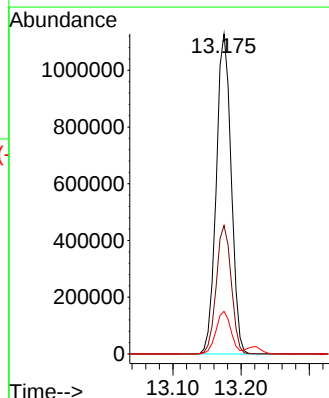
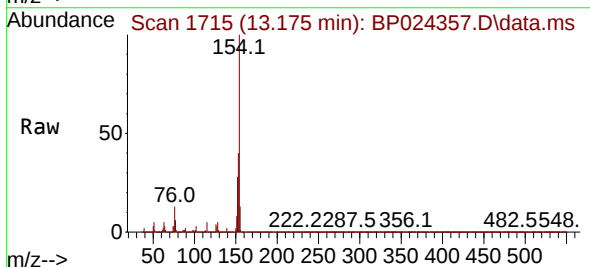
Tgt Ion:154 Resp: 1718948

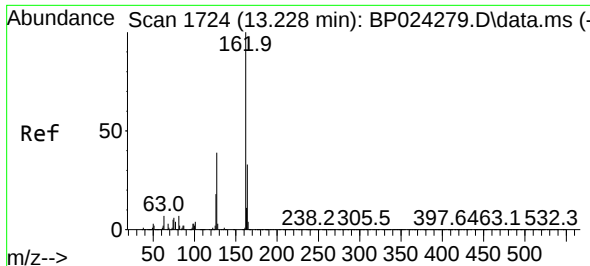
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 13.3 0.0 33.5

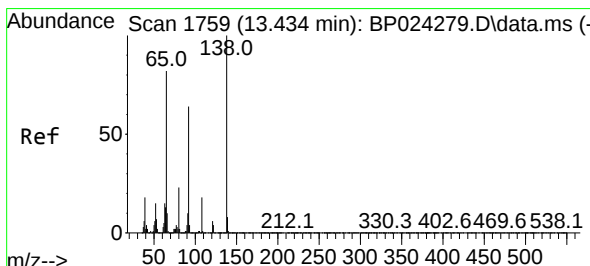
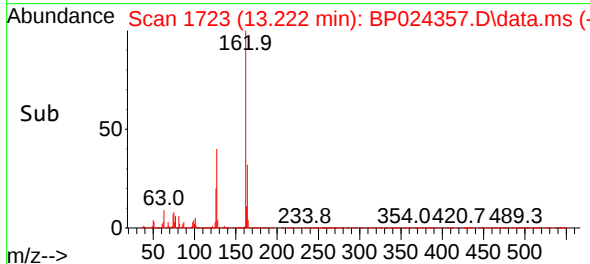
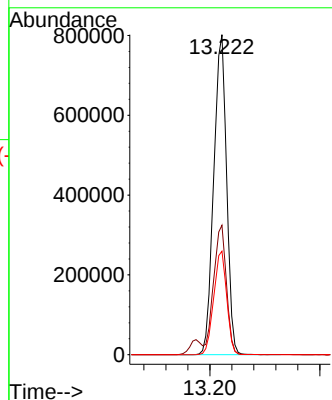
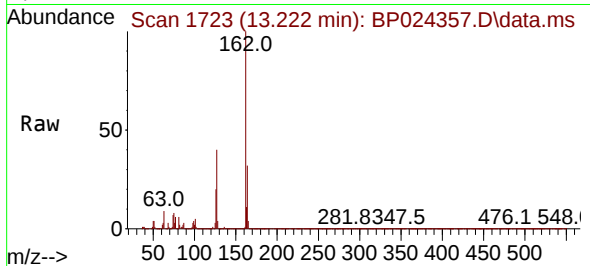




#47
2-Chloronaphthalene
Concen: 42.306 ng
RT: 13.222 min Scan# 1724
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

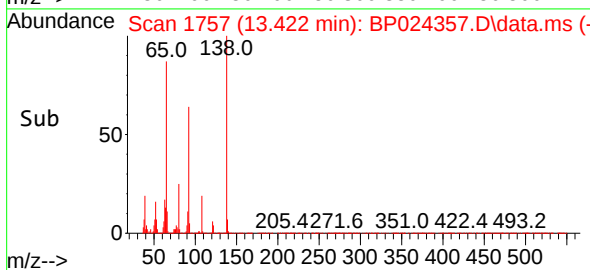
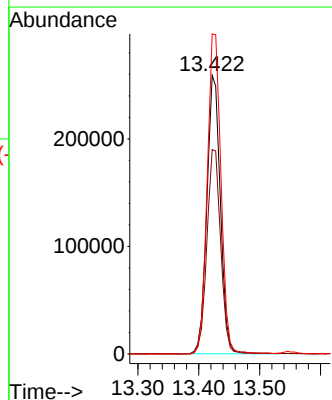
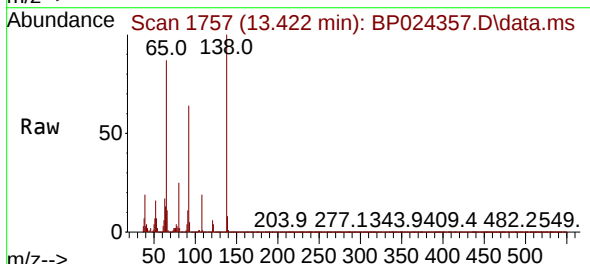
Instrument :
BNA_P
ClientSampleId :
PB167655BS

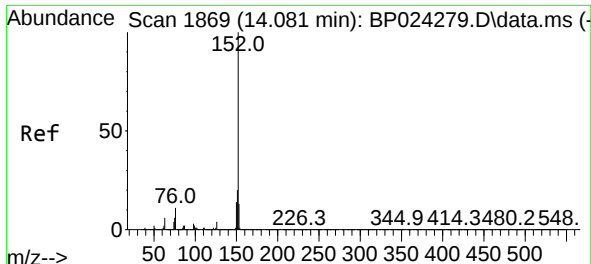
Tgt Ion:162 Resp: 1302466
Ion Ratio Lower Upper
162 100
127 40.4 31.9 47.9
164 32.3 26.2 39.4



#48
2-Nitroaniline
Concen: 46.382 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 65 Resp: 400544
Ion Ratio Lower Upper
65 100
92 73.4 62.3 93.5
138 114.9 97.2 145.8

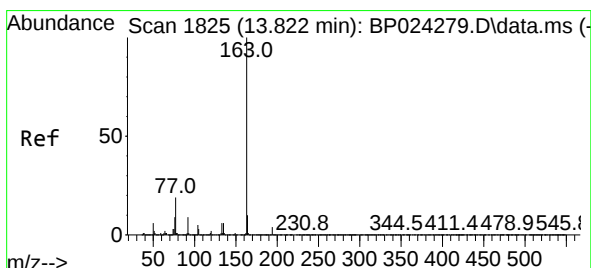
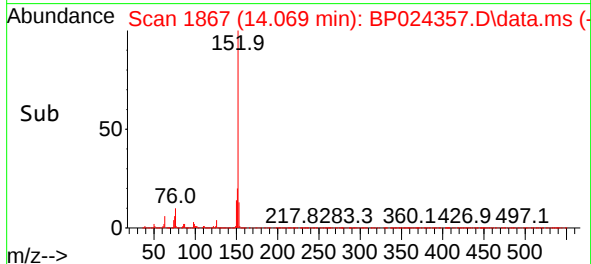
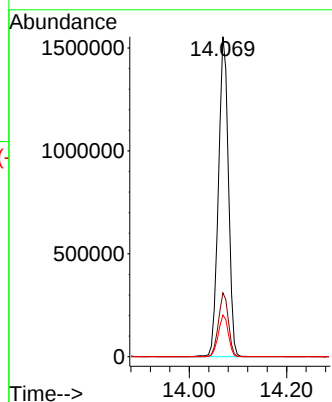
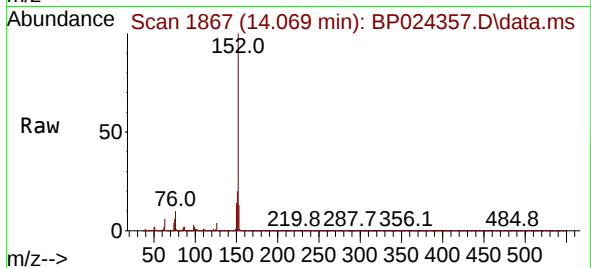




#49
Acenaphthylene
Concen: 45.378 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

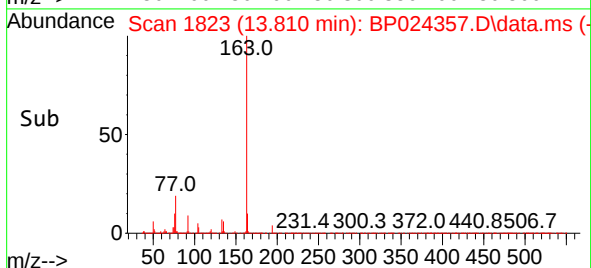
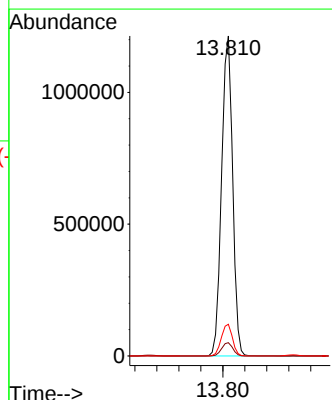
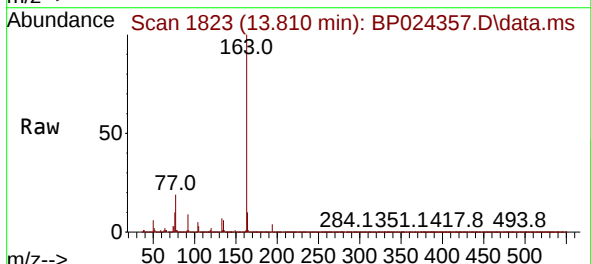
Instrument :
BNA_P
ClientSampleId :
PB167655BS

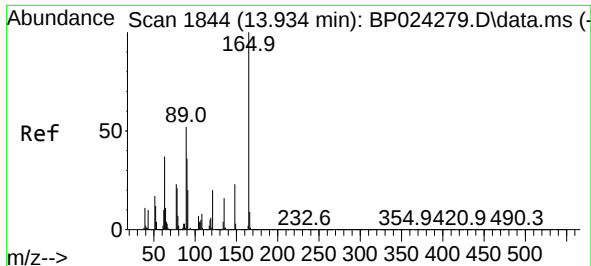
Tgt Ion:152 Resp: 2199525
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 41.435 ng
RT: 13.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:163 Resp: 1688617
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 8.0 12.0

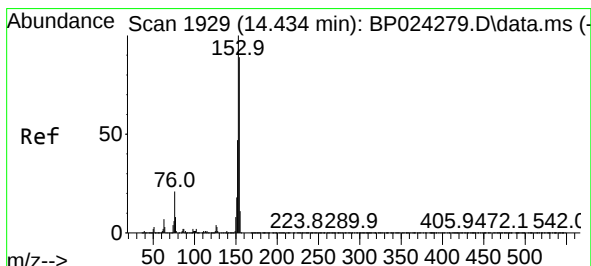
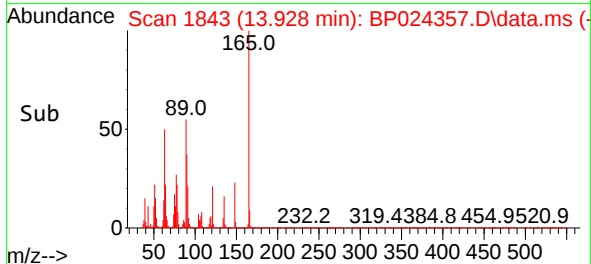
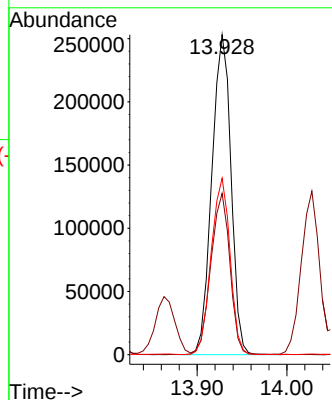
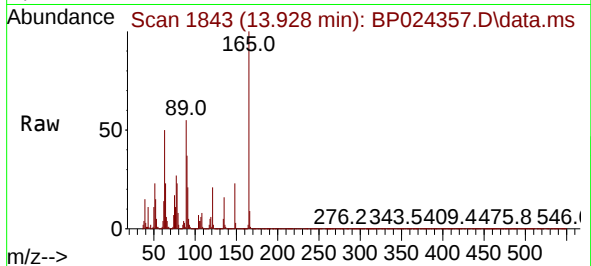




