

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024181.D
 Acq On : 18 Mar 2025 11:07
 Operator : RC/JU
 Sample : PB167157BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

Quant Time: Mar 18 11:49:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	330651	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1324493	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	810278	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1519988	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1650496	20.000	ng	0.01
86) Perylene-d12	25.057	264	1679154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	3239471	156.392	ng	0.00
7) Phenol-d6	6.952	99	4090305	147.666	ng	0.00
23) Nitrobenzene-d5	8.922	82	2336787	99.543	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1567625	153.591	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5302619	96.496	ng	0.00
79) Terphenyl-d14	19.928	244	8176573	102.262	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	354433	43.167	ng	98
3) Pyridine	3.711	79	860358	38.330	ng	98
4) n-Nitrosodimethylamine	3.623	42	337476	45.008	ng	100
6) Aniline	7.105	93	958876	37.995	ng	98
8) 2-Chlorophenol	7.346	128	1045957	46.749	ng	99
9) Benzaldehyde	6.922	77	287327	21.495	ng	98
10) Phenol	6.981	94	1345578	48.120	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	994704	45.108	ng	99
12) 1,3-Dichlorobenzene	7.664	146	1085042	44.971	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1106186	44.903	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1066355	45.107	ng	100
15) Benzyl Alcohol	8.011	79	835938	47.668	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1064591	47.302	ng	97
17) 2-Methylphenol	8.216	107	862973	49.214	ng	100
18) Hexachloroethane	8.846	117	397431	45.472	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	722828	44.980	ng	98
20) 3+4-Methylphenols	8.540	107	1165885	48.396	ng	99
22) Acetophenone	8.587	105	1658596	49.531	ng	# 99
24) Nitrobenzene	8.963	77	1074581	46.402	ng	99
25) Isophorone	9.487	82	1941355	48.244	ng	99
26) 2-Nitrophenol	9.669	139	504613	45.617	ng	99
27) 2,4-Dimethylphenol	9.728	122	872998	61.374	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	1286717	45.452	ng	99
29) 2,4-Dichlorophenol	10.199	162	921412	47.885	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	939033	44.170	ng	99
31) Naphthalene	10.599	128	3065402	43.661	ng	100
32) Benzoic acid	9.875	122	699058	50.392	ng	100
33) 4-Chloroaniline	10.710	127	623657	24.821	ng	99
34) Hexachlorobutadiene	10.887	225	544411	44.496	ng	99
35) Caprolactam	11.499	113	333823	52.934	ng	95
36) 4-Chloro-3-methylphenol	11.840	107	977487	47.090	ng	98
37) 2-Methylnaphthalene	12.210	142	2042388	43.059	ng	99
38) 1-Methylnaphthalene	12.434	142	2002912	43.415	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1147800	49.004	ng	99
41) Hexachlorocyclopentadiene	12.563	237	1373213	162.644	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	695273	46.708	ng	100

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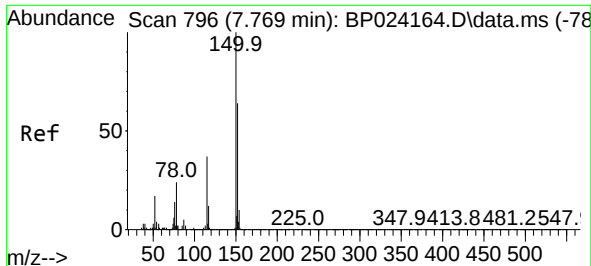
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	780193	47.792	ng	100
46) 1,1'-Biphenyl	13.228	154	2970132	48.780	ng	100
47) 2-Chloronaphthalene	13.263	162	2065291	45.095	ng	98
48) 2-Nitroaniline	13.469	65	578402	49.377	ng	96
49) Acenaphthylene	14.122	152	3327135	48.011	ng	100
50) Dimethylphthalate	13.857	163	2540405	44.807	ng	99
51) 2,6-Dinitrotoluene	13.969	165	553274	46.380	ng	99
52) Acenaphthene	14.469	154	2005750	45.300	ng	100
53) 3-Nitroaniline	14.304	138	388125	30.124	ng	99
54) 2,4-Dinitrophenol	14.516	184	727282	115.220	ng	99
55) Dibenzofuran	14.810	168	3101739	43.248	ng	99
56) 4-Nitrophenol	14.634	139	1179751	109.583	ng	99
57) 2,4-Dinitrotoluene	14.775	165	789863	50.127	ng	97
58) Fluorene	15.463	166	2559129	45.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	666462	46.209	ng	99
60) Diethylphthalate	15.240	149	2513522	44.519	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1232138	44.956	ng	100
62) 4-Nitroaniline	15.487	138	615562	45.552	ng	99
63) Azobenzene	15.763	77	2437011	45.795	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	427388	47.363	ng	96
66) n-Nitrosodiphenylamine	15.687	169	2179696	47.224	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	765644	45.880	ng	97
68) Hexachlorobenzene	16.492	284	899657	45.548	ng	97
69) Atrazine	16.669	200	843780	75.738	ng	99
70) Pentachlorophenol	16.851	266	1307939	102.396	ng	100
71) Phenanthrene	17.251	178	3886389	46.803	ng	100
72) Anthracene	17.351	178	3899598	48.218	ng	100
73) Carbazole	17.634	167	3705785	47.514	ng	99
74) Di-n-butylphthalate	18.222	149	4375417	47.258	ng	100
75) Fluoranthene	19.339	202	4465647	46.435	ng	100
77) Benzidine	19.539	184	1410850	78.183	ng	100
78) Pyrene	19.722	202	4772350	46.510	ng	100
80) Butylbenzylphthalate	20.663	149	2020153	47.741	ng	98
81) Benzo(a)anthracene	21.651	228	4828655	47.056	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	1193393	34.700	ng	99
83) Chrysene	21.716	228	4491727	45.533	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	2995615	46.917	ng	100
85) Di-n-octyl phthalate	22.892	149	4753251	46.464	ng	99
87) Indeno(1,2,3-cd)pyrene	28.933	276	5729823	48.893	ng	# 91
88) Benzo(b)fluoranthene	23.998	252	4826316	47.671	ng	97
89) Benzo(k)fluoranthene	24.069	252	4939409	49.876	ng	99
90) Benzo(a)pyrene	24.910	252	4563825	51.840	ng	99
91) Dibenzo(a,h)anthracene	29.004	278	4741549	48.632	ng	99
92) Benzo(g,h,i)perylene	30.121	276	4463272	45.033	ng	99

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

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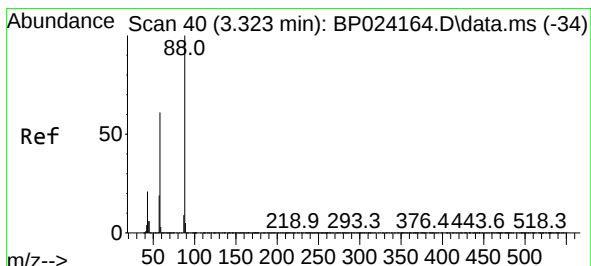
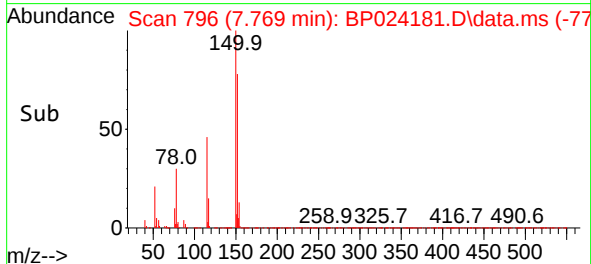
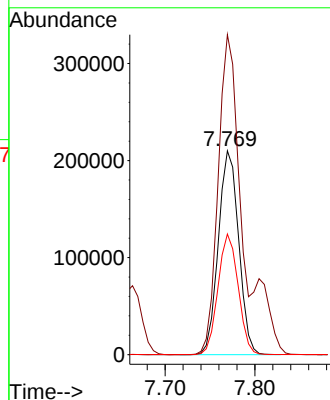
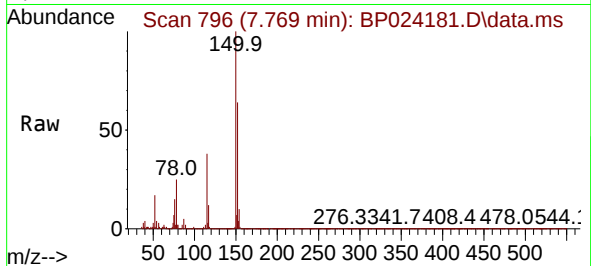




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

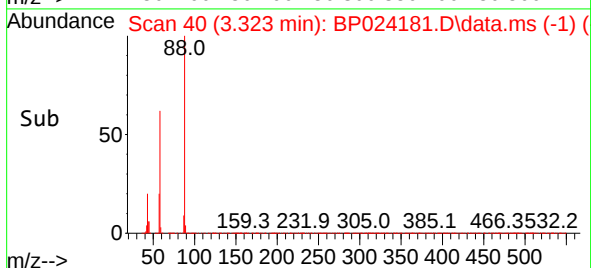
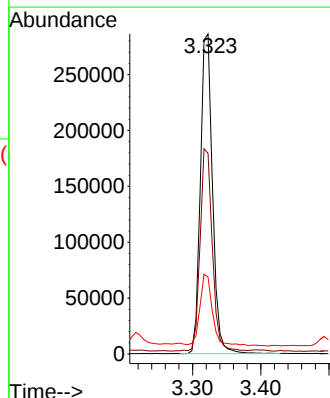
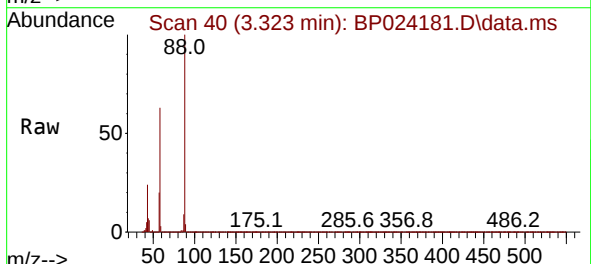
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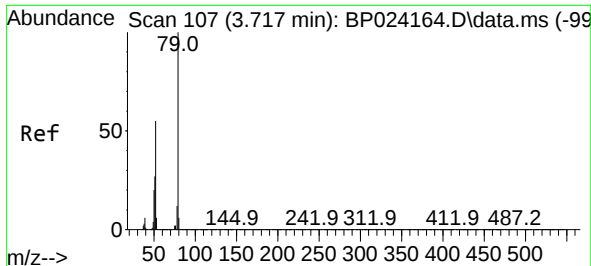
Tgt Ion:152 Resp: 330651
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.5 188.3
 115 59.2 46.3 69.5



#2
 1,4-Dioxane
 Concen: 43.167 ng
 RT: 3.323 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Tgt Ion: 88 Resp: 354433
 Ion Ratio Lower Upper
 88 100
 58 63.4 49.8 74.6
 43 23.5 17.3 25.9

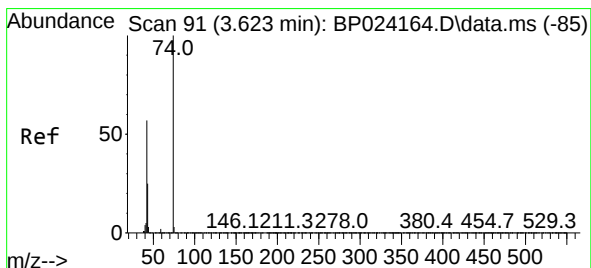
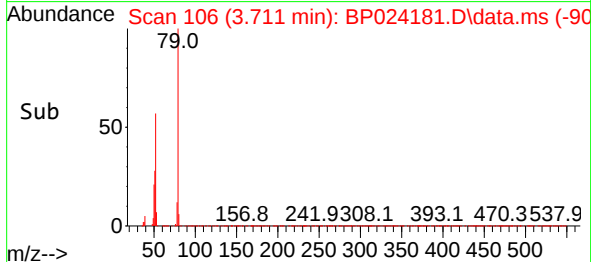
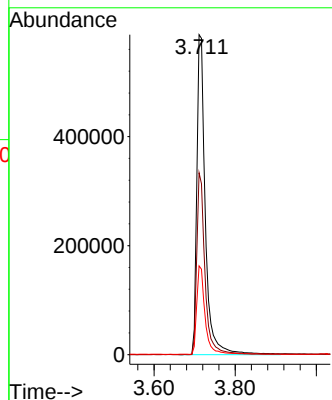
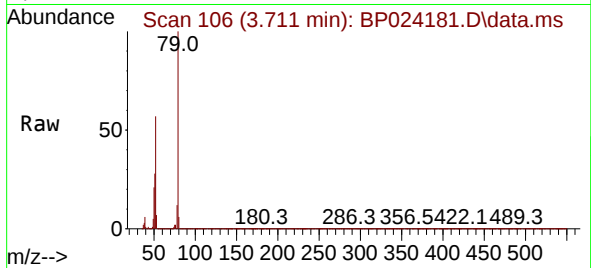




#3
Pyridine
Concen: 38.330 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

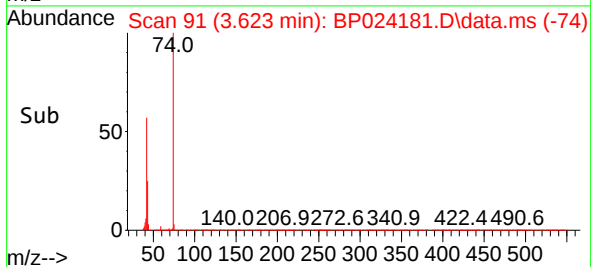
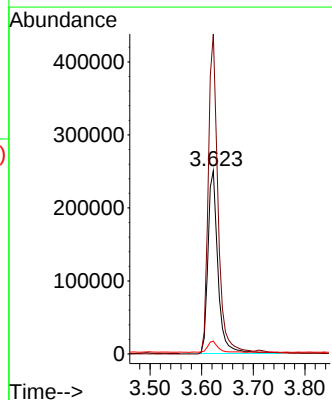
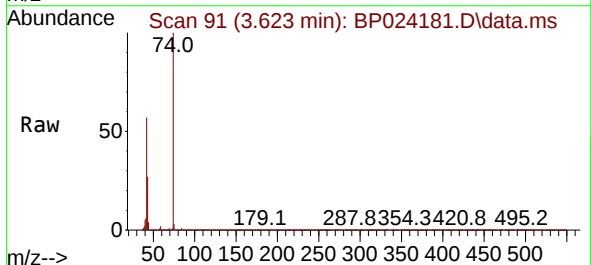
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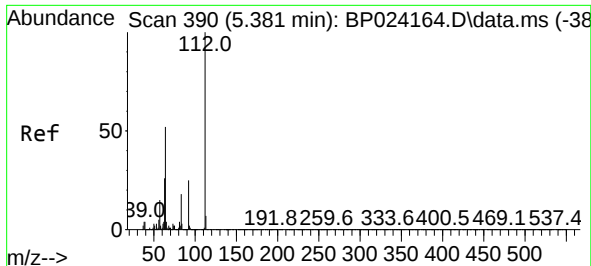
Tgt Ion: 79 Resp: 860358
Ion Ratio Lower Upper
79 100
52 56.9 43.8 65.8
51 27.7 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 45.008 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 42 Resp: 337476
Ion Ratio Lower Upper
42 100
74 174.7 139.8 209.6
44 7.0 5.3 7.9

