

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024323.D
 Acq On : 17 Apr 2025 12:32
 Operator : RC/JU
 Sample : PB167564BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167564BSD

Quant Time: Apr 17 12:56:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	302883	20.000	ng	0.02
21) Naphthalene-d8	10.504	136	1314398	20.000	ng	0.02
39) Acenaphthene-d10	14.363	164	875504	20.000	ng	0.01
64) Phenanthrene-d10	17.157	188	1837449	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1940224	20.000	ng	0.00
86) Perylene-d12	24.945	264	1918974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2617757	142.905	ng	0.01
7) Phenol-d6	6.916	99	3442715	137.254	ng	0.02
23) Nitrobenzene-d5	8.881	82	2046050	88.762	ng	0.02
42) 2,4,6-Tribromophenol	15.875	330	1831246	151.179	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	4841796	84.675	ng	0.00
79) Terphenyl-d14	19.886	244	8693032	90.309	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	266140	34.349	ng	97
3) Pyridine	3.681	79	729195	35.641	ng	98
4) n-Nitrosodimethylamine	3.593	42	304169	44.796	ng	96
6) Aniline	7.069	93	977592	43.616	ng	100
8) 2-Chlorophenol	7.299	128	1025260	50.130	ng	100
9) Benzaldehyde	6.875	77	263741	21.257	ng	100
10) Phenol	6.940	94	1284161	51.036	ng	97
11) bis(2-Chloroethyl)ether	7.158	93	909275	44.852	ng	99
12) 1,3-Dichlorobenzene	7.616	146	982467	44.621	ng	99
13) 1,4-Dichlorobenzene	7.763	146	1007346	45.092	ng	99
14) 1,2-Dichlorobenzene	8.075	146	982429	45.542	ng	100
15) Benzyl Alcohol	7.969	79	828445	51.072	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1038203	47.378	ng	100
17) 2-Methylphenol	8.169	107	881157	54.134	ng	98
18) Hexachloroethane	8.793	117	375219	46.475	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	718298	46.289	ng	99
20) 3+4-Methylphenols	8.493	107	1206984	53.441	ng	99
22) Acetophenone	8.546	105	1455151	44.730	ng	100
24) Nitrobenzene	8.922	77	1045345	45.842	ng	100
25) Isophorone	9.440	82	2080987	49.875	ng	100
26) 2-Nitrophenol	9.622	139	557908	49.995	ng	99
27) 2,4-Dimethylphenol	9.687	122	1003038	71.584	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	1315176	46.660	ng	99
29) 2,4-Dichlorophenol	10.163	162	998582	52.267	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	938774	45.861	ng	99
31) Naphthalene	10.557	128	3017816	43.586	ng	99
32) Benzoic acid	9.857	122	808779	49.536	ng	98
33) 4-Chloroaniline	10.657	127	484538	19.872	ng	99
34) Hexachlorobutadiene	10.840	225	555424	46.175	ng	99
35) Caprolactam	11.469	113	224495	31.846	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	1170976	52.620	ng	99
37) 2-Methylnaphthalene	12.163	142	1971746	41.063	ng	98
38) 1-Methylnaphthalene	12.387	142	2095327	44.606	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1066625	44.301	ng	99
41) Hexachlorocyclopentadiene	12.522	237	1464235	171.955	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	808151	50.486	ng	97

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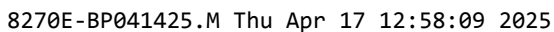
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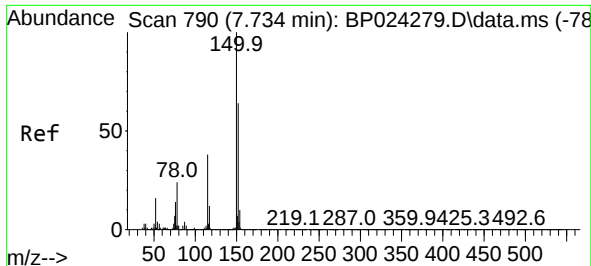
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	913031	51.508	ng	99
46) 1,1'-Biphenyl	13.181	154	2841421	44.153	ng	99
47) 2-Chloronaphthalene	13.228	162	2163828	44.988	ng	99
48) 2-Nitroaniline	13.434	65	698909	51.804	ng	99
49) Acenaphthylene	14.081	152	3739262	49.379	ng	100
50) Dimethylphthalate	13.822	163	3042218	47.782	ng	99
51) 2,6-Dinitrotoluene	13.934	165	686987	50.813	ng	97
52) Acenaphthene	14.428	154	2121498	44.191	ng	100
53) 3-Nitroaniline	14.269	138	434239	30.560	ng	98
54) 2,4-Dinitrophenol	14.487	184	930798	116.879	ng	100
55) Dibenzofuran	14.763	168	3422328	43.612	ng	99
56) 4-Nitrophenol	14.598	139	1367153	111.403	ng	98
57) 2,4-Dinitrotoluene	14.740	165	985672	53.445	ng	97
58) Fluorene	15.428	166	2815136	46.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	819400	50.120	ng	99
60) Diethylphthalate	15.198	149	3121191	47.571	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	1380633	46.802	ng	99
62) 4-Nitroaniline	15.451	138	757647	50.367	ng	96
63) Azobenzene	15.716	77	2779156	46.085	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	590845	51.003	ng	99
66) n-Nitrosodiphenylamine	15.639	169	2553196	46.554	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	955330	47.539	ng	98
68) Hexachlorobenzene	16.445	284	1138569	47.680	ng	98
69) Atrazine	16.622	200	948667	67.916	ng	99
70) Pentachlorophenol	16.804	266	1667730	100.110	ng	98
71) Phenanthrene	17.204	178	4526959	45.162	ng	100
72) Anthracene	17.292	178	4645447	48.085	ng	99
73) Carbazole	17.581	167	4558890	48.296	ng	99
74) Di-n-butylphthalate	18.169	149	5765574	49.026	ng	100
75) Fluoranthene	19.292	202	5545317	46.515	ng	99
77) Benzidine	19.486	184	1998211	81.248	ng	100
78) Pyrene	19.669	202	5661848	45.918	ng	100
80) Butylbenzylphthalate	20.616	149	2712595	51.361	ng	96
81) Benzo(a)anthracene	21.580	228	5744445	47.634	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	1340459	31.668	ng	100
83) Chrysene	21.651	228	5299827	45.871	ng	100
84) Bis(2-ethylhexyl)phtha...	21.522	149	3796363	49.034	ng	99
85) Di-n-octyl phthalate	22.798	149	6244844	49.614	ng	99
87) Indeno(1,2,3-cd)pyrene	28.756	276	5581645	41.897	ng	94
88) Benzo(b)fluoranthene	23.898	252	5657100	49.181	ng	99
89) Benzo(k)fluoranthene	23.968	252	5487531	49.389	ng	100
90) Benzo(a)pyrene	24.792	252	5161830	52.024	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	4627739	41.850	ng	99
92) Benzo(g,h,i)perylene	29.927	276	4356459	38.705	ng	99

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

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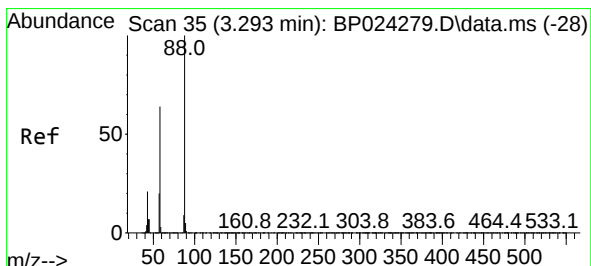
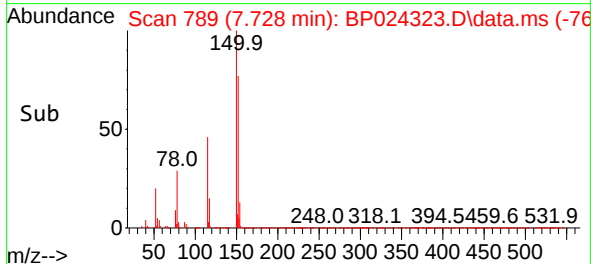
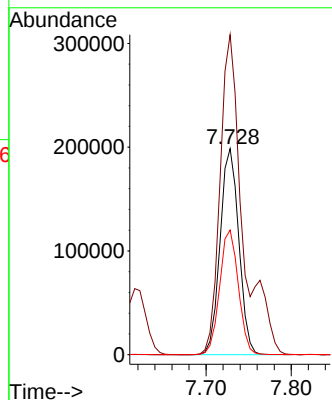
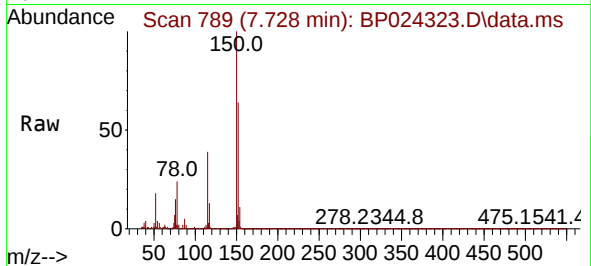




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. 0.020 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

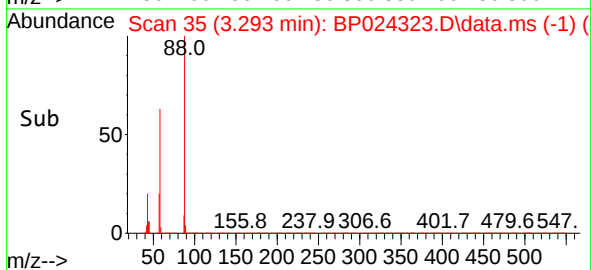
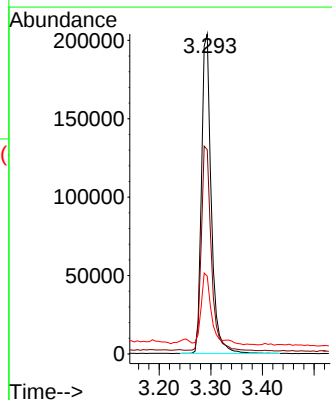
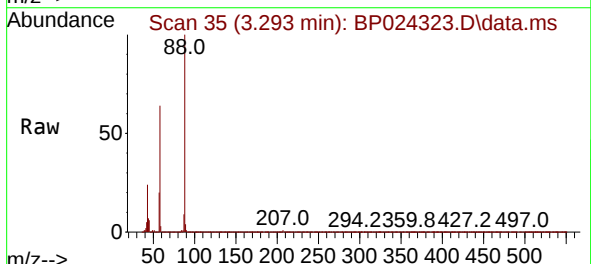
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 PB167564BSD

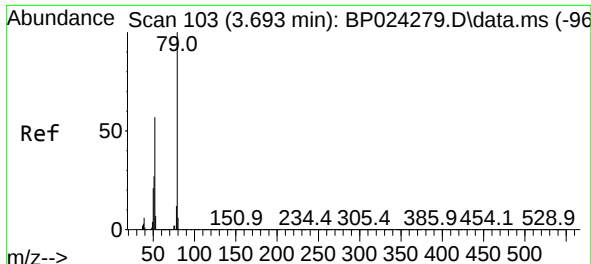
Tgt Ion:152 Resp: 302883
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.9 187.3
 115 60.5 47.7 71.5



#2
 1,4-Dioxane
 Concen: 34.349 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.020 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Tgt Ion: 88 Resp: 266140
 Ion Ratio Lower Upper
 88 100
 58 65.6 51.4 77.2
 43 24.2 17.1 25.7

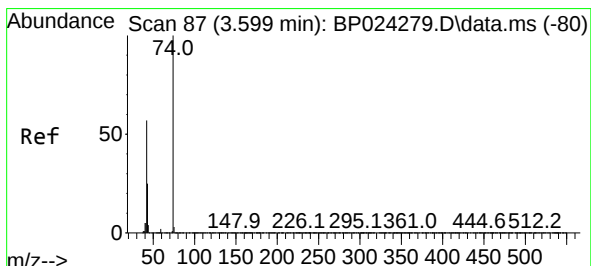
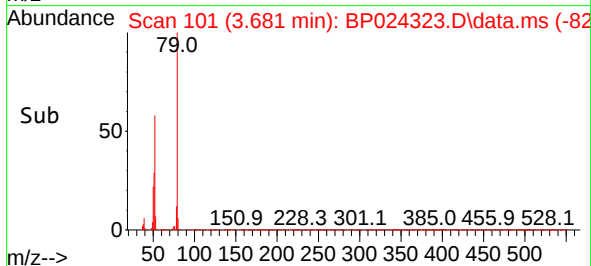
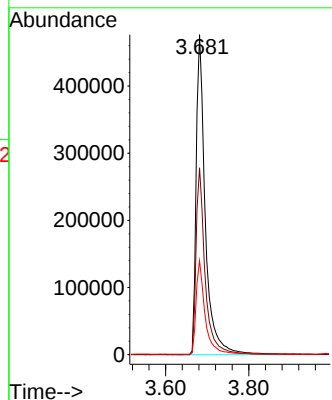
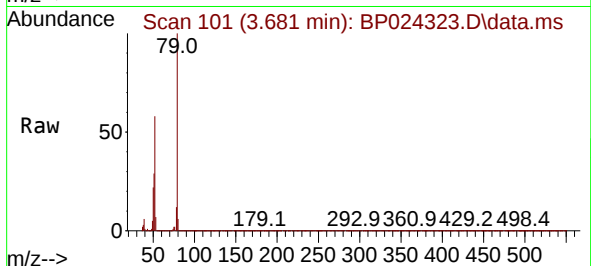




#3
 Pyridine
 Concen: 35.641 ng
 RT: 3.681 min Scan# 101
 Delta R.T. 0.014 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

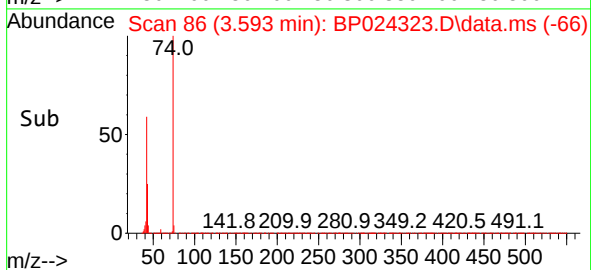
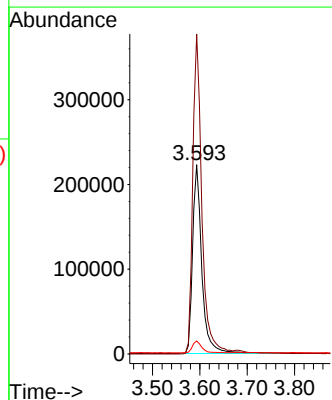
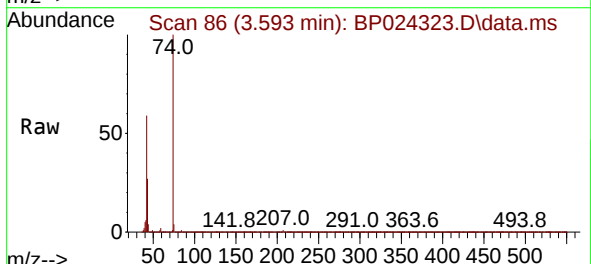
Instrument :
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 ClientSampleId :
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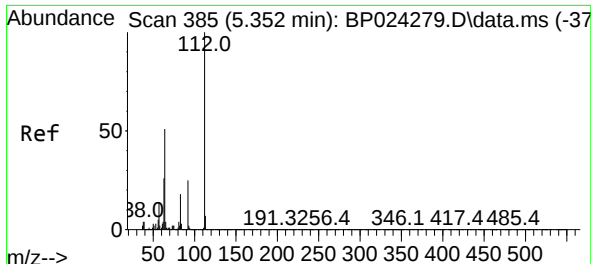
Tgt Ion: 79 Resp: 729195
 Ion Ratio Lower Upper
 79 100
 52 58.4 45.4 68.2
 51 29.4 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 44.796 ng
 RT: 3.593 min Scan# 86
 Delta R.T. 0.020 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Tgt Ion: 42 Resp: 304169
 Ion Ratio Lower Upper
 42 100
 74 169.1 139.5 209.3
 44 6.8 5.8 8.8

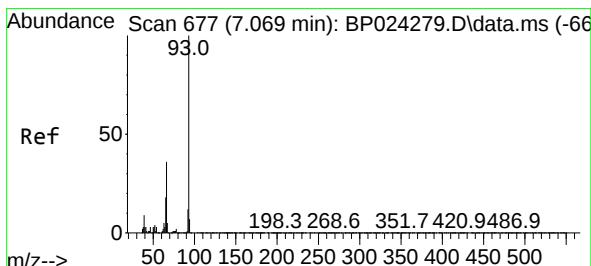
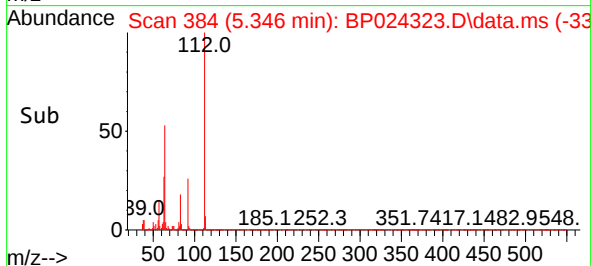
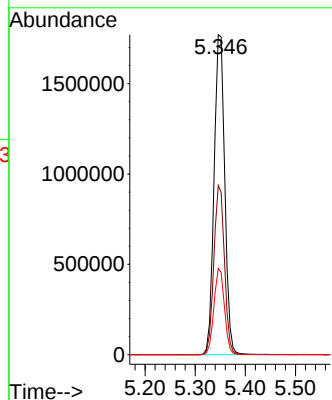
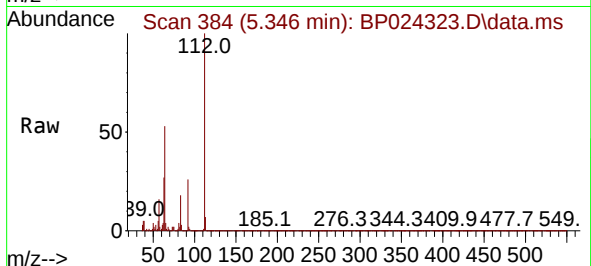




#5
2-Fluorophenol
Concen: 142.905 ng
RT: 5.346 min Scan# 385
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

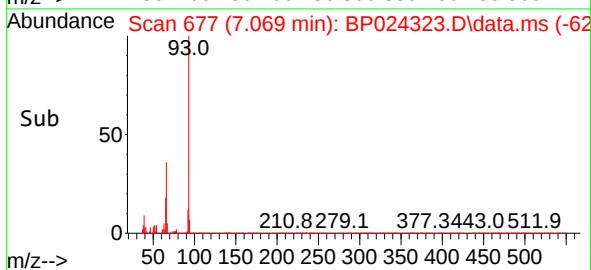
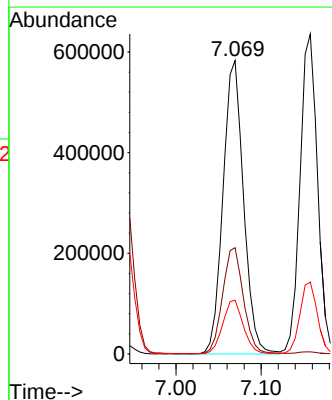
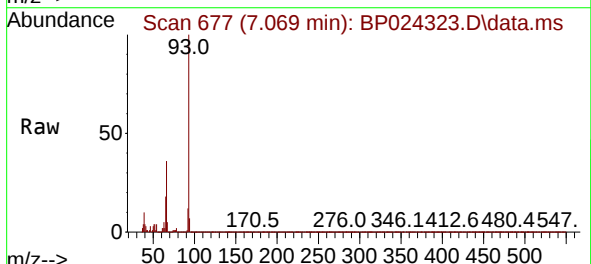
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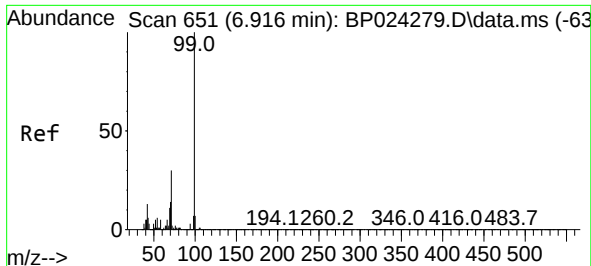
Tgt Ion:112 Resp: 2617757
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 27.0 20.6 30.8



#6
Aniline
Concen: 43.616 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 93 Resp: 977592
Ion Ratio Lower Upper
93 100
66 36.2 29.1 43.7
65 18.3 14.7 22.1

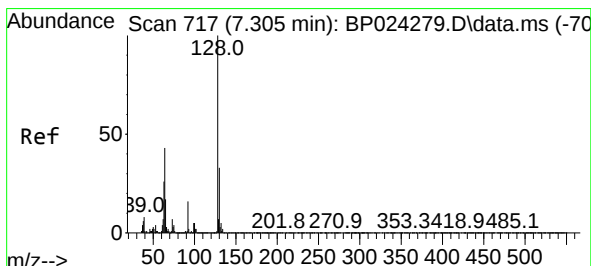
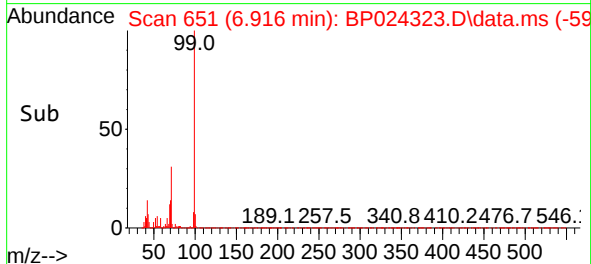
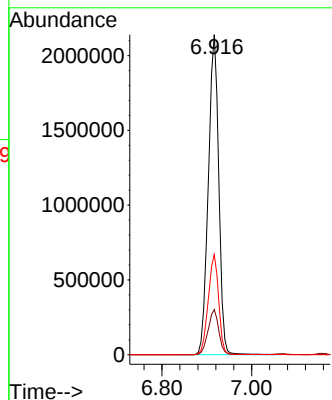
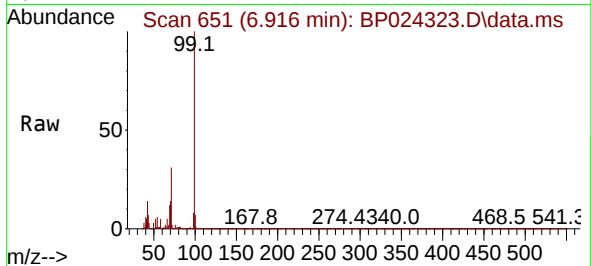




#7
Phenol-d6
Concen: 137.254 ng
RT: 6.916 min Scan# 611
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

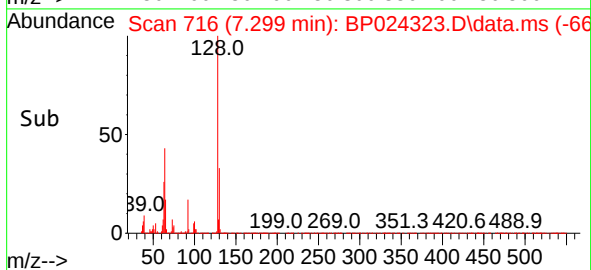
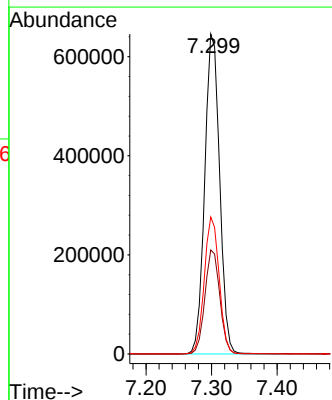
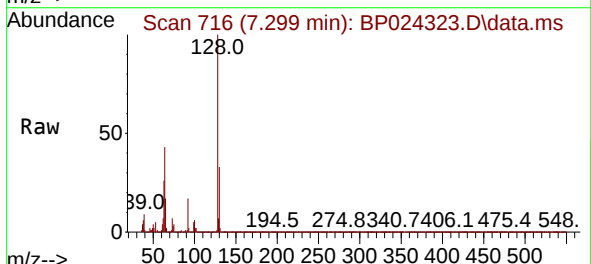
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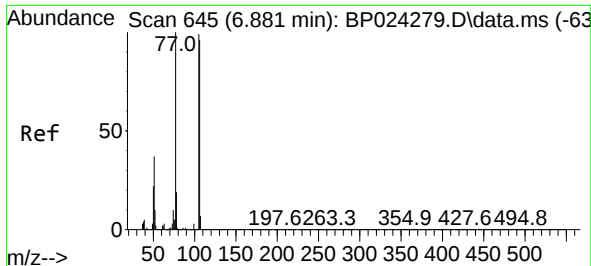
Tgt Ion: 99 Resp: 3442715
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 31.3 23.7 35.5



#8
2-Chlorophenol
Concen: 50.130 ng
RT: 7.299 min Scan# 716
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:128 Resp: 1025260
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 42.8 22.7 62.7

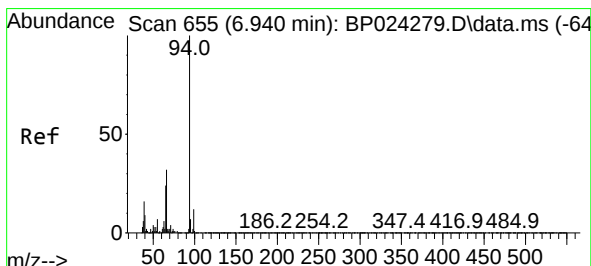
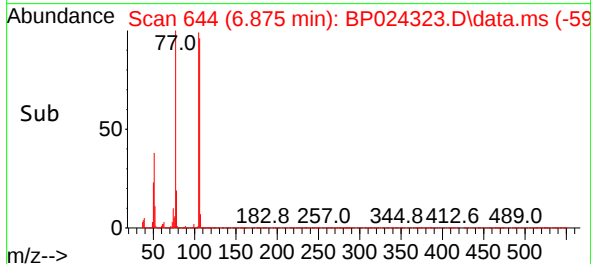
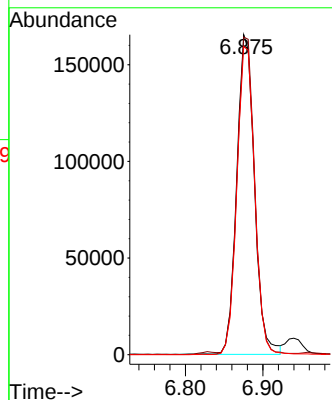
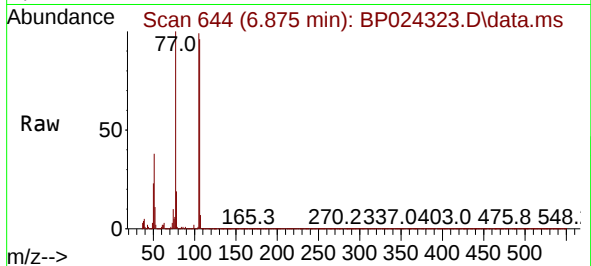