#51
2,6-Dinitrotoluene
Concen: 43.292 ng
RT: 13.928 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

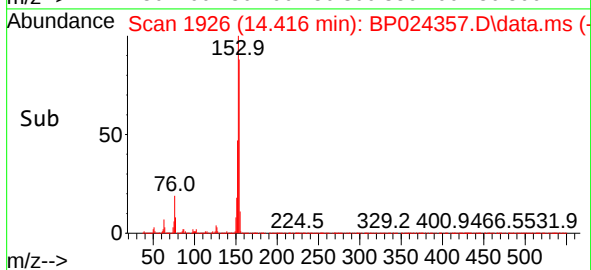
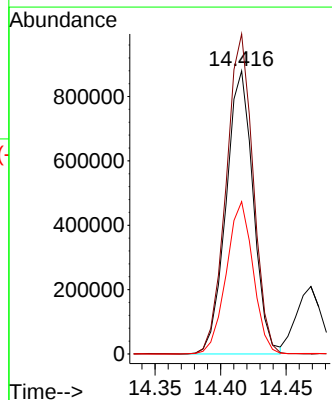
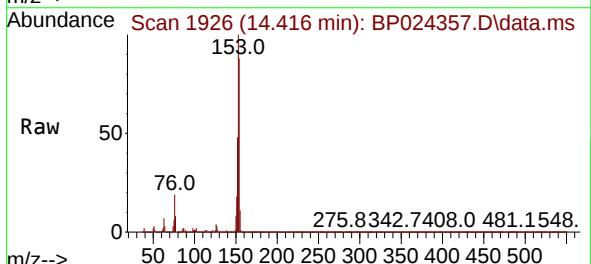
Instrument :
BNA_P
ClientSampleId :
PB167655BS

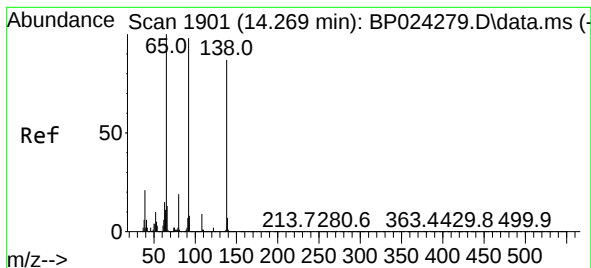
Tgt Ion:165 Resp: 374646
Ion Ratio Lower Upper
165 100
63 50.4 38.0 57.0
89 55.2 41.7 62.5



#52
Acenaphthene
Concen: 41.224 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:154 Resp: 1266805
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.6
152 53.8 42.6 63.8

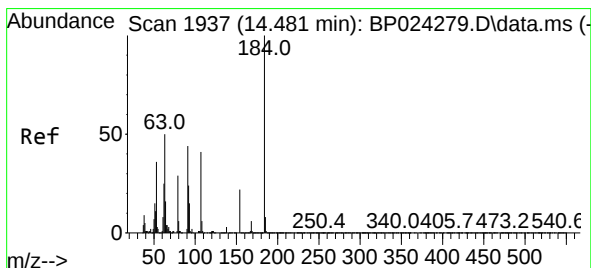
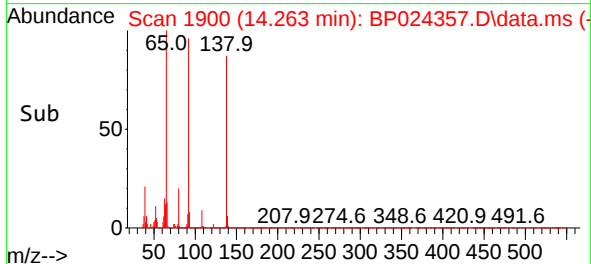
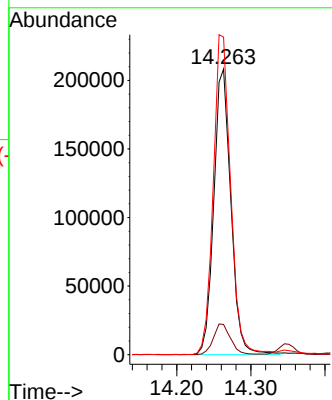
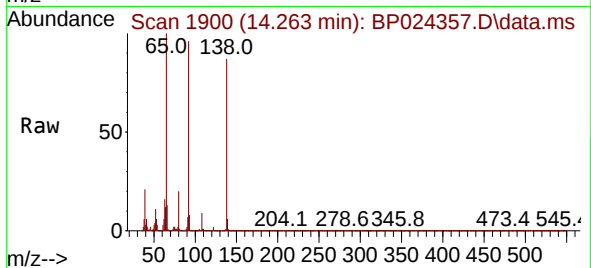




#53
3-Nitroaniline
Concen: 36.680 ng
RT: 14.263 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

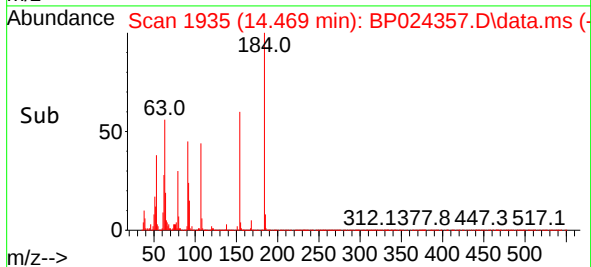
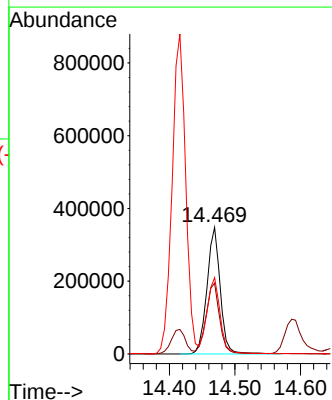
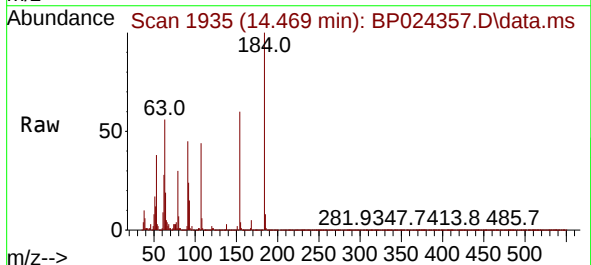
Instrument :
BNA_P
ClientSampleId :
PB167655BS

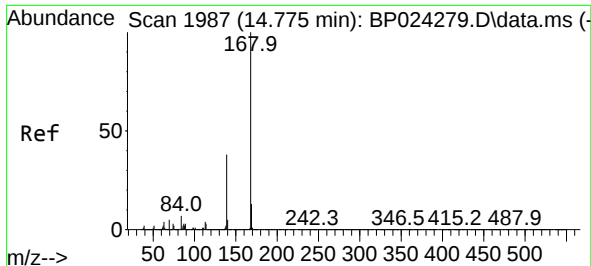
Tgt Ion:138 Resp: 333617
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 111.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 96.458 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:184 Resp: 491703
Ion Ratio Lower Upper
184 100
63 56.0 42.6 64.0
154 60.4 47.2 70.8

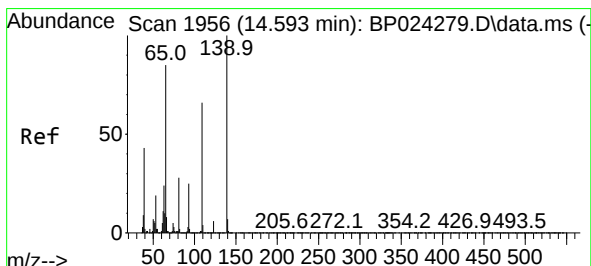
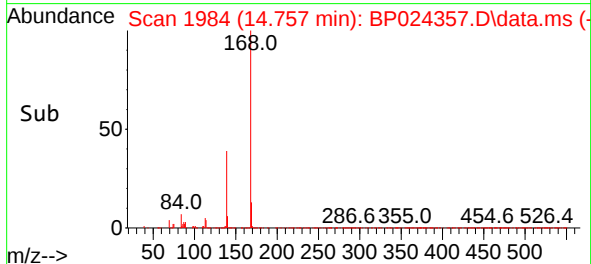
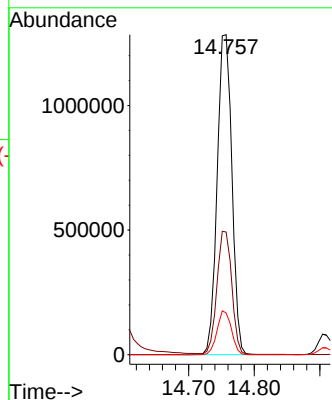
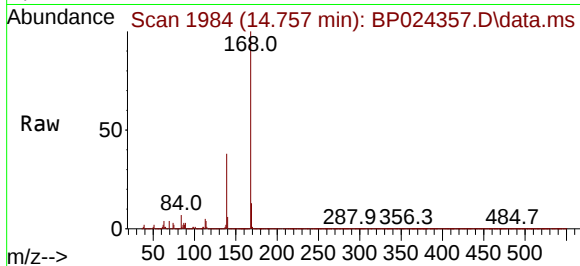




#55
Dibenzofuran
Concen: 39.632 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

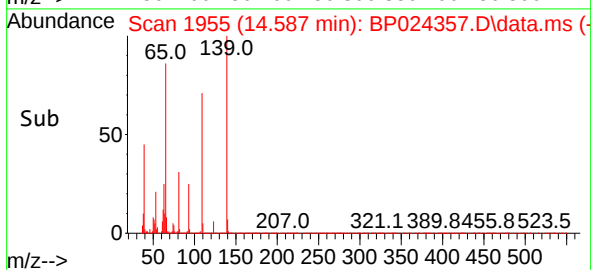
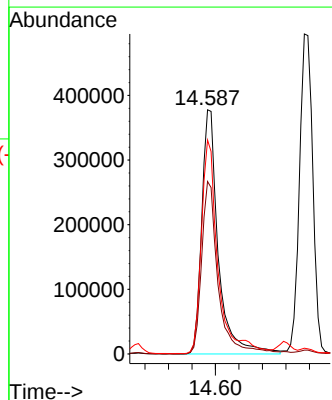
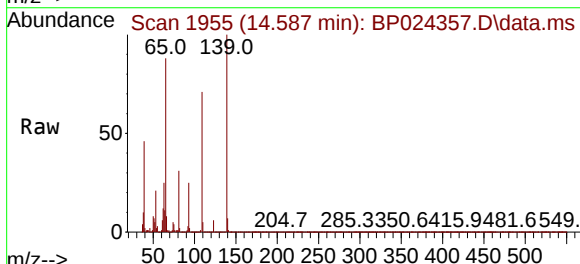
Instrument :
BNA_P
ClientSampleId :
PB167655BS

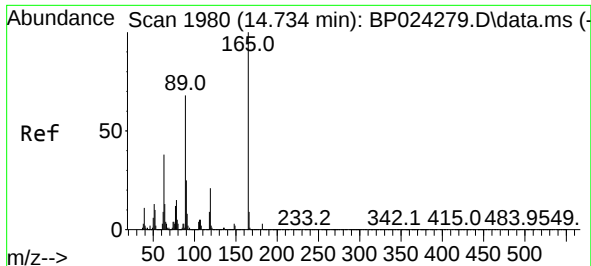
Tgt Ion:168 Resp: 1990686
Ion Ratio Lower Upper
168 100
139 38.4 30.3 45.5
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 94.205 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:139 Resp: 740012
Ion Ratio Lower Upper
139 100
109 70.7 46.1 86.1
65 87.6 65.0 105.0