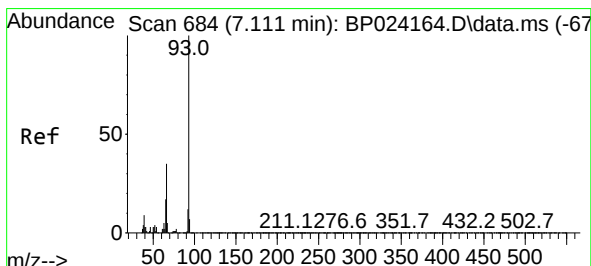
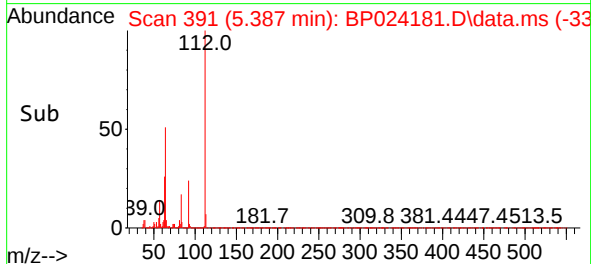
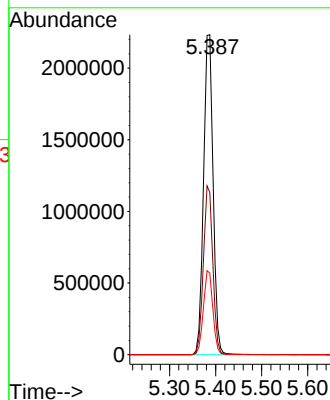
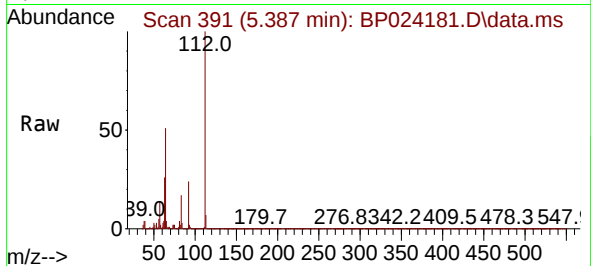




#5
2-Fluorophenol
Concen: 156.392 ng
RT: 5.387 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

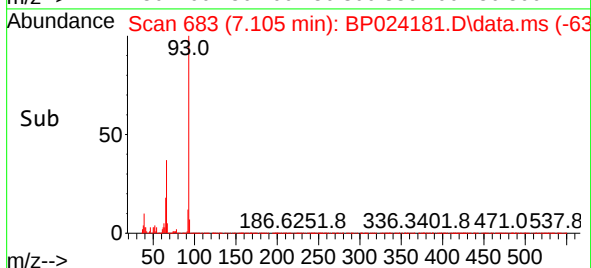
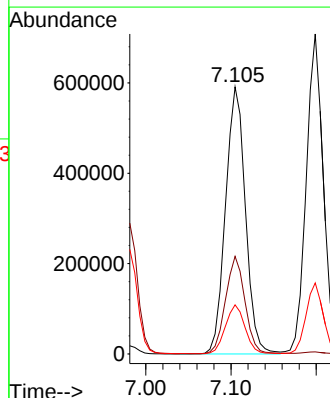
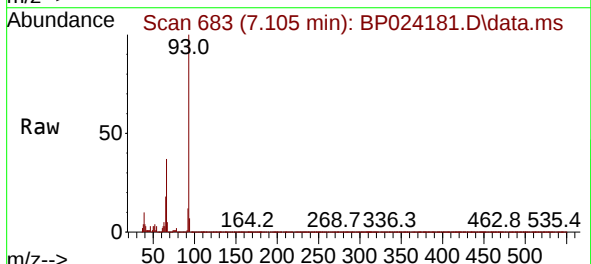
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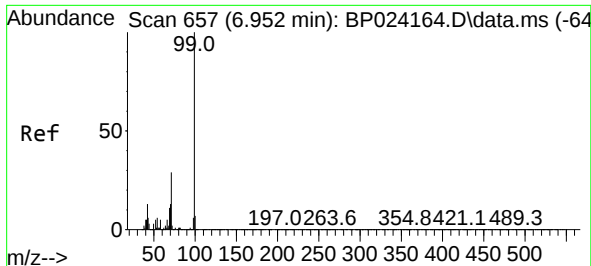
Tgt Ion:112 Resp: 3239471
Ion Ratio Lower Upper
112 100
64 50.7 41.3 61.9
63 25.5 20.6 31.0



#6
Aniline
Concen: 37.995 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 93 Resp: 958876
Ion Ratio Lower Upper
93 100
66 36.6 28.2 42.2
65 18.4 14.0 21.0

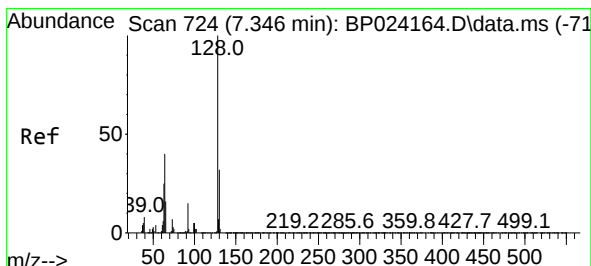
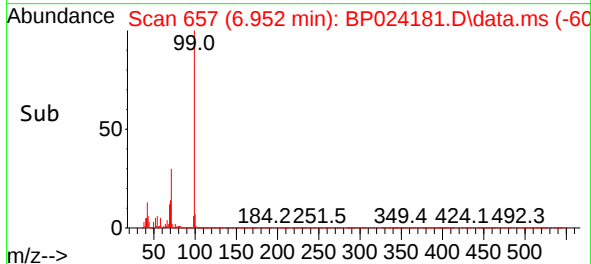
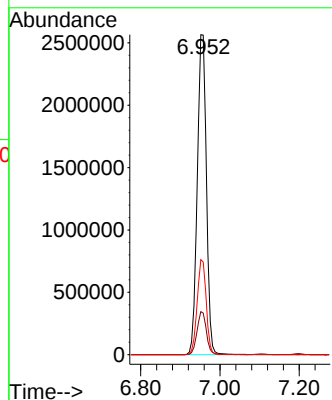
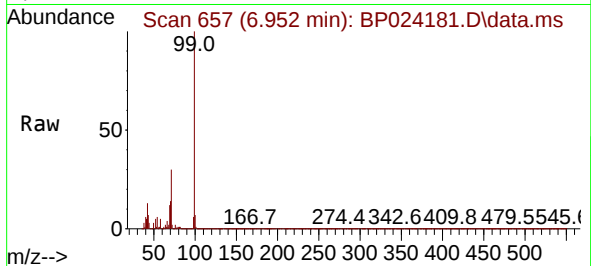




#7
Phenol-d6
Concen: 147.666 ng
RT: 6.952 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

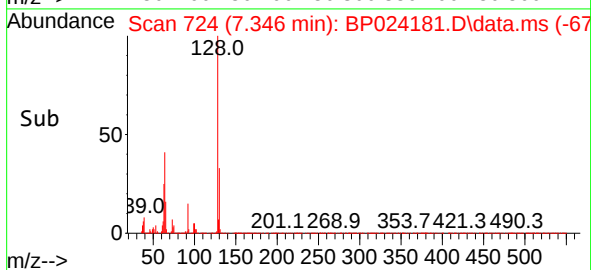
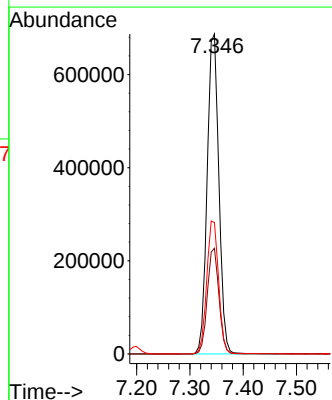
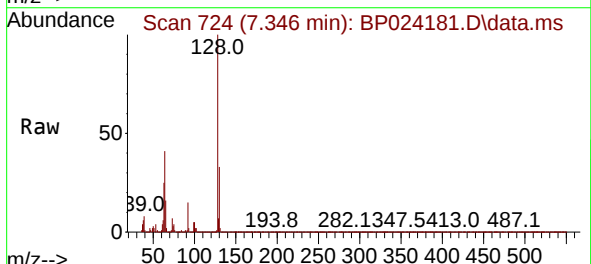
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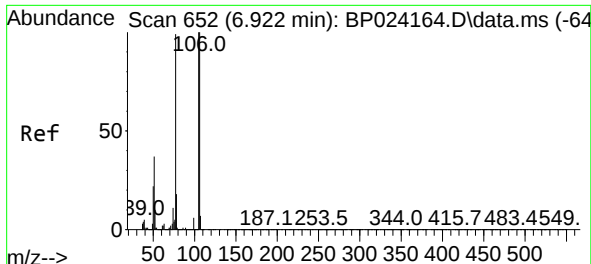
Tgt Ion: 99 Resp: 4090305
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.7 23.3 34.9



#8
2-Chlorophenol
Concen: 46.749 ng
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:128 Resp: 1045957
Ion Ratio Lower Upper
128 100
130 33.1 12.0 52.0
64 41.1 21.6 61.6

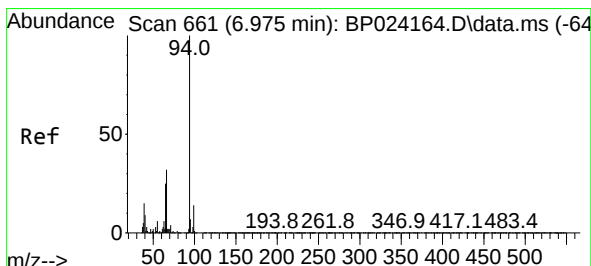
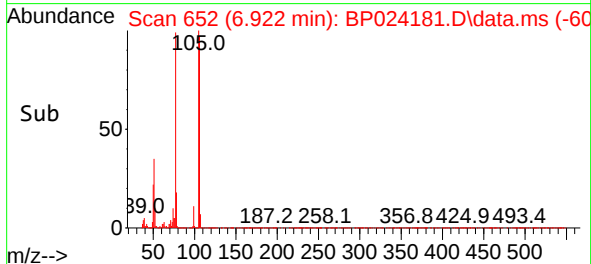
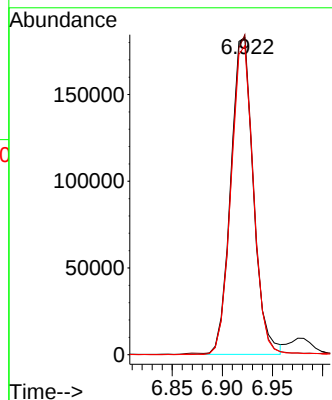
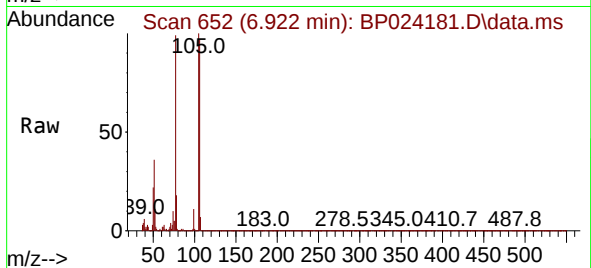




#9
Benzaldehyde
Concen: 21.495 ng
RT: 6.922 min Scan# 611
Delta R.T. -0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

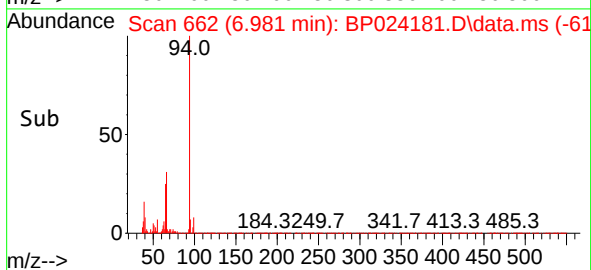
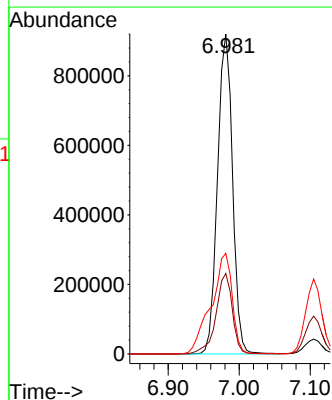
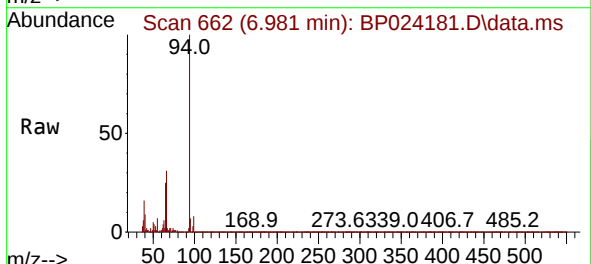
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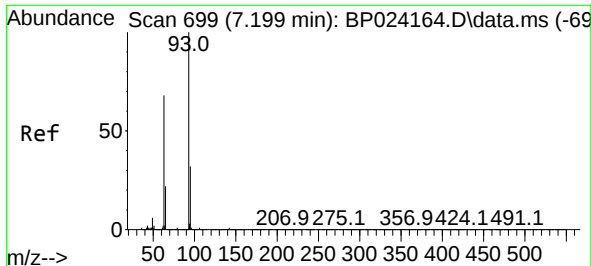
Tgt Ion: 77 Resp: 287327
Ion Ratio Lower Upper
77 100
105 100.9 81.4 121.4
106 97.4 81.1 121.1



#10
Phenol
Concen: 48.120 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 94 Resp: 1345578
Ion Ratio Lower Upper
94 100
65 25.2 4.9 44.9
66 31.5 11.9 51.9

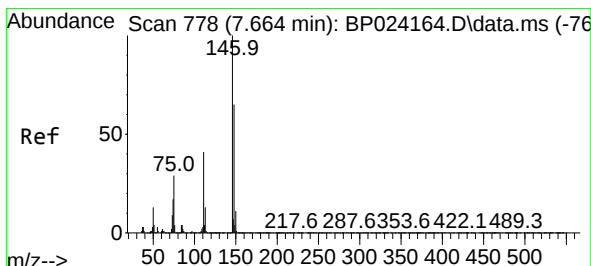
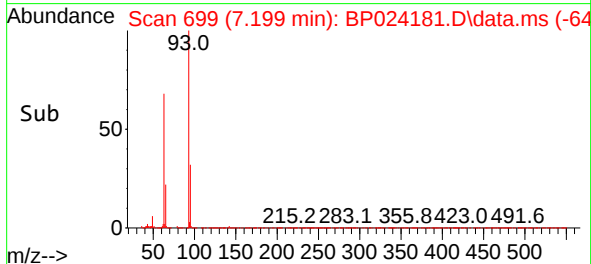
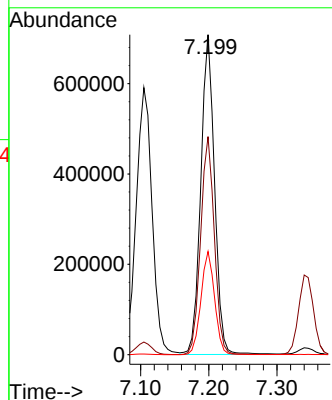
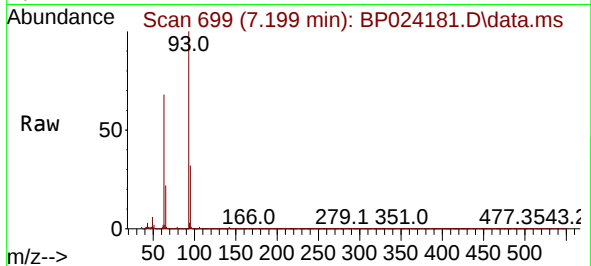




#11
bis(2-Chloroethyl)ether
Concen: 45.108 ng
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