#9
Benzaldehyde
Concen: 21.257 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

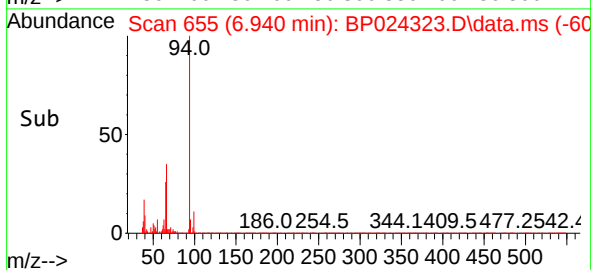
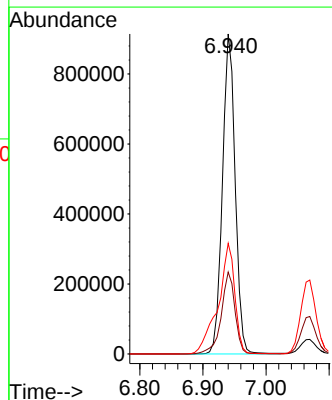
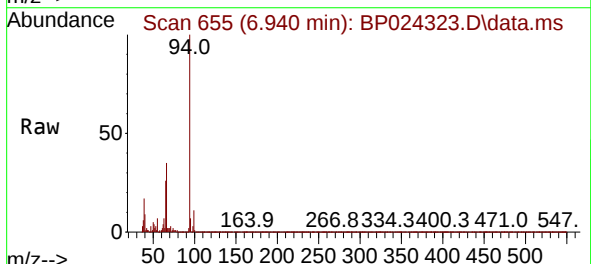
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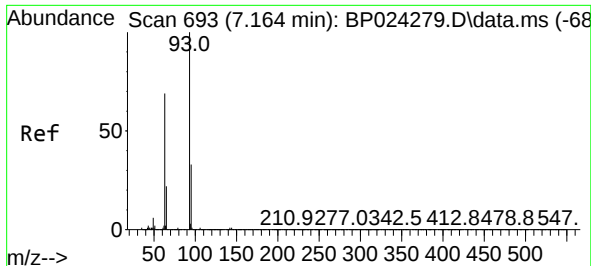
Tgt Ion: 77 Resp: 263741
Ion Ratio Lower Upper
77 100
105 99.2 79.2 119.2
106 96.3 76.2 116.2



#10
Phenol
Concen: 51.036 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 94 Resp: 1284161
Ion Ratio Lower Upper
94 100
65 25.6 4.5 44.5
66 34.5 12.4 52.4

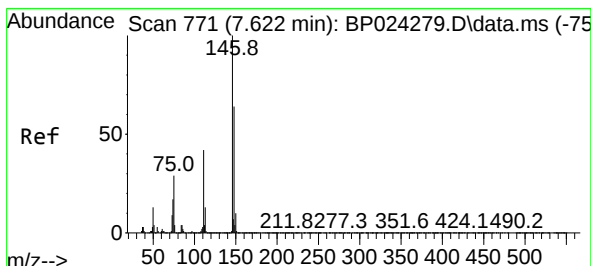
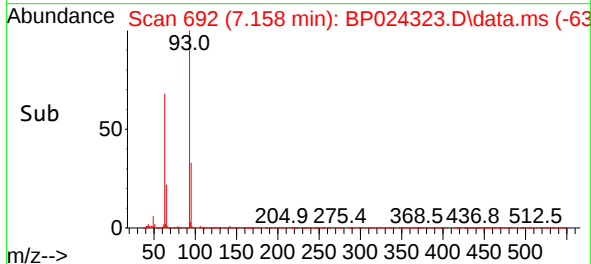
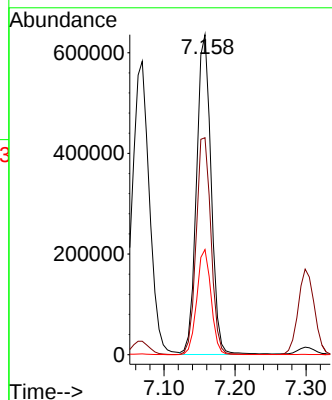
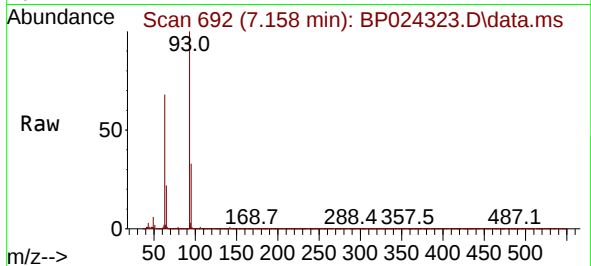




#11
bis(2-Chloroethyl)ether
Concen: 44.852 ng
RT: 7.158 min Scan# 693
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

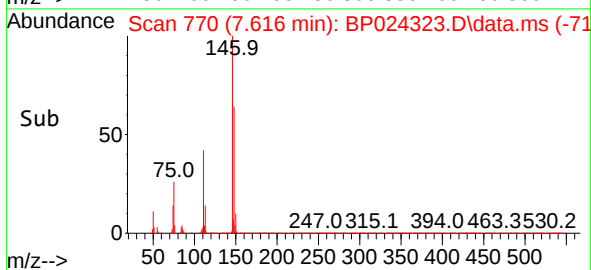
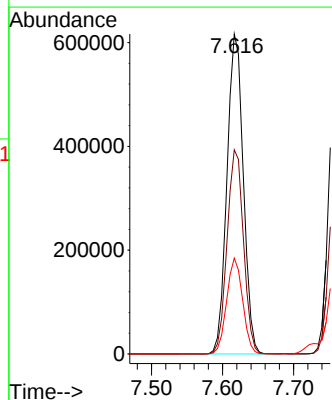
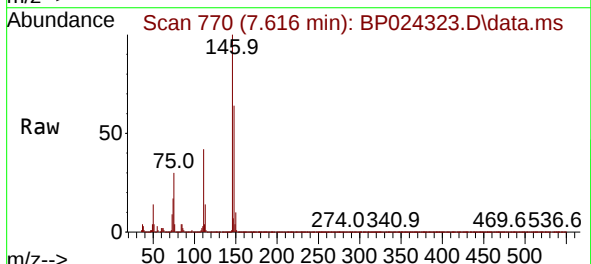
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

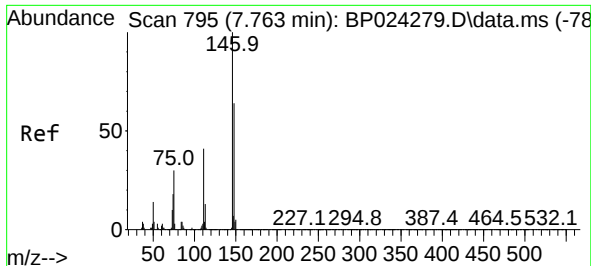
Tgt Ion: 93 Resp: 909275
Ion Ratio Lower Upper
93 100
63 67.8 48.6 88.6
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.621 ng
RT: 7.616 min Scan# 770
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 146 Resp: 982467
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 30.0 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 45.092 ng

RT: 7.763 min Scan# 795

Delta R.T. 0.020 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

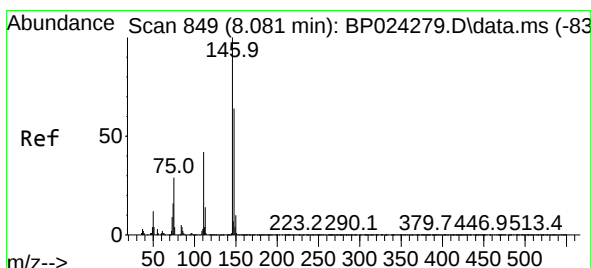
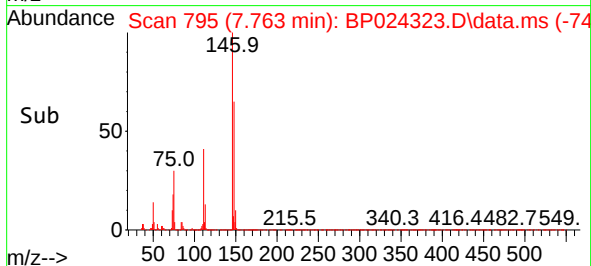
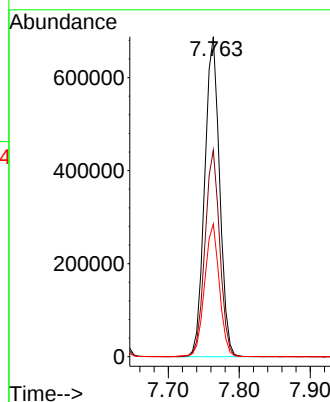
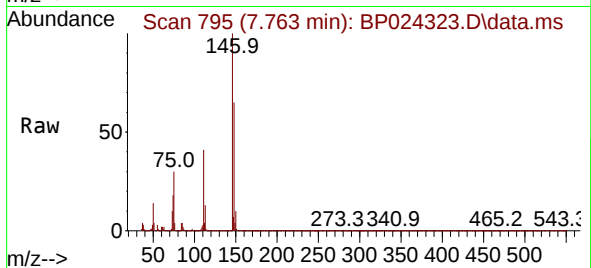
Tgt Ion:146 Resp: 1007346

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 41.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 45.542 ng

RT: 8.075 min Scan# 848

Delta R.T. 0.020 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

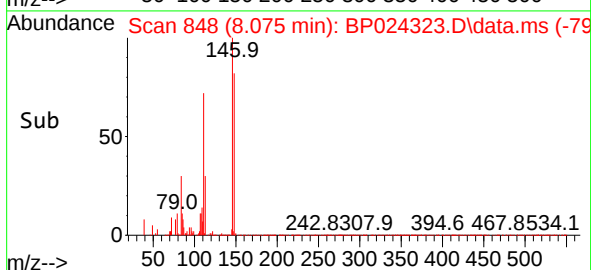
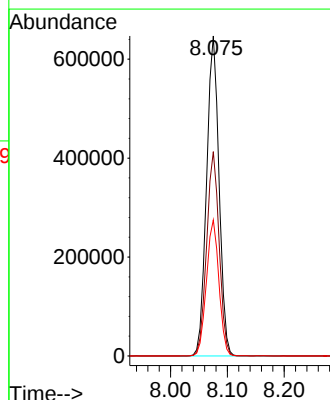
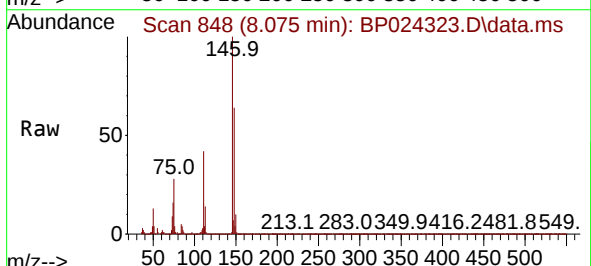
Tgt Ion:146 Resp: 982429

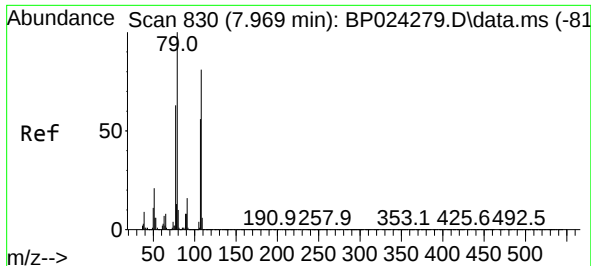
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 42.5 33.8 50.8

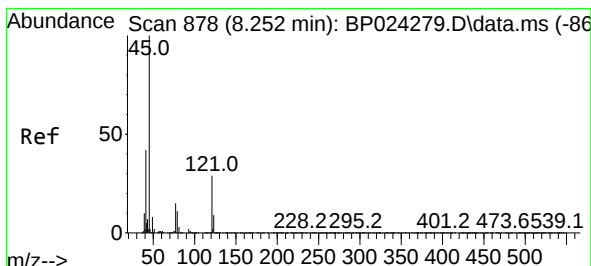
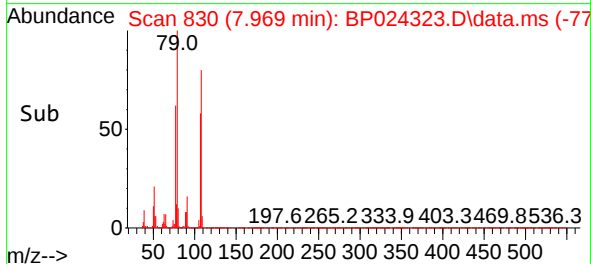
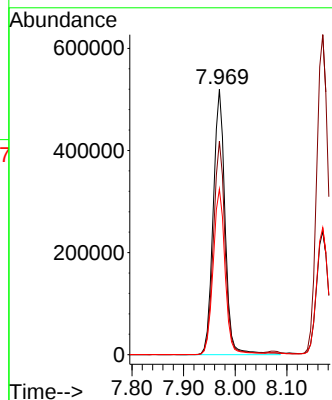
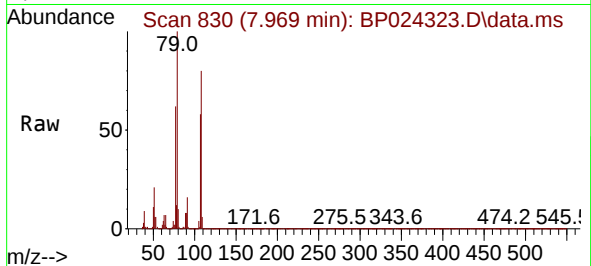




#15
Benzyl Alcohol
Concen: 51.072 ng
RT: 7.969 min Scan# 811
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

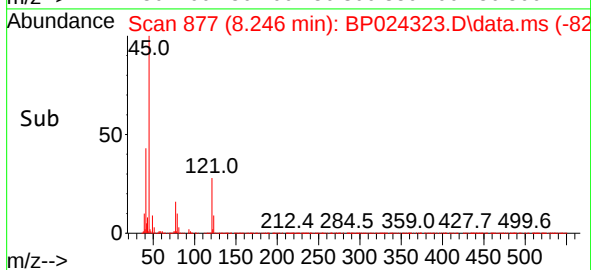
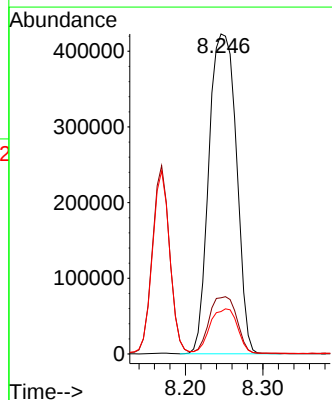
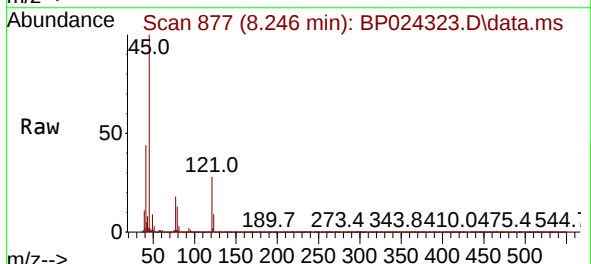
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

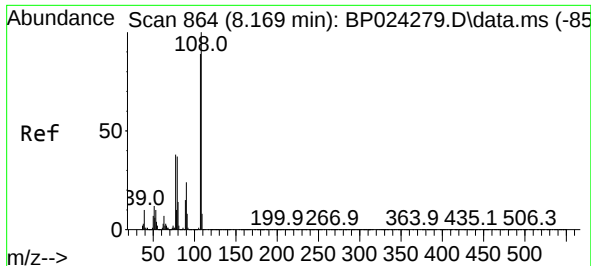
Tgt Ion: 79 Resp: 828445
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 62.4 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.378 ng
RT: 8.246 min Scan# 877
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 45 Resp: 1038203
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 13.3 0.0 33.5

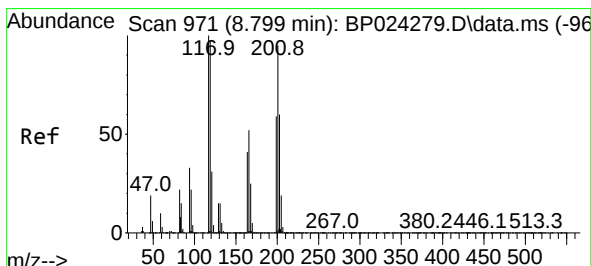
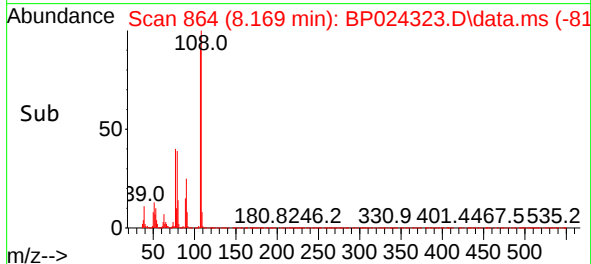
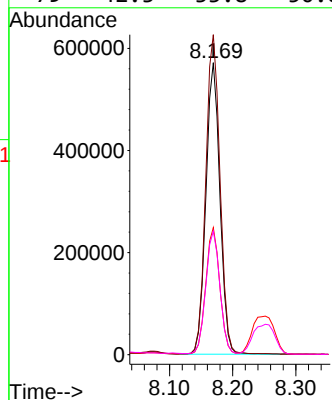
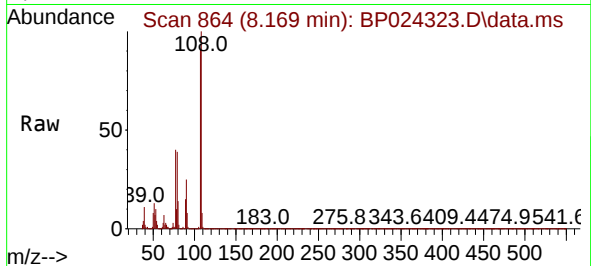




#17
2-Methylphenol
Concen: 54.134 ng
RT: 8.169 min Scan# 80
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

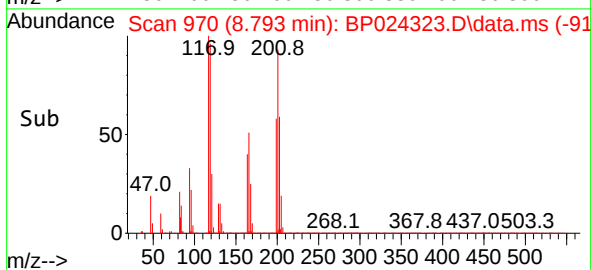
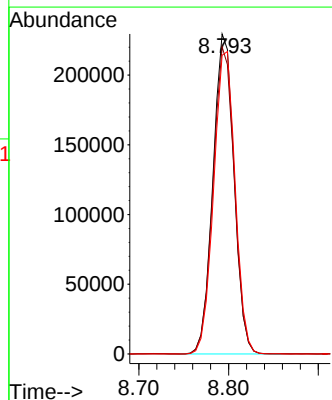
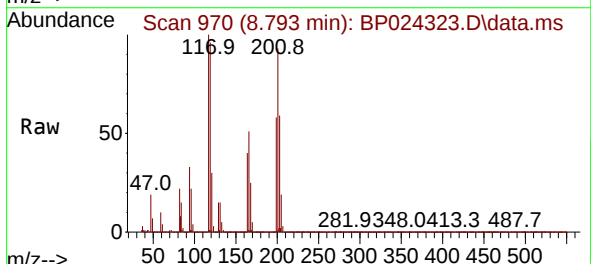
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

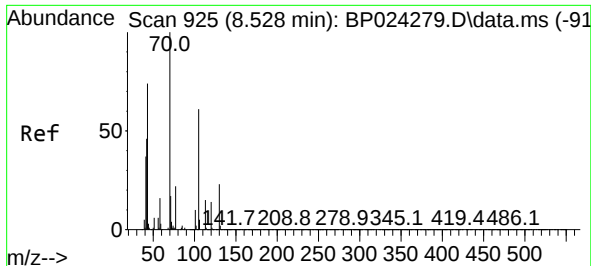
Tgt Ion:	107	Resp:	881157
Ion	Ratio	Lower	Upper
107	100		
108	109.6	89.8	134.6
77	43.5	34.2	51.4
79	42.3	33.8	50.8



#18
Hexachloroethane
Concen: 46.475 ng
RT: 8.793 min Scan# 970
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:	117	Resp:	375219
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.6
201	93.4	75.9	113.9



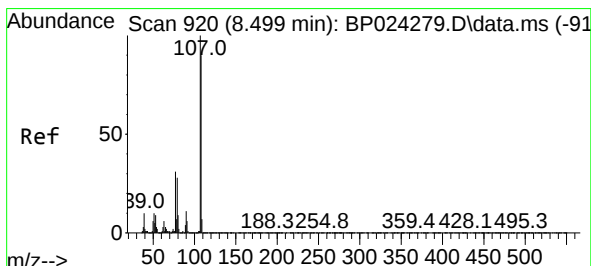
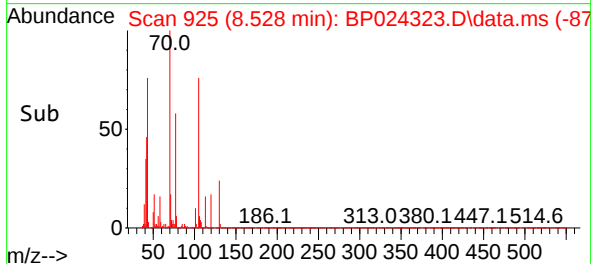
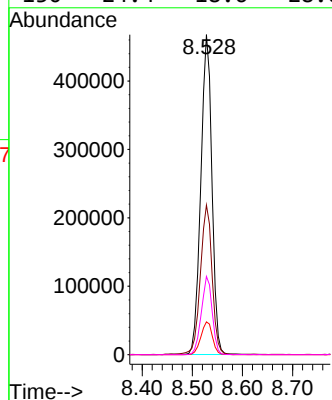
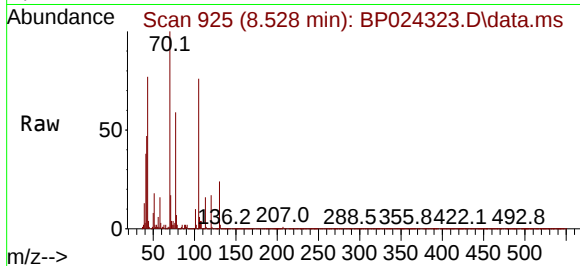


#19
n-Nitroso-di-n-propylamine
Concen: 46.289 ng
RT: 8.528 min Scan# 919
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Tgt Ion: 70 Resp: 718298

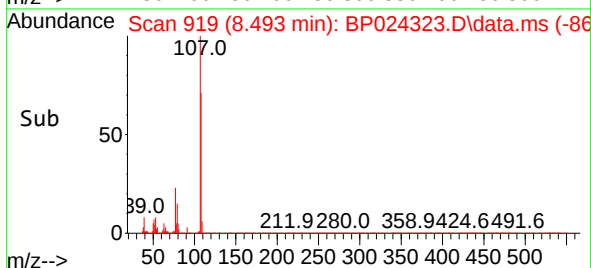
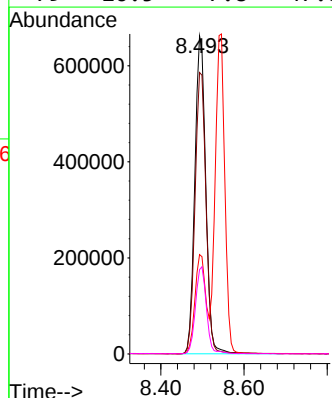
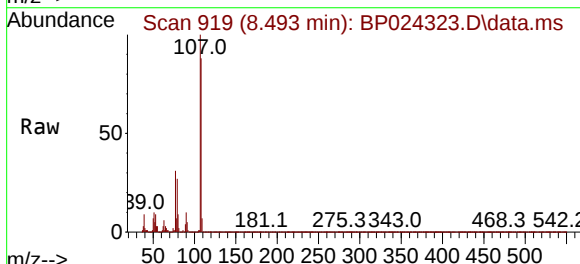
Ion	Ratio	Lower	Upper
70	100		
42	46.7	37.3	55.9
101	10.2	8.2	12.4
130	24.4	18.6	28.0

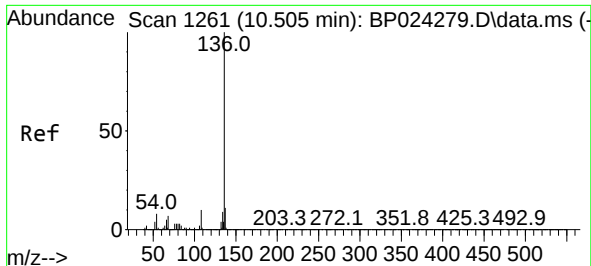


#20
3+4-Methylphenols
Concen: 53.441 ng
RT: 8.493 min Scan# 919
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 107 Resp: 1206984

Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.8	109.8
77	31.3	11.5	51.5
79	26.5	7.8	47.8