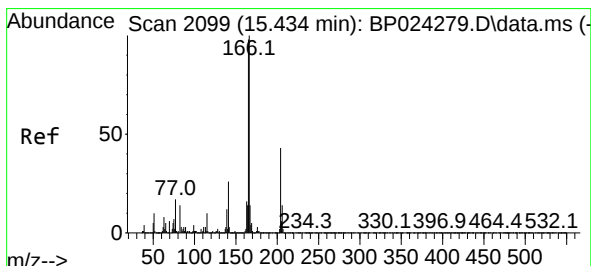
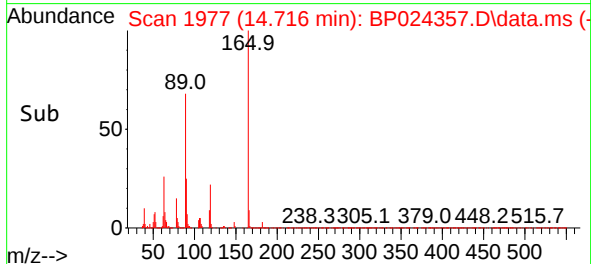
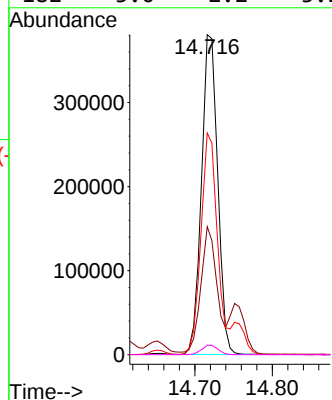
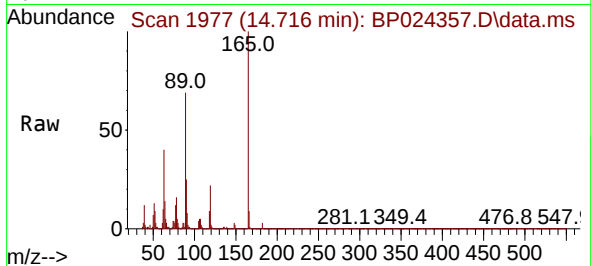




#57
2,4-Dinitrotoluene
Concen: 46.868 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

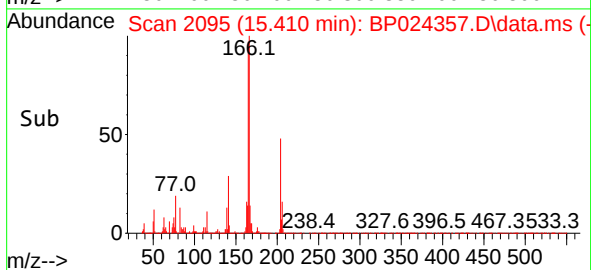
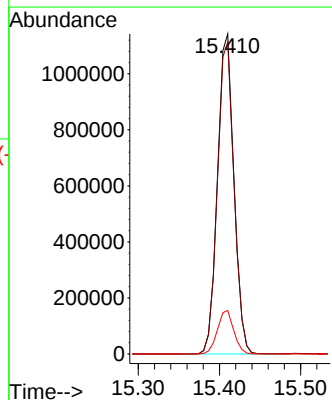
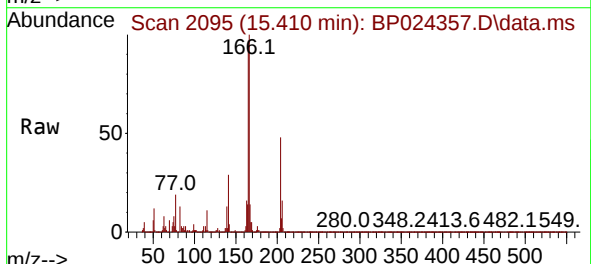
Instrument :
BNA_P
ClientSampleId :
PB167655BS

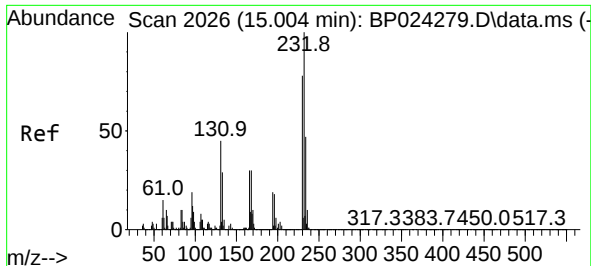
Tgt Ion:165 Resp: 553280
Ion Ratio Lower Upper
165 100
63 40.0 30.4 45.6
89 69.3 54.6 82.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 41.433 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:166 Resp: 1611091
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.6 10.9 16.3

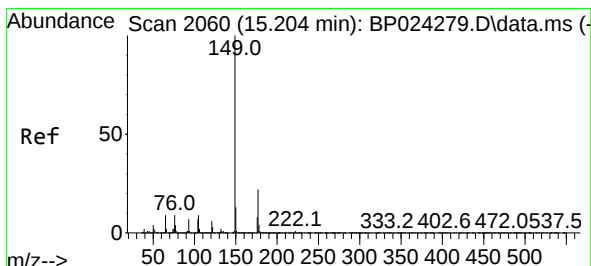
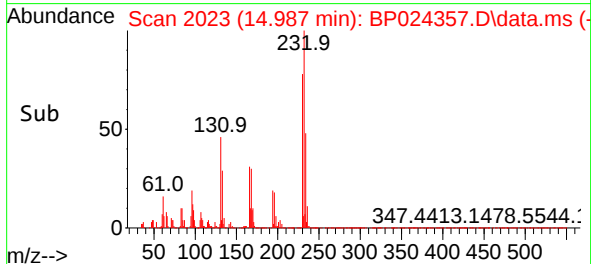
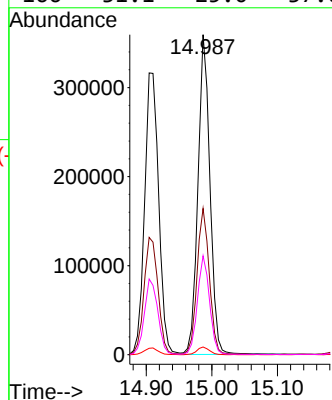
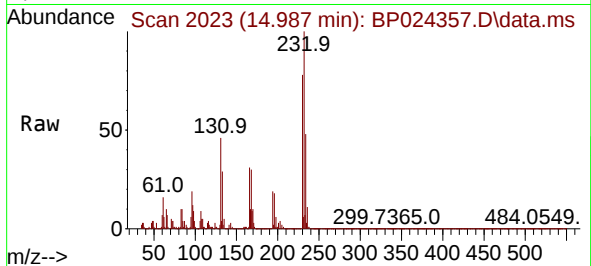




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.778 ng
RT: 14.987 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

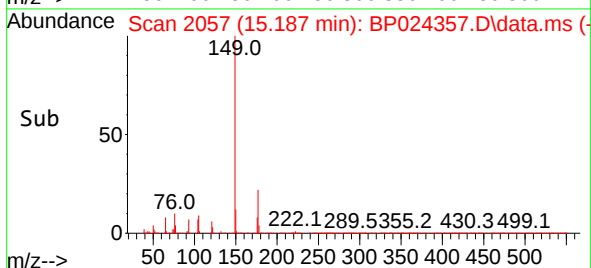
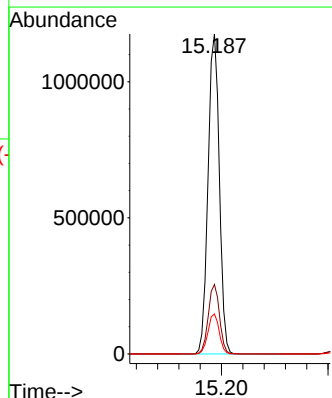
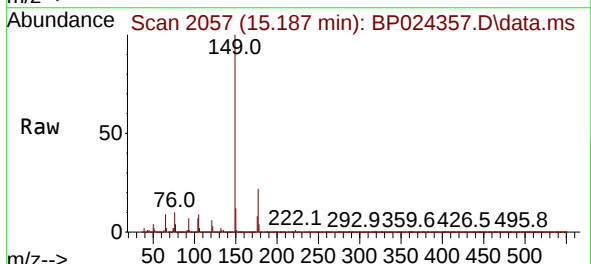
Instrument :
BNA_P
ClientSampleId :
PB167655BS

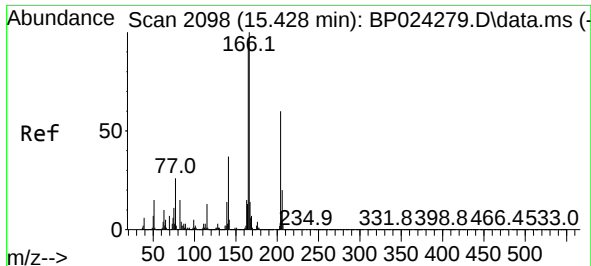
Tgt Ion:232 Resp: 458131
Ion Ratio Lower Upper
232 100
131 46.8 36.8 55.2
130 2.5 1.9 2.9
166 31.1 25.0 37.6



#60
Diethylphthalate
Concen: 40.997 ng
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:149 Resp: 1721780
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.5 10.1 15.1

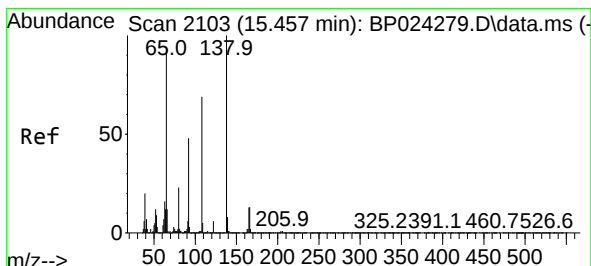
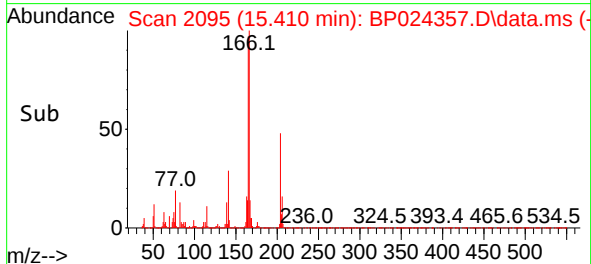
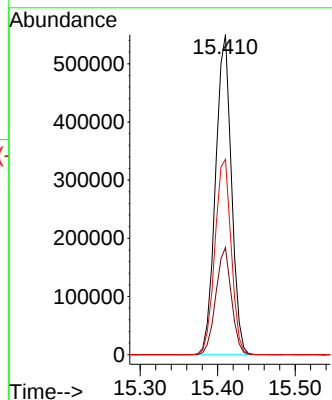
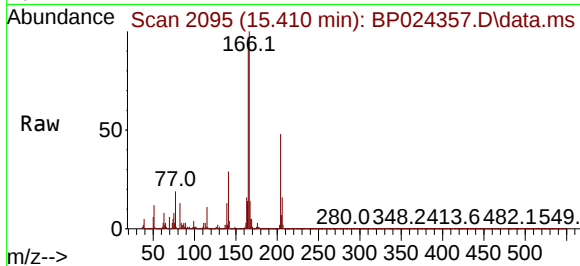




#61
4-Chlorophenyl-phenylether
Concen: 41.417 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

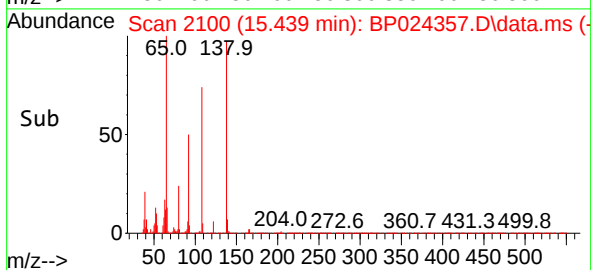
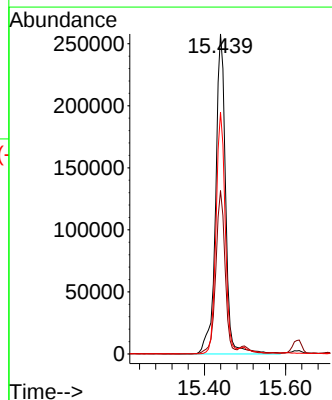
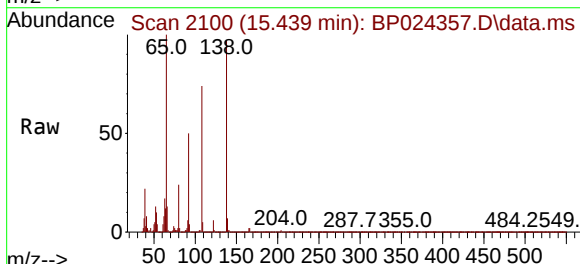
Instrument :
BNA_P
ClientSampleId :
PB167655BS

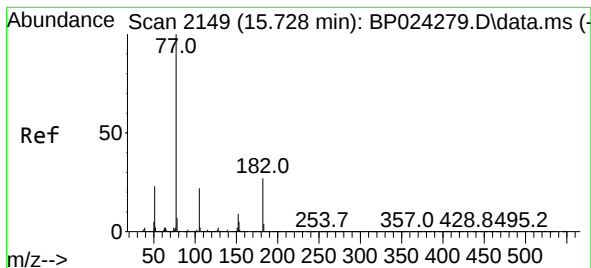
Tgt Ion:204 Resp: 782055
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 61.1 49.4 74.0



#62
4-Nitroaniline
Concen: 45.629 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