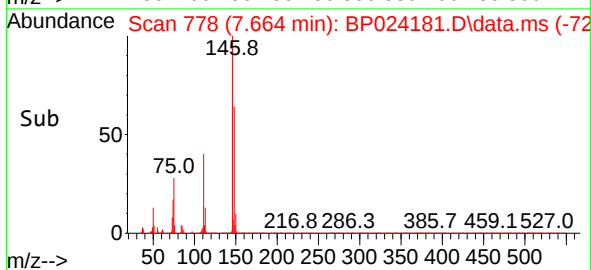
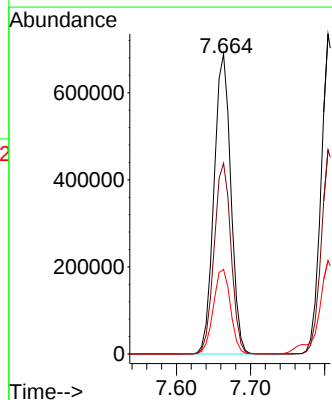
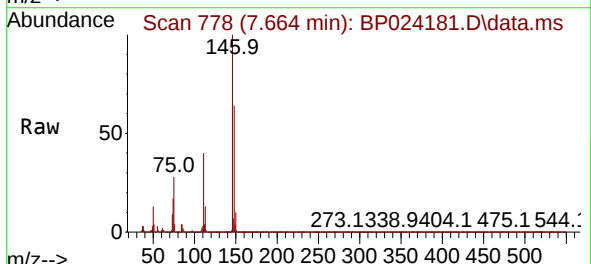
Instrument :
BNA_P
ClientSampleId :
PB167157BS

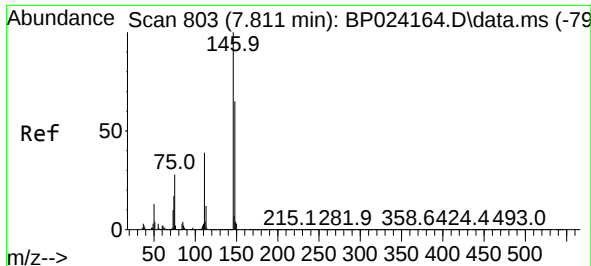
Tgt Ion:	93	Resp:	994704
Ion	Ratio	Lower	Upper
93	100		
63	68.1	47.4	87.4
95	32.3	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 44.971 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:	146	Resp:	1085042
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
75	28.2	22.8	34.2

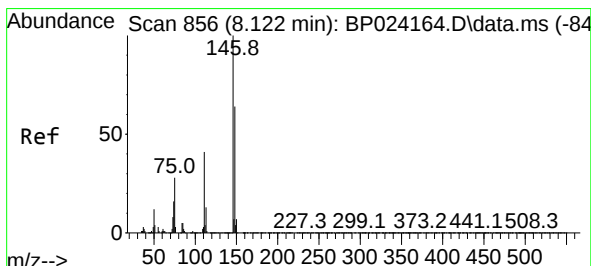
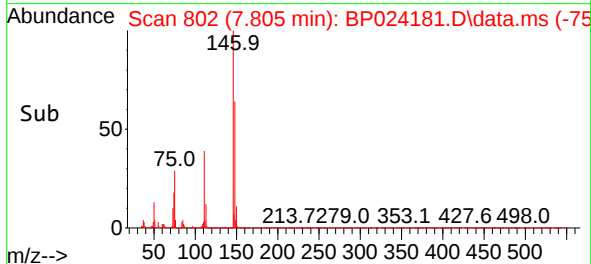
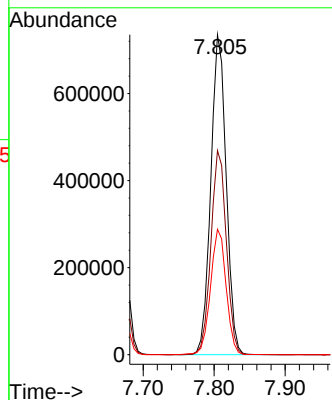
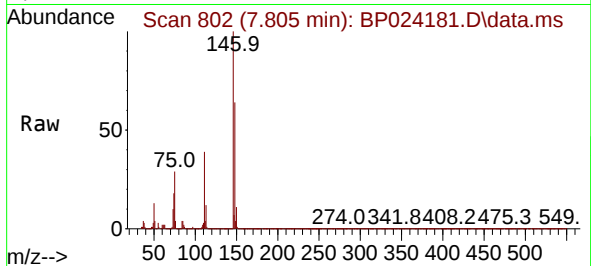




#13
1,4-Dichlorobenzene
Concen: 44.903 ng
RT: 7.805 min Scan# 803
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

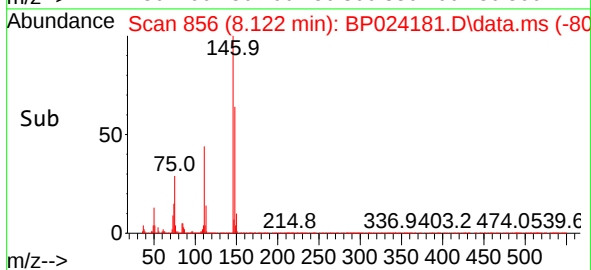
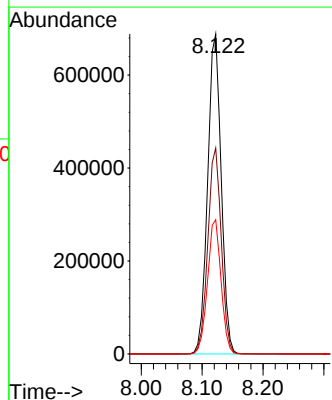
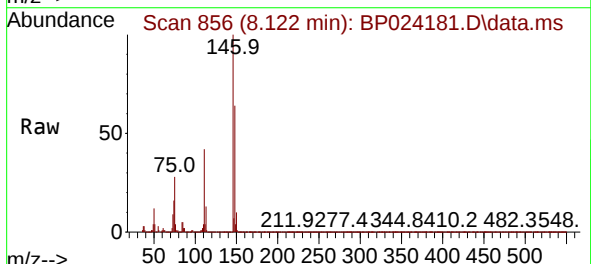
Instrument :
BNA_P
ClientSampleId :
PB167157BS

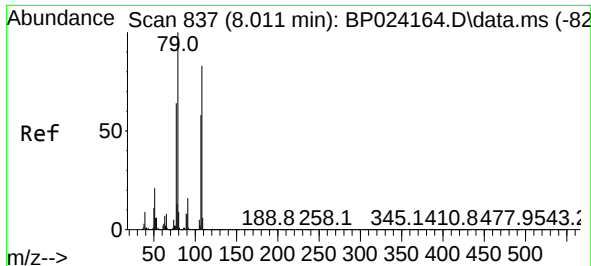
Tgt Ion:146 Resp: 1106186
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 39.2 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 45.107 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:146 Resp: 1066355
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 42.0 33.2 49.8

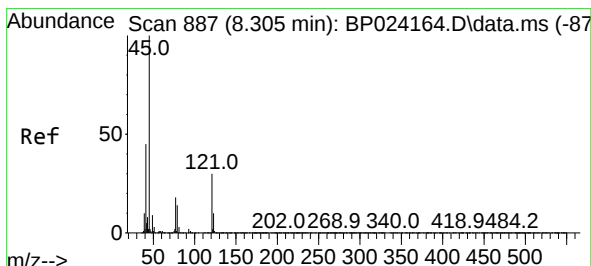
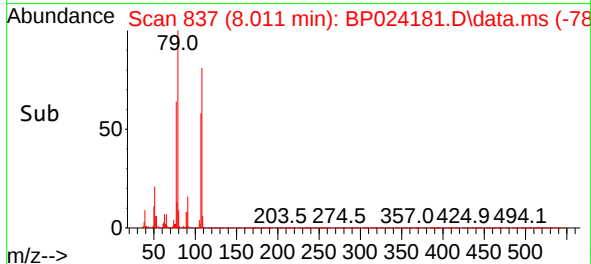
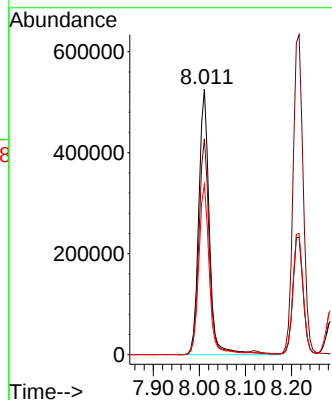
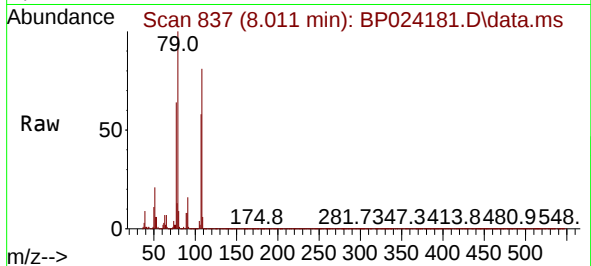




#15
Benzyl Alcohol
Concen: 47.668 ng
RT: 8.011 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

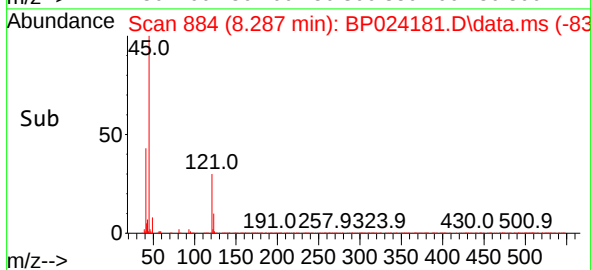
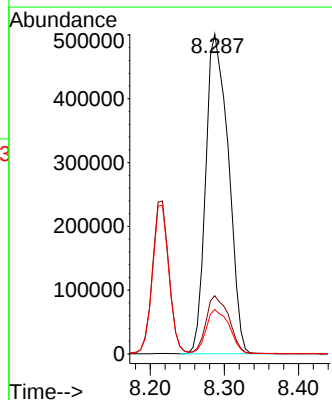
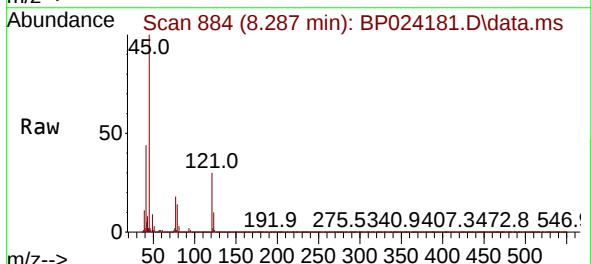
Instrument :
BNA_P
ClientSampleId :
PB167157BS

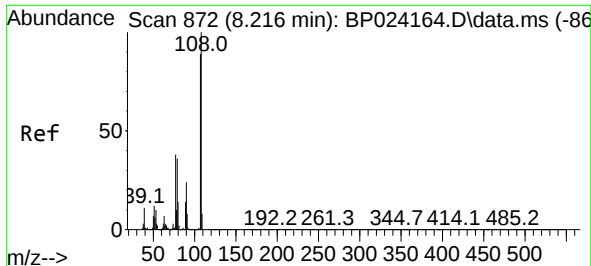
Tgt Ion: 79 Resp: 835938
Ion Ratio Lower Upper
79 100
108 81.3 66.5 99.7
77 64.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.302 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 45 Resp: 1064591
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.0
79 13.9 0.0 35.6

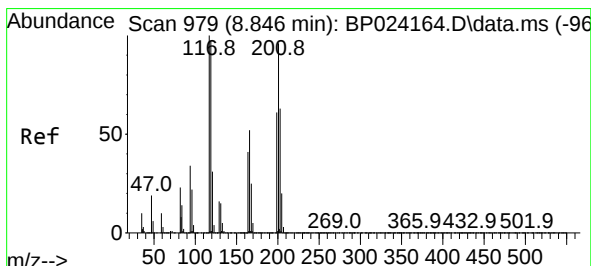
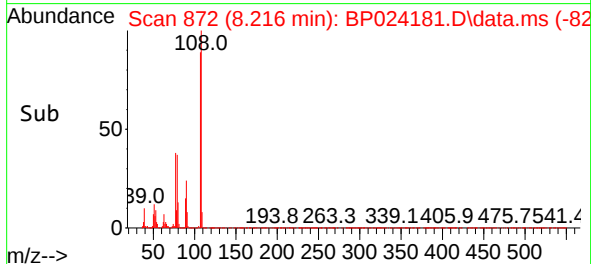
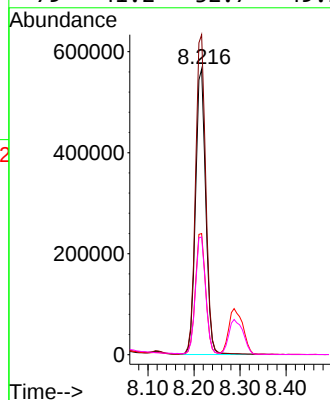
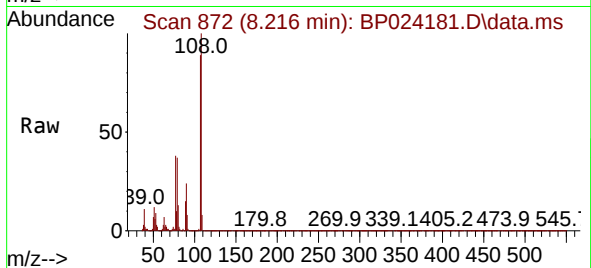




#17
2-Methylphenol
Concen: 49.214 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

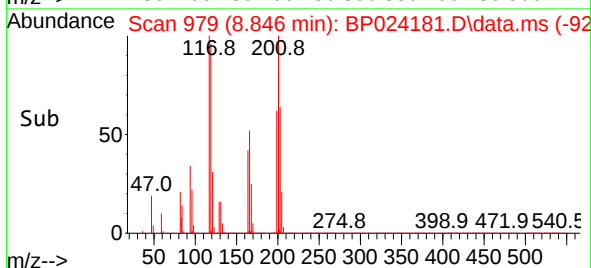
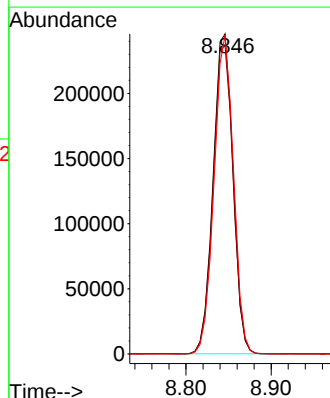
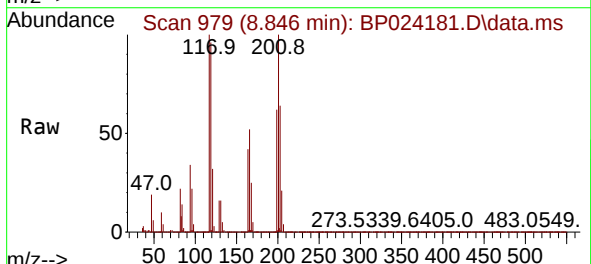
Instrument :
BNA_P
ClientSampleId :
PB167157BS

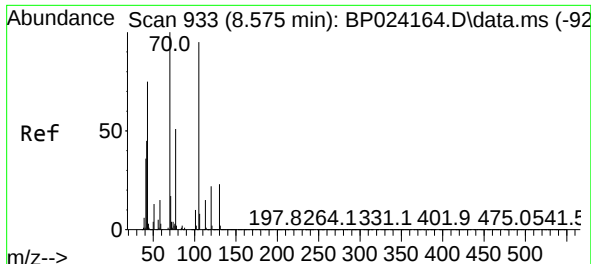
Tgt Ion:	107	Resp:	862973
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	42.4	34.0	51.0
79	41.2	32.7	49.1



#18
Hexachloroethane
Concen: 45.472 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:	117	Resp:	397431
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	99.5	76.6	114.8