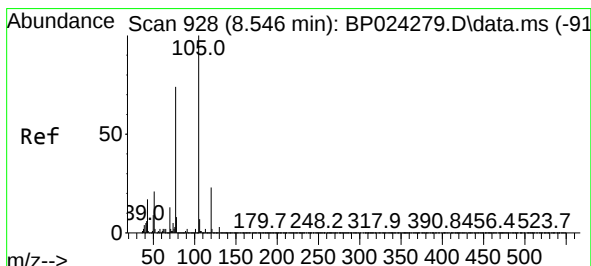
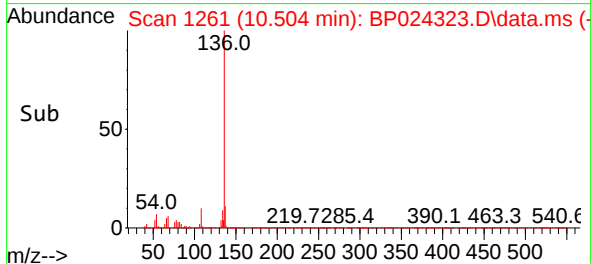
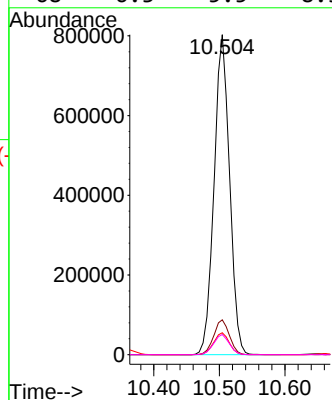
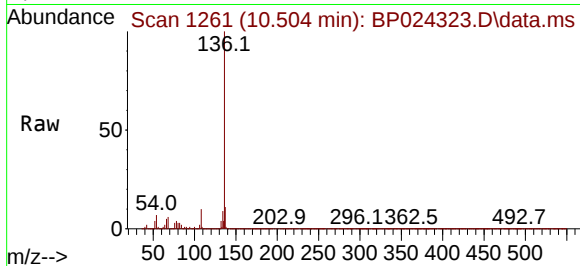


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Tgt Ion:136 Resp: 1314398

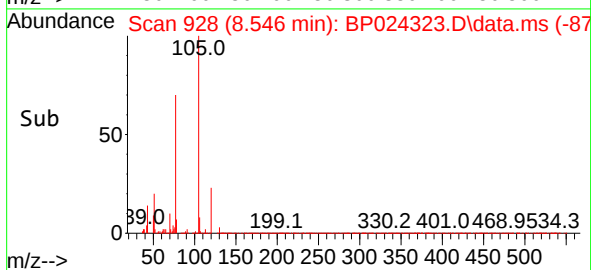
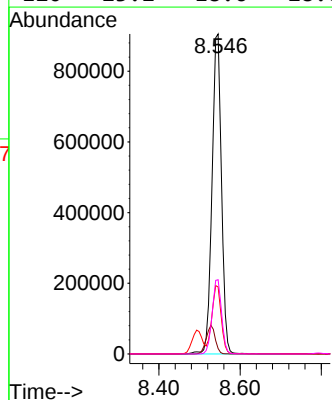
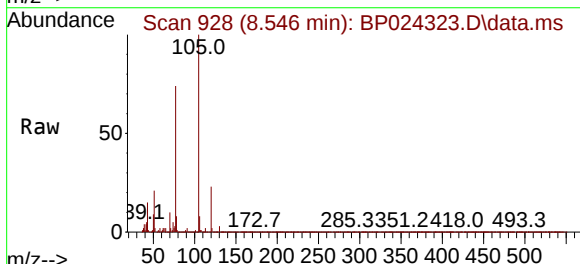
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.9	6.0	9.0
68	6.3	5.5	8.3

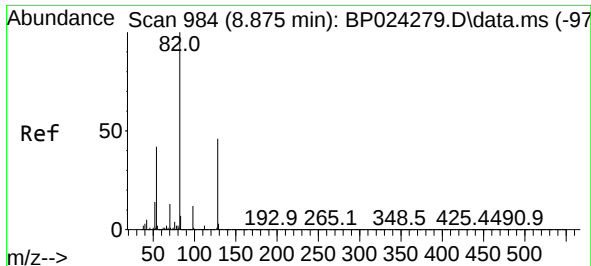


#22
Acetophenone
Concen: 44.730 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:105 Resp: 1455151

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5
51	21.0	16.9	25.3
120	23.2	18.6	28.0

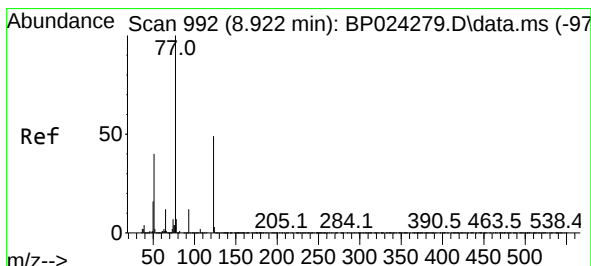
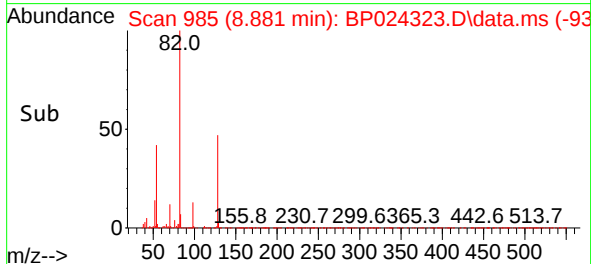
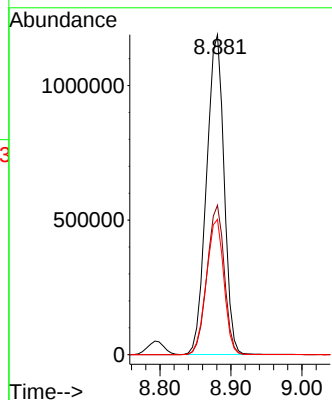
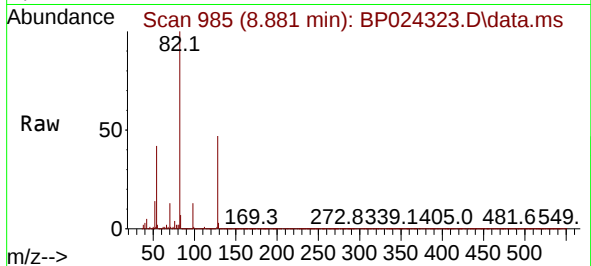




#23
Nitrobenzene-d5
Concen: 88.762 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

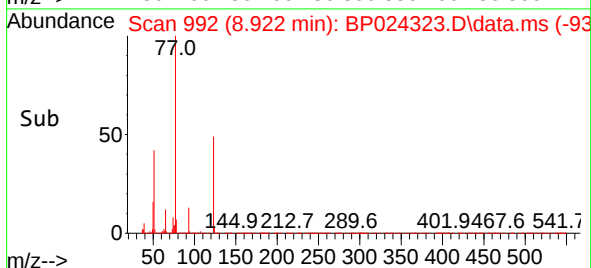
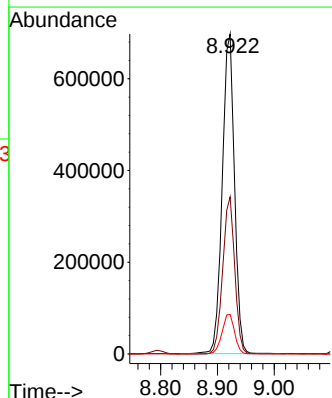
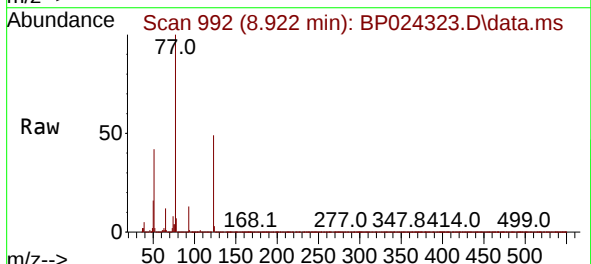
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

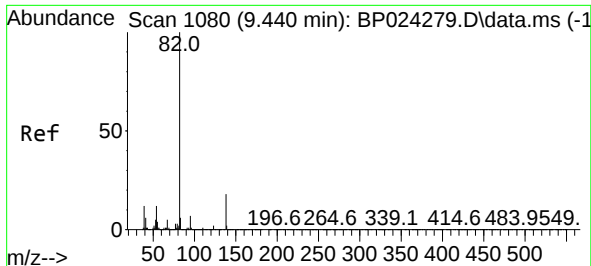
Tgt Ion: 82 Resp: 2046050
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 42.3 33.4 50.2



#24
Nitrobenzene
Concen: 45.842 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 77 Resp: 1045345
Ion Ratio Lower Upper
77 100
123 49.1 39.2 58.8
65 12.4 9.8 14.6

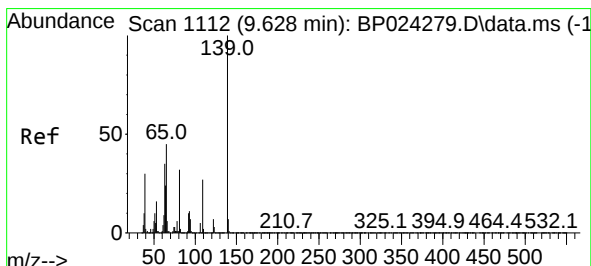
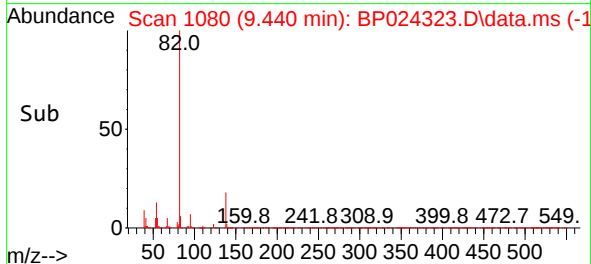
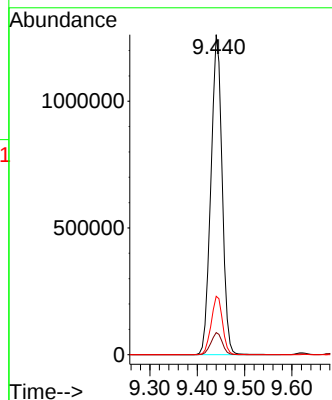
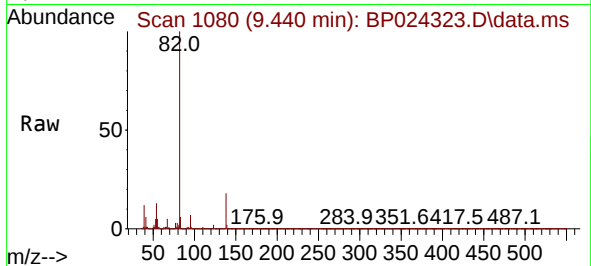




#25
Isophorone
Concen: 49.875 ng
RT: 9.440 min Scan# 1080
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

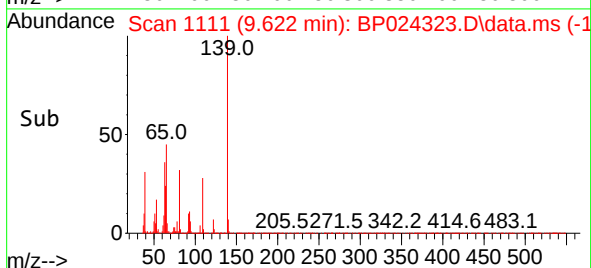
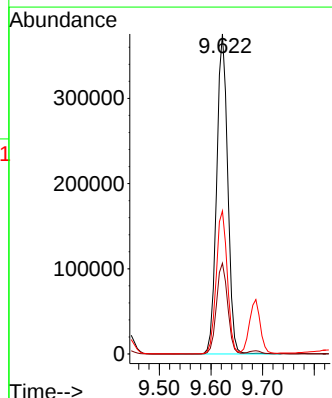
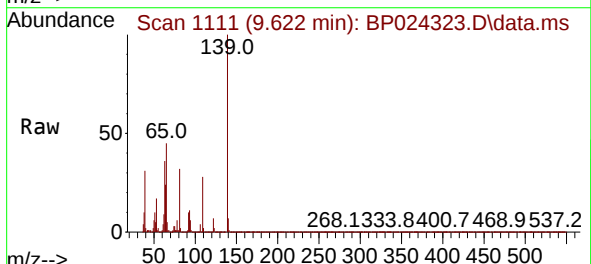
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

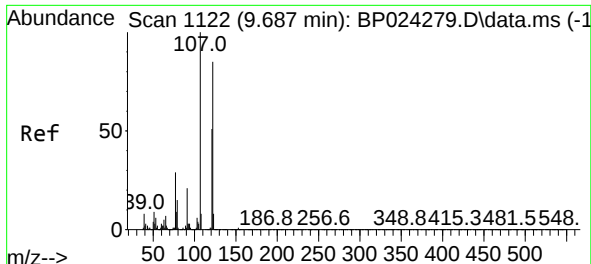
Tgt Ion: 82 Resp: 2080987
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.2 14.4 21.6



#26
2-Nitrophenol
Concen: 49.995 ng
RT: 9.622 min Scan# 1111
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 139 Resp: 557908
Ion Ratio Lower Upper
139 100
109 28.3 21.8 32.6
65 44.7 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 71.584 ng

RT: 9.687 min Scan# 1122

Delta R.T. 0.014 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

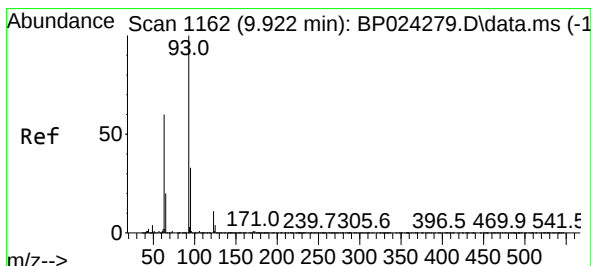
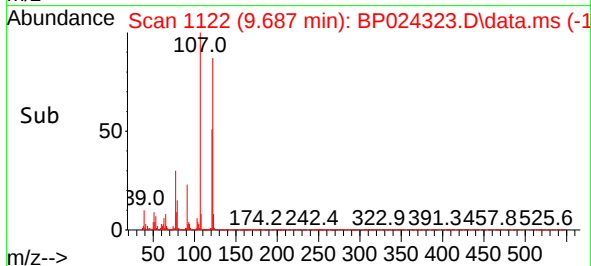
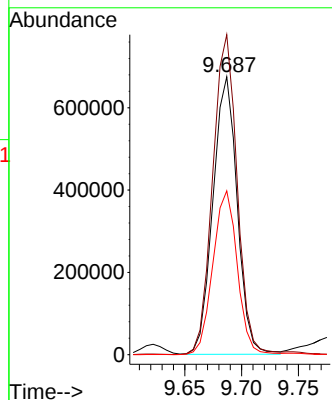
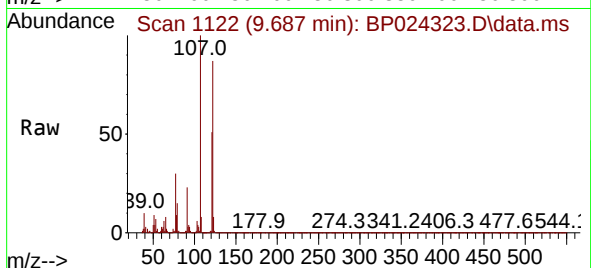
Tgt Ion:122 Resp: 1003038

Ion Ratio Lower Upper

122 100

107 115.1 93.7 140.5

121 59.0 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 46.660 ng

RT: 9.916 min Scan# 1161

Delta R.T. 0.014 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

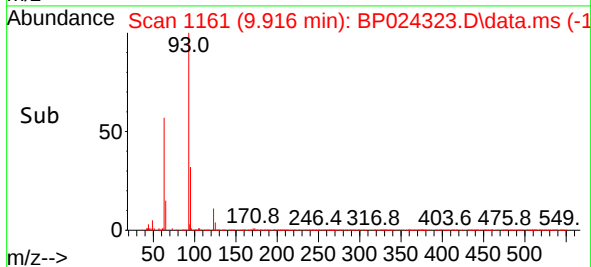
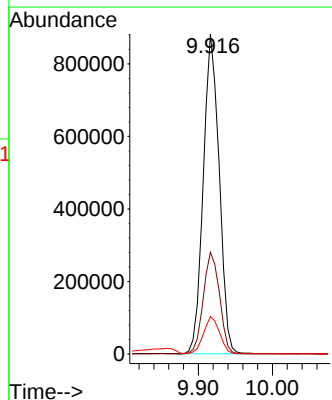
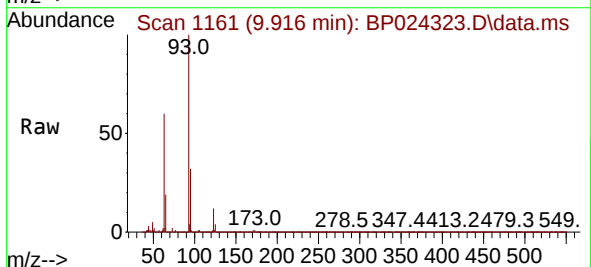
Tgt Ion: 93 Resp: 1315176

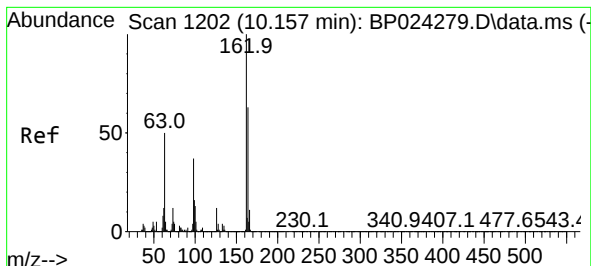
Ion Ratio Lower Upper

93 100

95 31.8 26.0 39.0

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.267 ng

RT: 10.163 min Scan# 1202

Delta R.T. 0.026 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

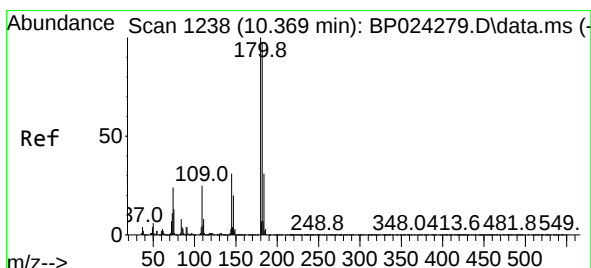
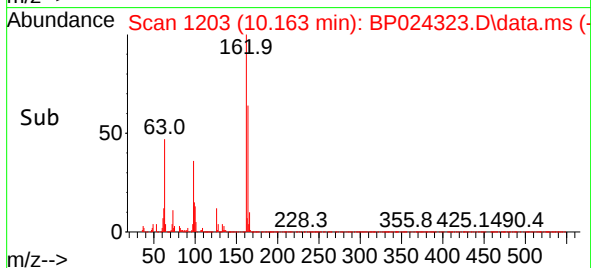
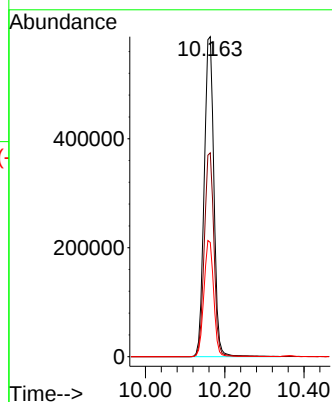
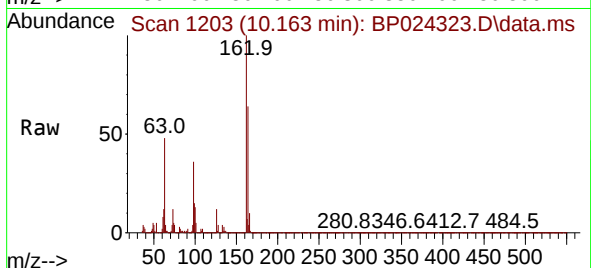
Tgt Ion:162 Resp: 998582

Ion Ratio Lower Upper

162 100

164 63.7 43.3 83.3

98 35.7 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 45.861 ng

RT: 10.363 min Scan# 1237

Delta R.T. 0.014 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

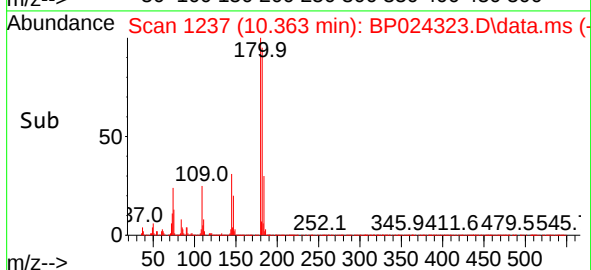
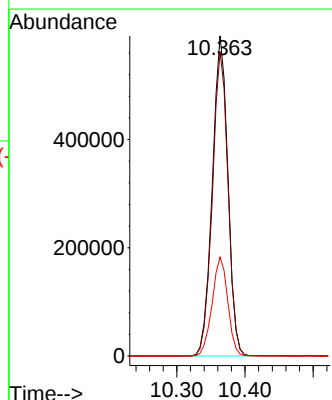
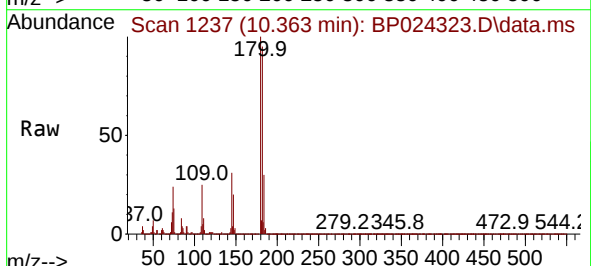
Tgt Ion:180 Resp: 938774

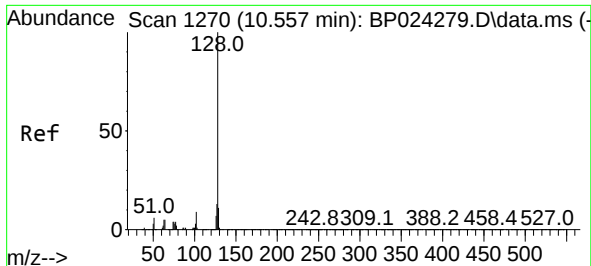
Ion Ratio Lower Upper

180 100

182 95.2 77.3 115.9

145 30.9 25.1 37.7

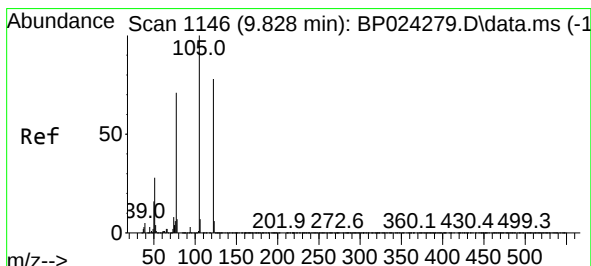
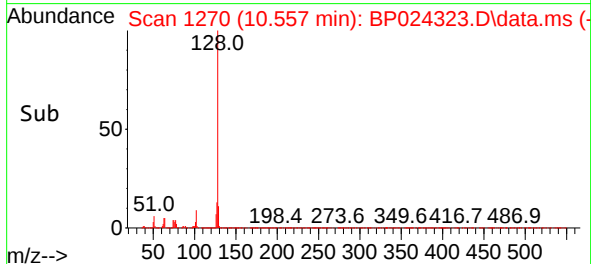
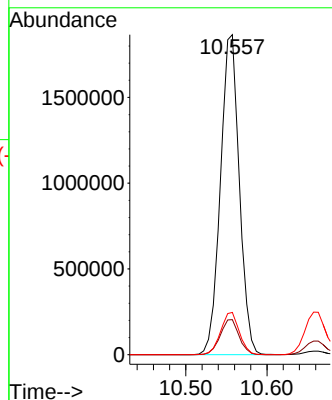
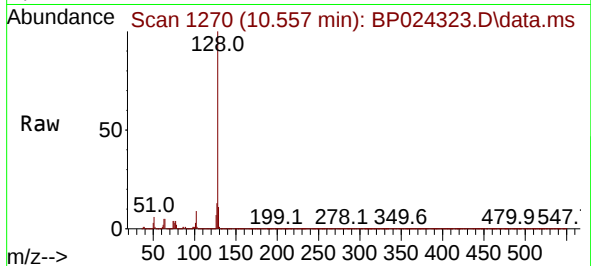




#31
Naphthalene
Concen: 43.586 ng
RT: 10.557 min Scan# 1115
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

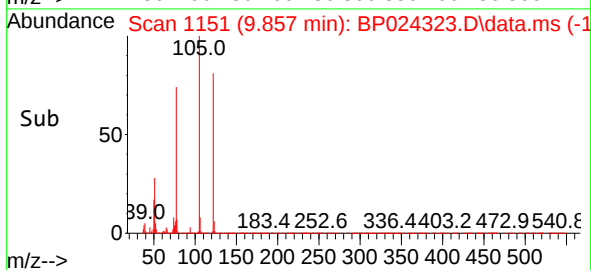
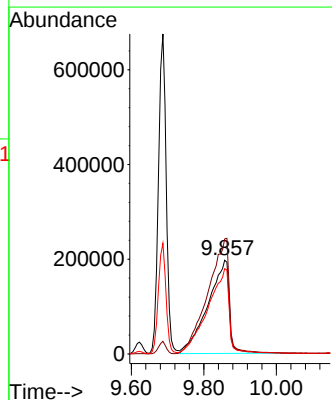
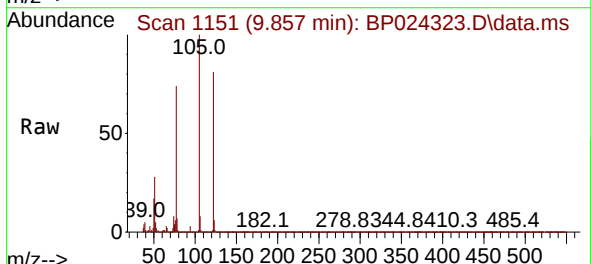
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

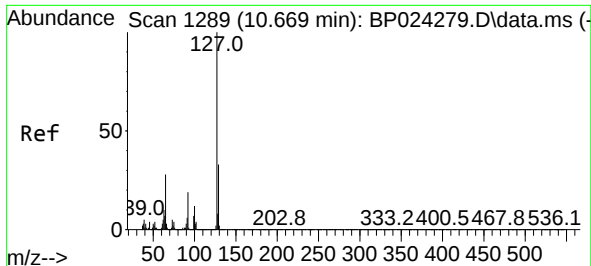
Tgt Ion:128 Resp: 3017816
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 49.536 ng
RT: 9.857 min Scan# 1151
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:122 Resp: 808779
Ion Ratio Lower Upper
122 100
105 122.8 104.8 144.8
77 91.1 69.2 109.2