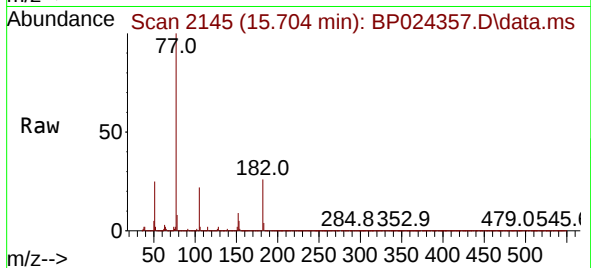
Tgt Ion:138 Resp: 439337
Ion Ratio Lower Upper
138 100
92 51.1 27.8 67.8
108 75.6 48.9 88.9



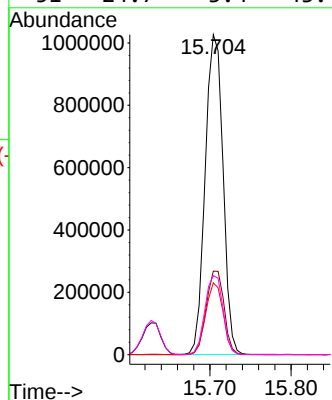
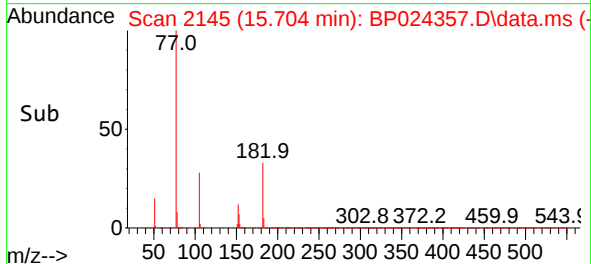


#63
Azobenzene
Concen: 40.449 ng
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Instrument :
BNA_P
ClientSampleId :
PB167655BS

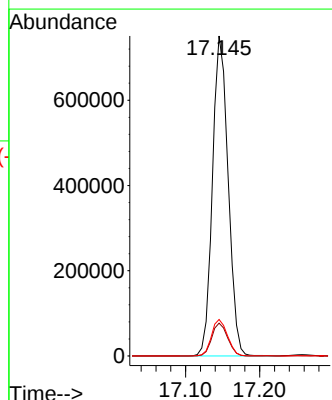
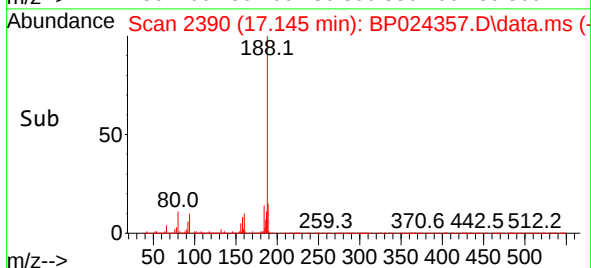
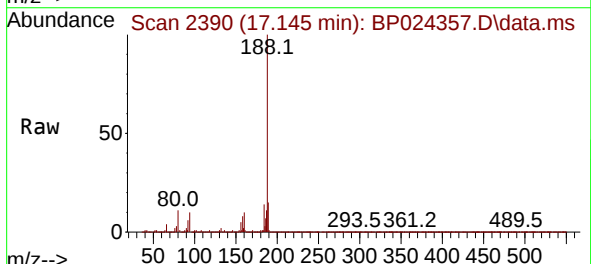


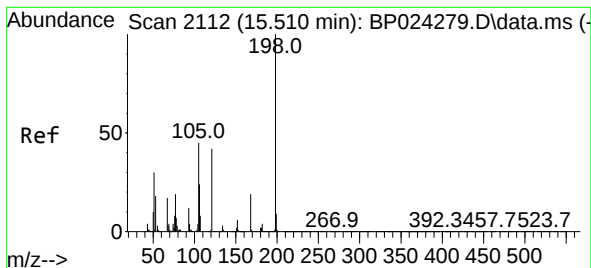
Tgt Ion: 77 Resp: 1561362
Ion Ratio Lower Upper
77 100
182 26.1 7.3 47.3
105 22.4 2.3 42.3
51 24.7 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion: 188 Resp: 1102624
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 11.4 9.8 14.6

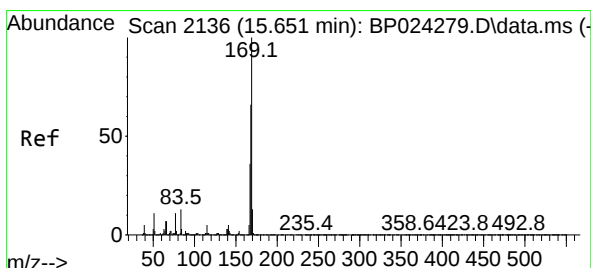
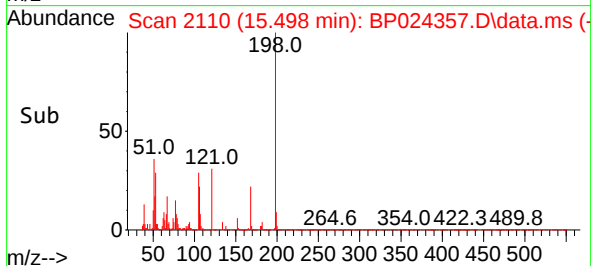
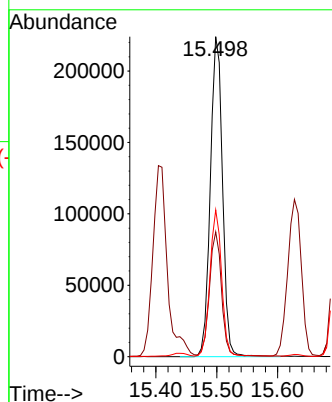
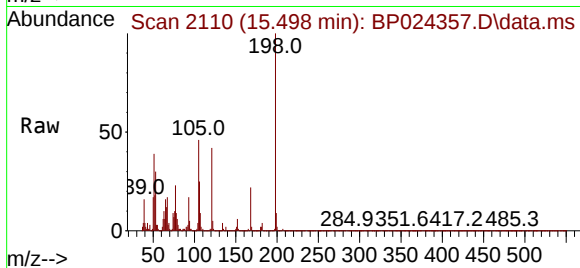




#65
4,6-Dinitro-2-methylphenol
Concen: 44.701 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

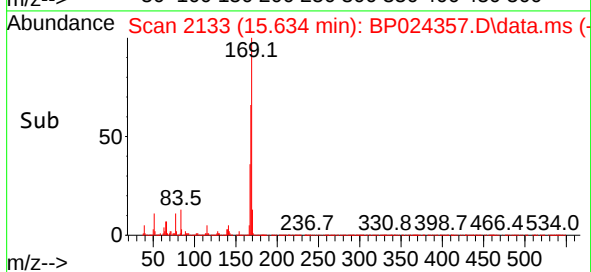
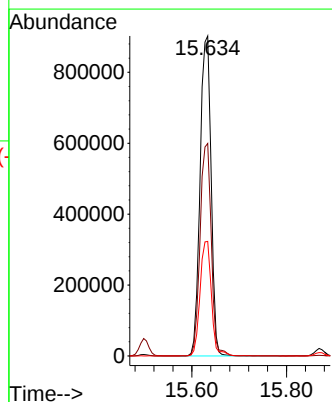
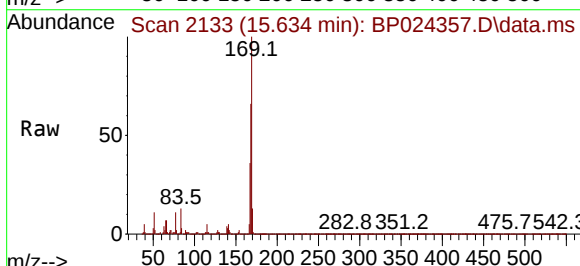
Instrument :
BNA_P
ClientSampleId :
PB167655BS

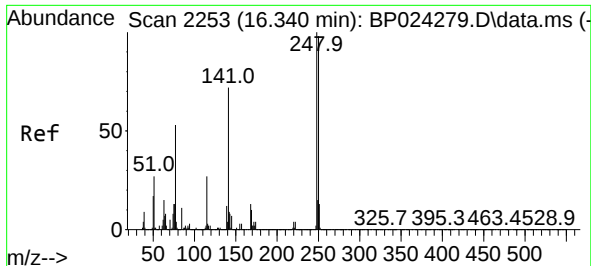
Tgt Ion:198 Resp: 310742
Ion Ratio Lower Upper
198 100
51 39.0 18.4 58.4
105 45.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 44.037 ng
RT: 15.634 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:169 Resp: 1449281
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 35.8 28.9 43.3

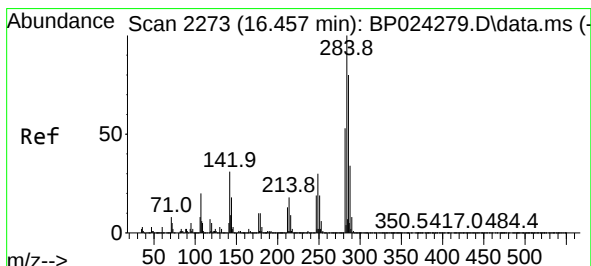
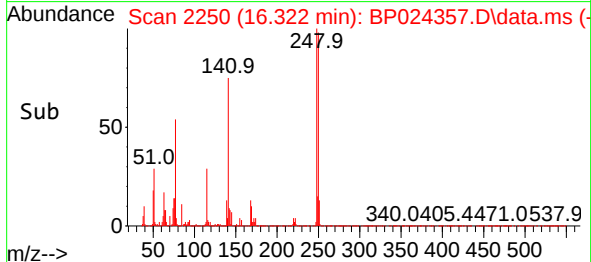
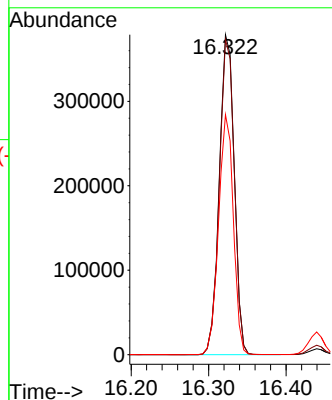
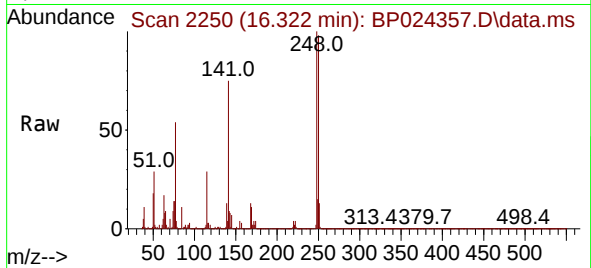




#67
4-Bromophenyl-phenylether
Concen: 42.199 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

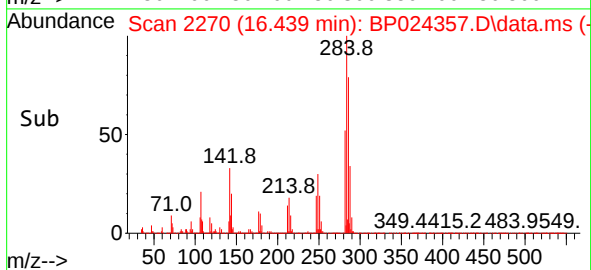
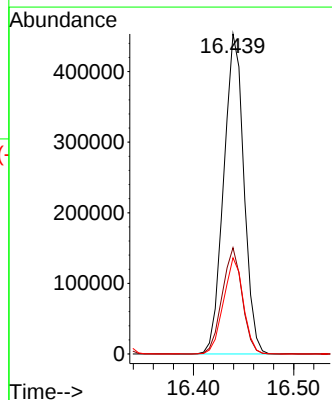
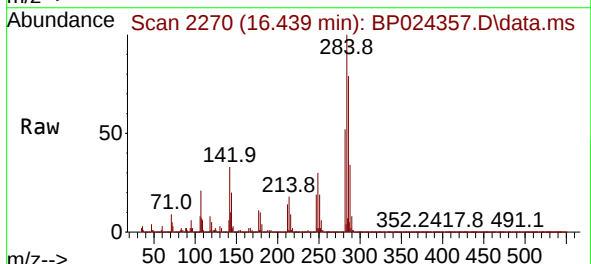
Instrument :
BNA_P
ClientSampleId :
PB167655BS