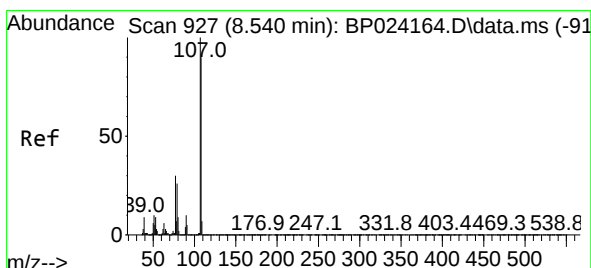
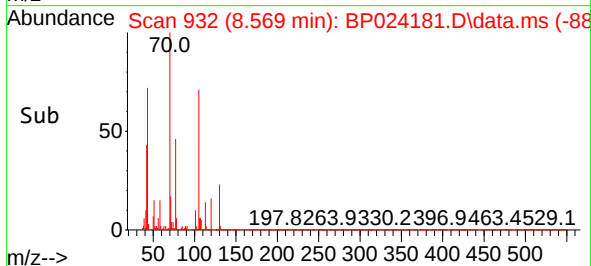
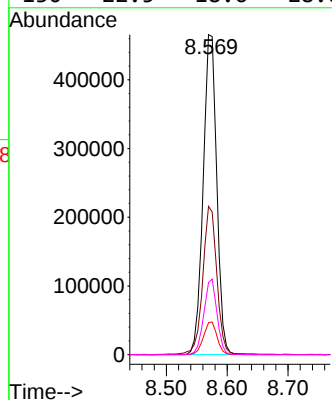
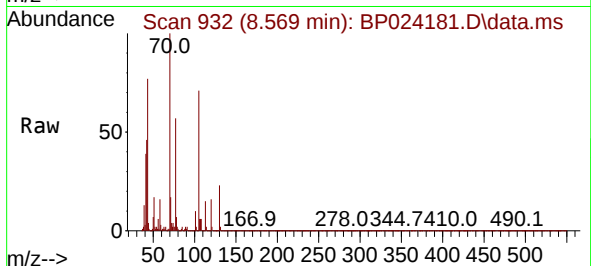




#19
n-Nitroso-di-n-propylamine
Concen: 44.980 ng
RT: 8.569 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

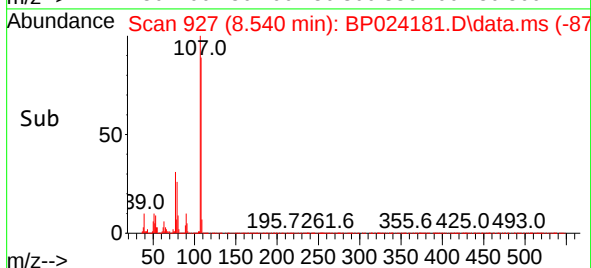
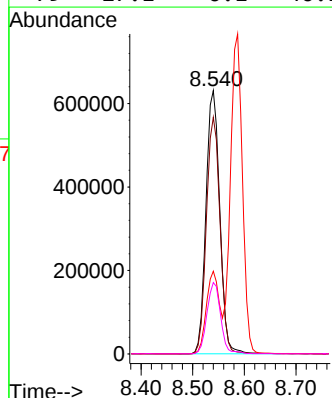
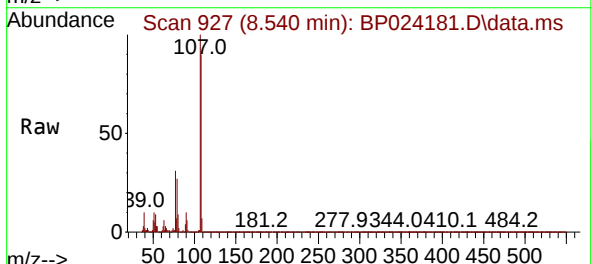
Instrument :
BNA_P
ClientSampleId :
PB167157BS

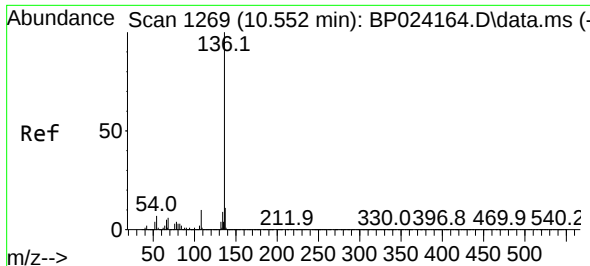
Tgt Ion: 70 Resp: 722828
Ion Ratio Lower Upper
70 100
42 46.4 36.0 54.0
101 10.0 8.3 12.5
130 22.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 48.396 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 107 Resp: 1165885
Ion Ratio Lower Upper
107 100
108 89.9 69.7 109.7
77 31.4 10.3 50.3
79 27.1 6.1 46.1



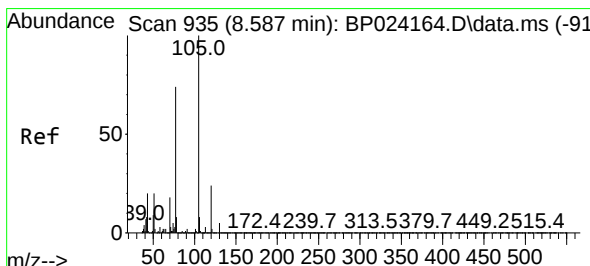
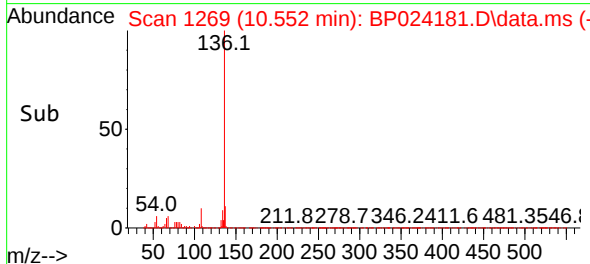
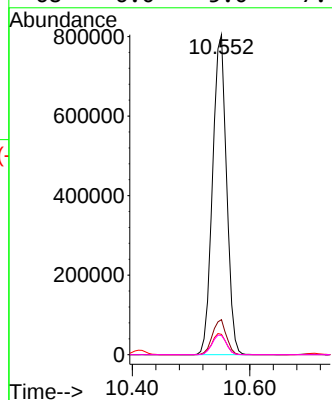
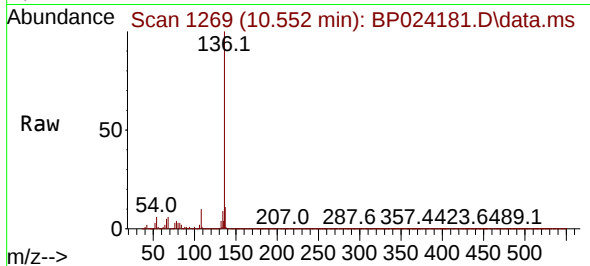


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Instrument :
BNA_P
ClientSampleId :
PB167157BS

Tgt Ion:136 Resp: 1324493

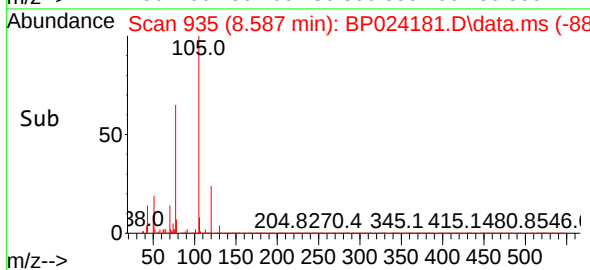
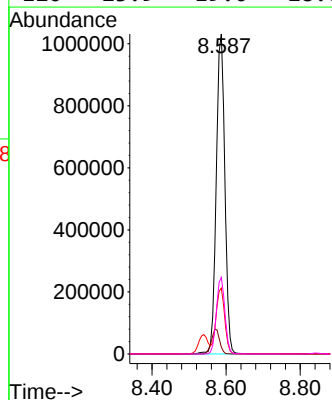
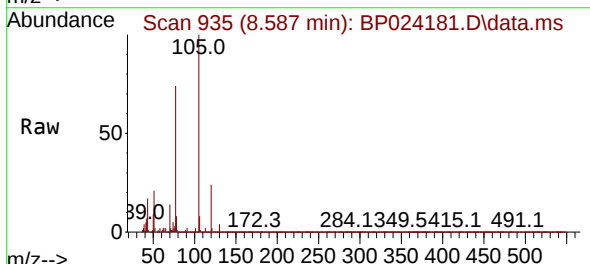
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.4	5.3	7.9
68	6.0	5.0	7.4

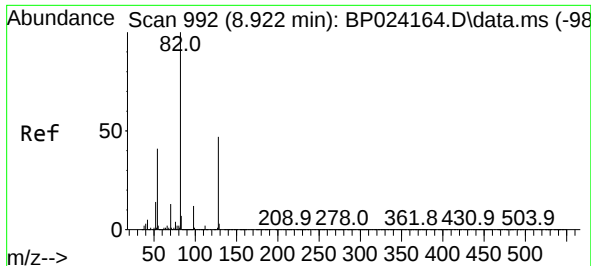


#22
Acetophenone
Concen: 49.531 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:105 Resp: 1658596

Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.4	3.6
51	20.6	16.2	24.2
120	23.9	19.0	28.6

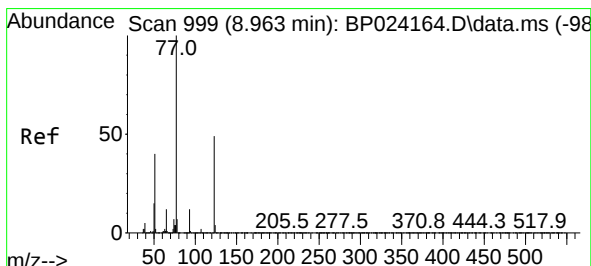
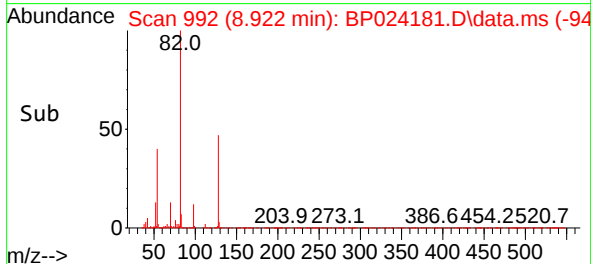
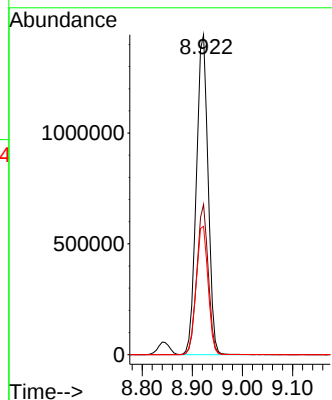
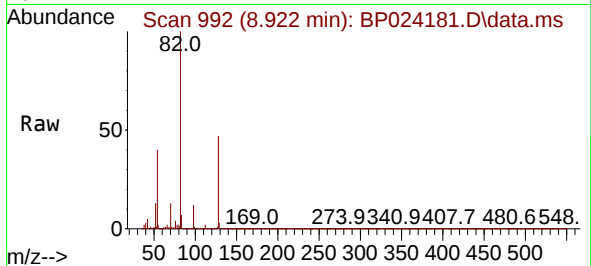




#23
Nitrobenzene-d5
Concen: 99.543 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

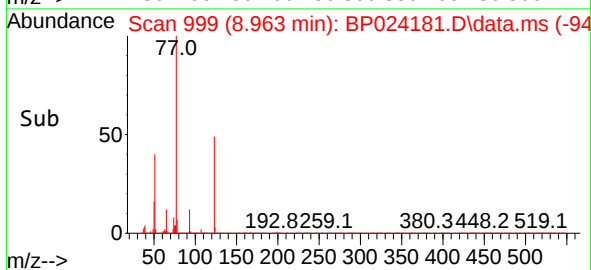
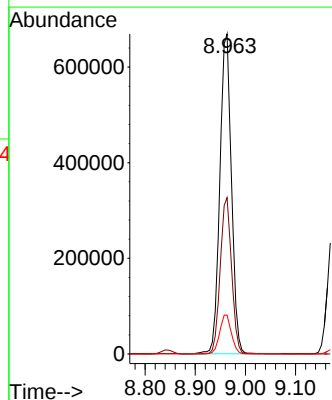
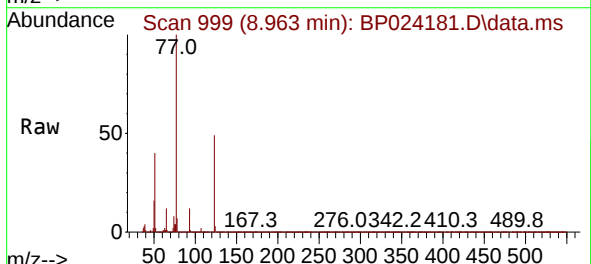
Instrument :
BNA_P
ClientSampleId :
PB167157BS

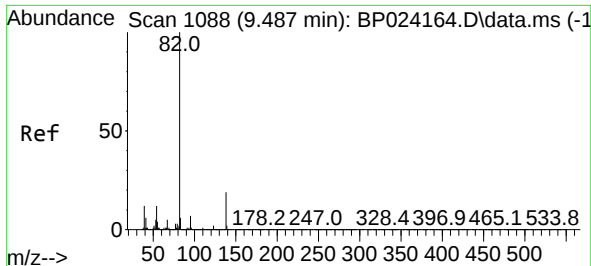
Tgt Ion: 82 Resp: 2336787
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.0
54 40.1 32.5 48.7



#24
Nitrobenzene
Concen: 46.402 ng
RT: 8.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 77 Resp: 1074581
Ion Ratio Lower Upper
77 100
123 48.9 39.4 59.2
65 12.1 9.9 14.9

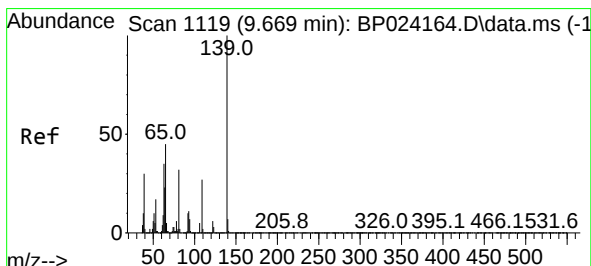
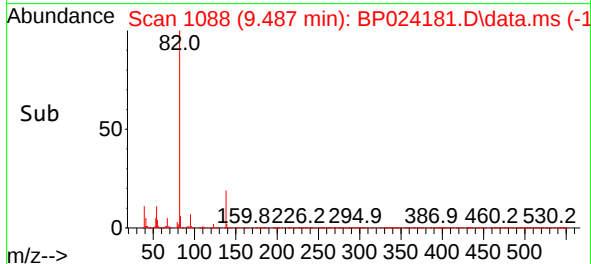
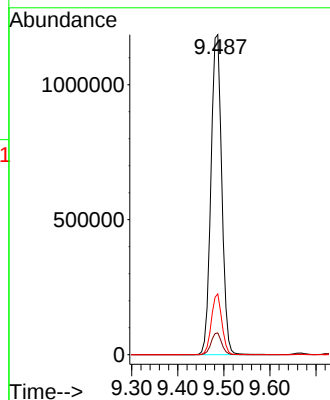
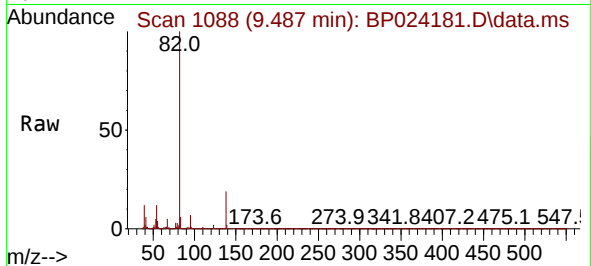




#25
Isophorone
Concen: 48.244 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