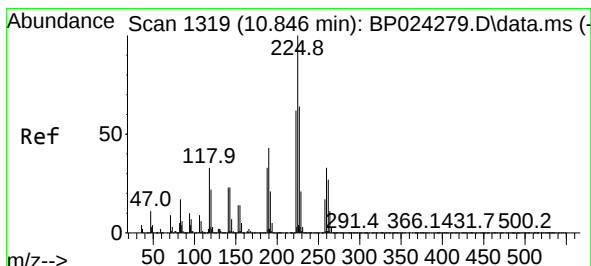
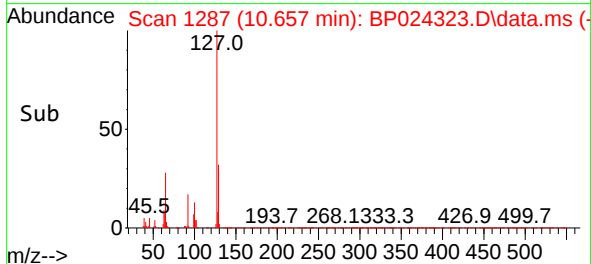
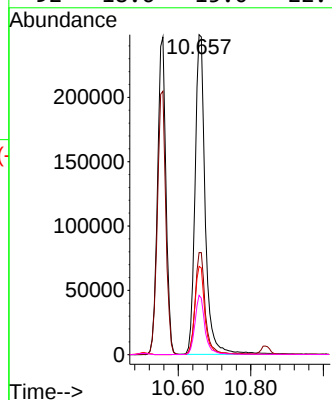
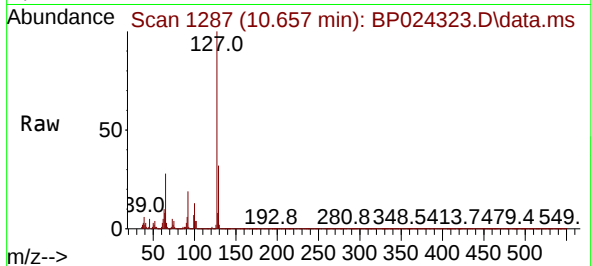




#33
4-Chloroaniline
Concen: 19.872 ng
RT: 10.657 min Scan# 11
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

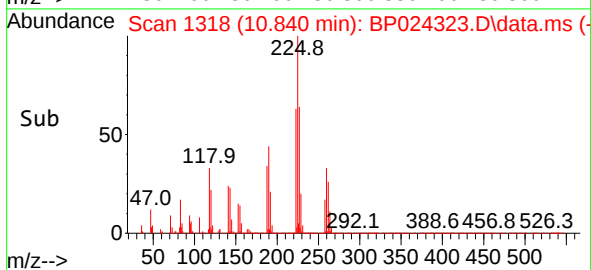
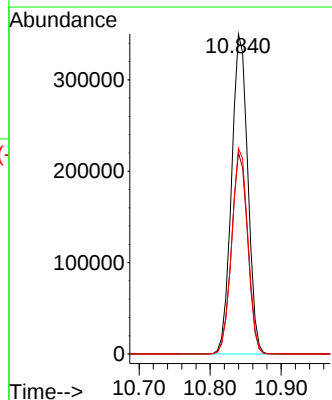
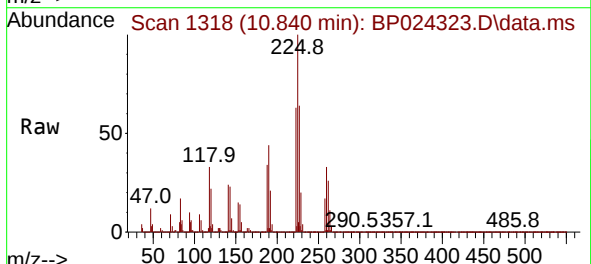
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

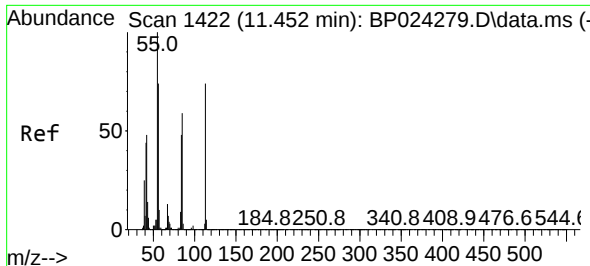
Tgt Ion:	127	Resp:	484538
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	27.6	22.1	33.1
92	18.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 46.175 ng
RT: 10.840 min Scan# 1318
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:	225	Resp:	555424
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.5	74.3
227	64.3	50.9	76.3

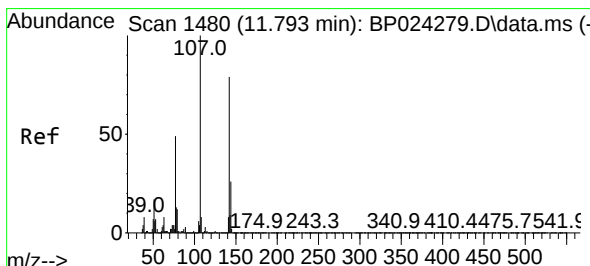
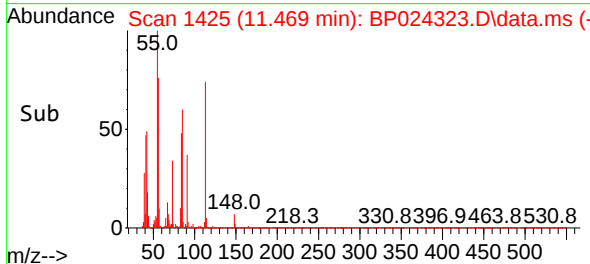
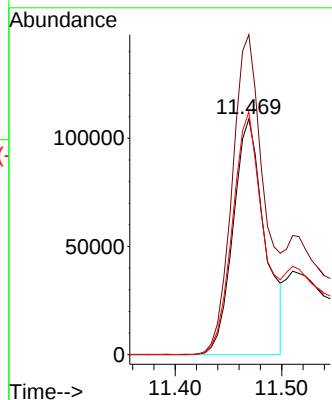
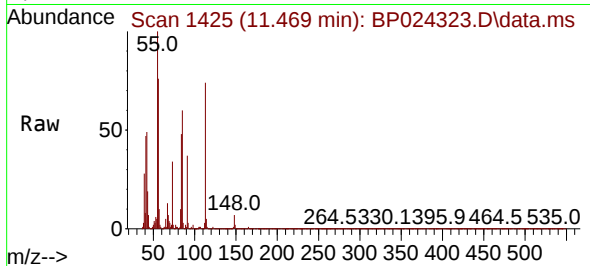




#35
 Caprolactam
 Concen: 31.846 ng
 RT: 11.469 min Scan# 1422
 Delta R.T. 0.008 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

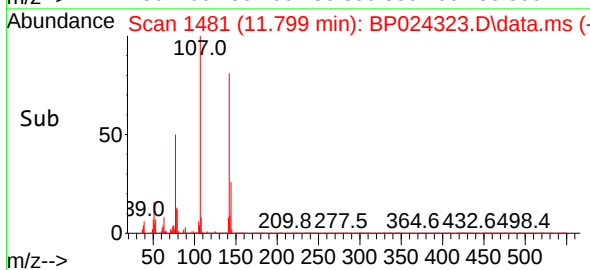
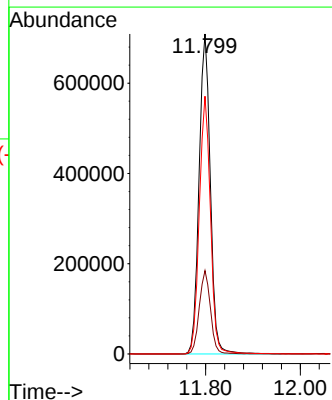
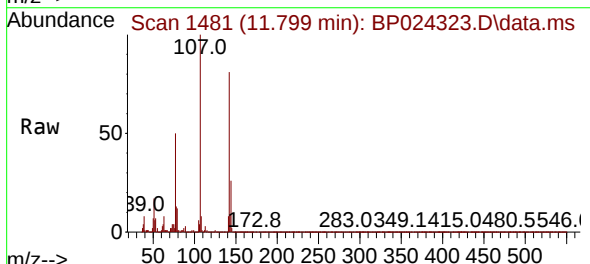
Instrument :
 BNA_P
 ClientSampleId :
 PB167564BSD

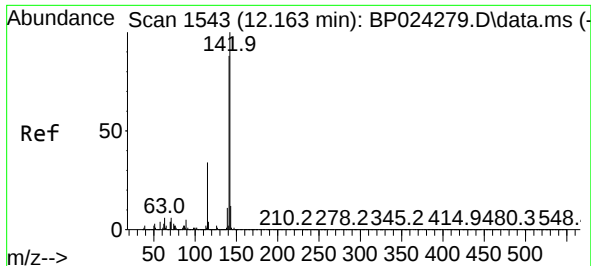
Tgt Ion:113 Resp: 224495
 Ion Ratio Lower Upper
 113 100
 55 135.8 115.9 155.9
 56 103.1 81.1 121.1



#36
 4-Chloro-3-methylphenol
 Concen: 52.620 ng
 RT: 11.799 min Scan# 1481
 Delta R.T. 0.014 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Tgt Ion:107 Resp: 1170976
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.6 63.4 95.2

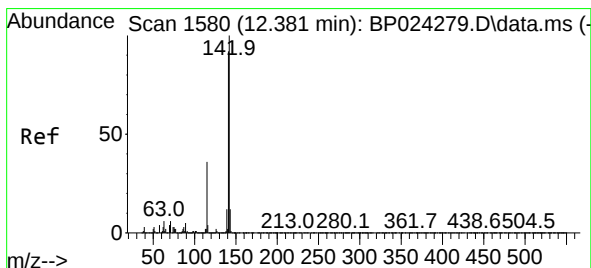
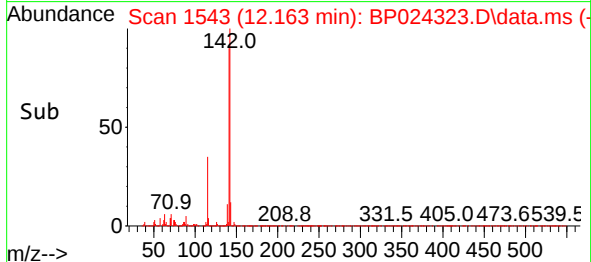
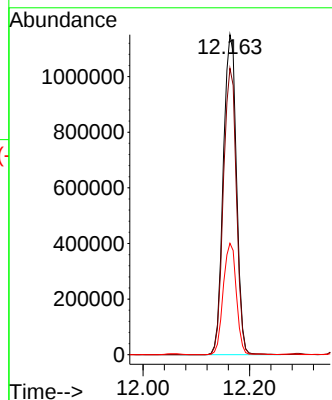
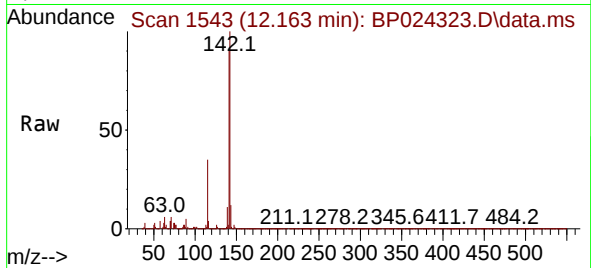




#37
2-Methylnaphthalene
Concen: 41.063 ng
RT: 12.163 min Scan# 1543
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

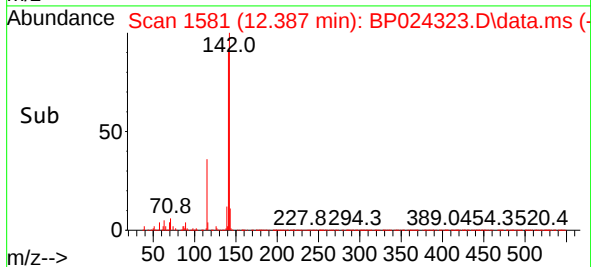
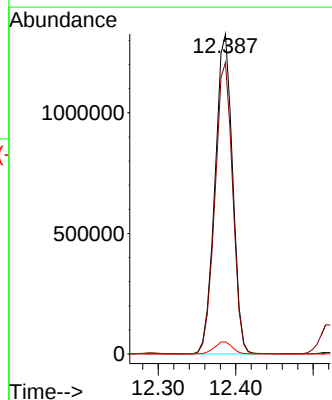
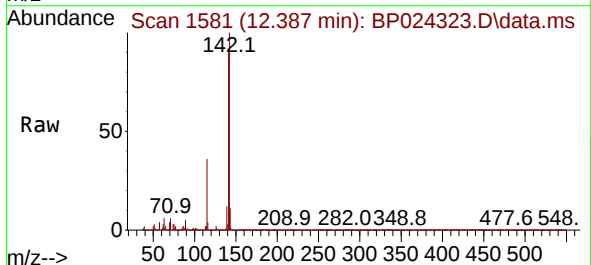
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

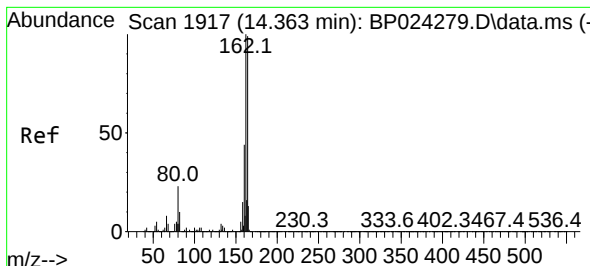
Tgt Ion:142 Resp: 1971746
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
115 34.8 26.9 40.3



#38
1-Methylnaphthalene
Concen: 44.606 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:142 Resp: 2095327
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.363 min Scan# 1917

Delta R.T. 0.014 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

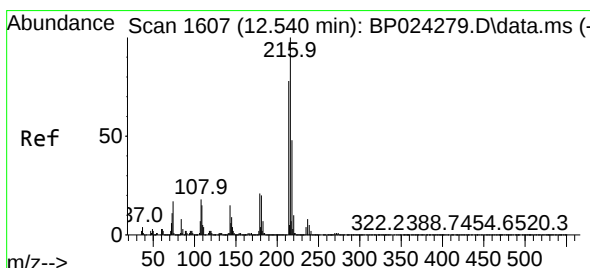
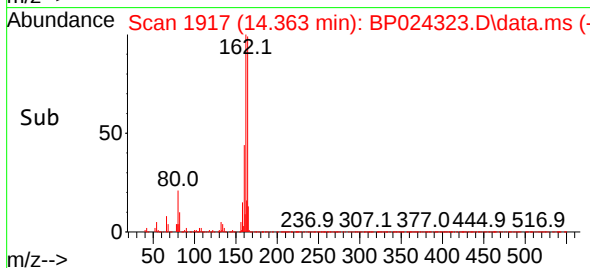
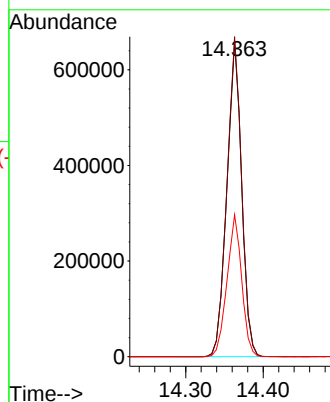
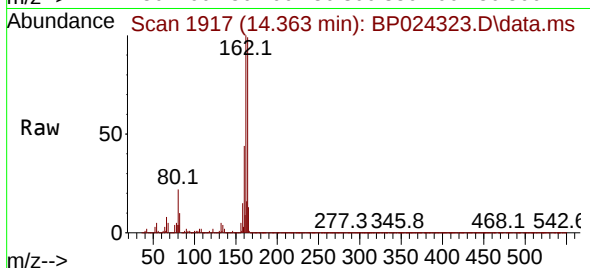
Tgt Ion:164 Resp: 875504

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 45.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.301 ng

RT: 12.540 min Scan# 1607

Delta R.T. 0.014 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Tgt Ion:216 Resp: 1066625

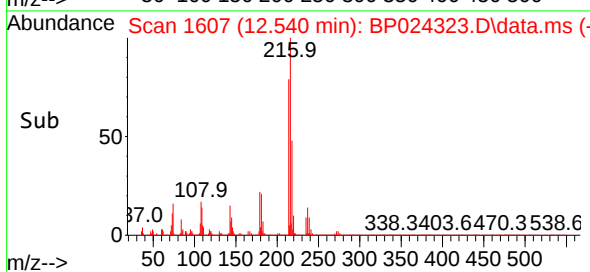
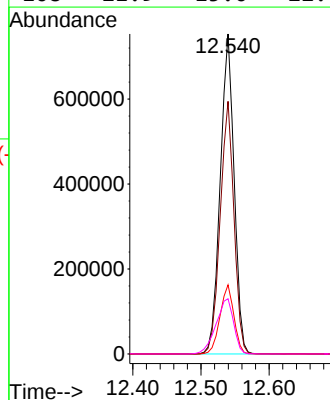
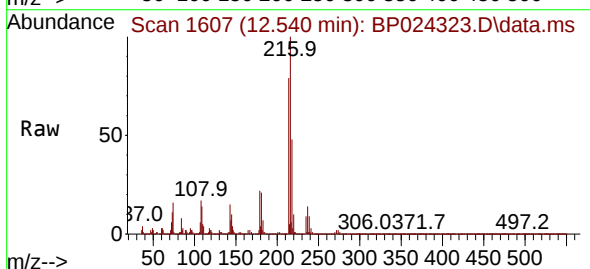
Ion Ratio Lower Upper

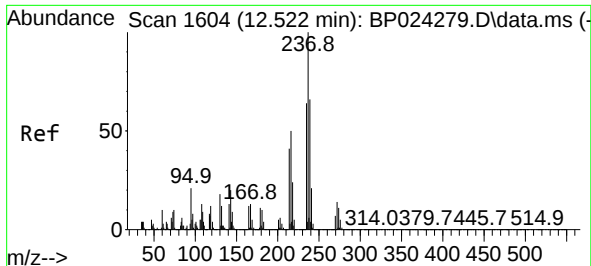
216 100

214 78.5 62.6 93.8

179 21.6 17.2 25.8

108 21.9 15.0 22.6

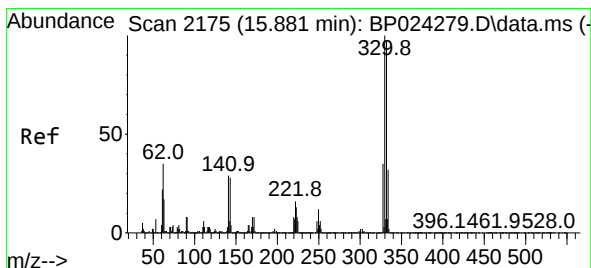
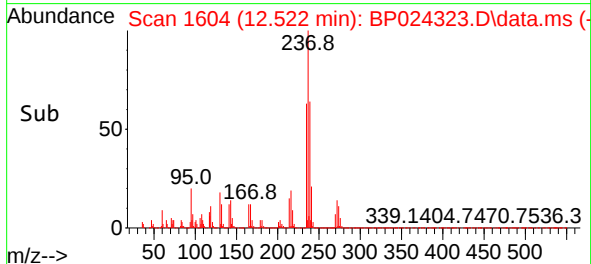
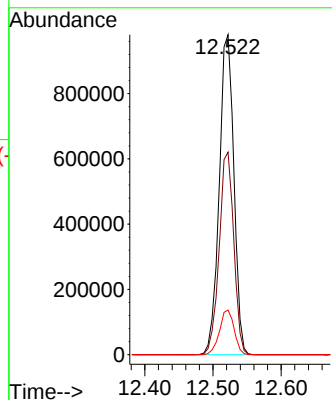
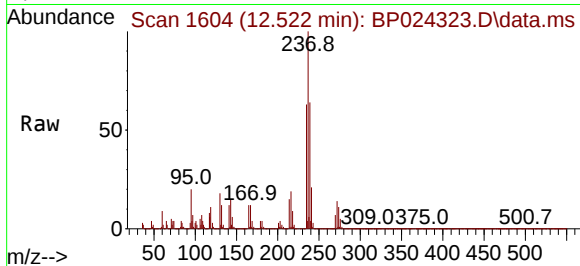




#41
Hexachlorocyclopentadiene
Concen: 171.955 ng
RT: 12.522 min Scan# 1
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

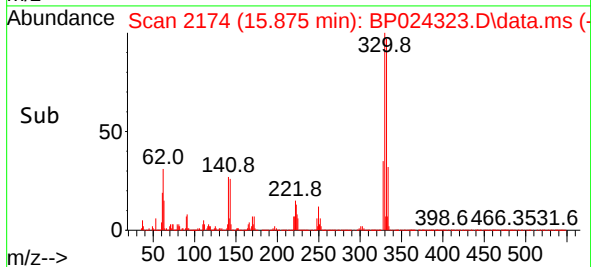
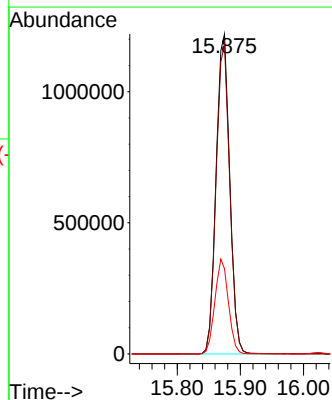
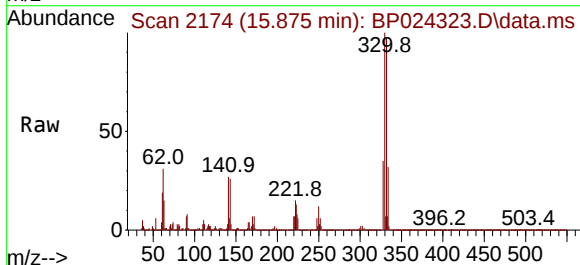
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

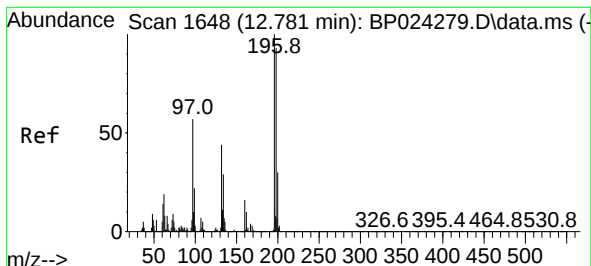
Tgt Ion:237 Resp: 1464235
Ion Ratio Lower Upper
237 100
235 63.3 43.9 83.9
272 14.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 151.179 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:330 Resp: 1831246
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.3 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.486 ng

RT: 12.787 min Scan# 1

Delta R.T. 0.020 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

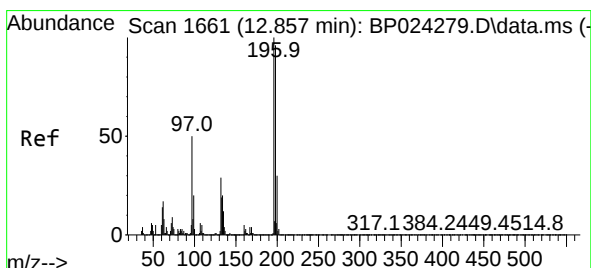
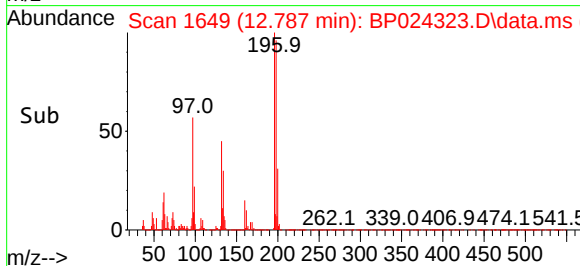
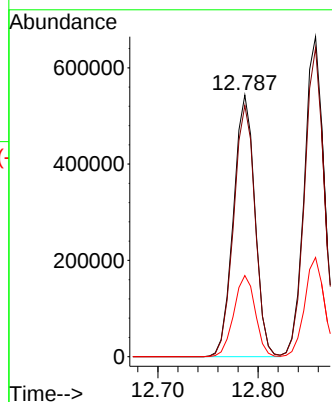
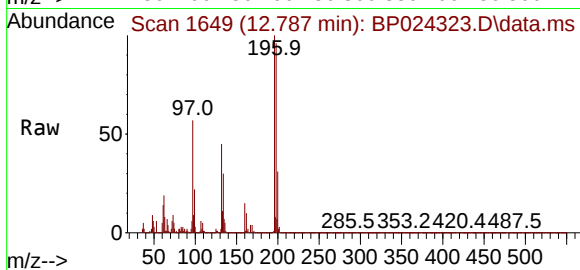
Tgt Ion:196 Resp: 808151

Ion Ratio Lower Upper

196 100

198 96.1 74.3 111.5

200 31.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 51.508 ng

RT: 12.857 min Scan# 1661

Delta R.T. 0.008 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Tgt Ion:196 Resp: 913031

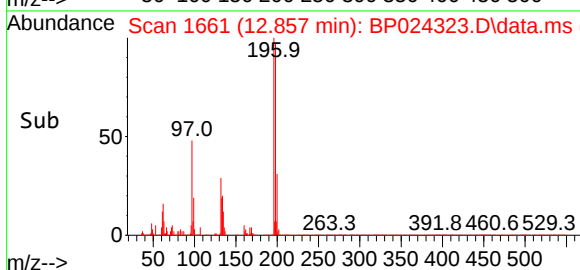
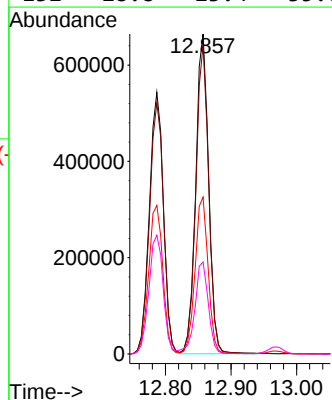
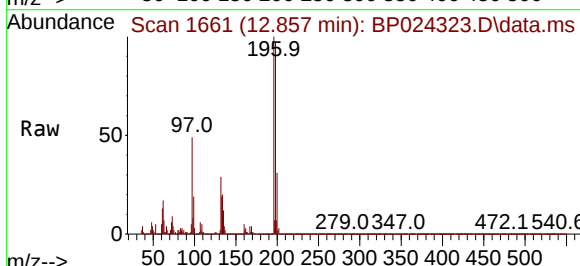
Ion Ratio Lower Upper