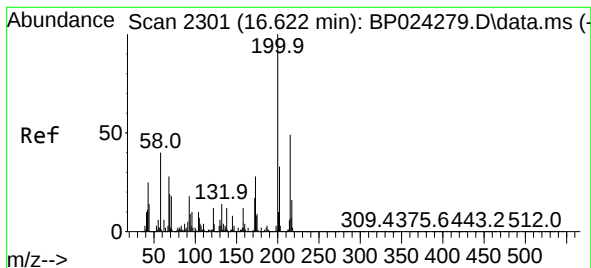
Tgt Ion:248 Resp: 508880
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.4
141 75.0 57.7 86.5



#68
Hexachlorobenzene
Concen: 44.203 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:284 Resp: 633412
Ion Ratio Lower Upper
284 100
142 33.2 24.6 37.0
249 30.0 23.8 35.6





#69

Atrazine

Concen: 61.488 ng

RT: 16.616 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

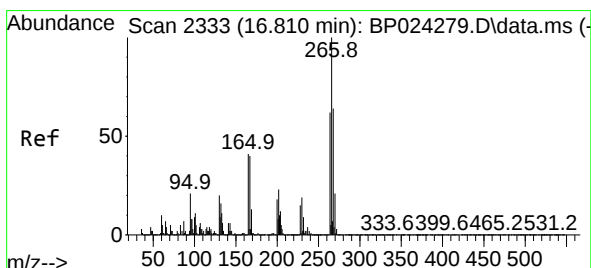
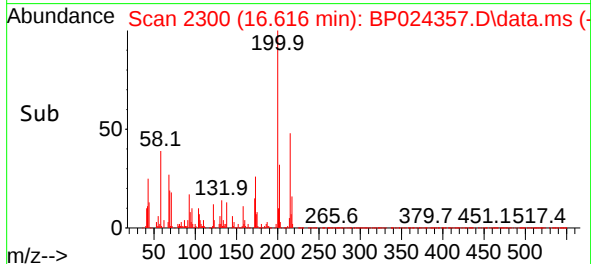
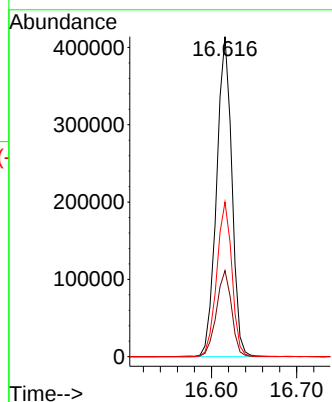
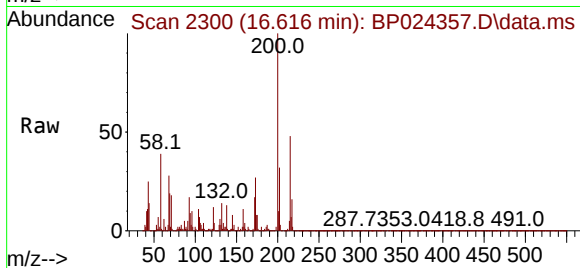
Tgt Ion:200 Resp: 515399

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

215 48.4 28.8 68.8



#70

Pentachlorophenol

Concen: 89.320 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

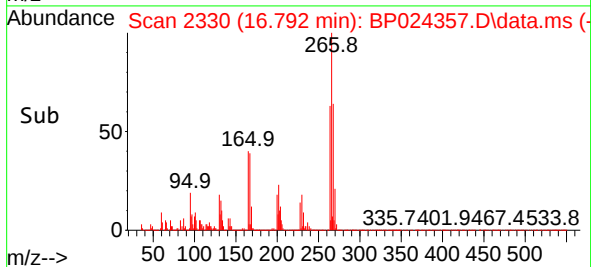
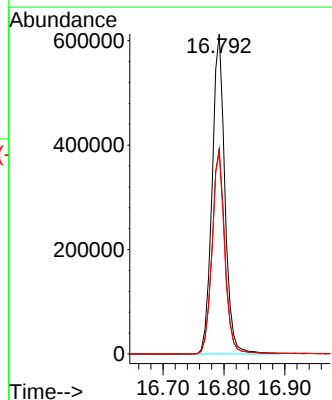
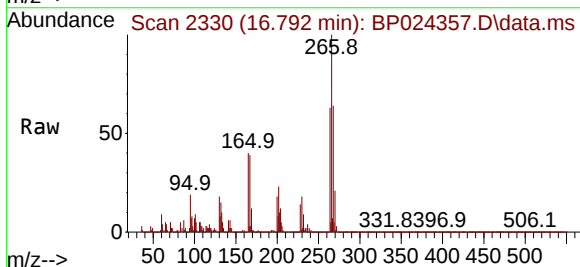
Tgt Ion:266 Resp: 892910

Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 62.9 49.8 74.6





#71

Phenanthrene

Concen: 42.803 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

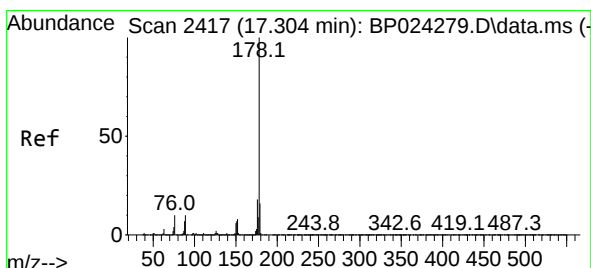
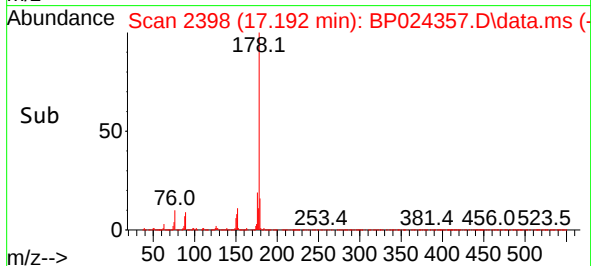
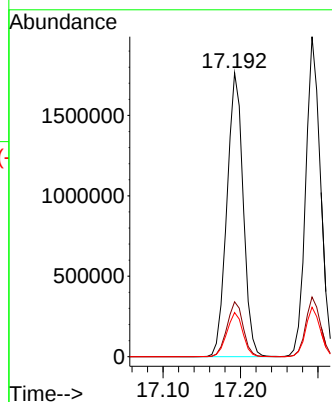
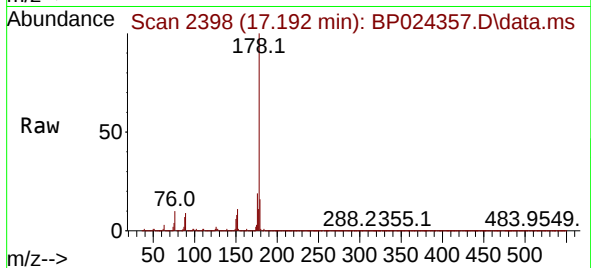
Tgt Ion:178 Resp: 2574674

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.6 12.5 18.7



#72

Anthracene

Concen: 45.540 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

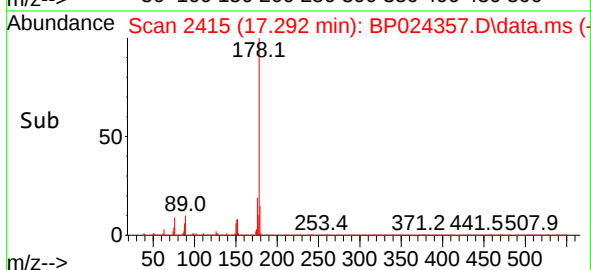
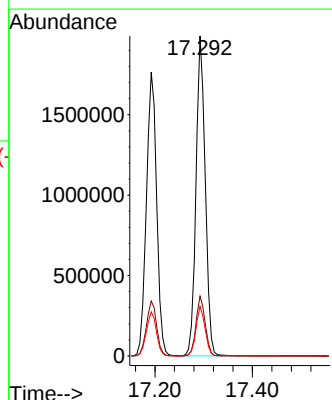
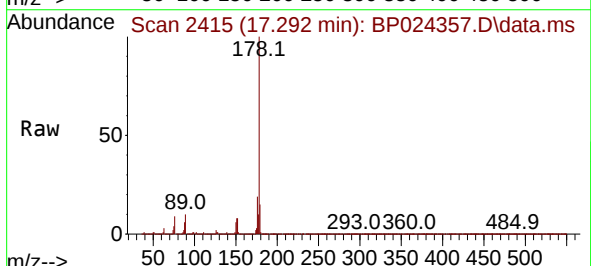
Tgt Ion:178 Resp: 2640119

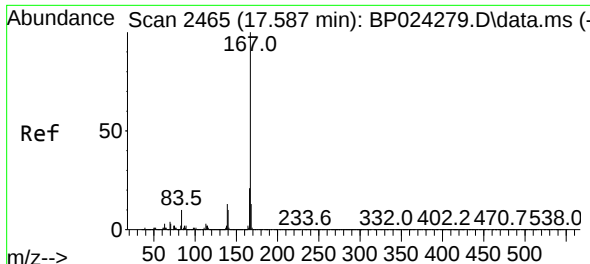
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.4 12.4 18.6

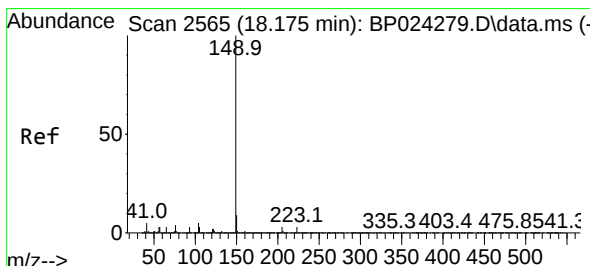
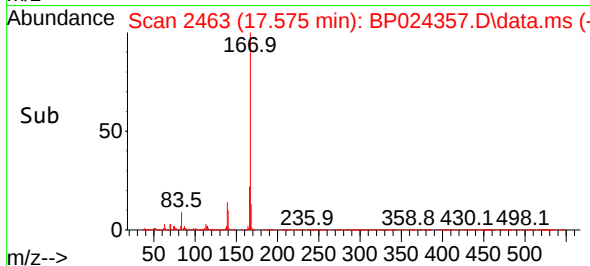
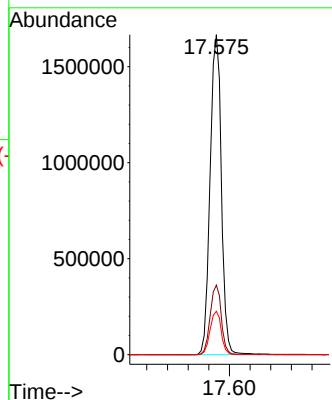
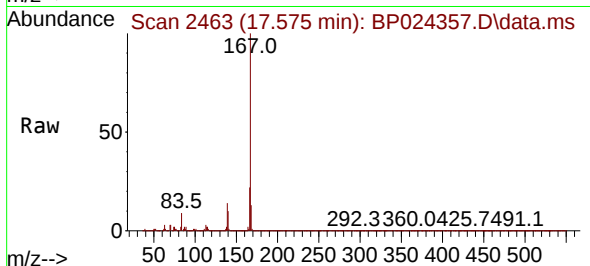




#73
 Carbazole
 Concen: 44.461 ng
 RT: 17.575 min Scan# 2463
 Delta R.T. 0.006 min
 Lab File: BP024357.D
 Acq: 21 Apr 2025 11:29

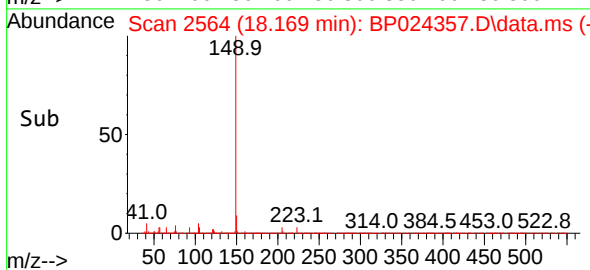
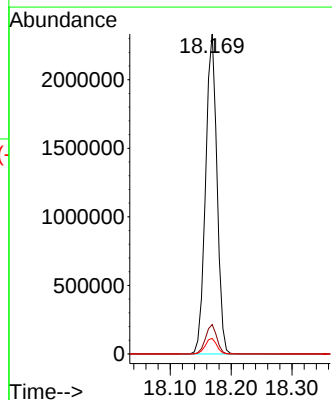
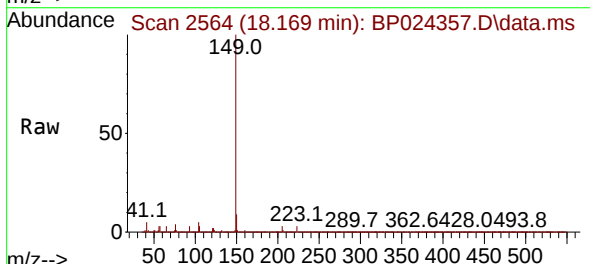
Instrument :
 BNA_P
 ClientSampleId :
 PB167655BS