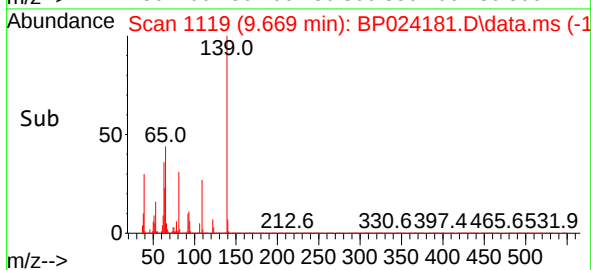
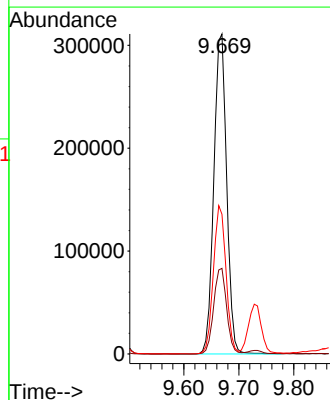
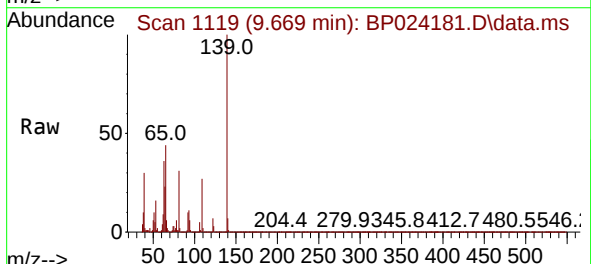
Instrument :
BNA_P
ClientSampleId :
PB167157BS

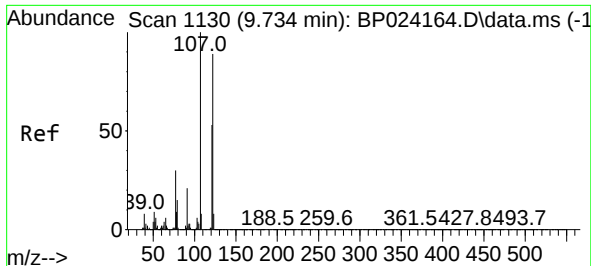
Tgt Ion: 82 Resp: 1941355
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 45.617 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 139 Resp: 504613
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 43.7 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 61.374 ng

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

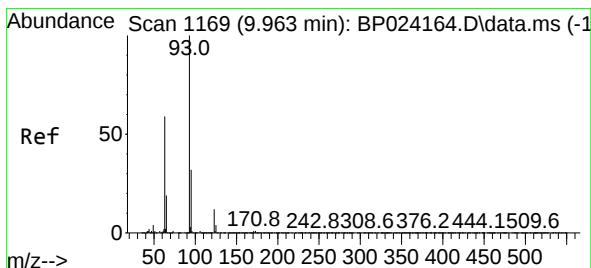
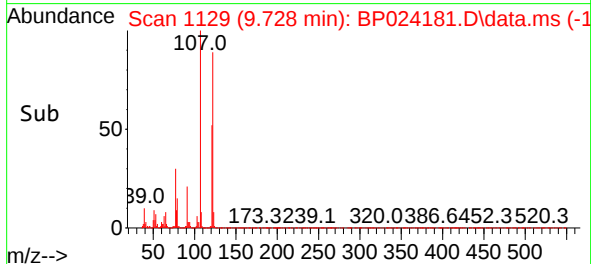
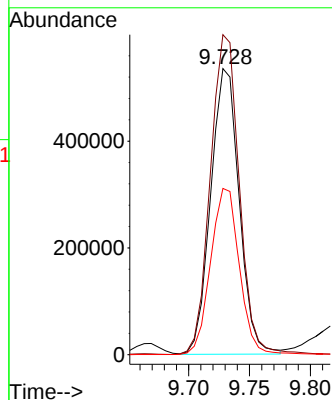
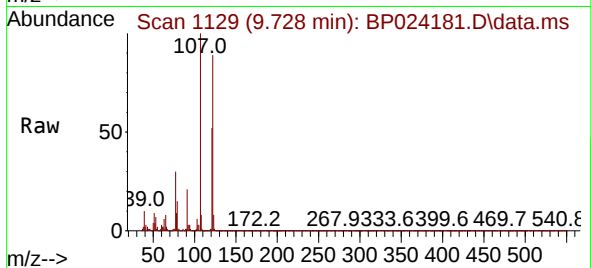
Tgt Ion:122 Resp: 872998

Ion Ratio Lower Upper

122 100

107 111.8 89.3 133.9

121 58.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.452 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

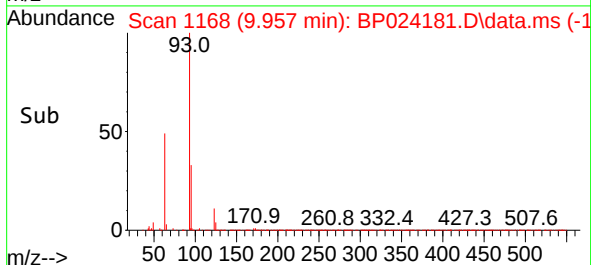
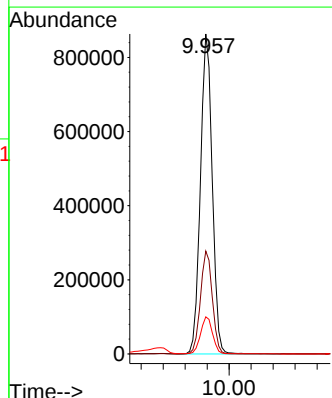
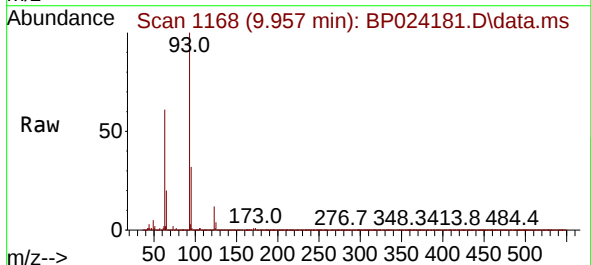
Tgt Ion: 93 Resp: 1286717

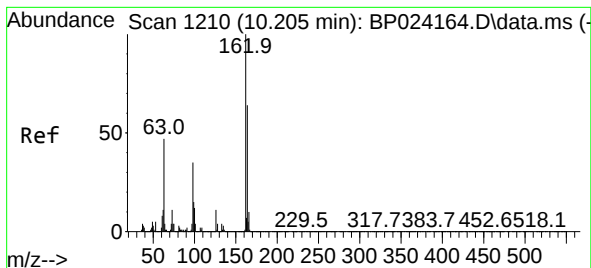
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.885 ng

RT: 10.199 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

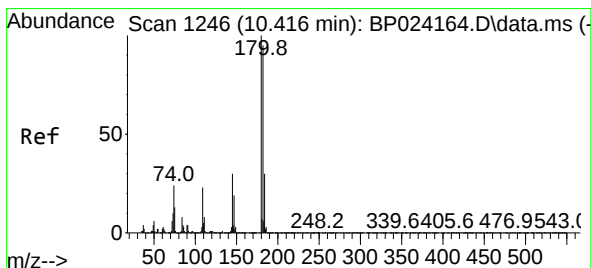
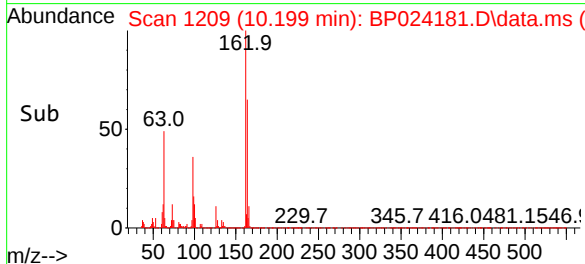
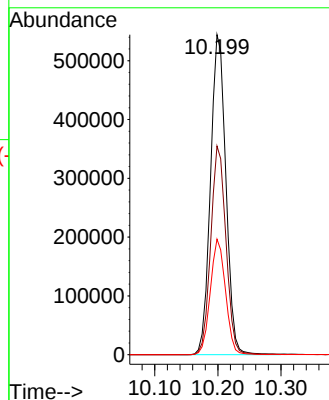
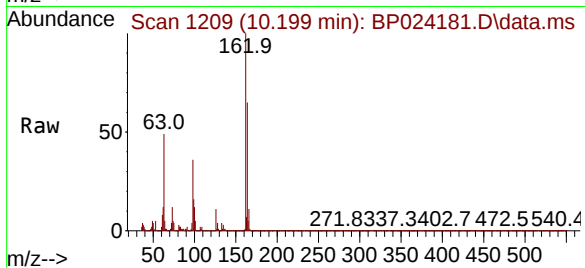
Tgt Ion:162 Resp: 921412

Ion Ratio Lower Upper

162 100

164 65.2 44.2 84.2

98 36.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 44.170 ng

RT: 10.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

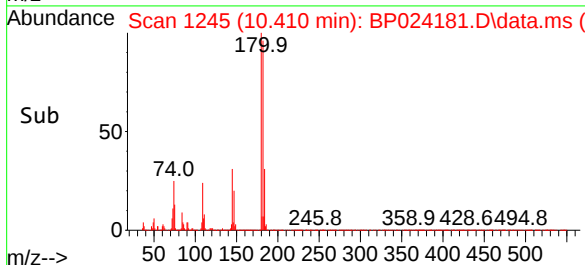
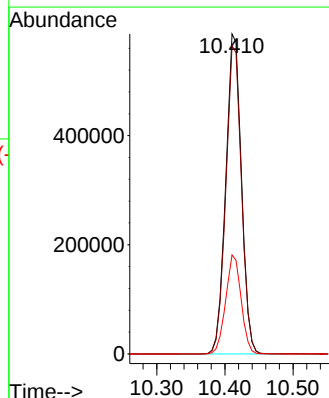
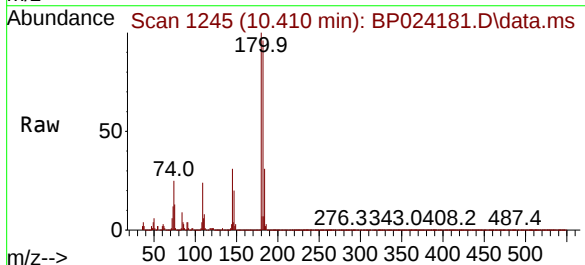
Tgt Ion:180 Resp: 939033

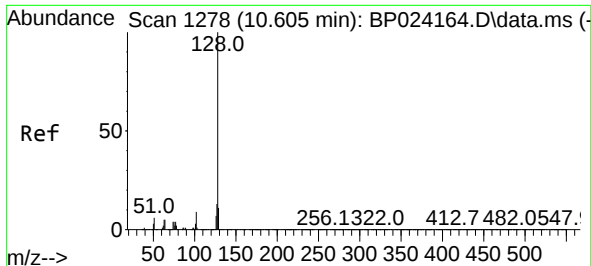
Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

145 31.0 24.2 36.2

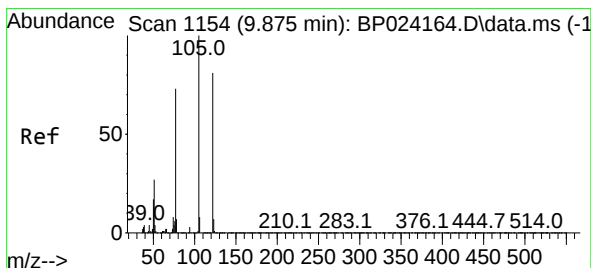
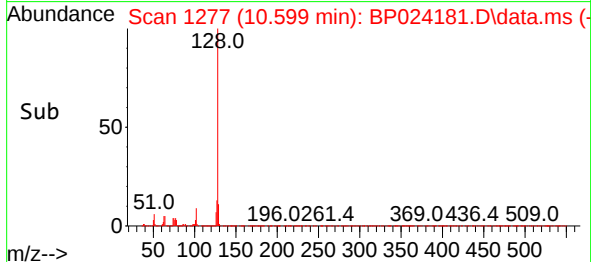
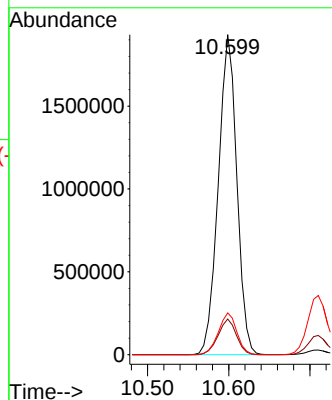
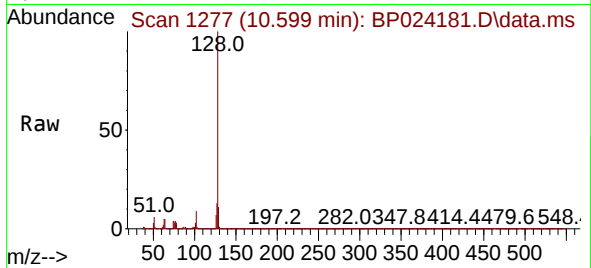




#31
Naphthalene
Concen: 43.661 ng
RT: 10.599 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

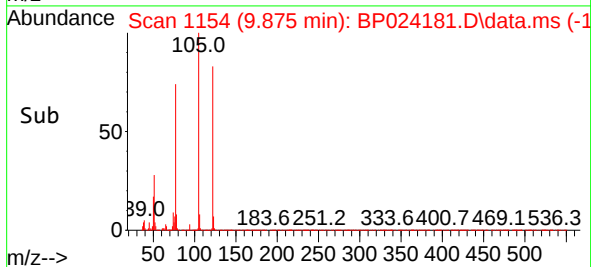
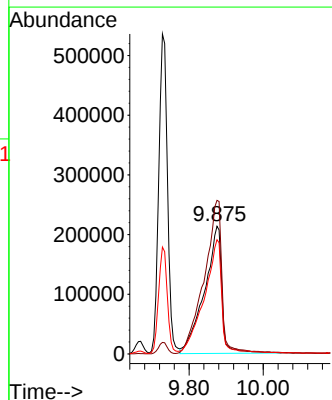
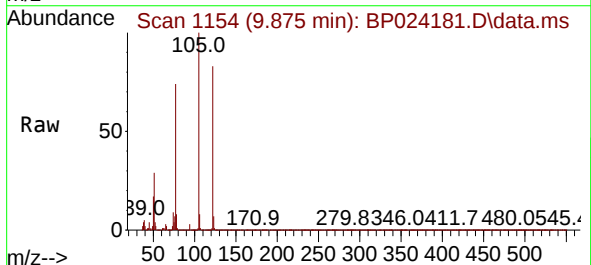
Instrument :
BNA_P
ClientSampleId :
PB167157BS

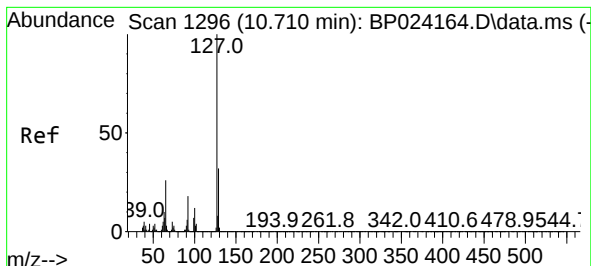
Tgt Ion:128 Resp: 3065402
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 50.392 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:122 Resp: 699058
Ion Ratio Lower Upper
122 100
105 120.3 100.3 140.3
77 89.5 69.1 109.1

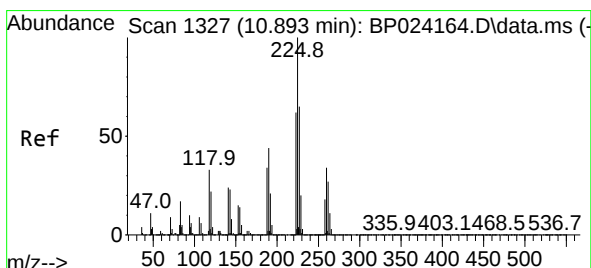
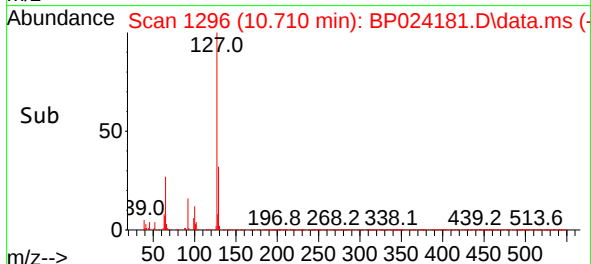
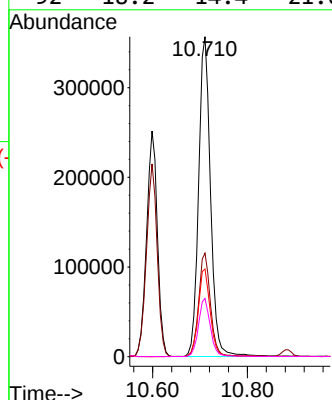
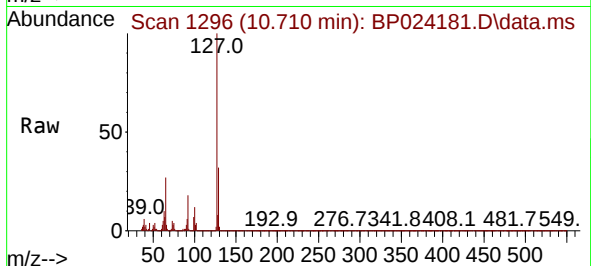