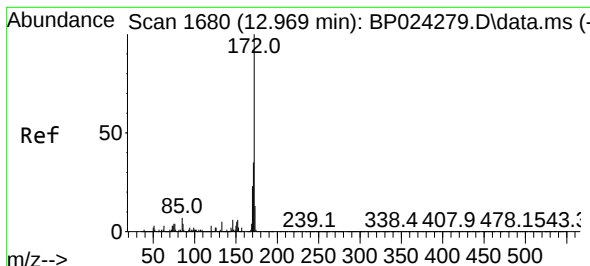
196 100

198 96.5 77.3 115.9

97 49.0 40.4 60.6

132 28.8 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.675 ng

RT: 12.969 min Scan# 1

Delta R.T. 0.008 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

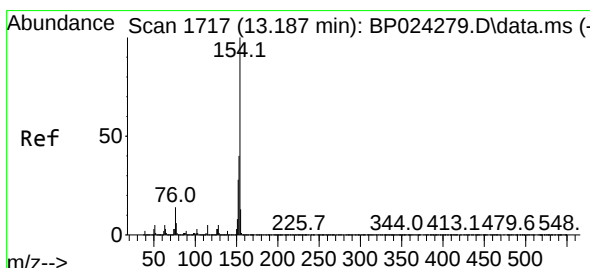
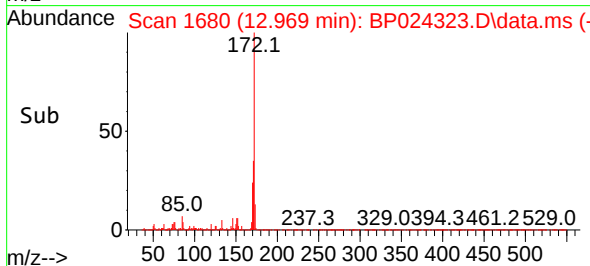
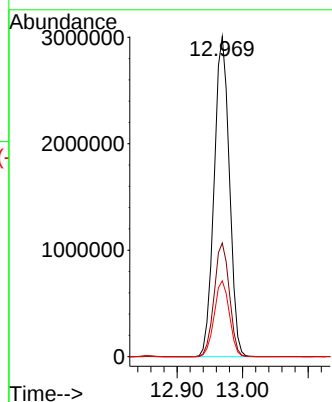
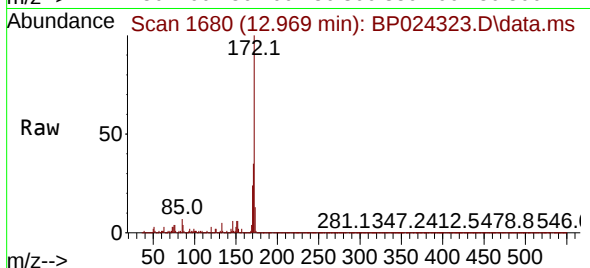
Tgt Ion:172 Resp: 4841796

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.7 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.153 ng

RT: 13.181 min Scan# 1716

Delta R.T. 0.002 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

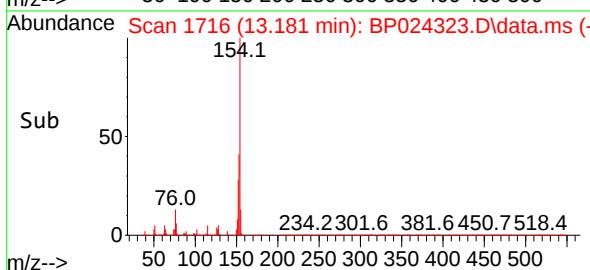
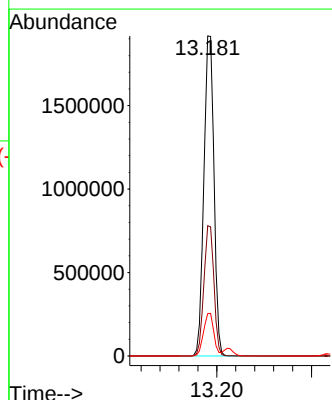
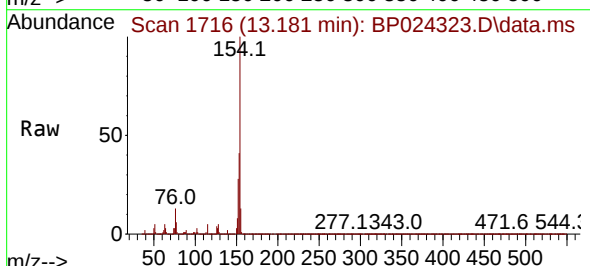
Tgt Ion:154 Resp: 2841421

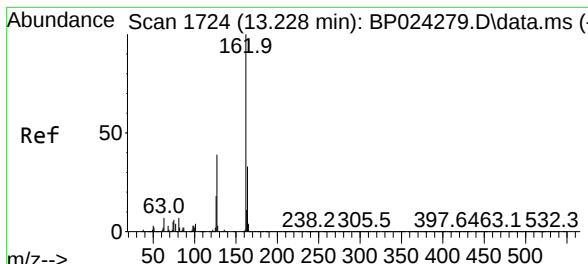
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.3 0.0 33.5



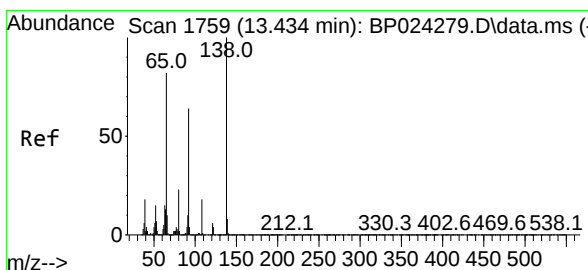
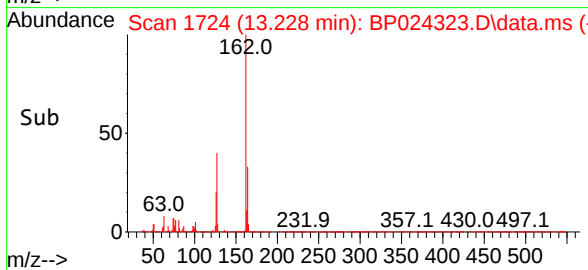
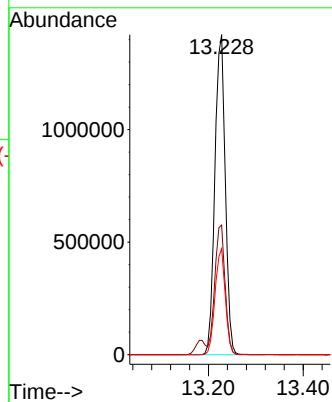
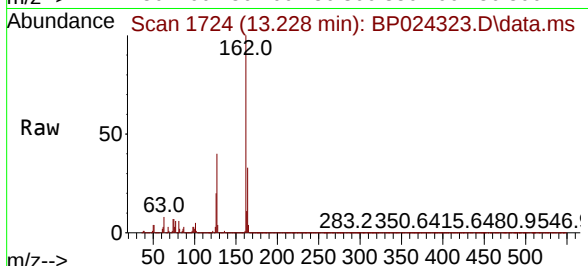


#47
 2-Chloronaphthalene
 Concen: 44.988 ng
 RT: 13.228 min Scan# 1724
 Delta R.T. 0.014 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Instrument :
 BNA_P
 ClientSampleId :
 PB167564BSD

Tgt Ion:162 Resp: 2163828

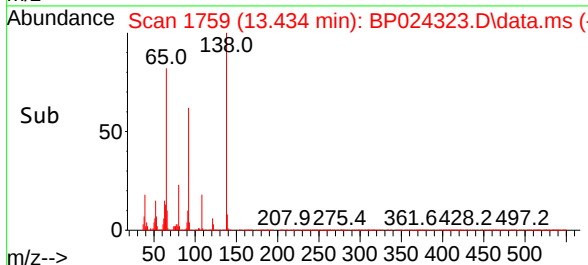
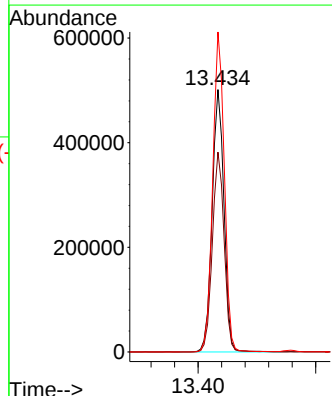
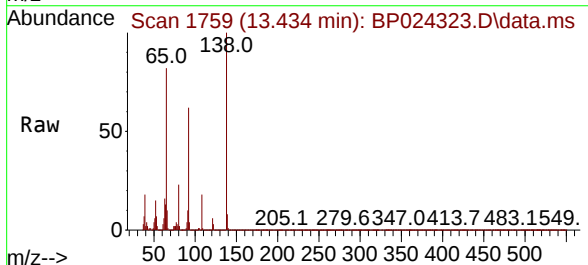
Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.9	47.9
164	33.1	26.2	39.4

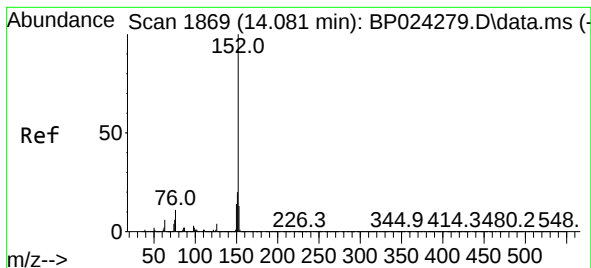


#48
 2-Nitroaniline
 Concen: 51.804 ng
 RT: 13.434 min Scan# 1759
 Delta R.T. 0.008 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Tgt Ion: 65 Resp: 698909

Ion	Ratio	Lower	Upper
65	100		
92	76.2	62.3	93.5
138	122.0	97.2	145.8





#49

Acenaphthylene

Concen: 49.379 ng

RT: 14.081 min Scan# 1869

Delta R.T. 0.014 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

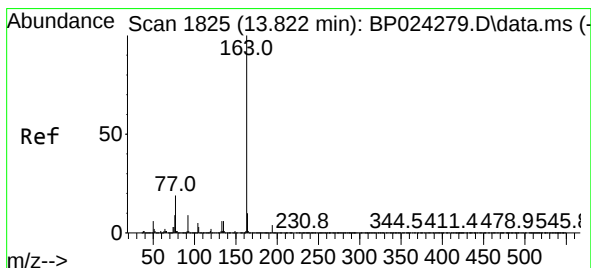
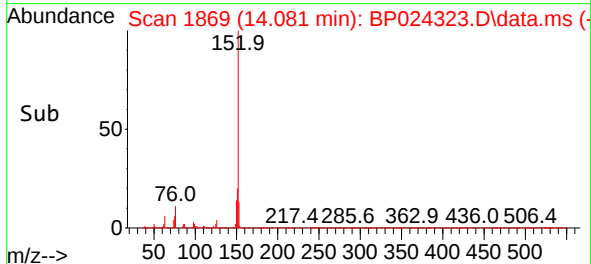
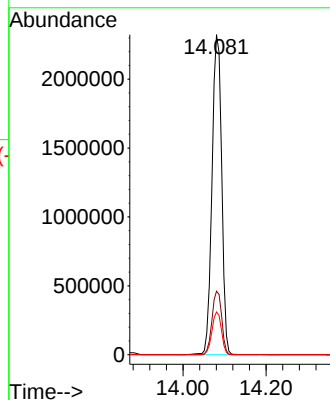
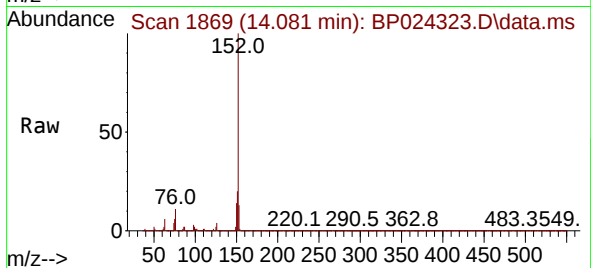
Tgt Ion:152 Resp: 3739262

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 47.782 ng

RT: 13.822 min Scan# 1825

Delta R.T. 0.008 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

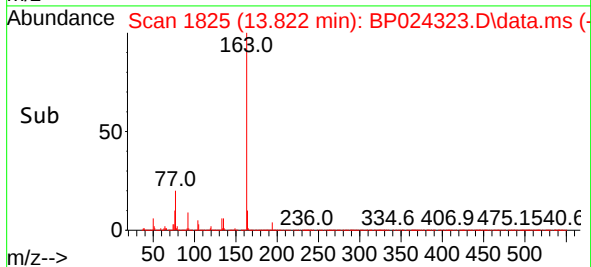
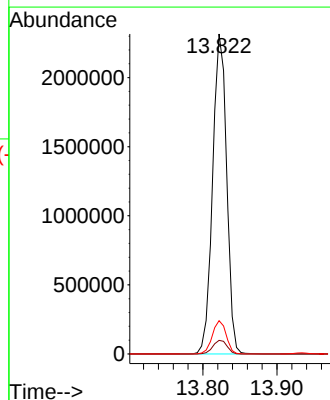
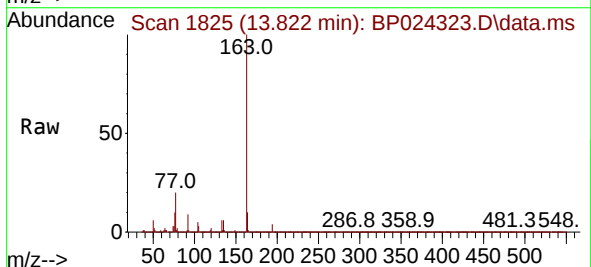
Tgt Ion:163 Resp: 3042218

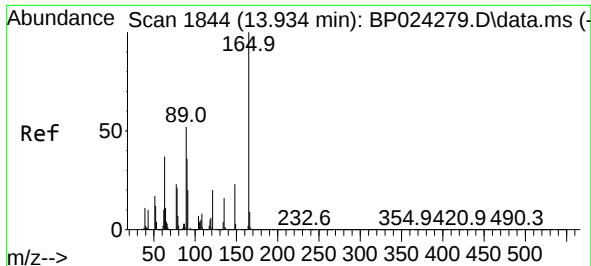
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.4 8.0 12.0

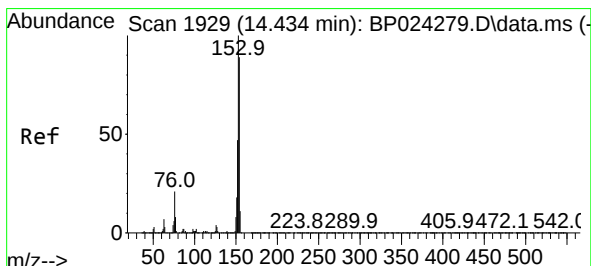
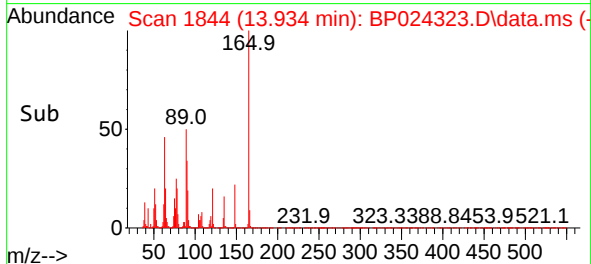
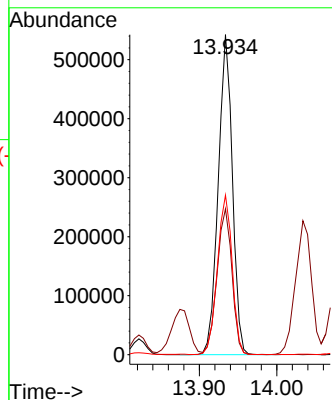
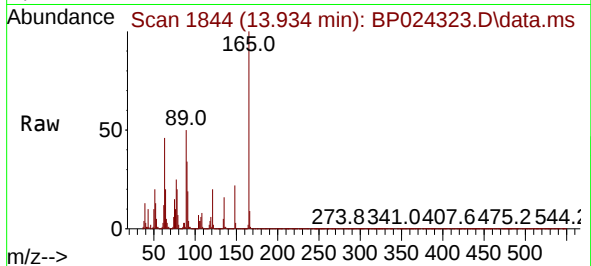




#51
2,6-Dinitrotoluene
Concen: 50.813 ng
RT: 13.934 min Scan# 1844
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

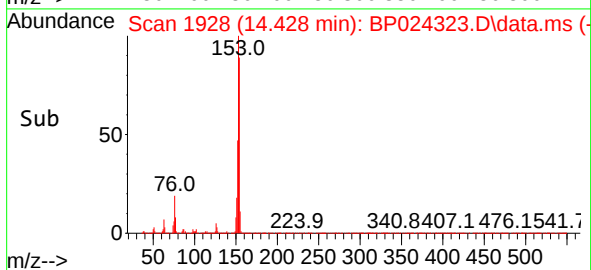
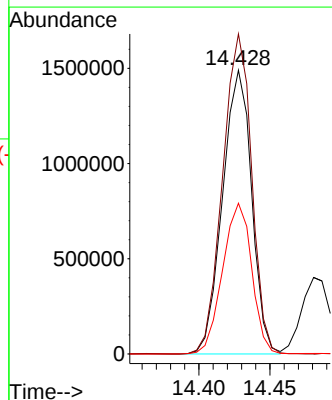
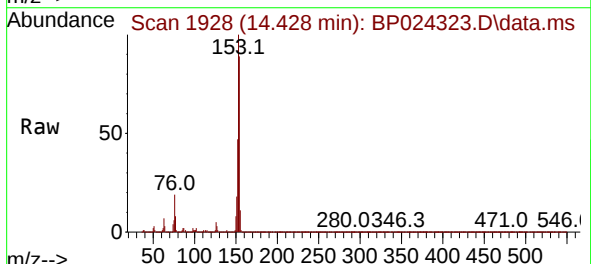
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

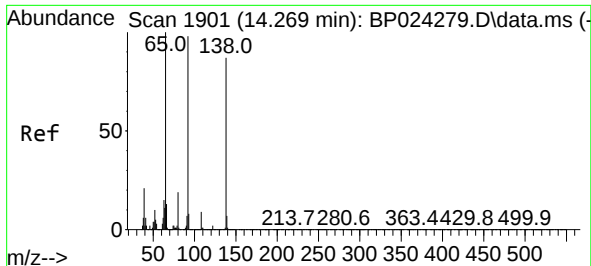
Tgt Ion:165 Resp: 686987
Ion Ratio Lower Upper
165 100
63 45.5 38.0 57.0
89 49.8 41.7 62.5



#52
Acenaphthene
Concen: 44.191 ng
RT: 14.428 min Scan# 1928
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:154 Resp: 2121498
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 53.1 42.6 63.8

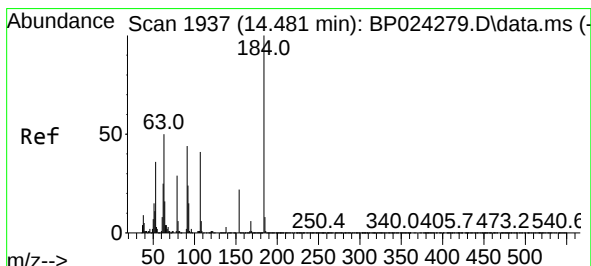
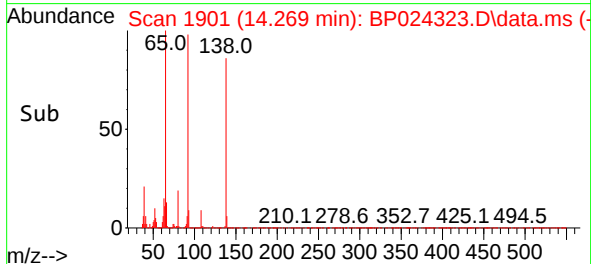
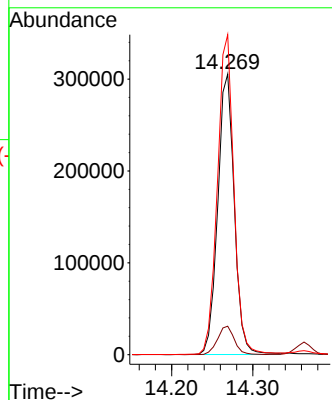
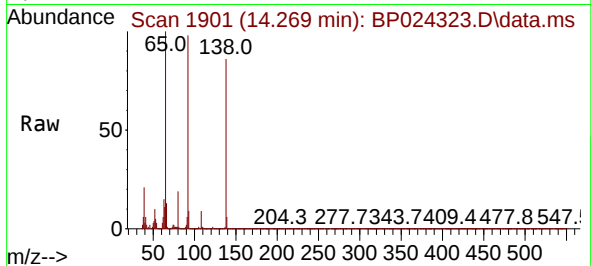




#53
3-Nitroaniline
Concen: 30.560 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

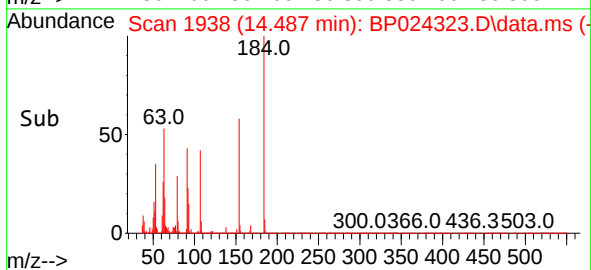
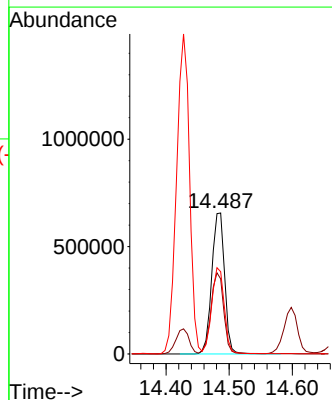
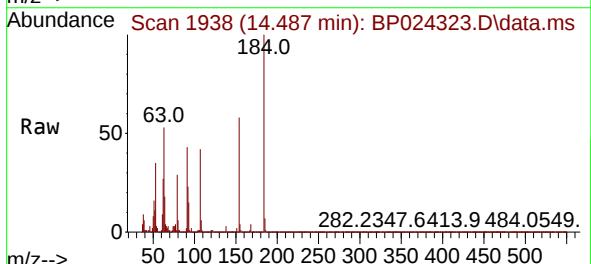
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

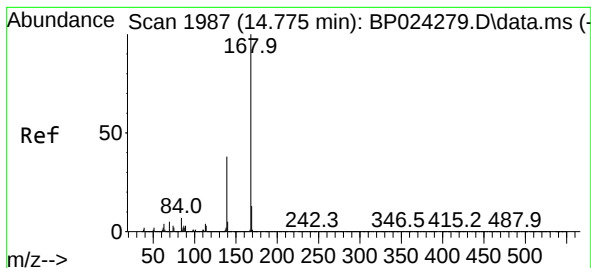
Tgt Ion:138 Resp: 434239
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 114.0 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 116.879 ng
RT: 14.487 min Scan# 1938
Delta R.T. 0.015 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:184 Resp: 930798
Ion Ratio Lower Upper
184 100
63 53.2 42.6 64.0
154 58.4 47.2 70.8





#55

Dibenzofuran

Concen: 43.612 ng

RT: 14.763 min Scan# 1985

Delta R.T. 0.002 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

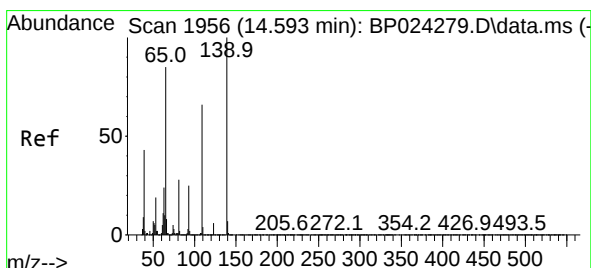
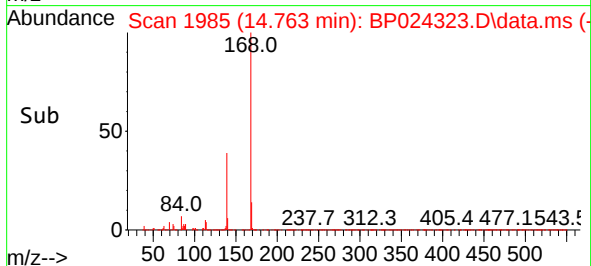
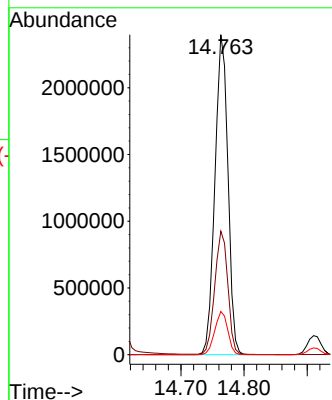
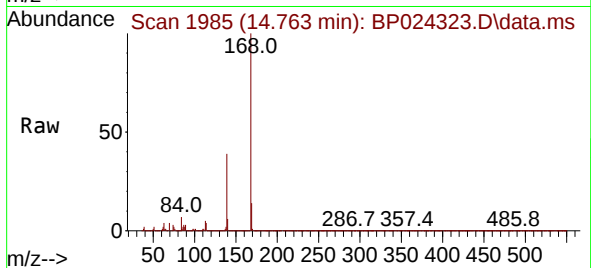
Tgt Ion:168 Resp: 3422328

Ion Ratio Lower Upper

168 100

139 38.6 30.3 45.5

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 111.403 ng

RT: 14.598 min Scan# 1957

Delta R.T. 0.014 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

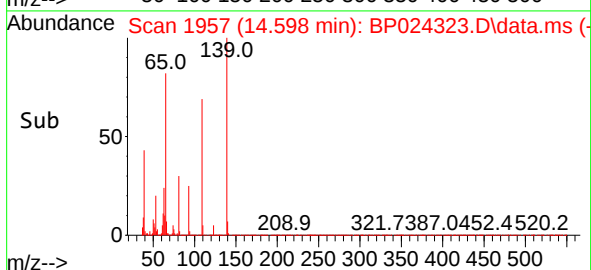
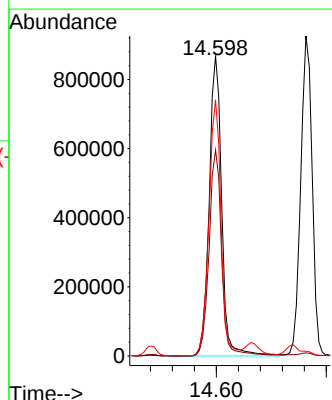
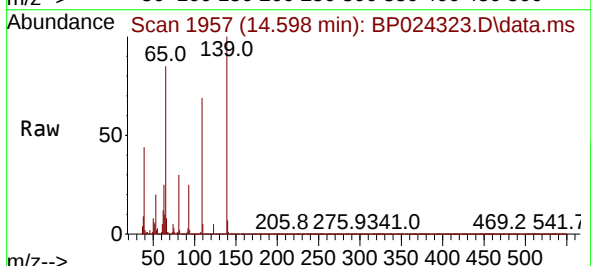
Tgt Ion:139 Resp: 1367153