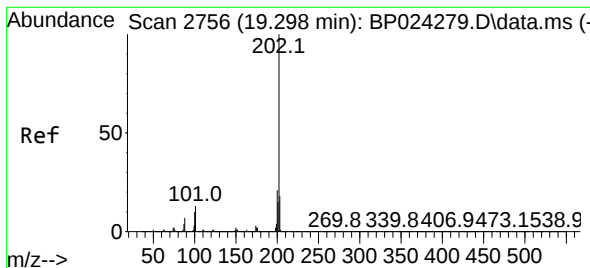
Tgt Ion:167 Resp: 2518500
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.896 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. 0.012 min
 Lab File: BP024357.D
 Acq: 21 Apr 2025 11:29

Tgt Ion:149 Resp: 3027233
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 42.563 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

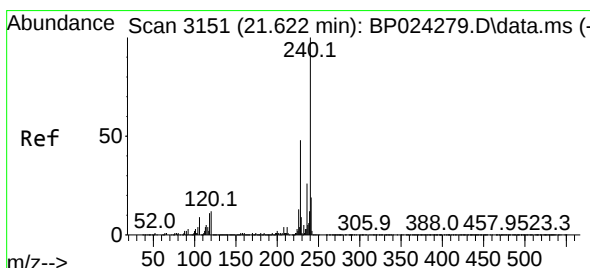
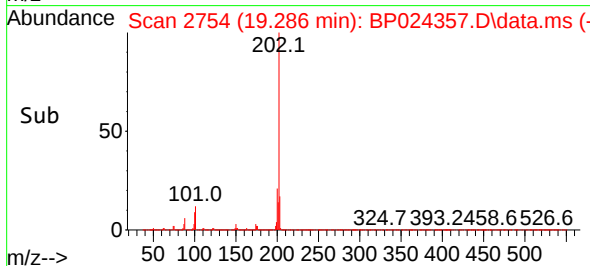
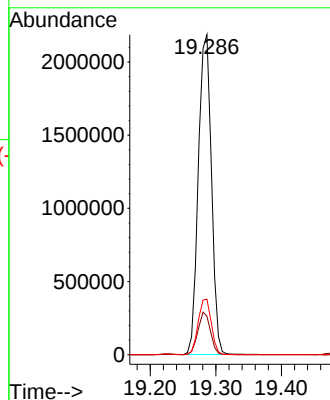
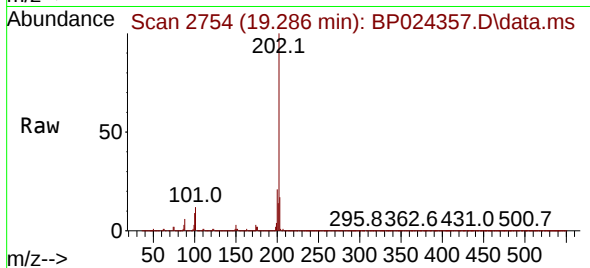
Tgt Ion:202 Resp: 3044955

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.2

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

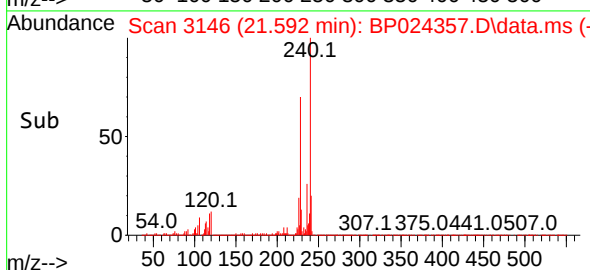
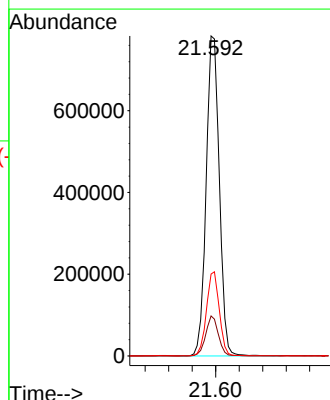
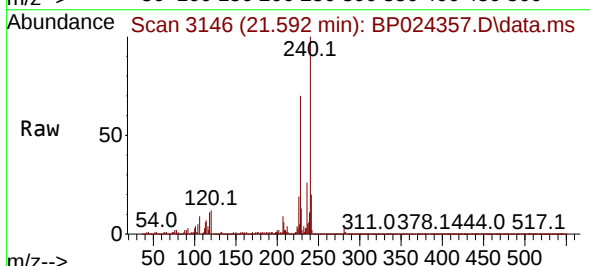
Tgt Ion:240 Resp: 1215967

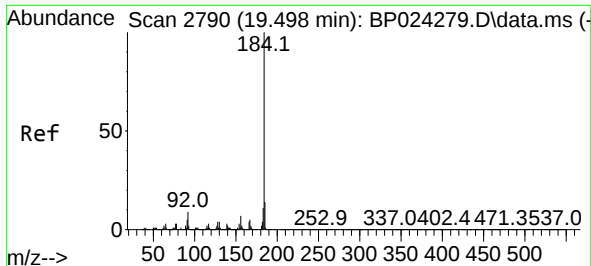
Ion Ratio Lower Upper

240 100

120 12.5 9.8 14.8

236 25.6 20.9 31.3

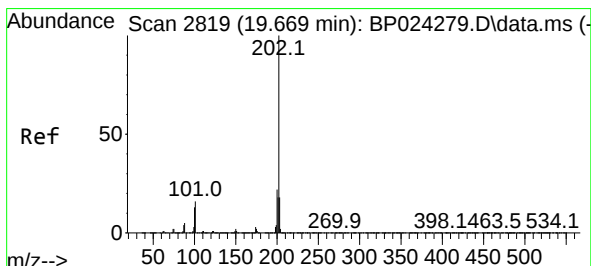
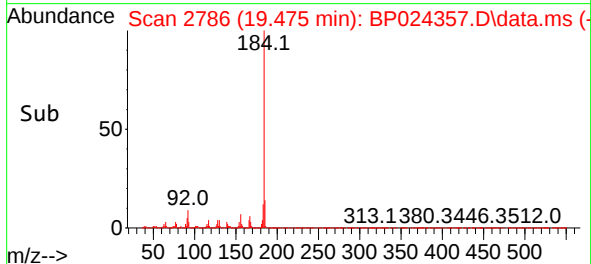
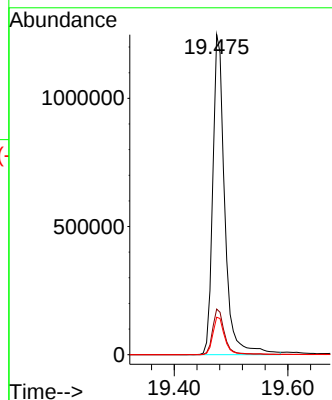
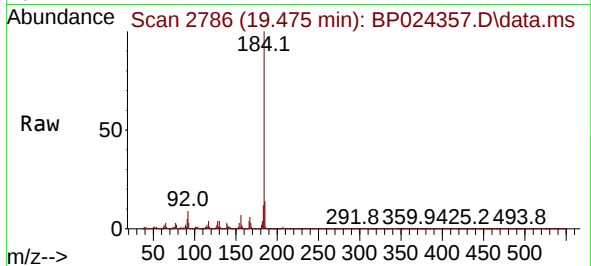




#77
Benzidine
Concen: 118.112 ng
RT: 19.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

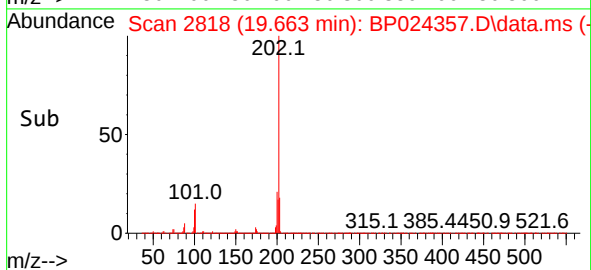
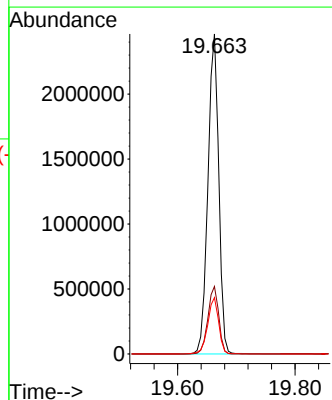
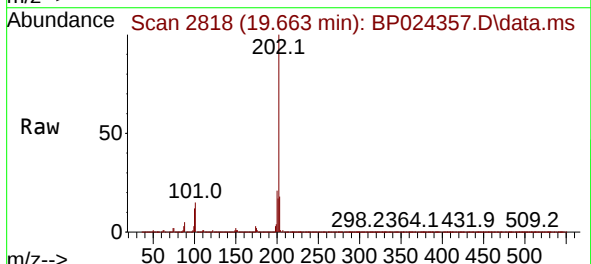
Instrument :
BNA_P
ClientSampleId :
PB167655BS

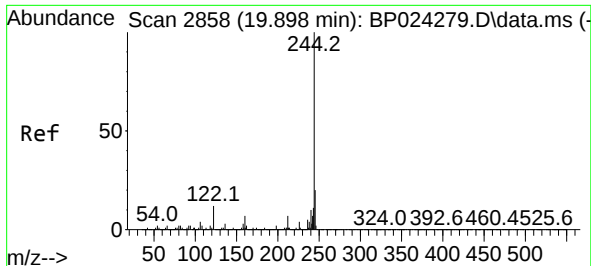
Tgt Ion:184 Resp: 1820516
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.7 9.2 13.8



#78
Pyrene
Concen: 40.671 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:202 Resp: 3142906
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.6 14.4 21.6

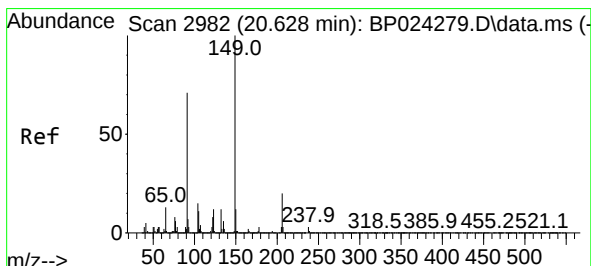
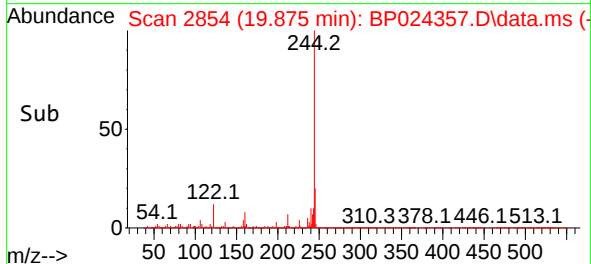
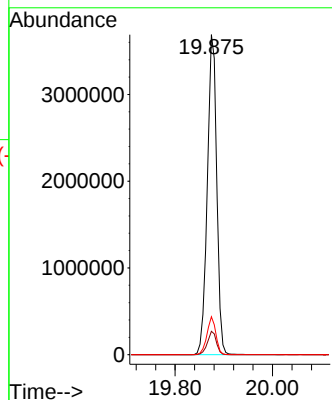
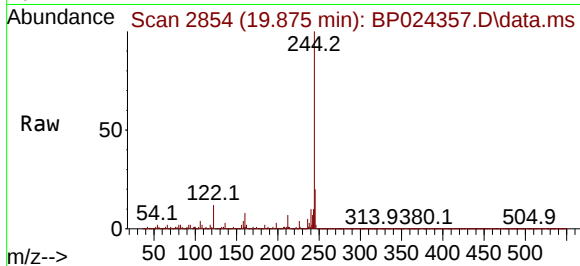




#79
 Terphenyl-d14
 Concen: 81.683 ng
 RT: 19.875 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024357.D
 Acq: 21 Apr 2025 11:29