#33
4-Chloroaniline
Concen: 24.821 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

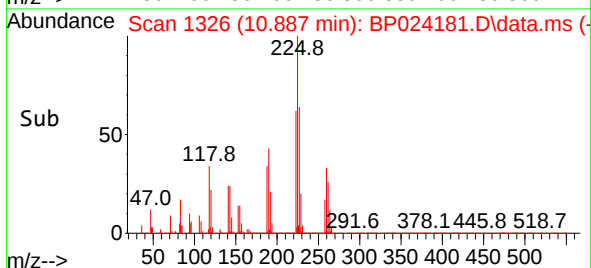
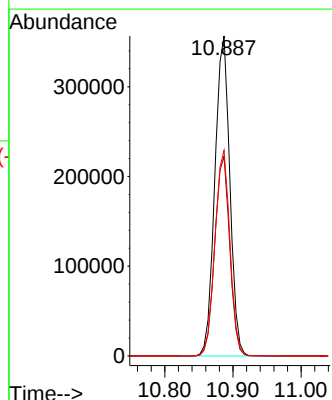
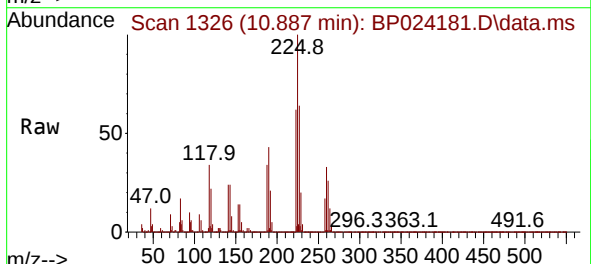
Instrument :
BNA_P
ClientSampleId :
PB167157BS

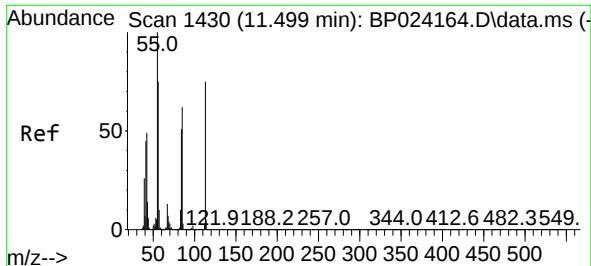
Tgt Ion:	127	Resp:	623657
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.4	21.2	31.8
92	18.2	14.4	21.6



#34
Hexachlorobutadiene
Concen: 44.496 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:	225	Resp:	544411
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	64.2	52.2	78.2

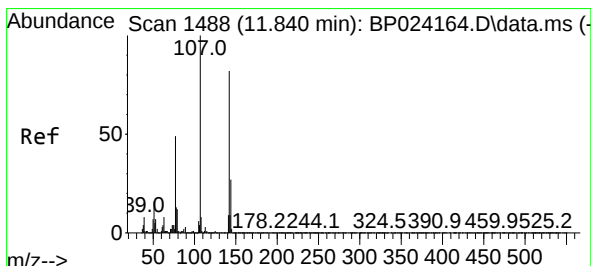
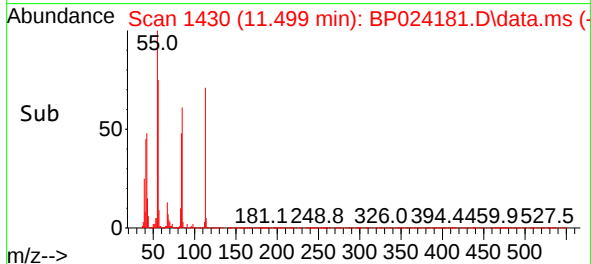
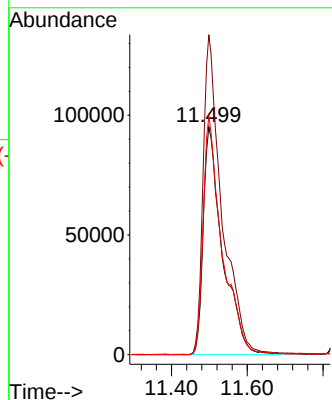
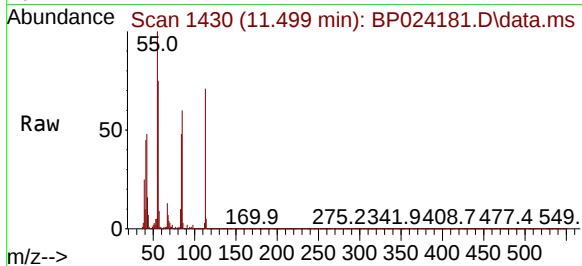




#35
Caprolactam
Concen: 52.934 ng
RT: 11.499 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

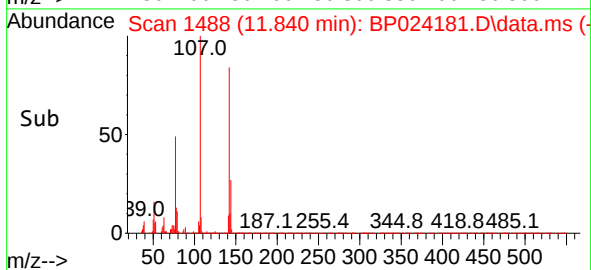
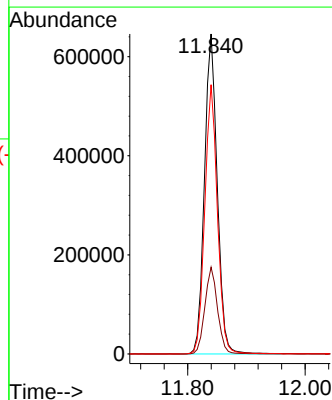
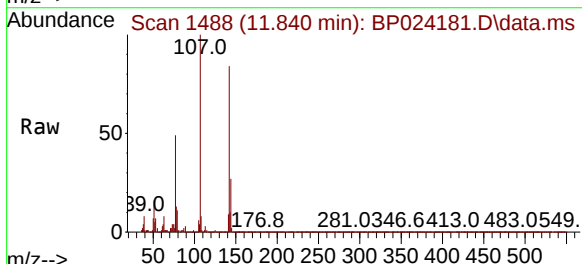
Instrument :
BNA_P
ClientSampleId :
PB167157BS

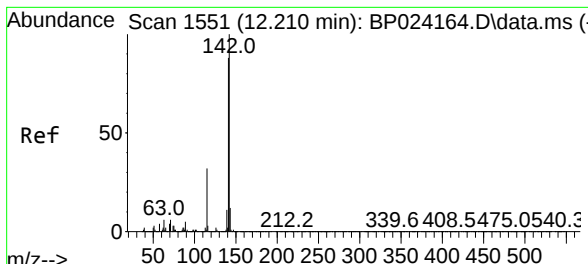
Tgt Ion:113 Resp: 333823
Ion Ratio Lower Upper
113 100
55 140.4 113.6 153.6
56 104.6 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 47.090 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:107 Resp: 977487
Ion Ratio Lower Upper
107 100
144 27.1 21.6 32.4
142 84.1 65.4 98.0



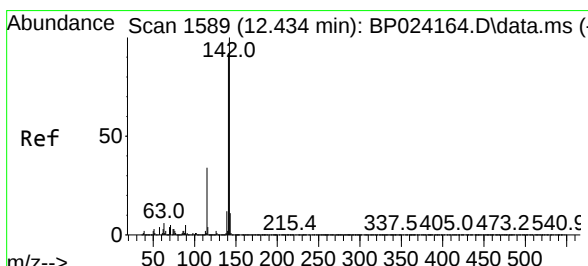
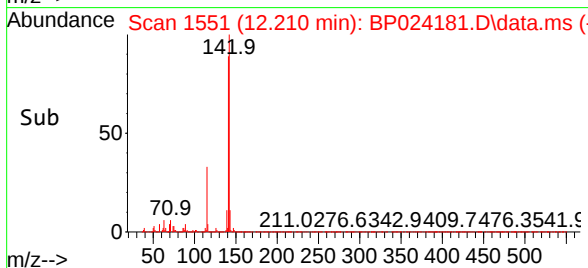
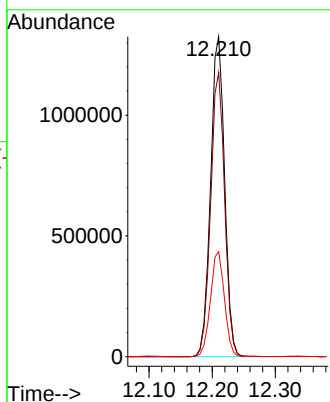
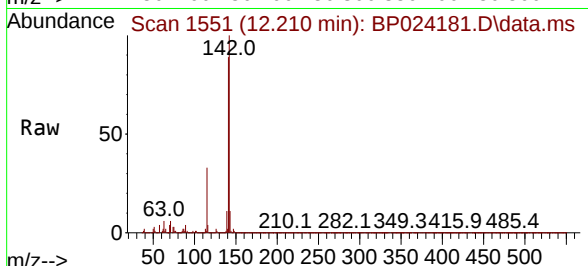


#37
 2-Methylnaphthalene
 Concen: 43.059 ng
 RT: 12.210 min Scan# 1551
 Delta R.T. 0.000 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

Tgt Ion:142 Resp: 2042388

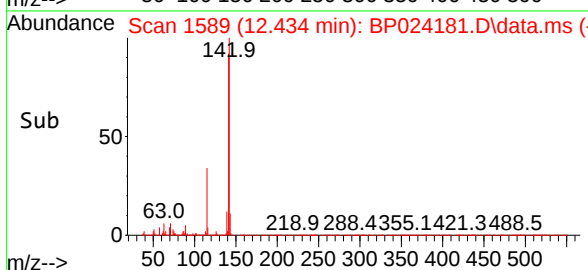
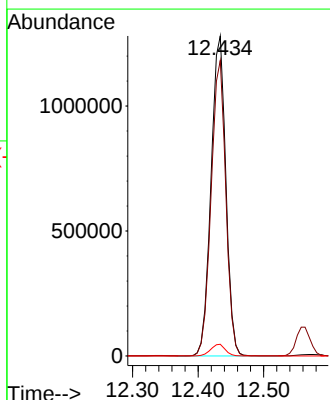
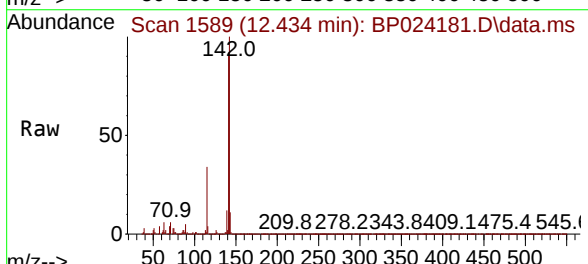
Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	32.8	26.0	39.0

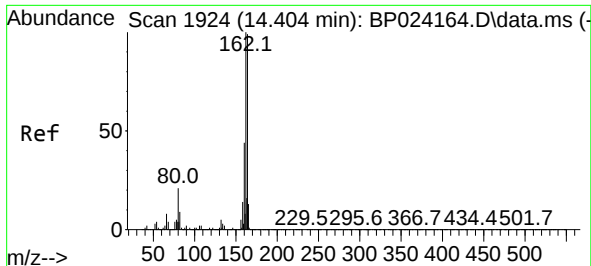


#38
 1-Methylnaphthalene
 Concen: 43.415 ng
 RT: 12.434 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Tgt Ion:142 Resp: 2002912

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	3.6	2.8	4.2

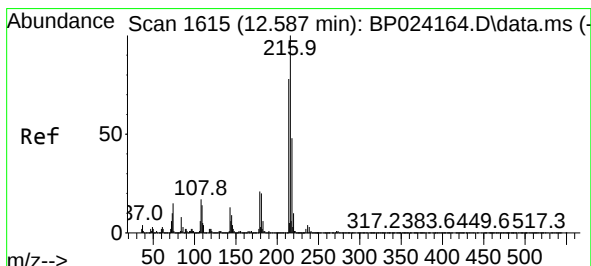
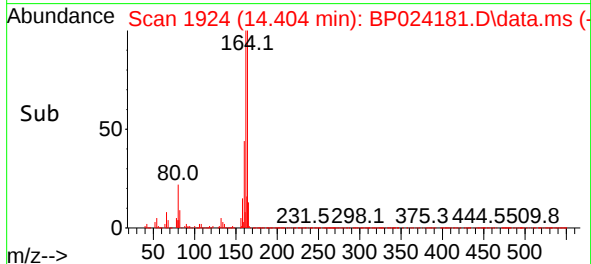
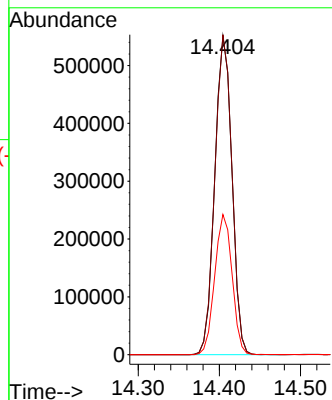
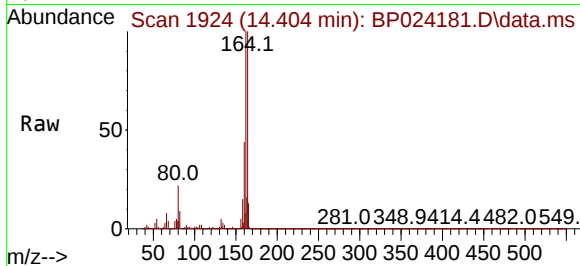




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

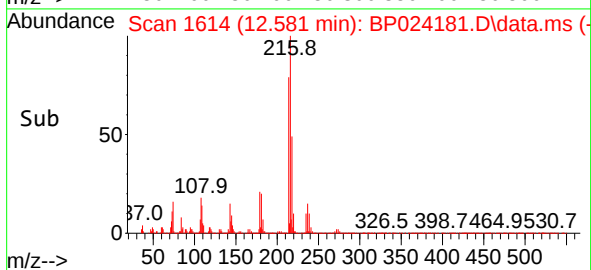
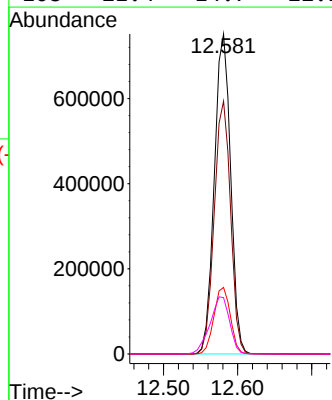
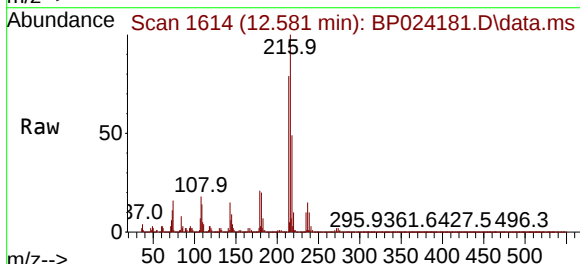
Instrument :
BNA_P
ClientSampleId :
PB167157BS