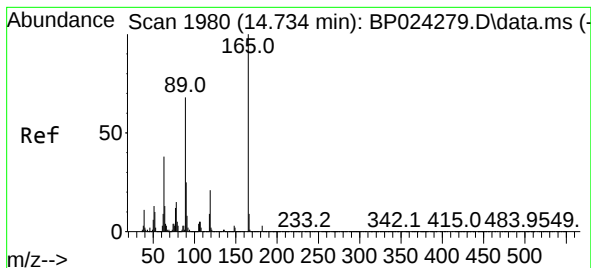
Ion Ratio Lower Upper

139 100

109 68.6 46.1 86.1

65 85.3 65.0 105.0

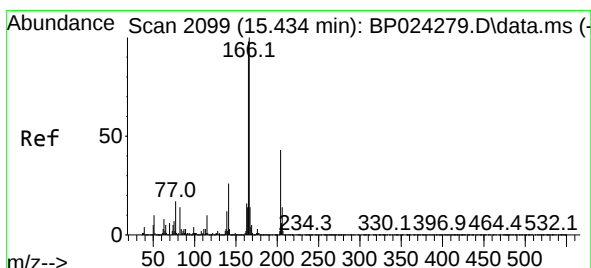
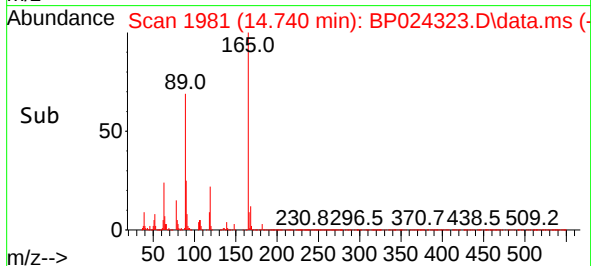
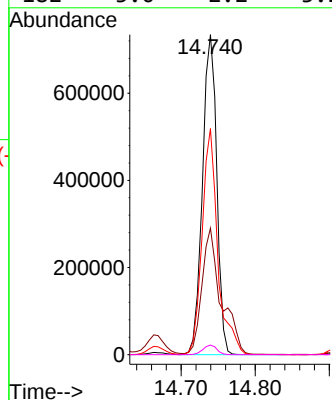
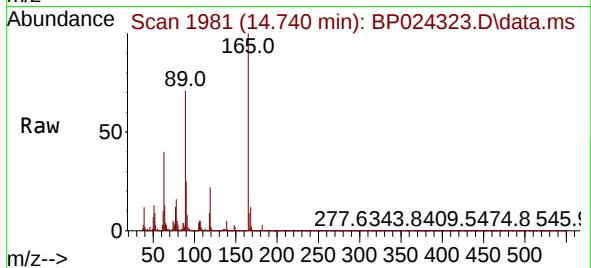




#57
2,4-Dinitrotoluene
Concen: 53.445 ng
RT: 14.740 min Scan# 1980
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

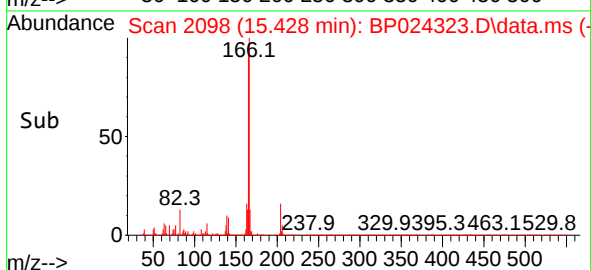
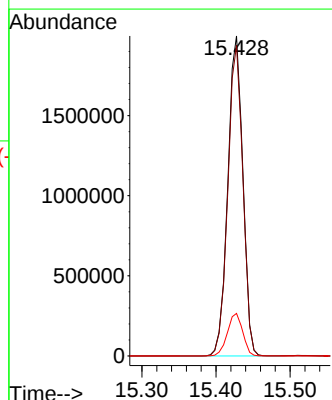
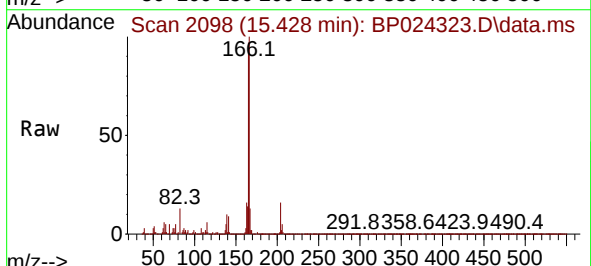
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

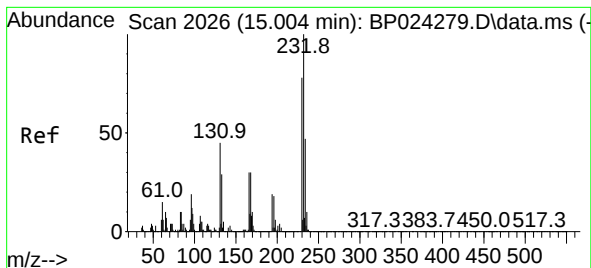
Tgt Ion:165 Resp: 985672
Ion Ratio Lower Upper
165 100
63 39.5 30.4 45.6
89 70.7 54.6 82.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 46.341 ng
RT: 15.428 min Scan# 2098
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:166 Resp: 2815136
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.3 10.9 16.3

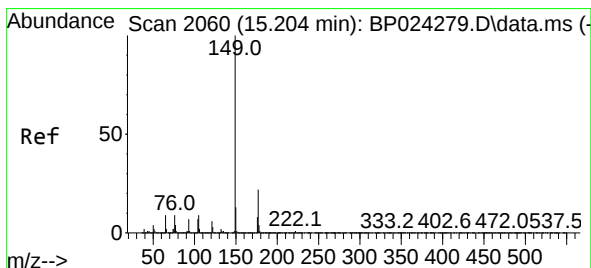
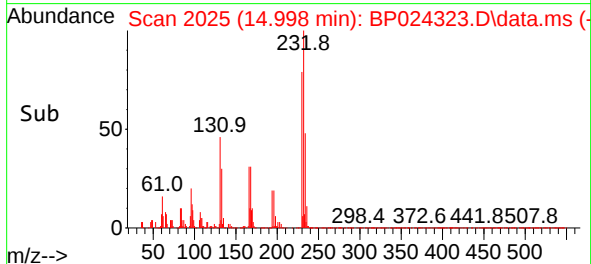
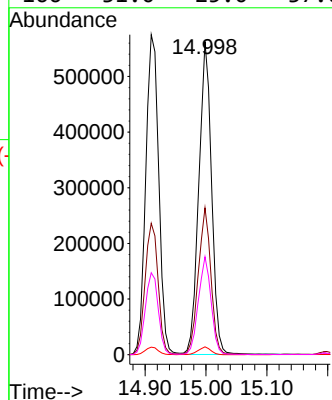
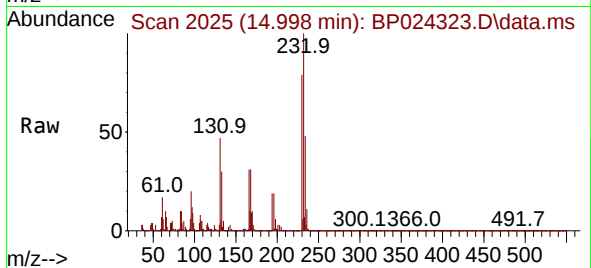




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.120 ng
RT: 14.998 min Scan# 2059
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

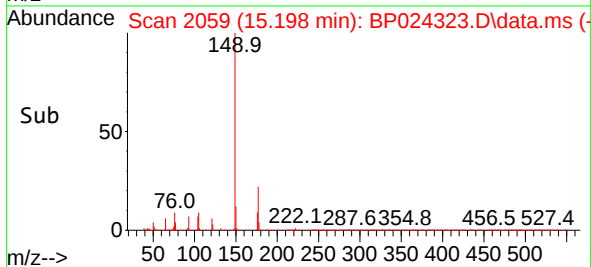
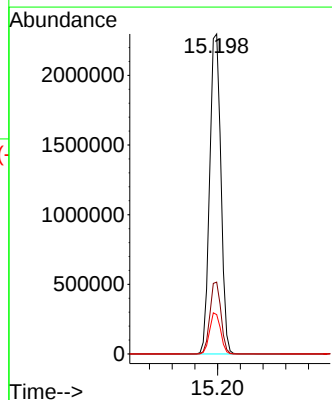
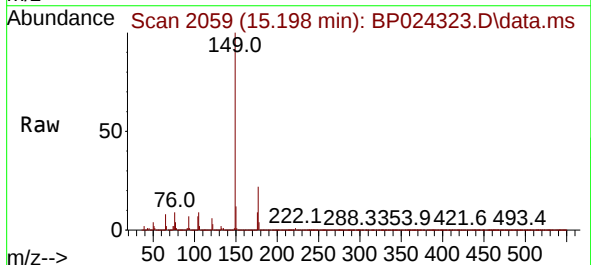
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

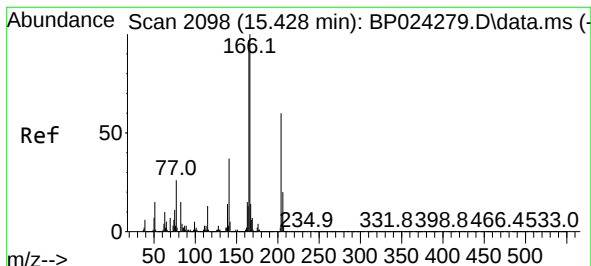
Tgt Ion:232 Resp: 819400
Ion Ratio Lower Upper
232 100
131 46.4 36.8 55.2
130 2.5 1.9 2.9
166 31.0 25.0 37.6



#60
Diethylphthalate
Concen: 47.571 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:149 Resp: 3121191
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.3 10.1 15.1

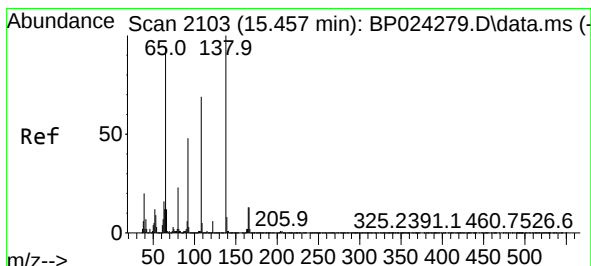
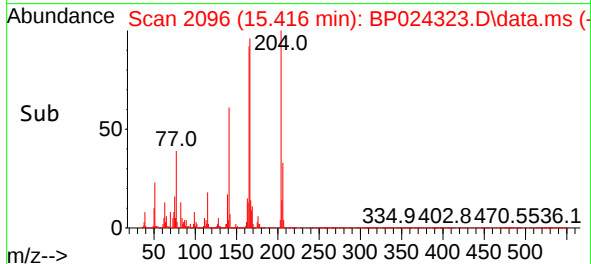
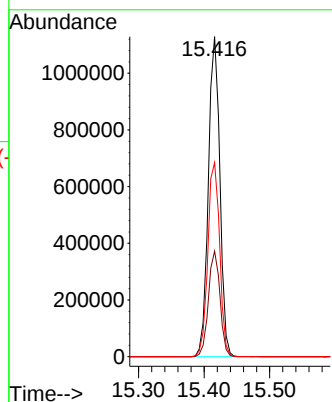
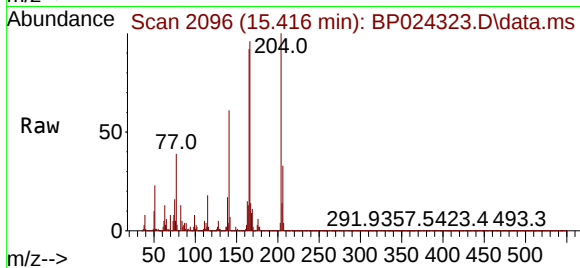




#61
4-Chlorophenyl-phenylether
Concen: 46.802 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

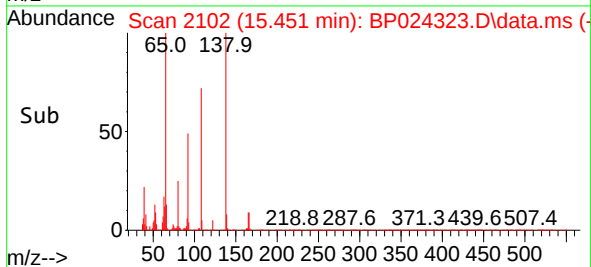
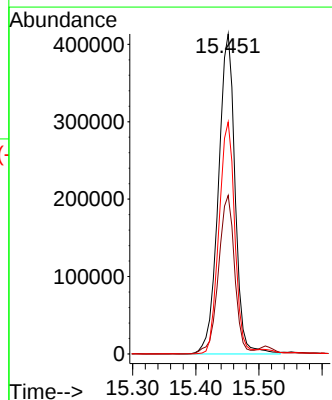
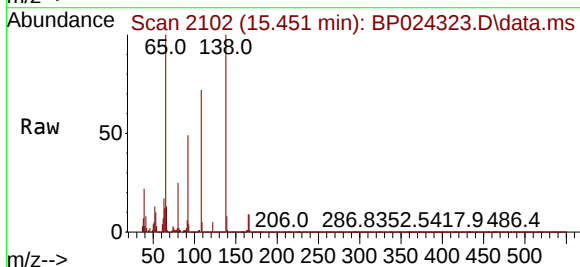
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

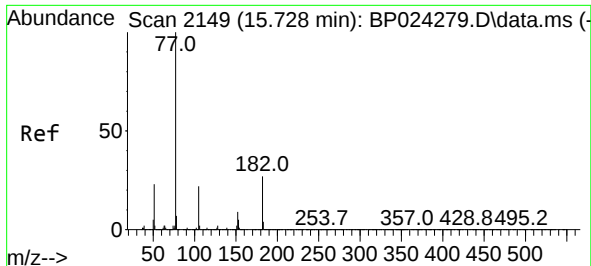
Tgt Ion:204 Resp: 1380633
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 60.6 49.4 74.0



#62
4-Nitroaniline
Concen: 50.367 ng
RT: 15.451 min Scan# 2102
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:138 Resp: 757647
Ion Ratio Lower Upper
138 100
92 49.6 27.8 67.8
108 72.5 48.9 88.9



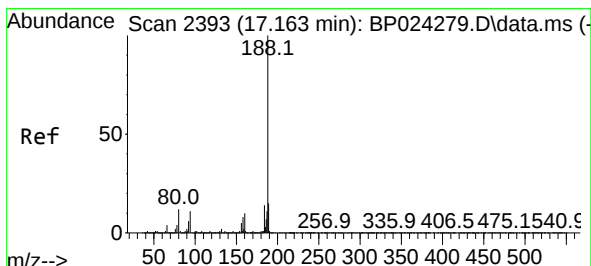
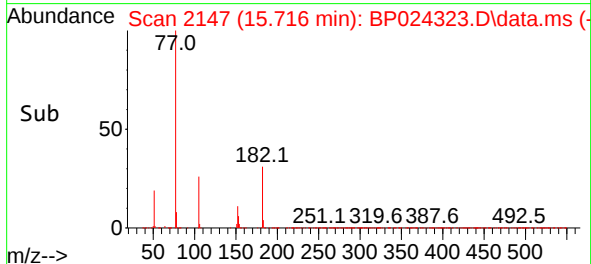
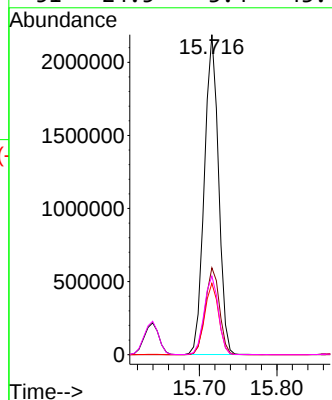
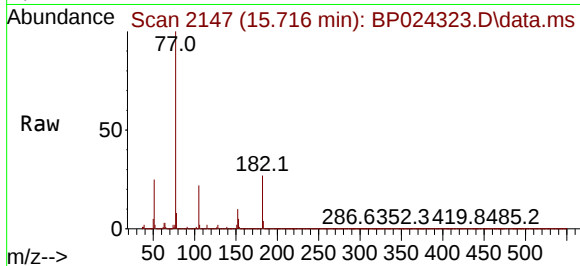


#63
Azobenzene
Concen: 46.085 ng
RT: 15.716 min Scan# 2147
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Tgt Ion: 77 Resp: 2779156

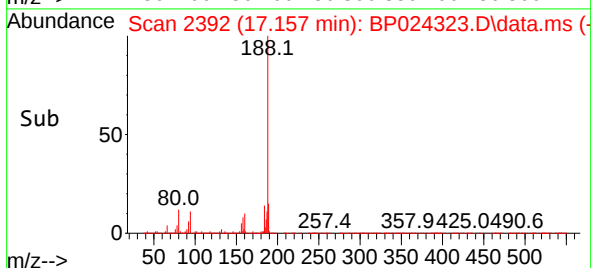
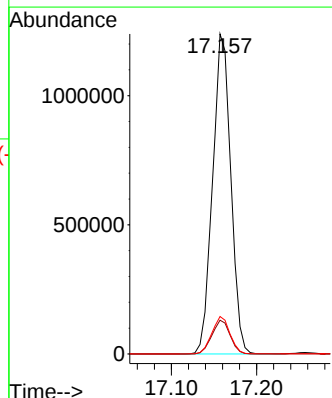
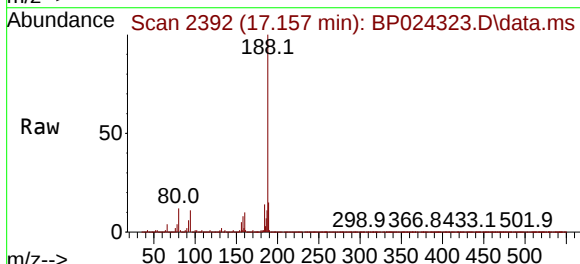
Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.3	47.3
105	22.3	2.3	42.3
51	24.5	3.4	43.4

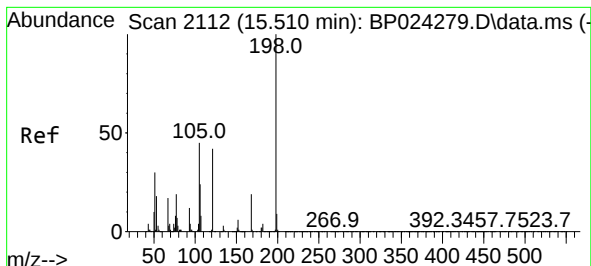


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion: 188 Resp: 1837449

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	13.0
80	11.7	9.8	14.6

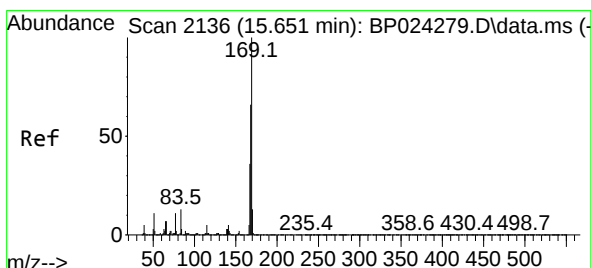
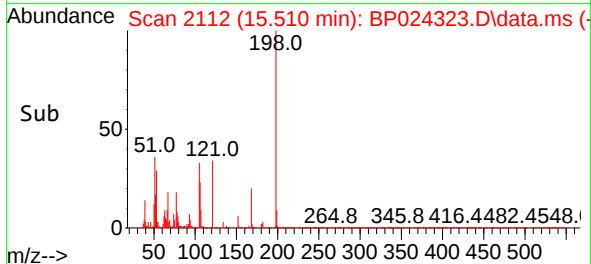
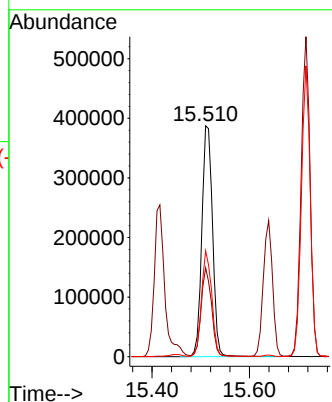
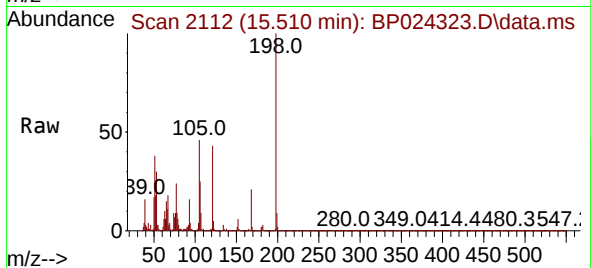




#65
4,6-Dinitro-2-methylphenol
Concen: 51.003 ng
RT: 15.510 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

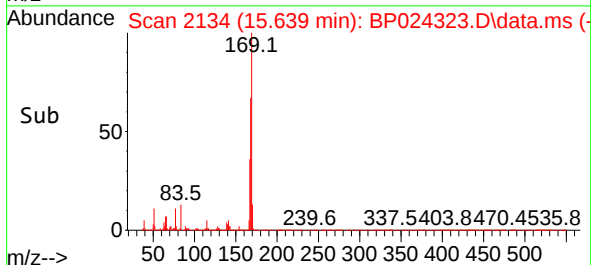
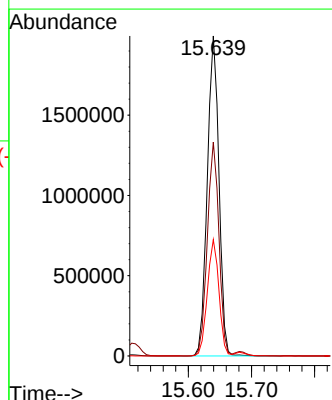
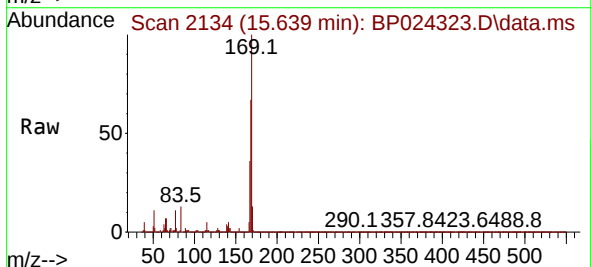
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

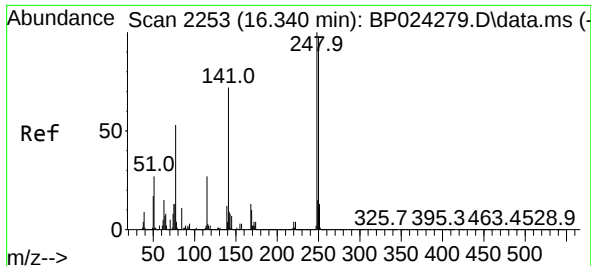
Tgt Ion:198 Resp: 590845
Ion Ratio Lower Upper
198 100
51 38.4 18.4 58.4
105 45.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.554 ng
RT: 15.639 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:169 Resp: 2553196
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.3 28.9 43.3

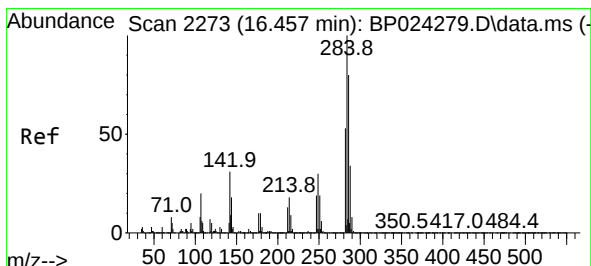
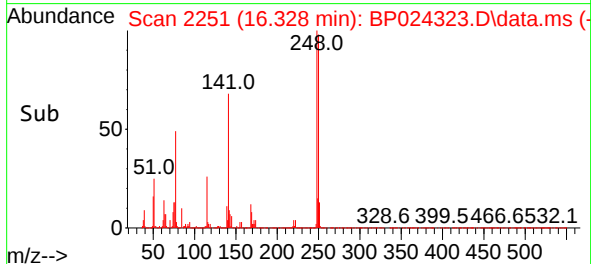
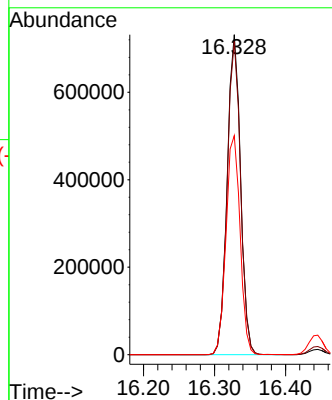
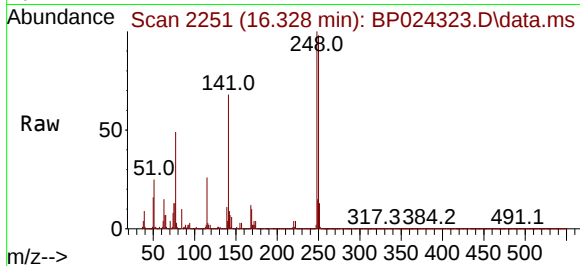




#67
4-Bromophenyl-phenylether
Concen: 47.539 ng
RT: 16.328 min Scan# 21
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

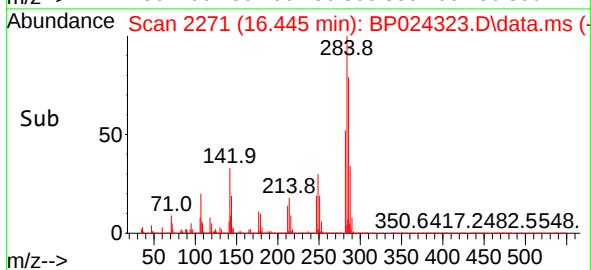
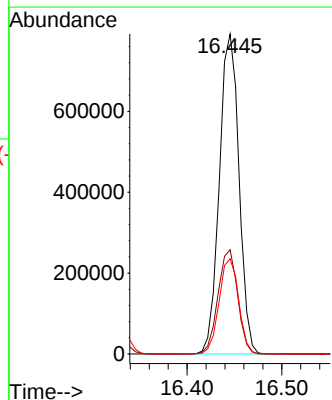
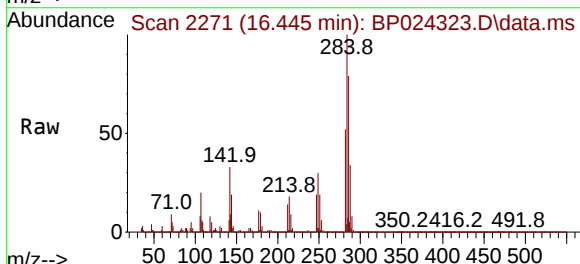
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