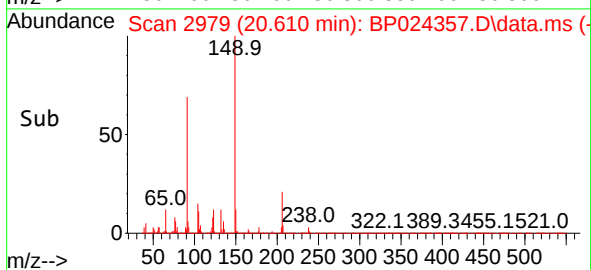
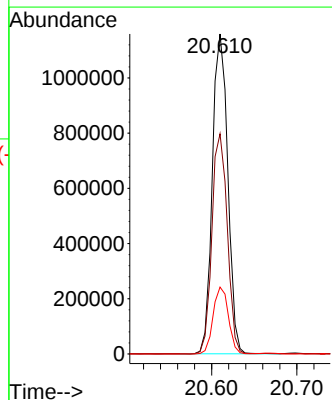
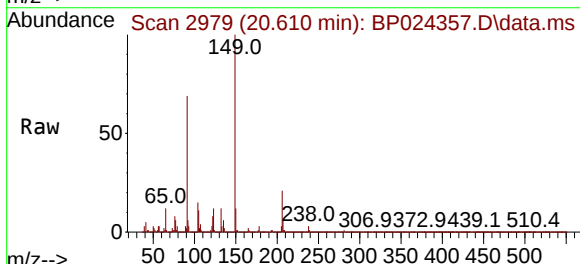
Instrument :
 BNA_P
 ClientSampleId :
 PB167655BS

Tgt Ion:244 Resp: 4927640
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.9 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 44.125 ng
 RT: 20.610 min Scan# 2979
 Delta R.T. 0.006 min
 Lab File: BP024357.D
 Acq: 21 Apr 2025 11:29

Tgt Ion:149 Resp: 1460498
 Ion Ratio Lower Upper
 149 100
 91 68.8 56.4 84.6
 206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.099 ng

RT: 21.574 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

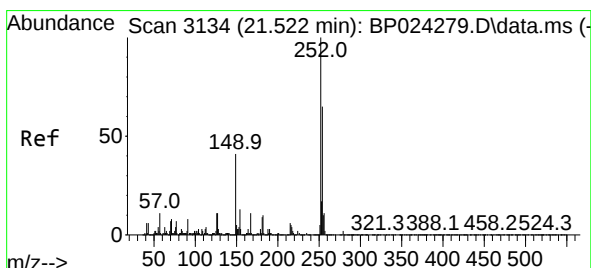
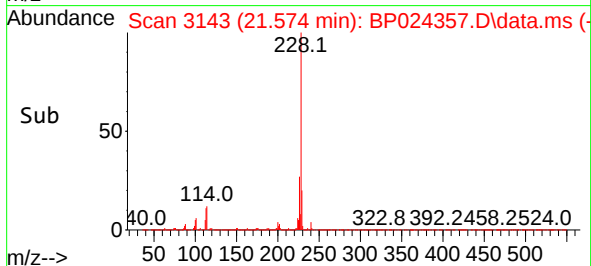
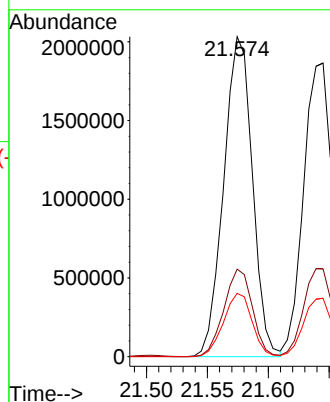
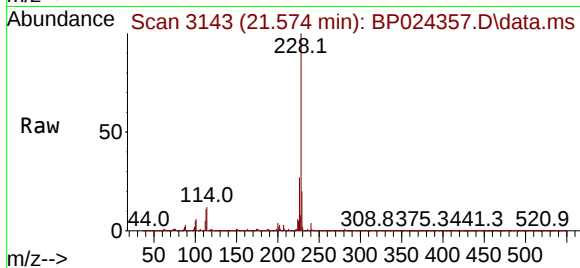
Tgt Ion:228 Resp: 3332993

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 33.927 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

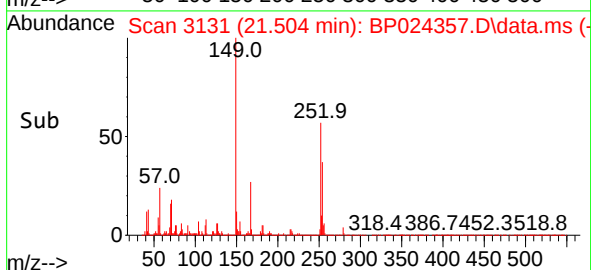
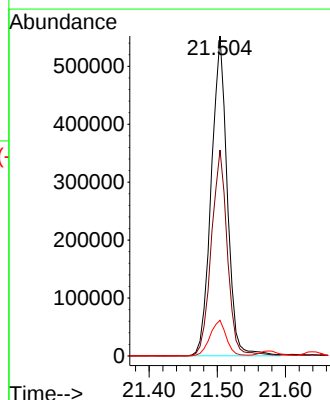
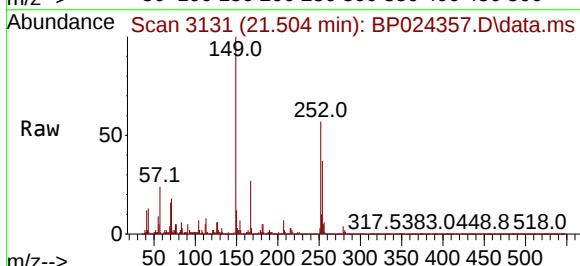
Tgt Ion:252 Resp: 900002

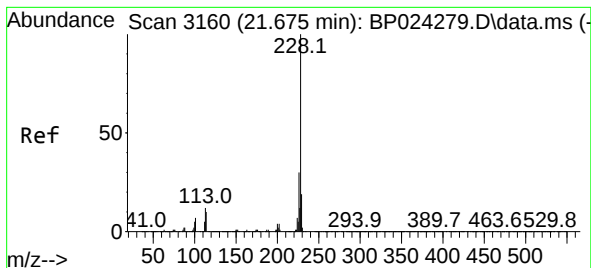
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 11.1 8.8 13.2





#83

Chrysene

Concen: 42.920 ng

RT: 21.645 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

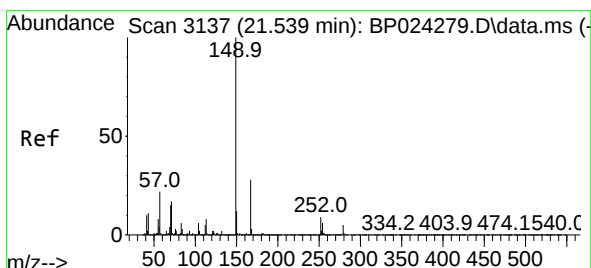
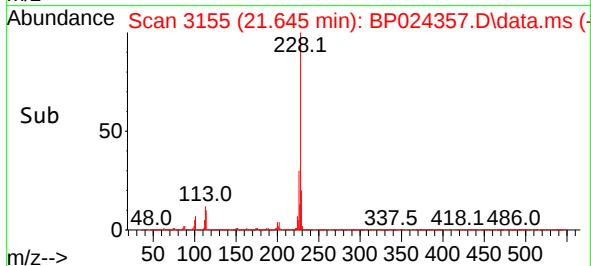
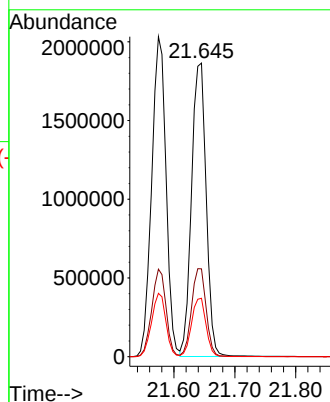
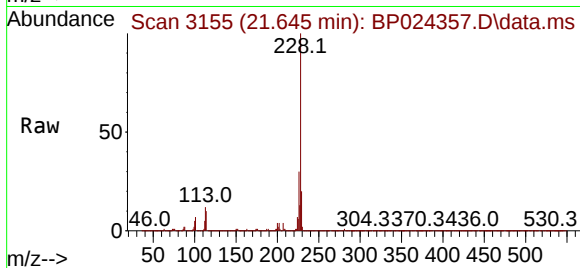
Tgt Ion:228 Resp: 3107786

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.267 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

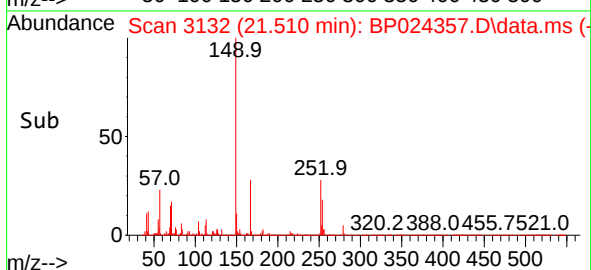
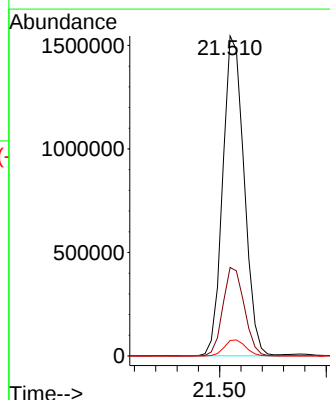
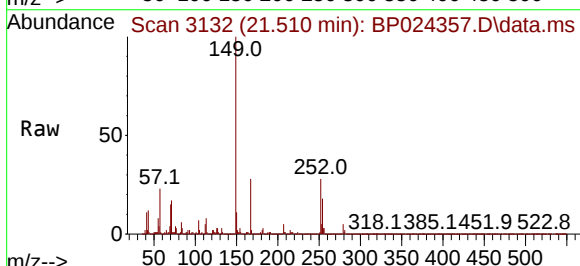
Tgt Ion:149 Resp: 2147922

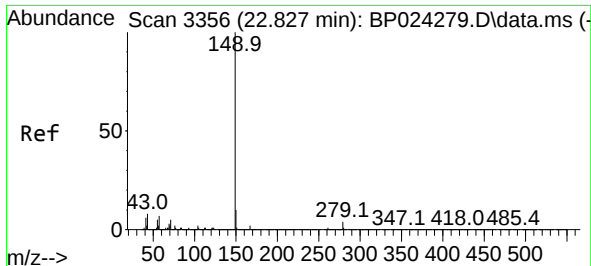
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 4.8 4.0 6.0

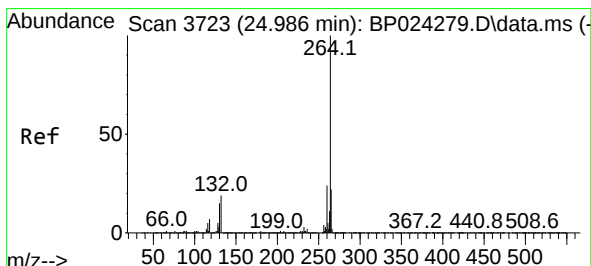
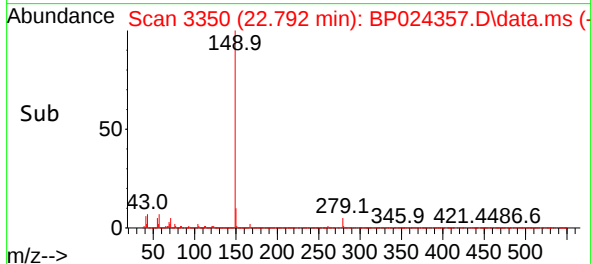
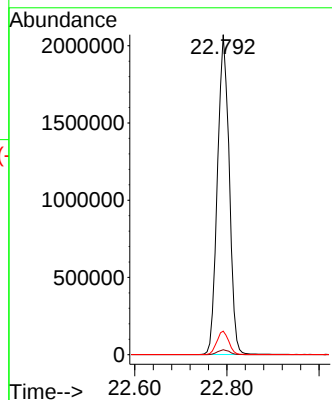
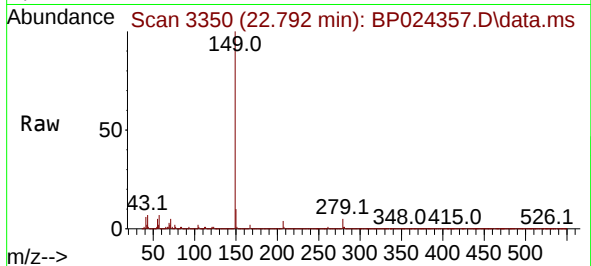




#85
Di-n-octyl phthalate
Concen: 46.328 ng
RT: 22.792 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