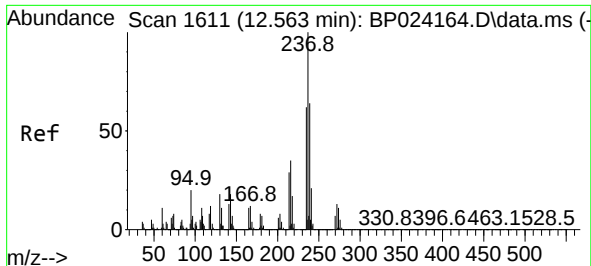
Tgt Ion:164 Resp: 810278
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.0 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.004 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:216 Resp: 1147800
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 21.0 16.8 25.2
108 21.4 14.7 22.1

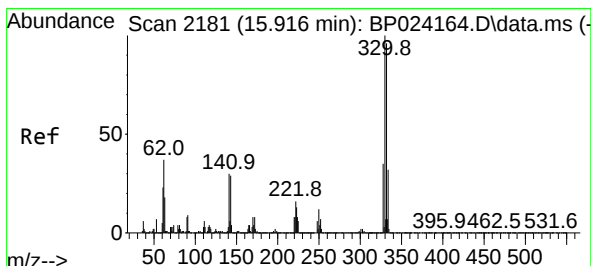
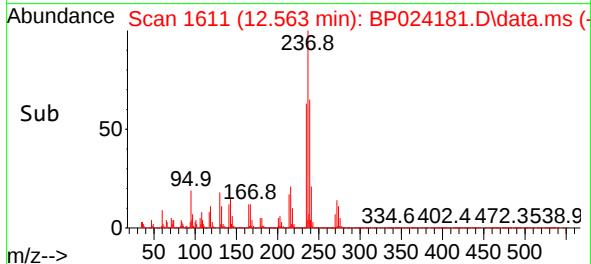
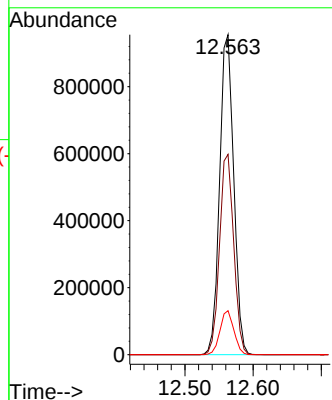
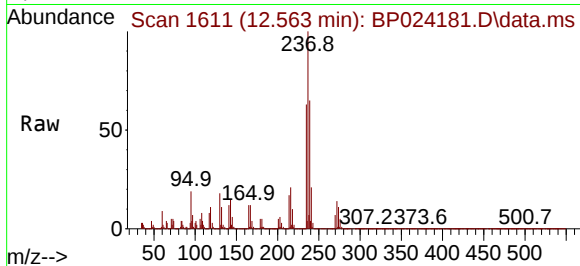




#41
Hexachlorocyclopentadiene
Concen: 162.644 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

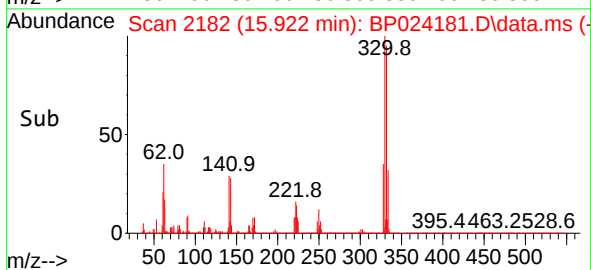
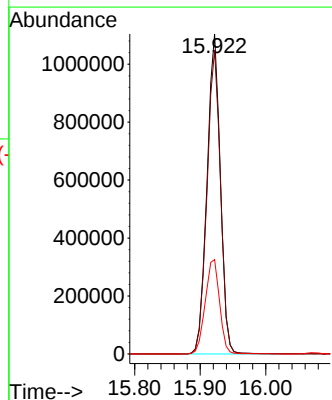
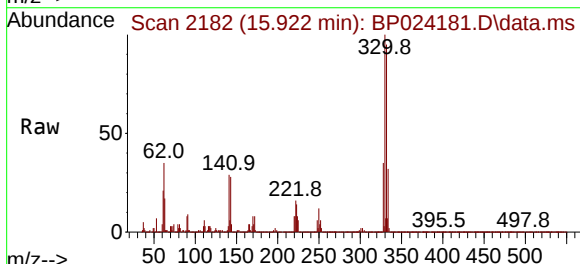
Instrument :
BNA_P
ClientSampleId :
PB167157BS

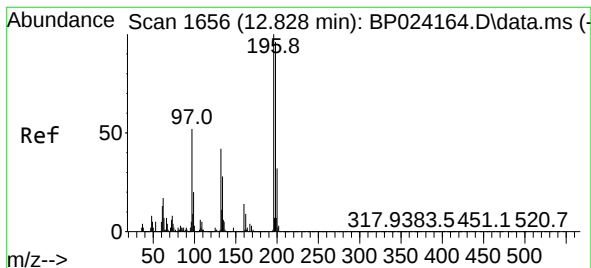
Tgt Ion:237 Resp: 1373213
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 153.591 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:330 Resp: 1567625
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 31.6 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 46.708 ng

RT: 12.822 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

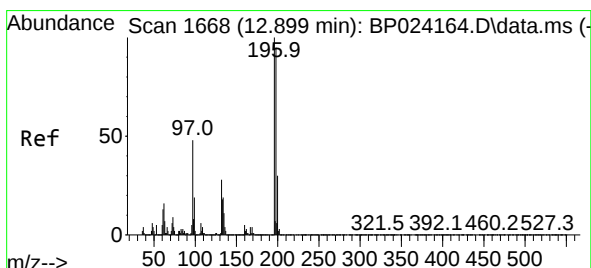
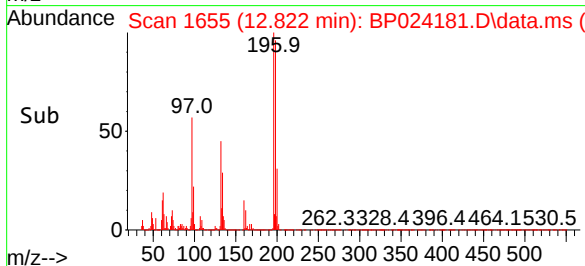
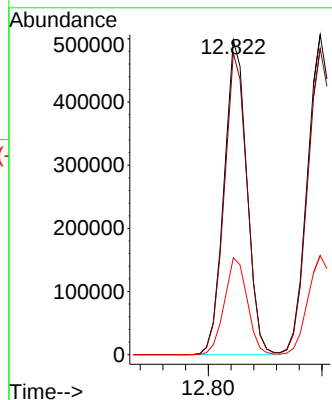
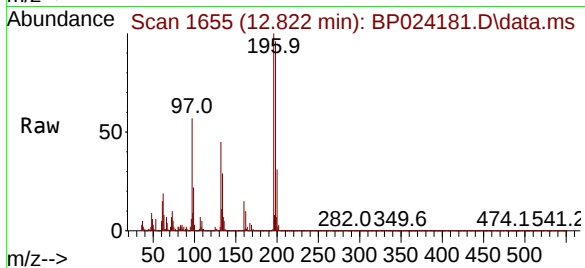
Tgt Ion:196 Resp: 695273

Ion Ratio Lower Upper

196 100

198 95.9 76.6 115.0

200 30.8 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 47.792 ng

RT: 12.899 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Tgt Ion:196 Resp: 780193

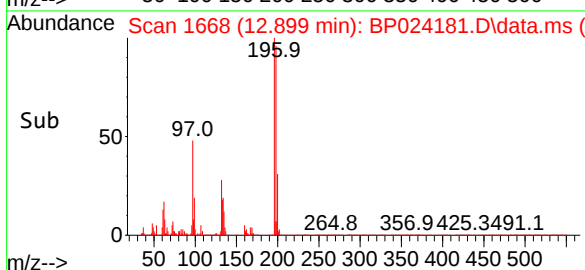
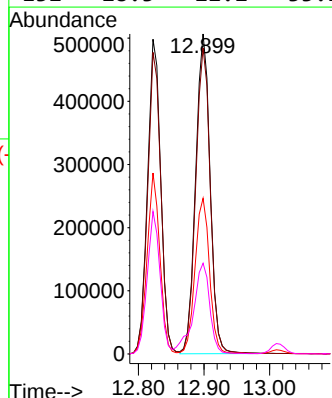
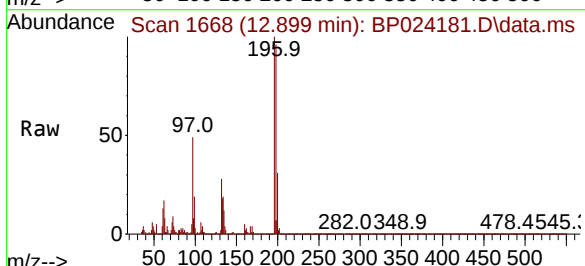
Ion Ratio Lower Upper

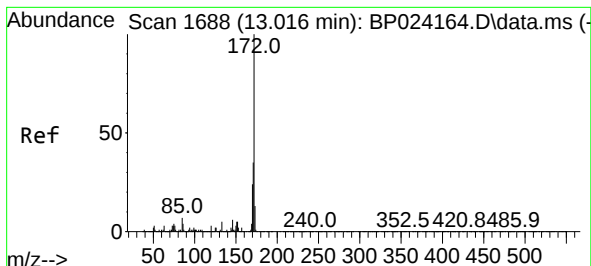
196 100

198 95.7 76.5 114.7

97 48.7 38.7 58.1

132 28.3 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 96.496 ng

RT: 13.010 min Scan# 1688

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

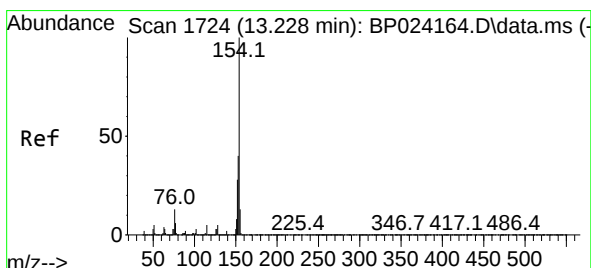
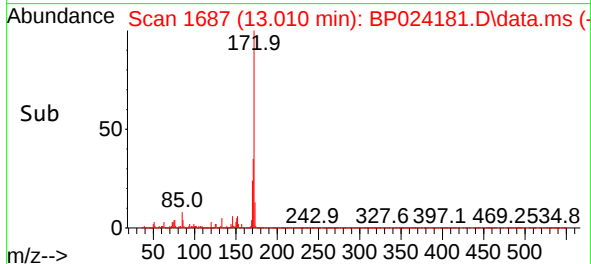
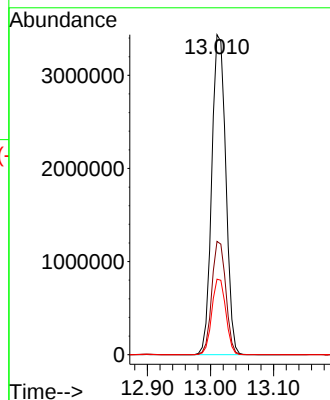
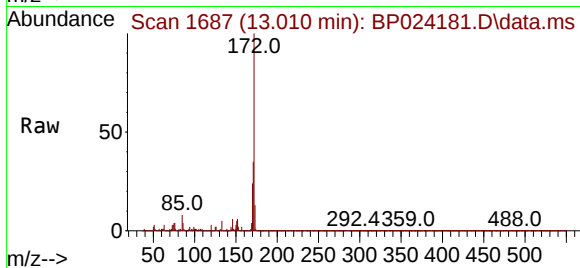
Tgt Ion:172 Resp: 5302619

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.780 ng

RT: 13.228 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

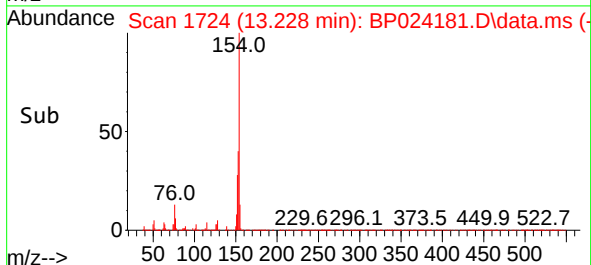
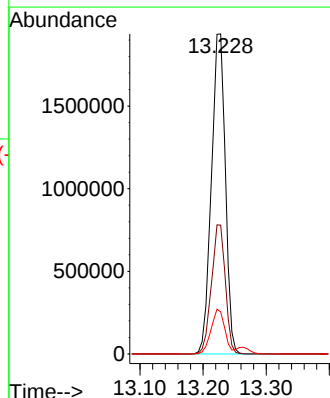
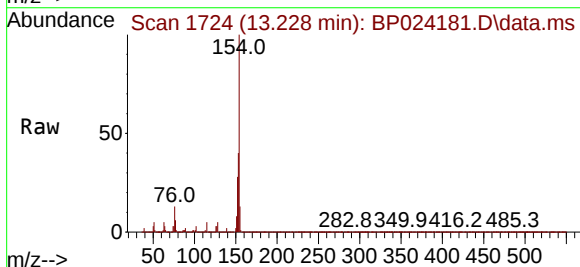
Tgt Ion:154 Resp: 2970132

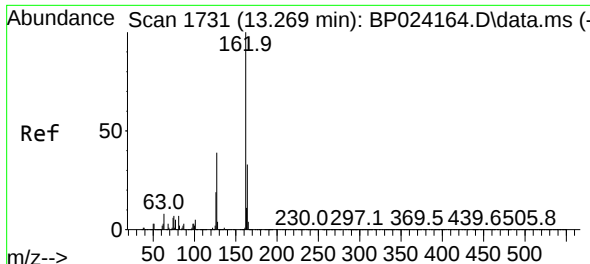
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.2 0.0 32.9

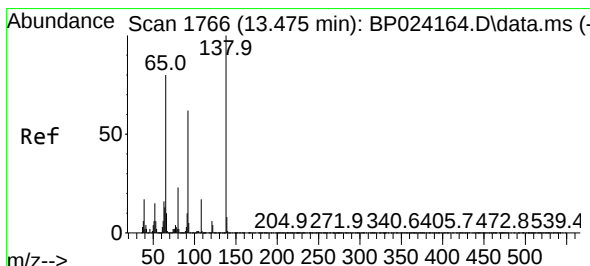
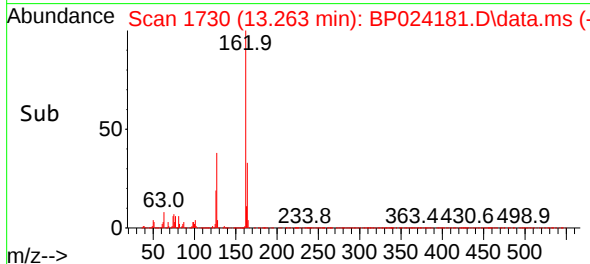
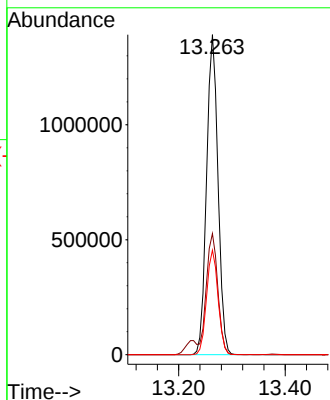
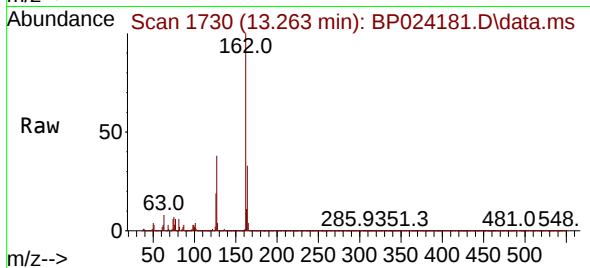




#47
2-Chloronaphthalene
Concen: 45.095 ng
RT: 13.263 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