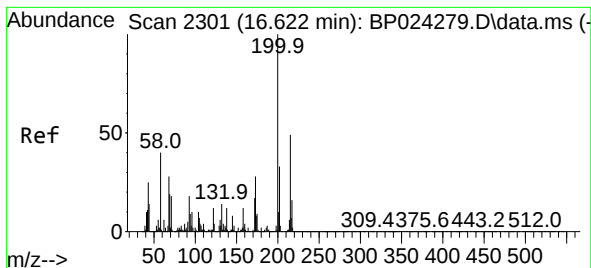
Tgt Ion:248 Resp: 955330
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 68.4 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.680 ng
RT: 16.445 min Scan# 2271
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:284 Resp: 1138569
Ion Ratio Lower Upper
284 100
142 32.5 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 67.916 ng

RT: 16.622 min Scan# 21

Delta R.T. 0.020 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

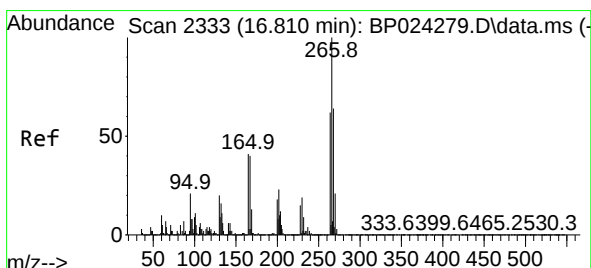
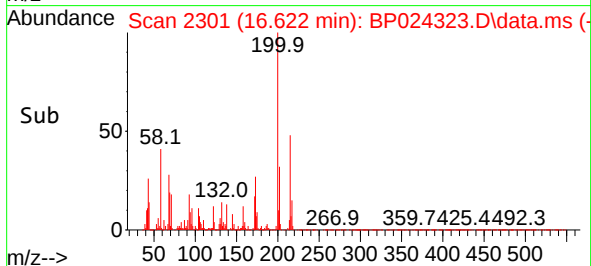
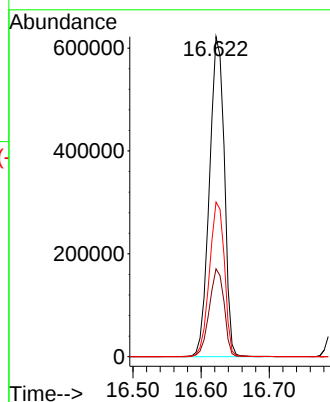
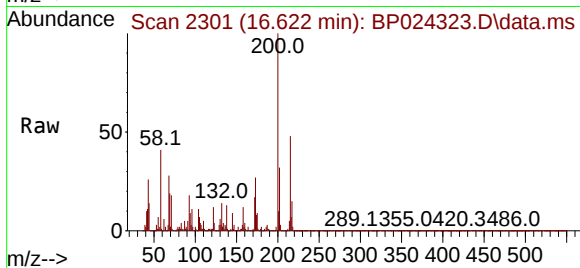
Tgt Ion:200 Resp: 948667

Ion Ratio Lower Upper

200 100

173 27.4 7.5 47.5

215 48.3 28.8 68.8



#70

Pentachlorophenol

Concen: 100.110 ng

RT: 16.804 min Scan# 2332

Delta R.T. -0.003 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

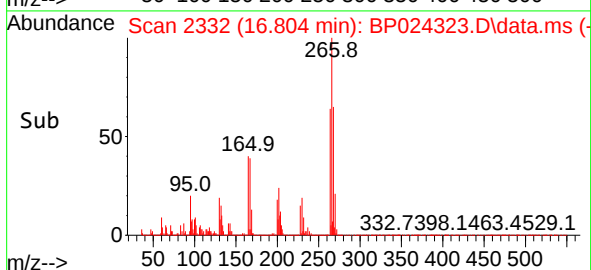
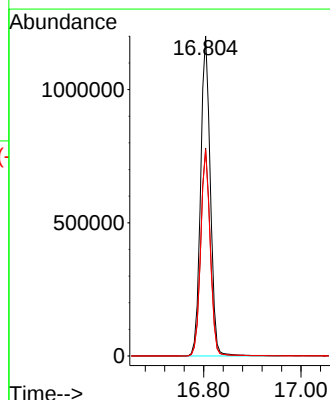
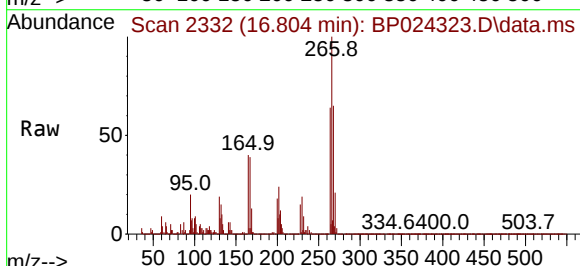
Tgt Ion:266 Resp: 1667730

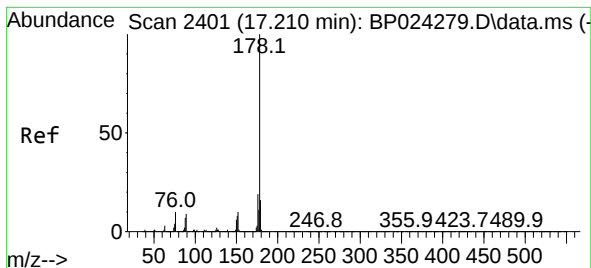
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

264 64.2 49.8 74.6





#71

Phenanthrene

Concen: 45.162 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.003 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

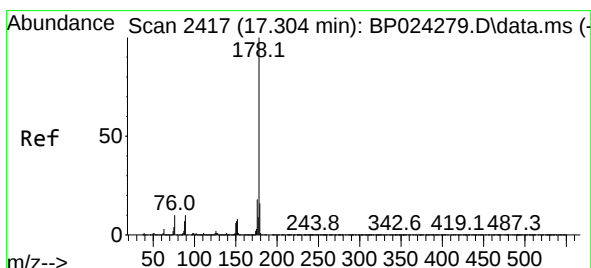
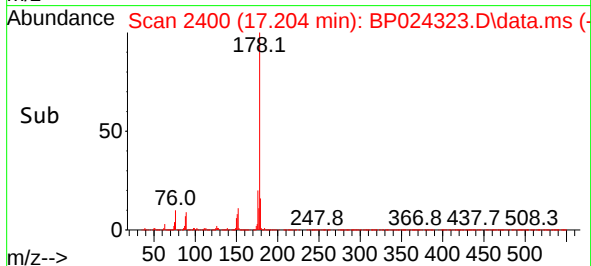
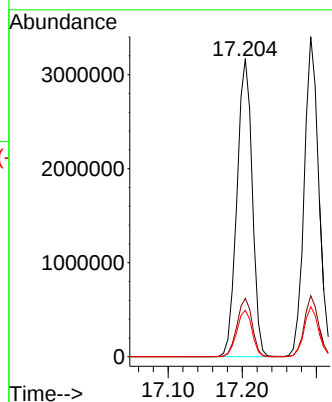
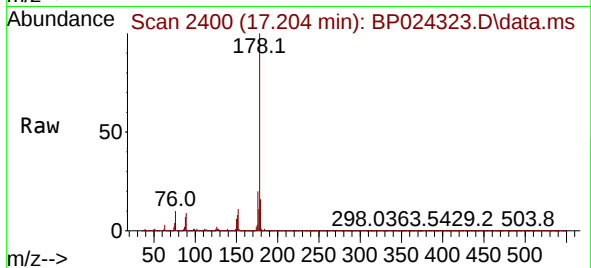
Tgt Ion:178 Resp: 4526959

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.6 12.5 18.7



#72

Anthracene

Concen: 48.085 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.003 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

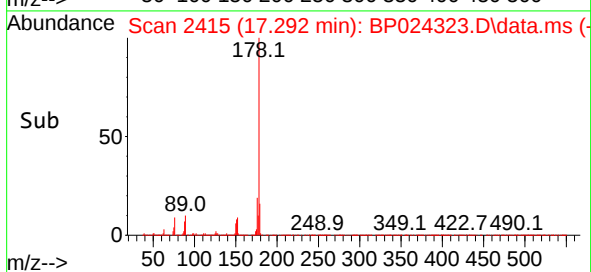
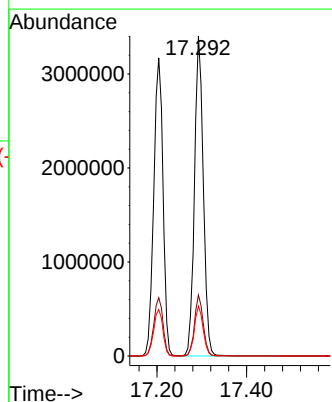
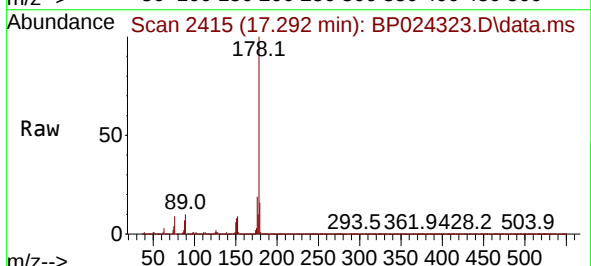
Tgt Ion:178 Resp: 4645447

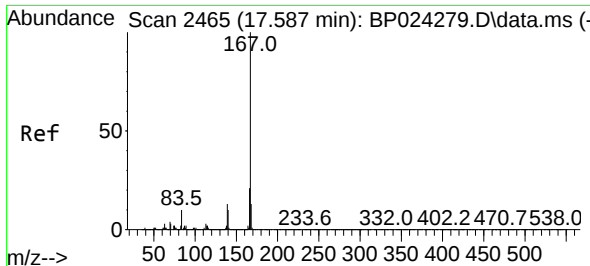
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.6 12.4 18.6

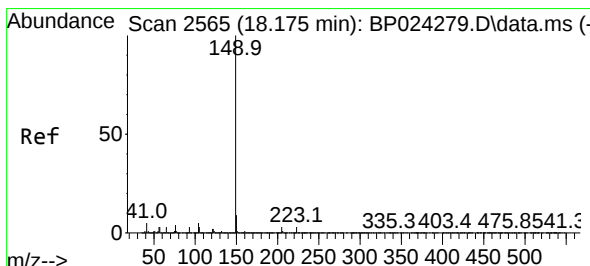
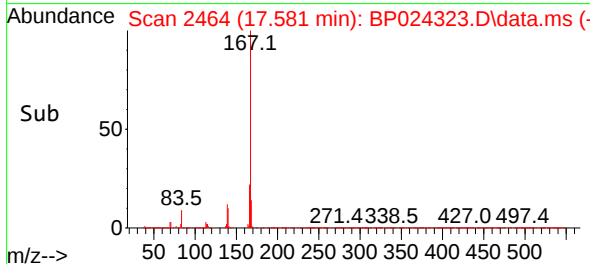
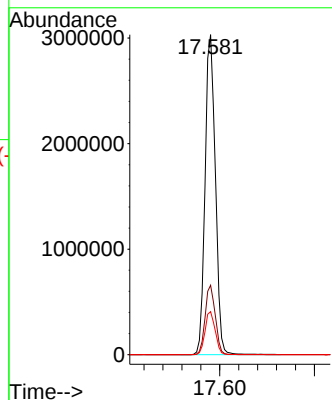
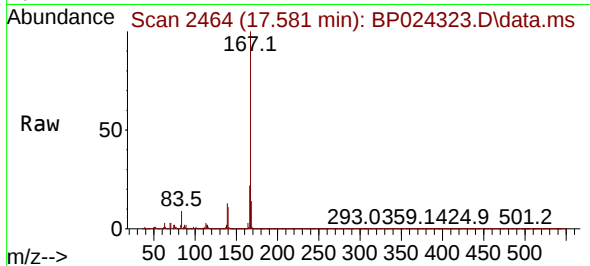




#73
 Carbazole
 Concen: 48.296 ng
 RT: 17.581 min Scan# 2465
 Delta R.T. -0.003 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

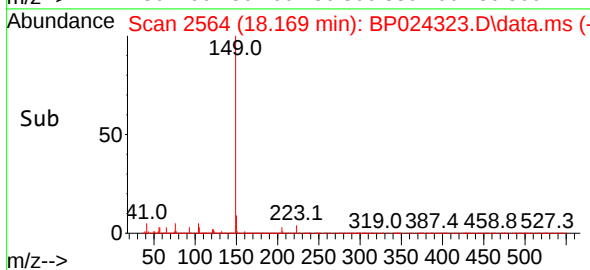
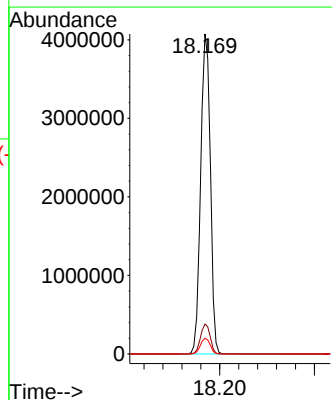
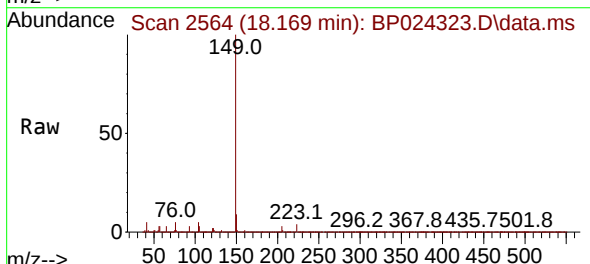
Instrument :
 BNA_P
 ClientSampleId :
 PB167564BSD

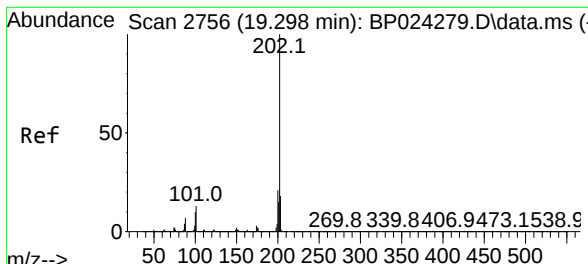
Tgt Ion:167 Resp: 4558890
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 49.026 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. -0.003 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Tgt Ion:149 Resp: 5765574
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.9 3.9 5.9



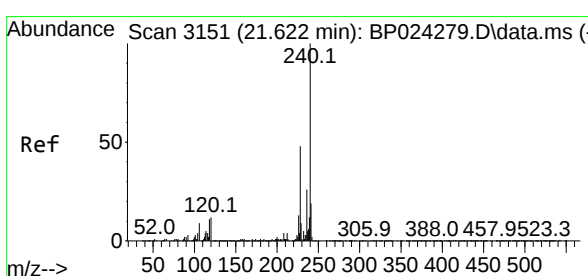
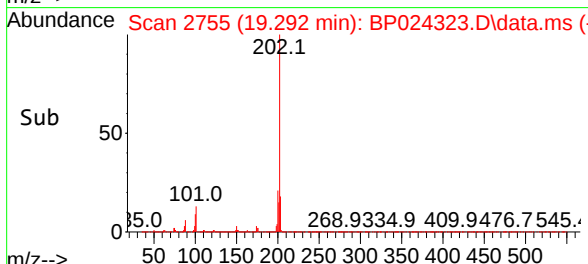
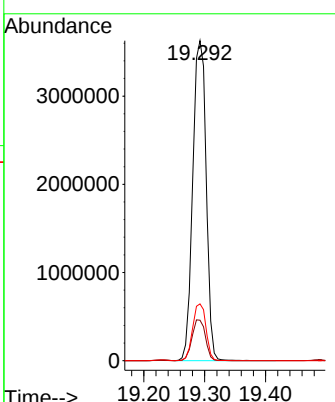
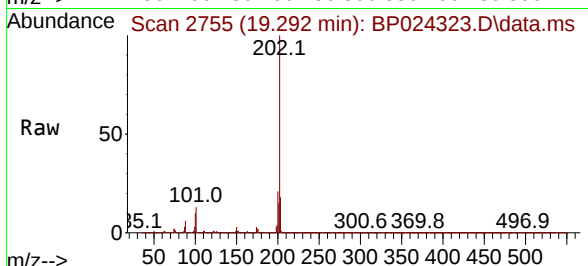


#75
 Fluoranthene
 Concen: 46.515 ng
 RT: 19.292 min Scan# 2148
 Delta R.T. -0.003 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Instrument :
 BNA_P
 ClientSampleId :
 PB167564BSD

Tgt Ion:202 Resp: 5545317

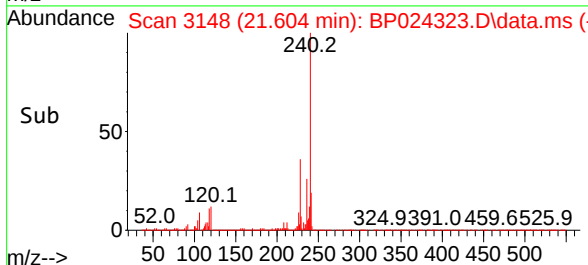
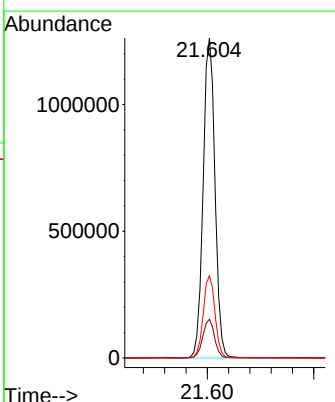
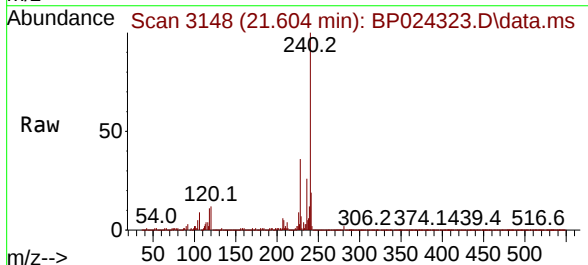
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.7	0.0	37.7

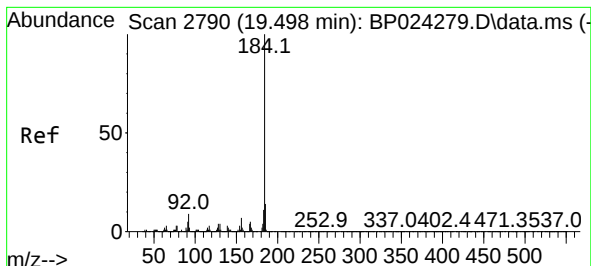


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.604 min Scan# 3148
 Delta R.T. 0.002 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Tgt Ion:240 Resp: 1940224

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.8	14.8
236	25.7	20.9	31.3





#77

Benzidine

Concen: 81.248 ng

RT: 19.486 min Scan# 21

Delta R.T. -0.003 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

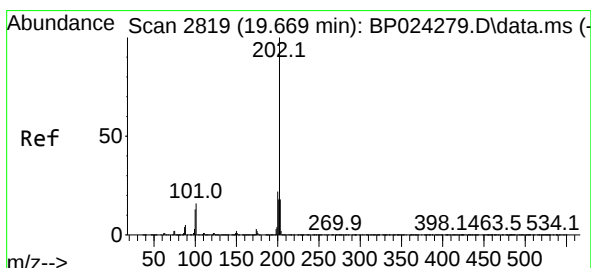
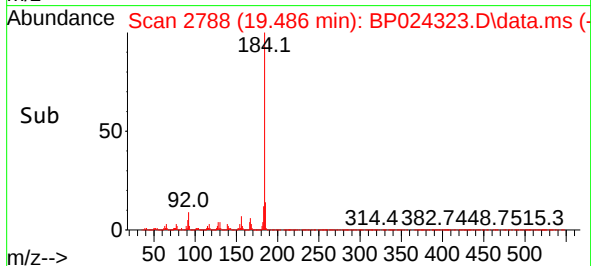
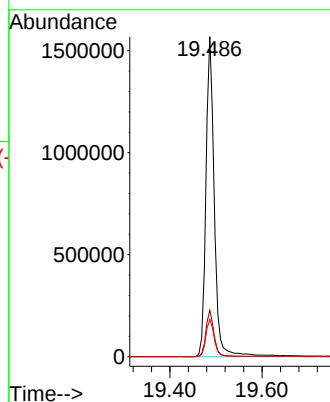
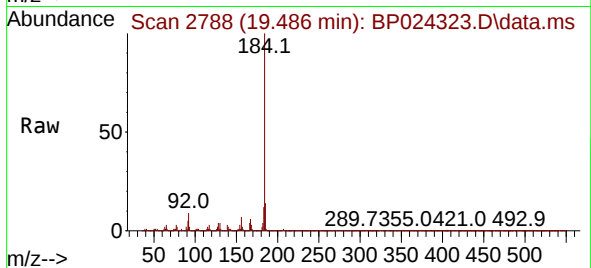
Tgt Ion:184 Resp: 1998211

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 11.6 9.2 13.8



#78

Pyrene

Concen: 45.918 ng

RT: 19.669 min Scan# 2819

Delta R.T. 0.002 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

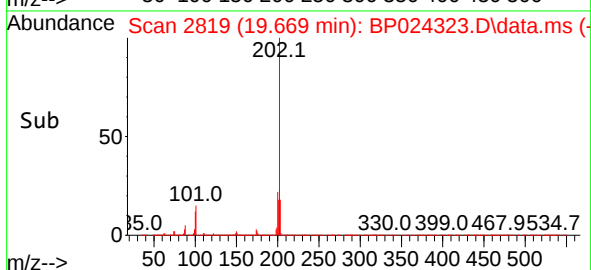
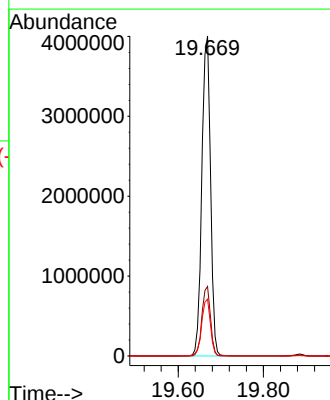
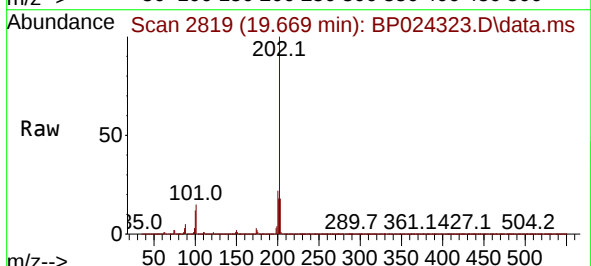
Tgt Ion:202 Resp: 5661848

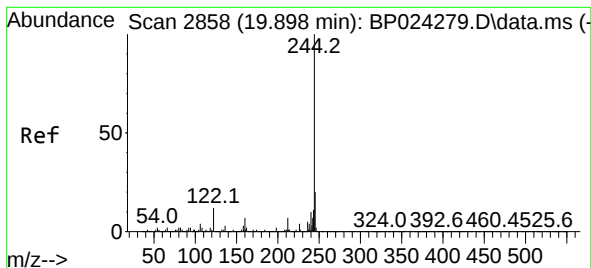
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 90.309 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.015 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

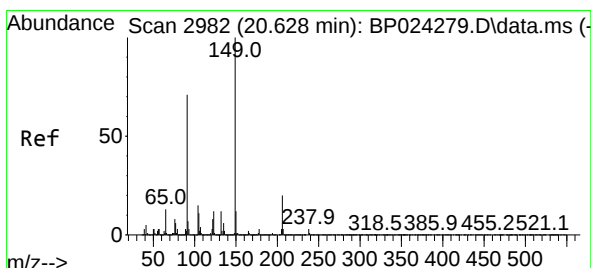
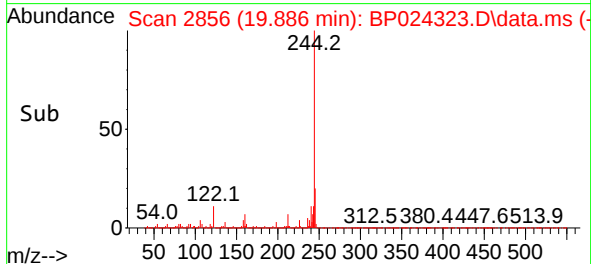
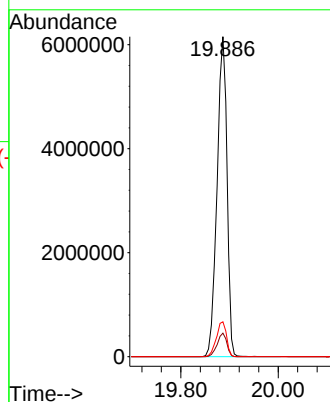
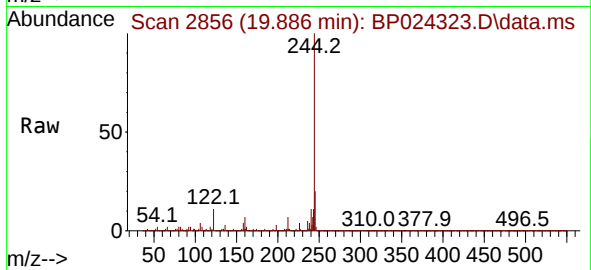
Tgt Ion:244 Resp: 8693032