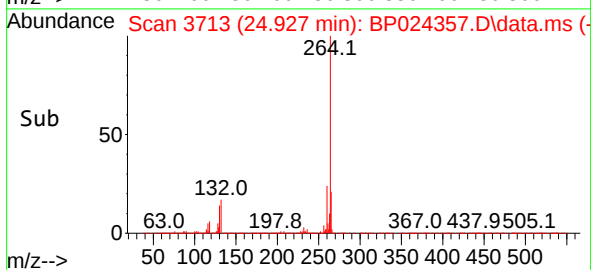
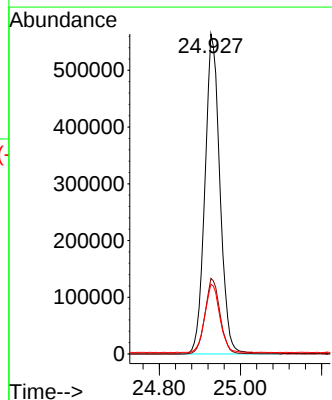
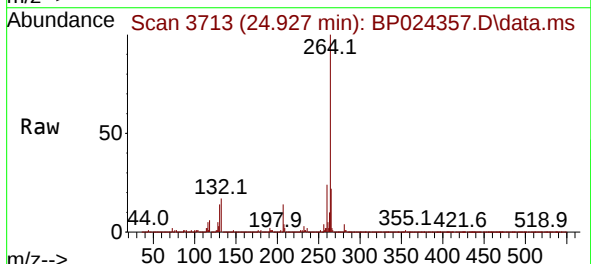
Instrument :
BNA_P
ClientSampleId :
PB167655BS

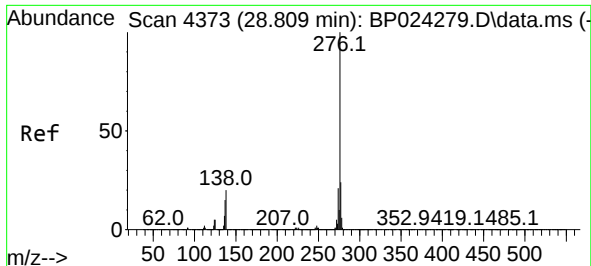
Tgt Ion:149 Resp: 3654520
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.4 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:264 Resp: 1443949
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.8 17.8 26.6

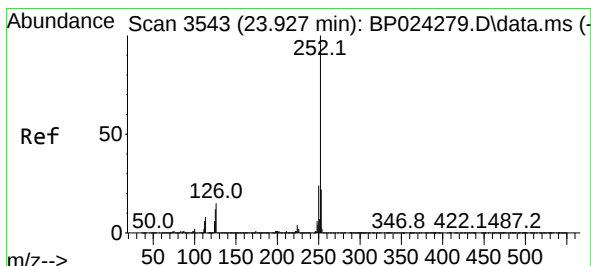
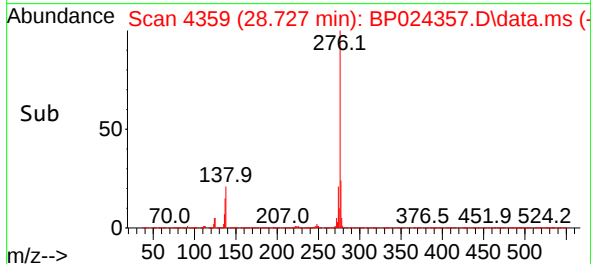
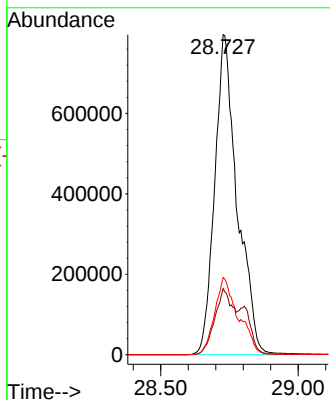
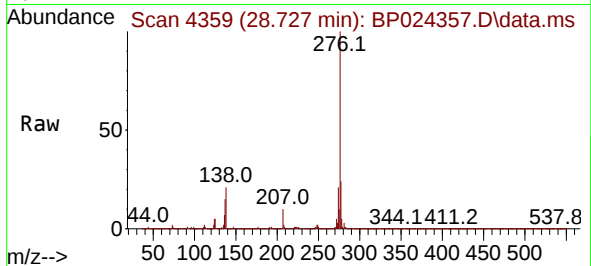




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.170 ng
RT: 28.727 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

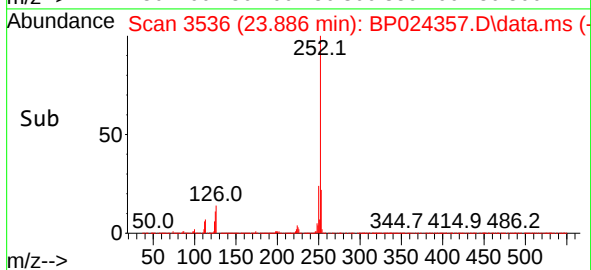
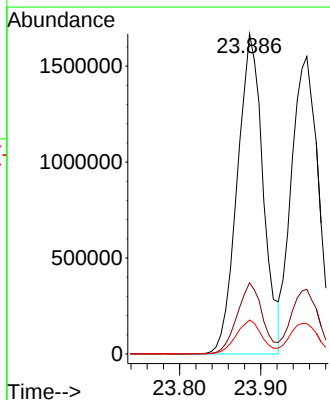
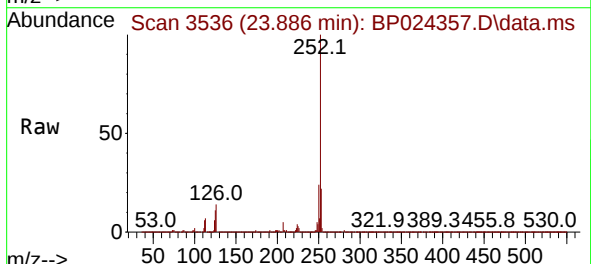
Instrument :
BNA_P
ClientSampleId :
PB167655BS

Tgt Ion:276 Resp: 4528077
Ion Ratio Lower Upper
276 100
138 16.6 14.5 21.7
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.580 ng
RT: 23.886 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:252 Resp: 3685382
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.6 9.4 14.0

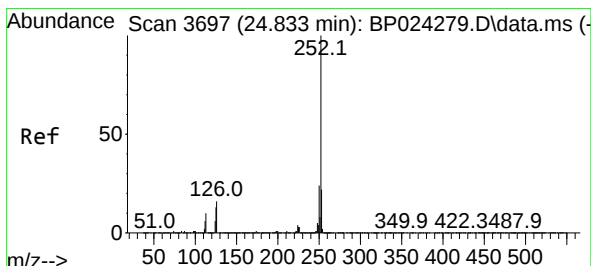
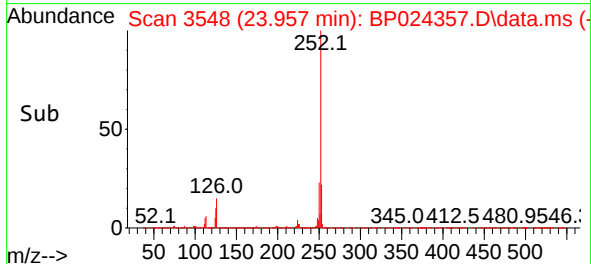
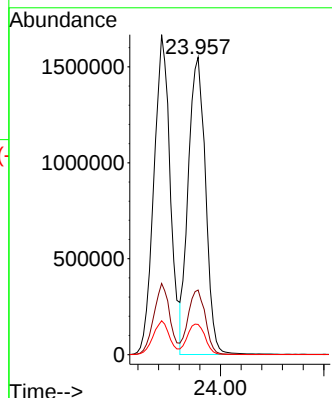
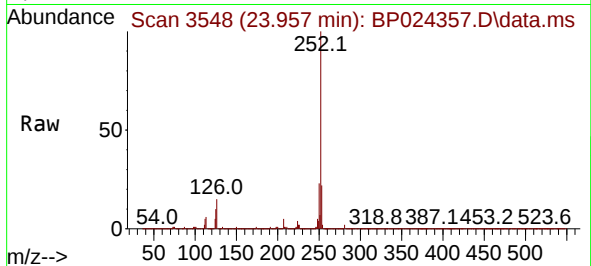




#89
Benzo(k)fluoranthene
Concen: 42.939 ng
RT: 23.957 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

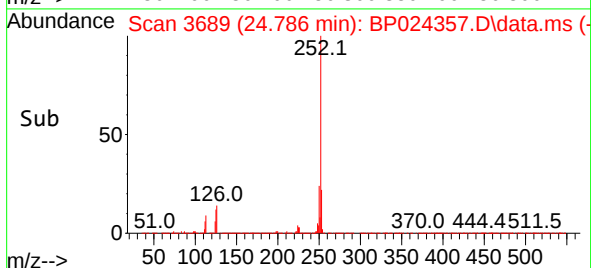
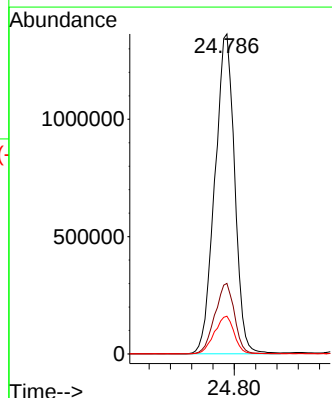
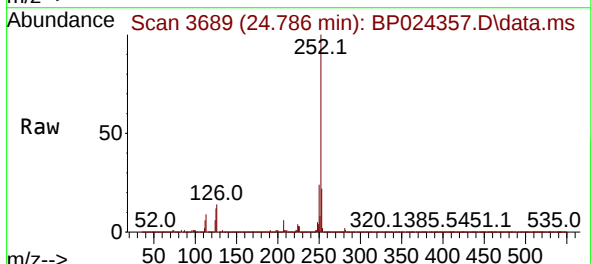
Instrument :
BNA_P
ClientSampleId :
PB167655BS

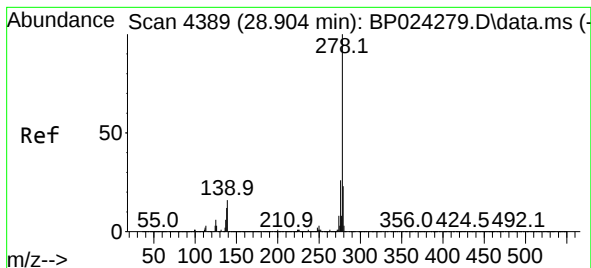
Tgt Ion:252 Resp: 3589841
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 47.037 ng
RT: 24.786 min Scan# 3689
Delta R.T. 0.006 min
Lab File: BP024357.D
Acq: 21 Apr 2025 11:29

Tgt Ion:252 Resp: 3511766
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.8 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 44.470 ng

RT: 28.803 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167655BS

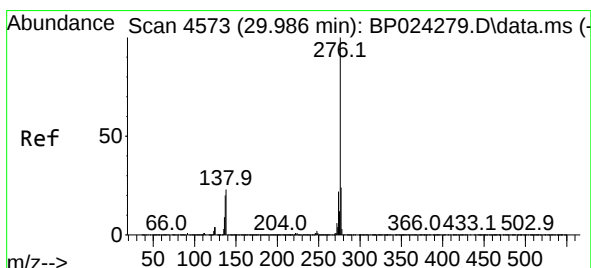
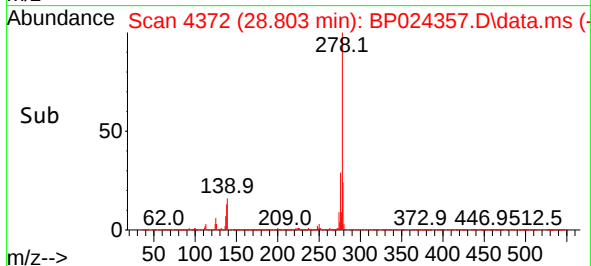
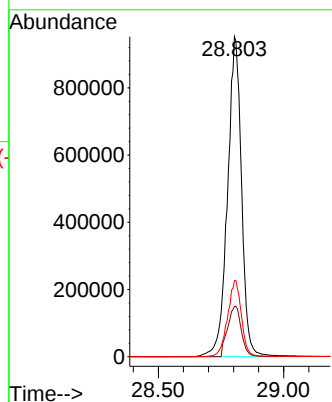
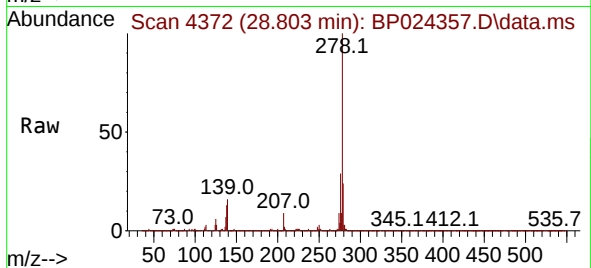
Tgt Ion:278 Resp: 3700201

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

279 23.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 24.480 ng

RT: 29.892 min Scan# 4557

Delta R.T. -0.006 min

Lab File: BP024357.D

Acq: 21 Apr 2025 11:29

Tgt Ion:276 Resp: 2073275

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 21.1 18.7 28.1