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.9 9.4 14.0



#80

Butylbenzylphthalate

Concen: 51.361 ng

RT: 20.616 min Scan# 2980

Delta R.T. -0.009 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

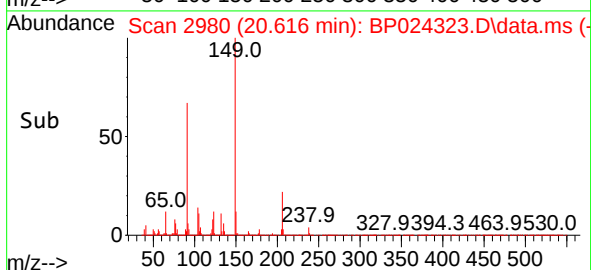
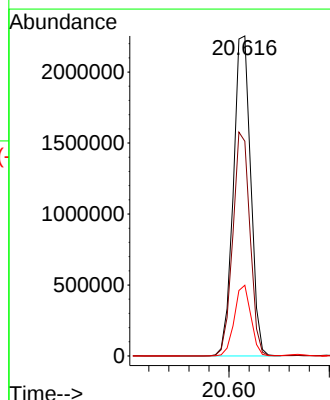
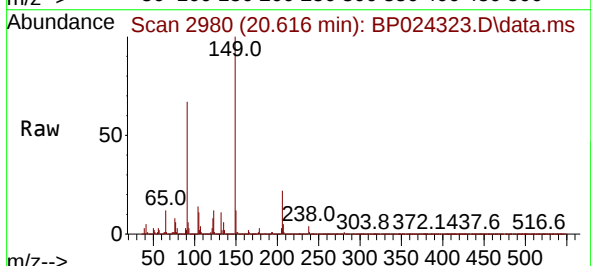
Tgt Ion:149 Resp: 2712595

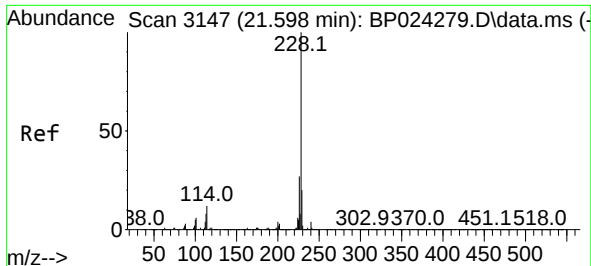
Ion Ratio Lower Upper

149 100

91 67.1 56.4 84.6

206 22.1 16.3 24.5

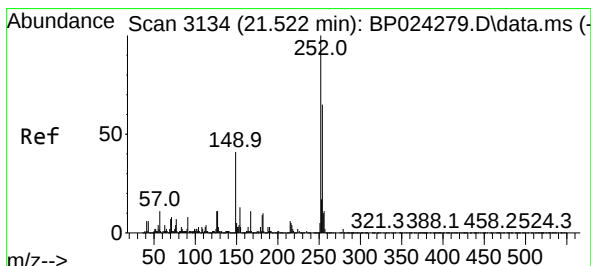
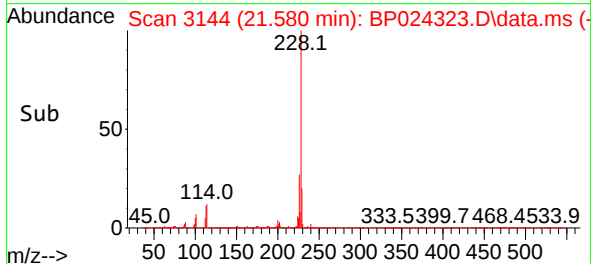
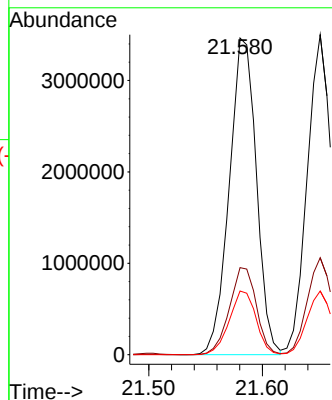
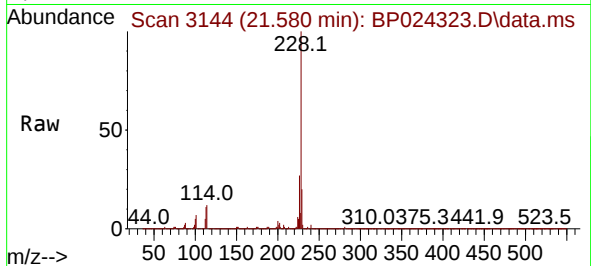




#81
Benzo(a)anthracene
Concen: 47.634 ng
RT: 21.580 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

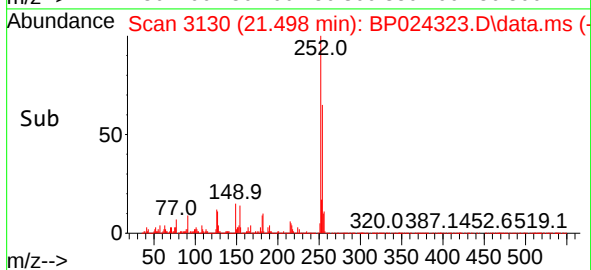
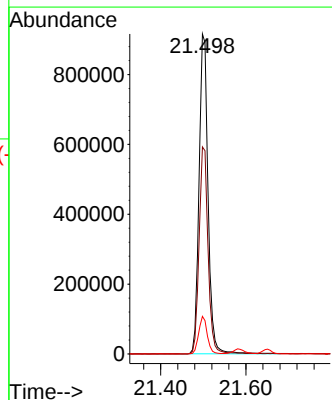
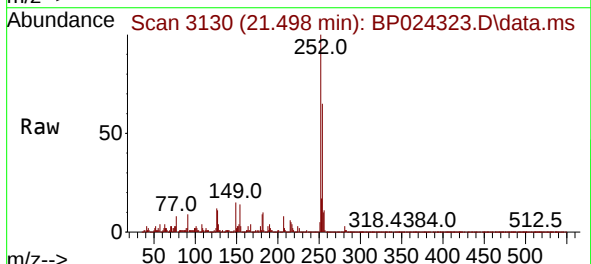
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

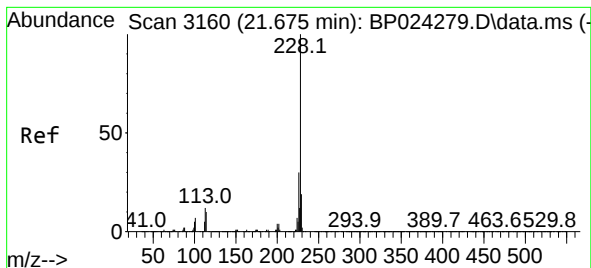
Tgt Ion:228 Resp: 5744445
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 31.668 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.021 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:252 Resp: 1340459
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 11.8 8.8 13.2





#83

Chrysene

Concen: 45.871 ng

RT: 21.651 min Scan# 31

Delta R.T. -0.009 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

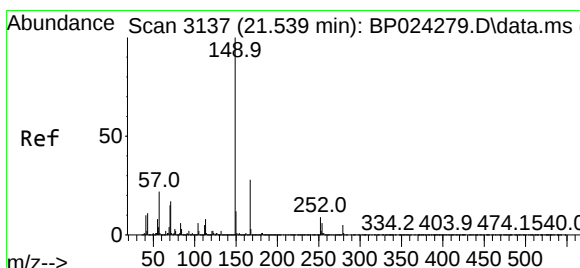
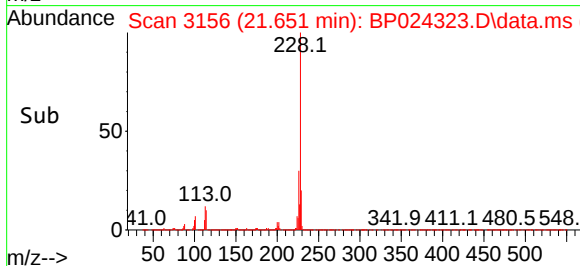
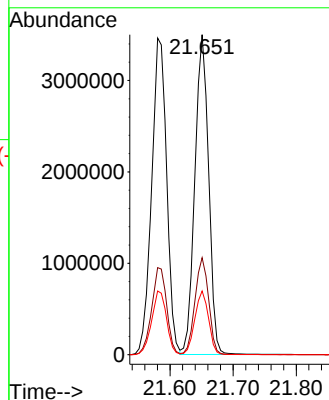
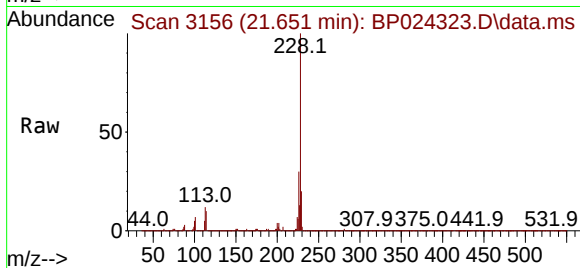
Tgt Ion:228 Resp: 5299827

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.034 ng

RT: 21.522 min Scan# 3134

Delta R.T. -0.003 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

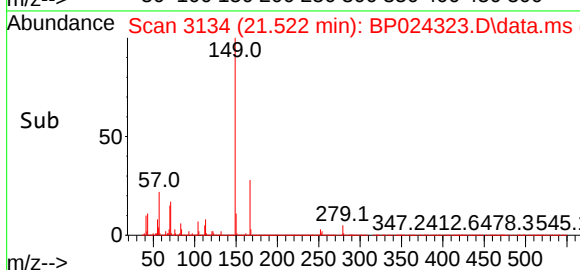
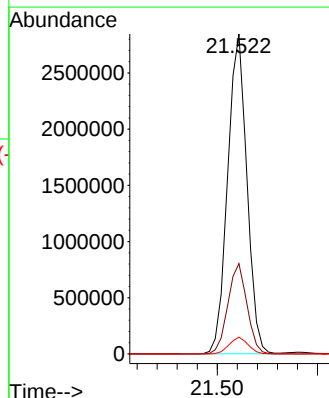
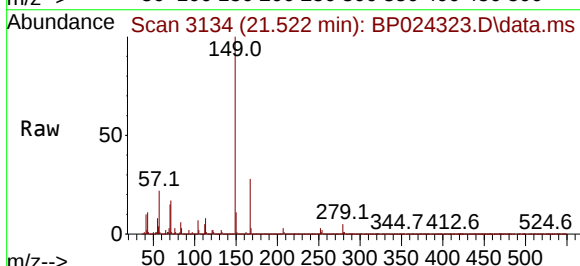
Tgt Ion:149 Resp: 3796363

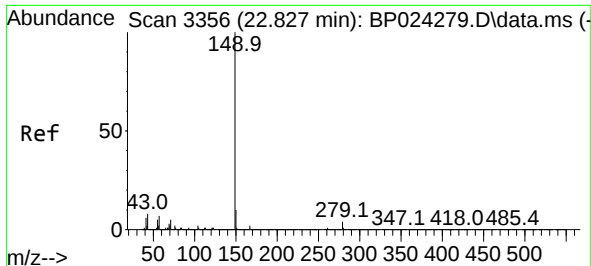
Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

279 5.3 4.0 6.0

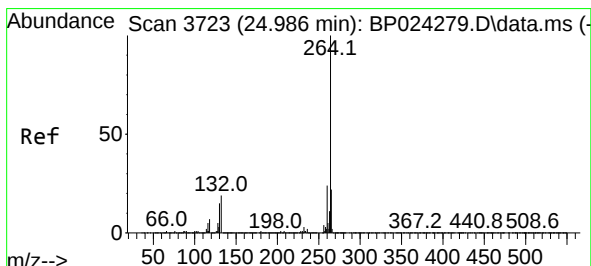
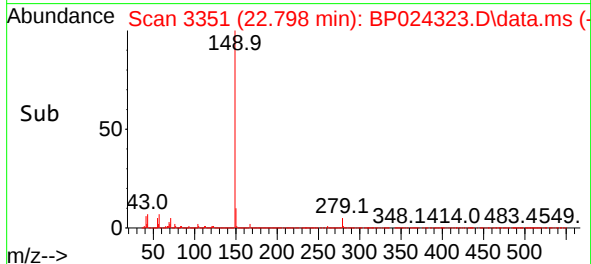
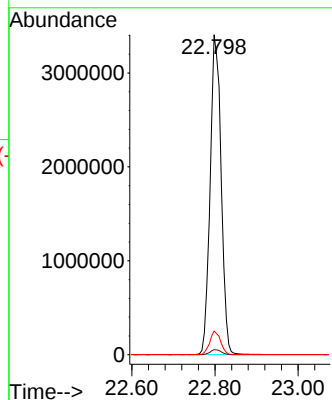
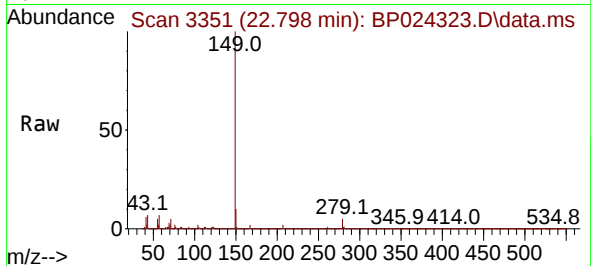




#85
Di-n-octyl phthalate
Concen: 49.614 ng
RT: 22.798 min Scan# 311
Delta R.T. -0.015 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

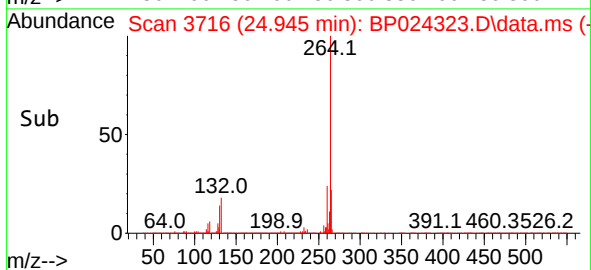
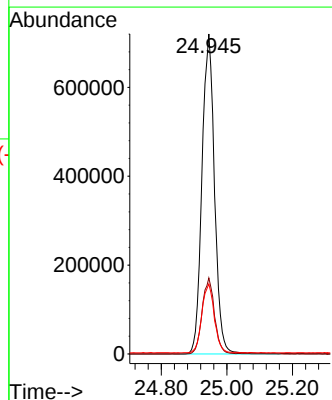
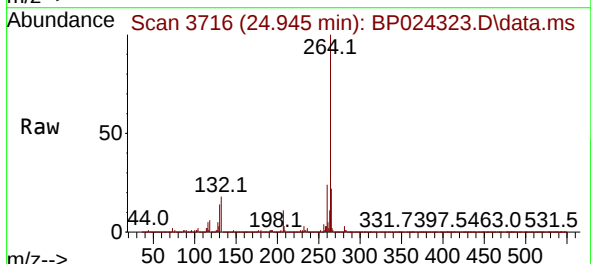
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

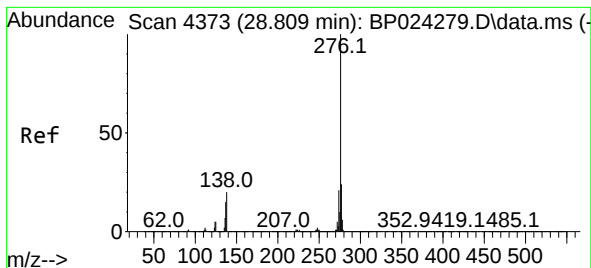
Tgt Ion:149 Resp: 6244844
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.2 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.945 min Scan# 3716
Delta R.T. -0.021 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:264 Resp: 1918974
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.897 ng

RT: 28.756 min Scan# 41

Delta R.T. -0.039 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

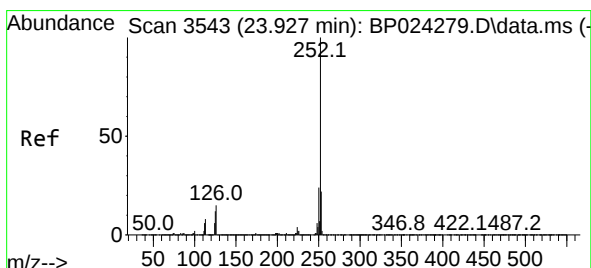
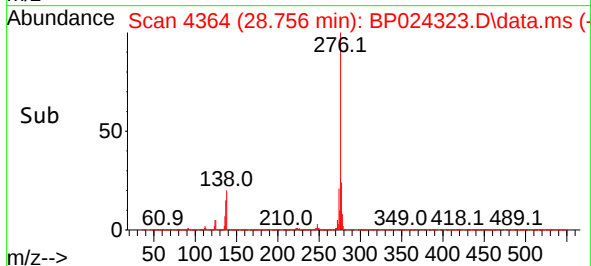
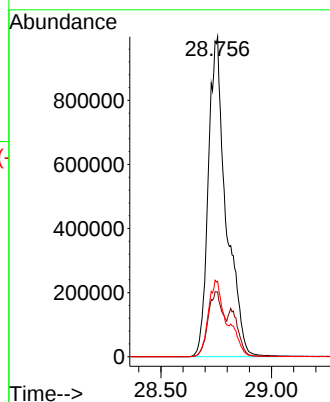
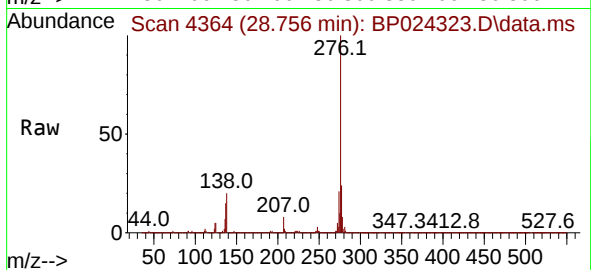
Tgt Ion:276 Resp: 5581645

Ion Ratio Lower Upper

276 100

138 17.3 14.5 21.7

277 20.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.181 ng

RT: 23.898 min Scan# 3538

Delta R.T. -0.015 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

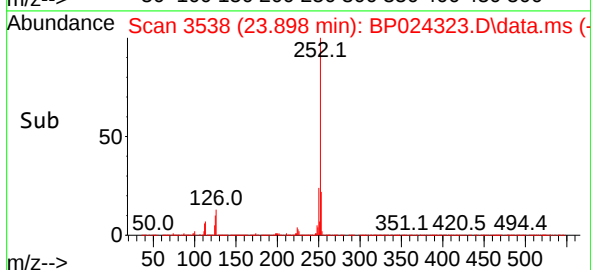
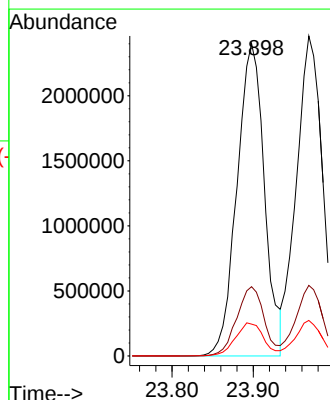
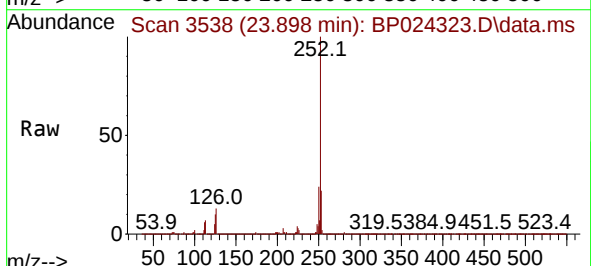
Tgt Ion:252 Resp: 5657100

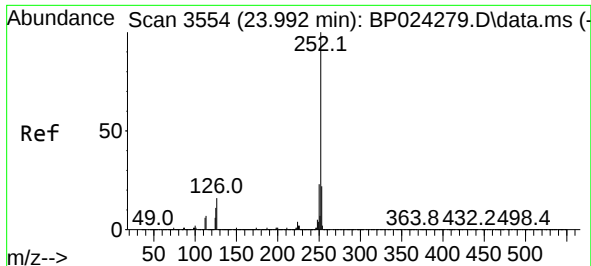
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.2 9.4 14.0

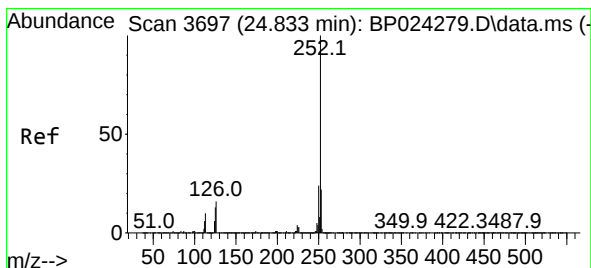
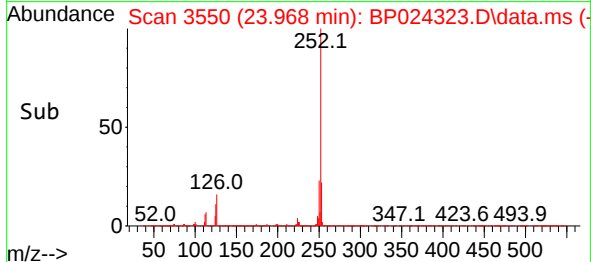
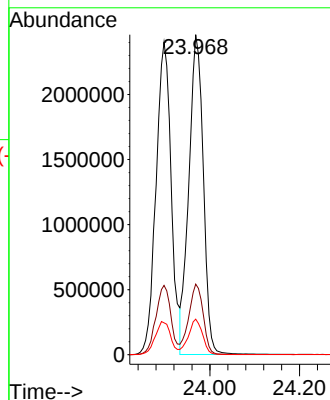
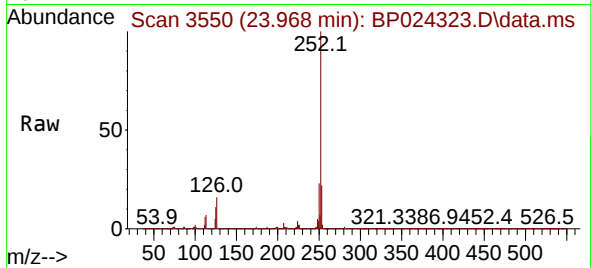




#89
Benzo(k)fluoranthene
Concen: 49.389 ng
RT: 23.968 min Scan# 31
Delta R.T. -0.009 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

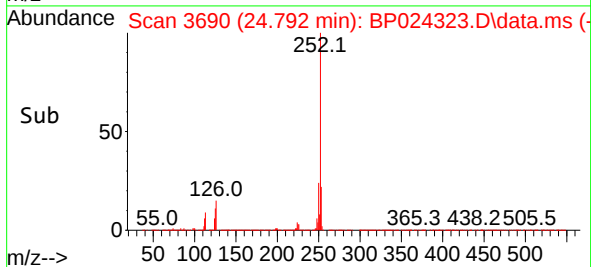
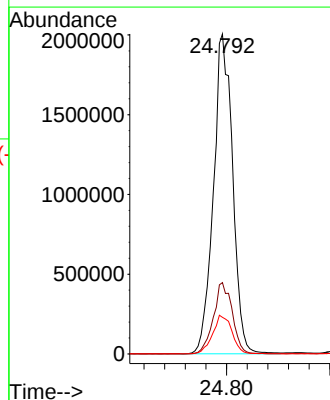
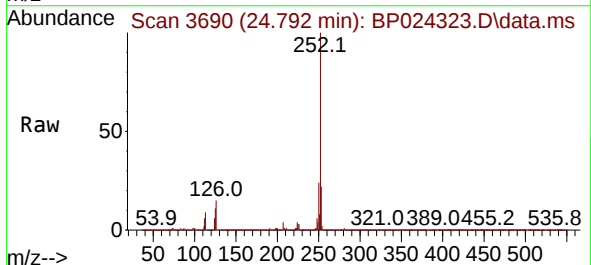
Instrument :
BNA_P
ClientSampleId :
PB167564BSD

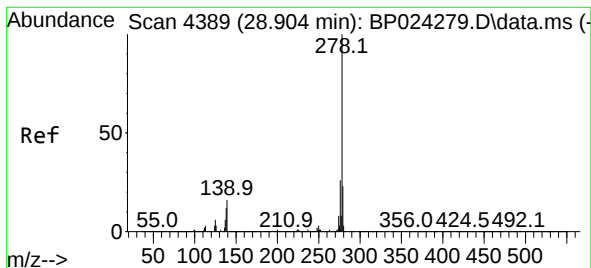
Tgt Ion:252 Resp: 5487531
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 52.024 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.021 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:252 Resp: 5161830
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 41.850 ng

RT: 28.827 min Scan# 41

Delta R.T. -0.039 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

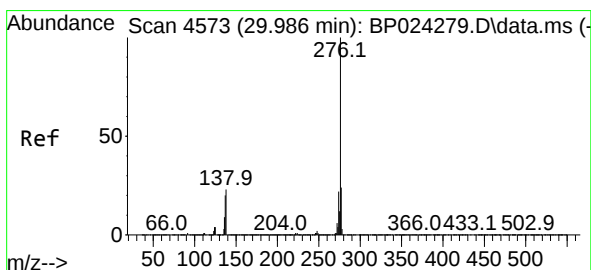
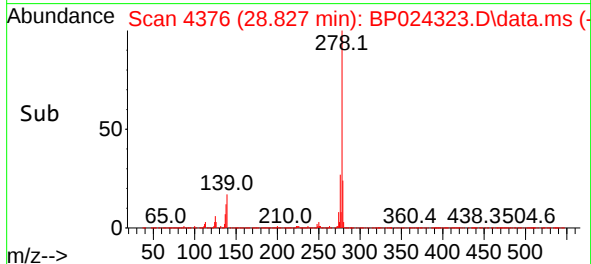
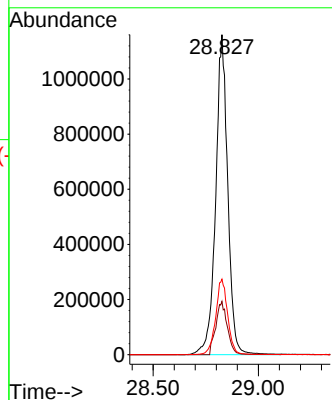
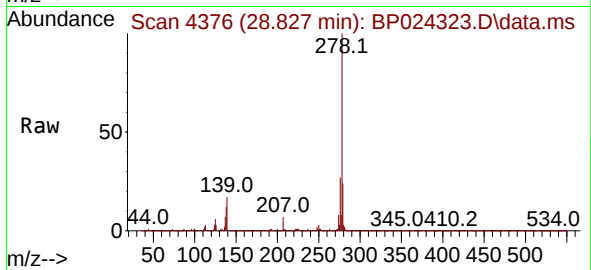
Tgt Ion:278 Resp: 4627739

Ion Ratio Lower Upper

278 100

139 16.7 12.6 19.0

279 23.6 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 38.705 ng

RT: 29.927 min Scan# 4563

Delta R.T. -0.051 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Tgt Ion:276 Resp: 4356459

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 23.2 18.7 28.1