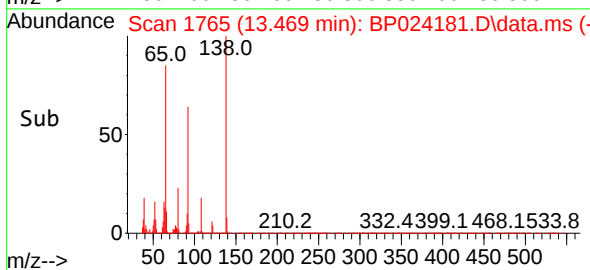
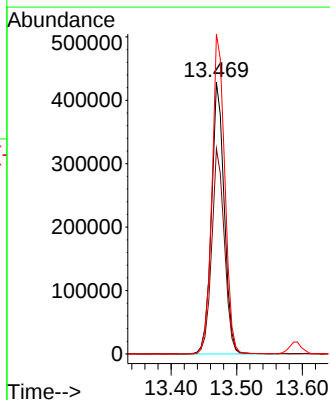
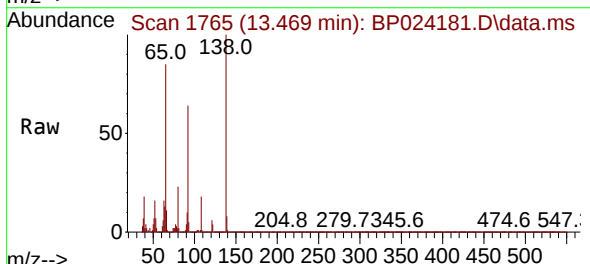
Instrument :
BNA_P
ClientSampleId :
PB167157BS

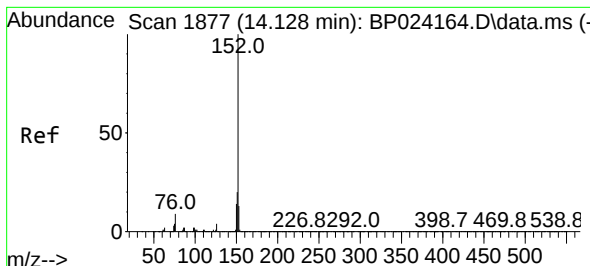
Tgt Ion:162 Resp: 2065291
Ion Ratio Lower Upper
162 100
127 37.8 31.5 47.3
164 32.7 26.6 39.8



#48
2-Nitroaniline
Concen: 49.377 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 65 Resp: 578402
Ion Ratio Lower Upper
65 100
92 75.6 62.1 93.1
138 117.8 99.5 149.3





#49

Acenaphthylene

Concen: 48.011 ng

RT: 14.122 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

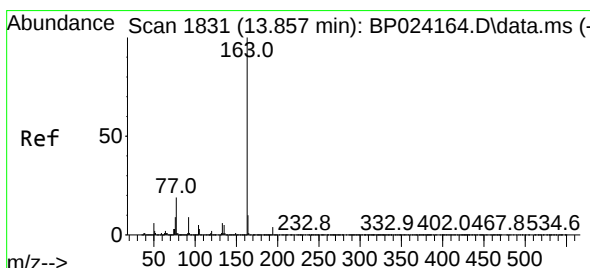
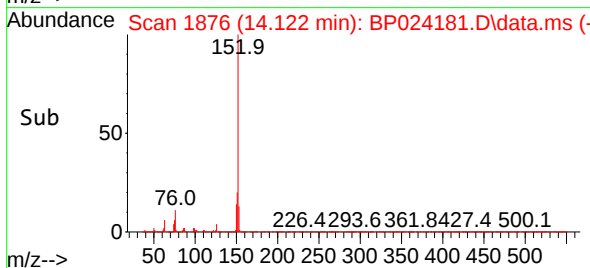
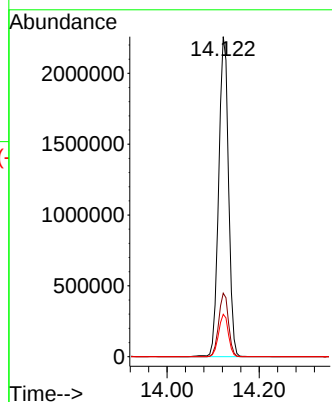
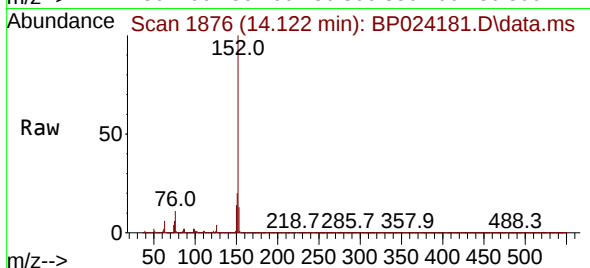
Tgt Ion:152 Resp: 3327135

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 44.807 ng

RT: 13.857 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

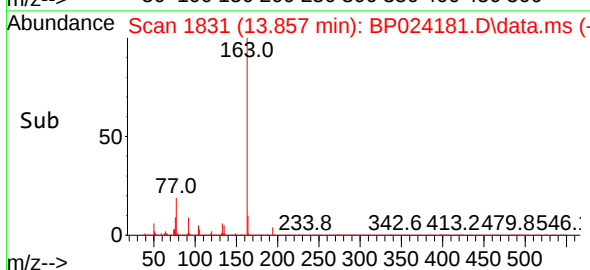
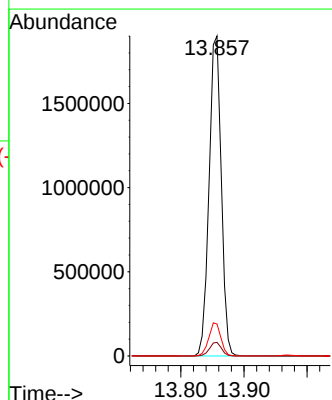
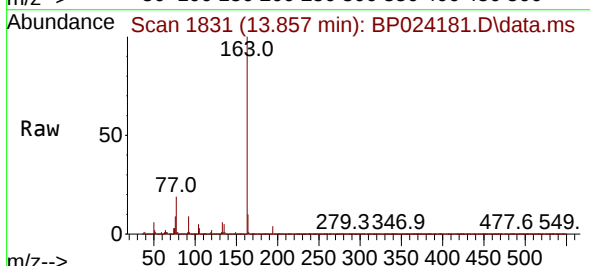
Tgt Ion:163 Resp: 2540405

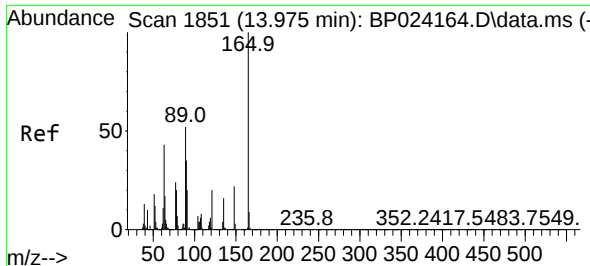
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.2 12.4

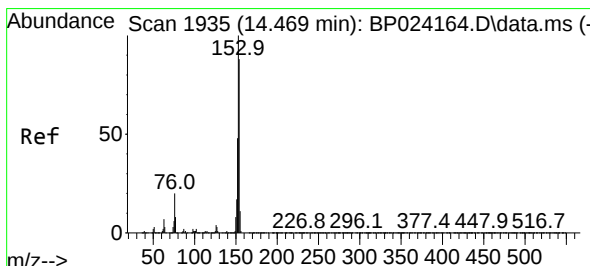
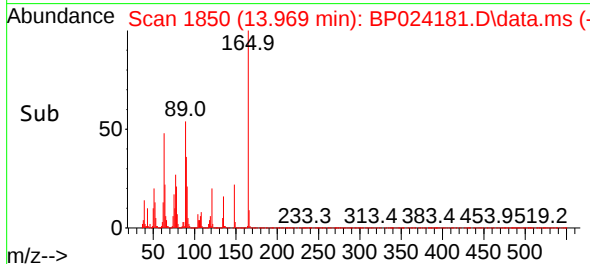
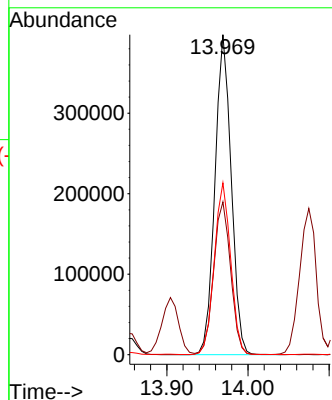
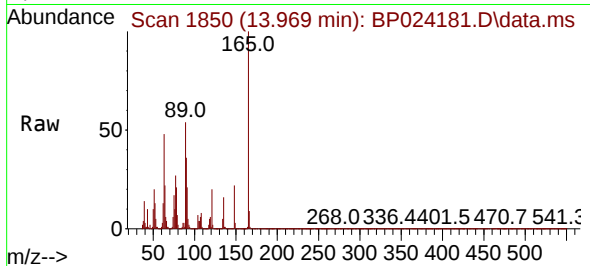




#51
2,6-Dinitrotoluene
Concen: 46.380 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

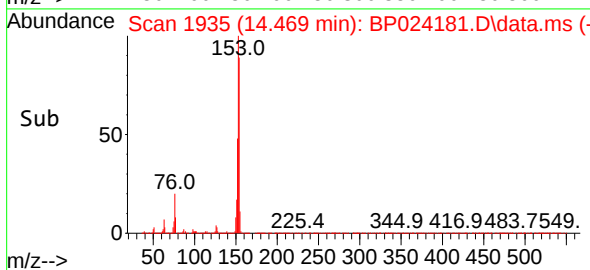
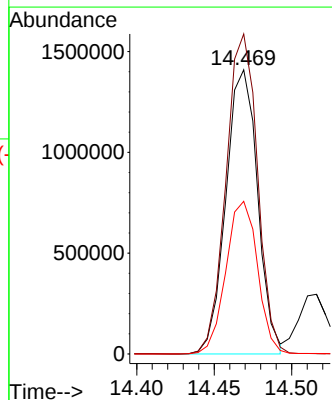
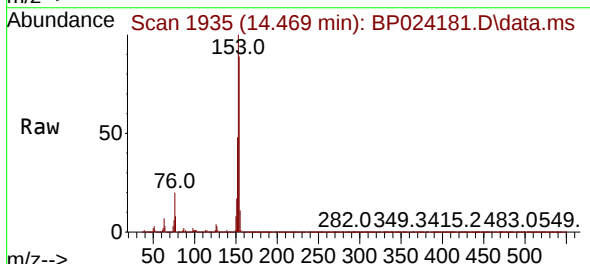
Instrument :
BNA_P
ClientSampleId :
PB167157BS

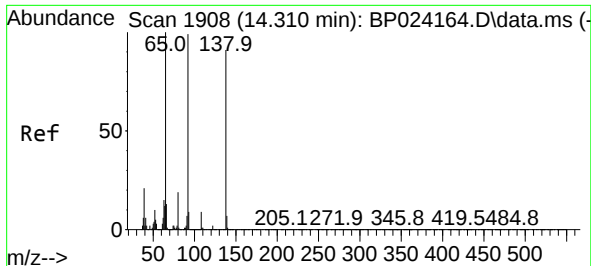
Tgt Ion:165 Resp: 553274
Ion Ratio Lower Upper
165 100
63 47.7 37.7 56.5
89 53.7 41.9 62.9



#52
Acenaphthene
Concen: 45.300 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:154 Resp: 2005750
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 53.7 43.1 64.7

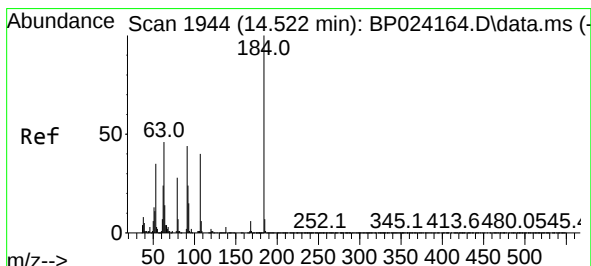
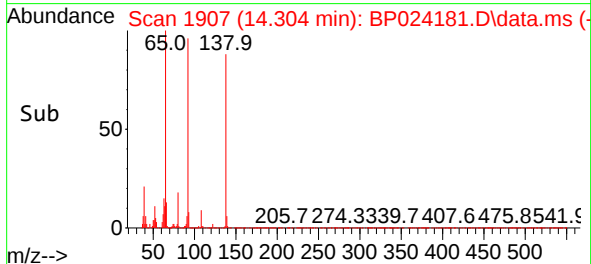
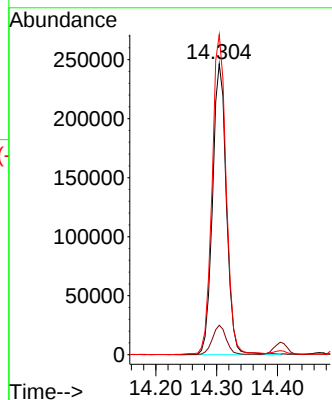
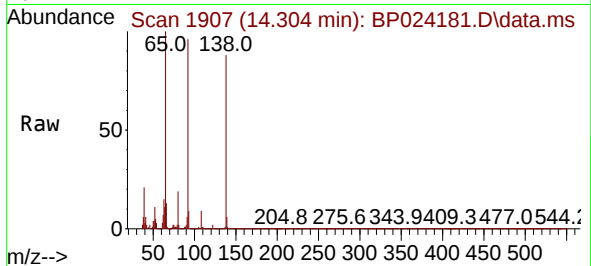




#53
3-Nitroaniline
Concen: 30.124 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

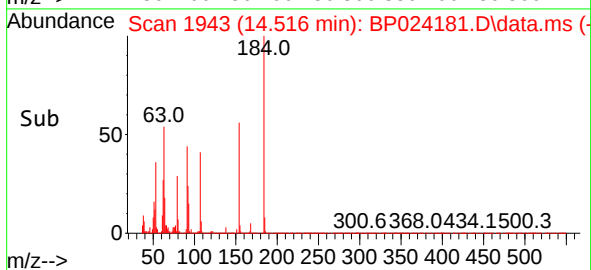
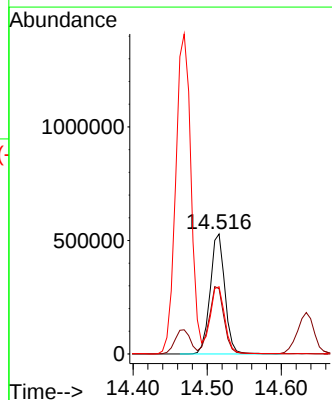
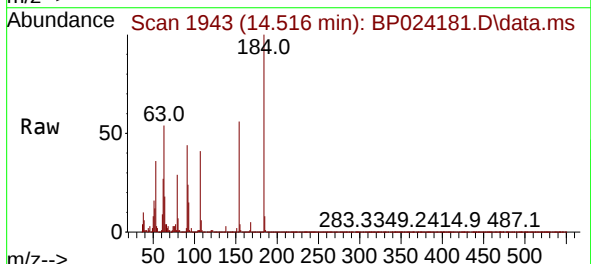
Instrument :
BNA_P
ClientSampleId :
PB167157BS

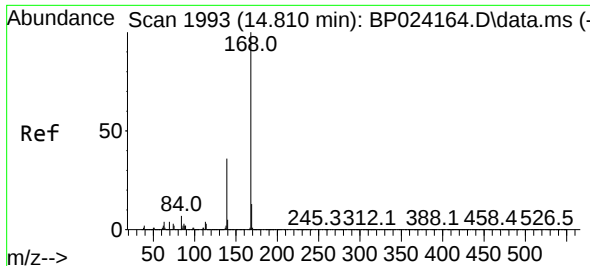
Tgt Ion:138 Resp: 388125
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 110.0 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 115.220 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:184 Resp: 727282
Ion Ratio Lower Upper
184 100
63 54.3 42.1 63.1
154 56.0 44.6 67.0

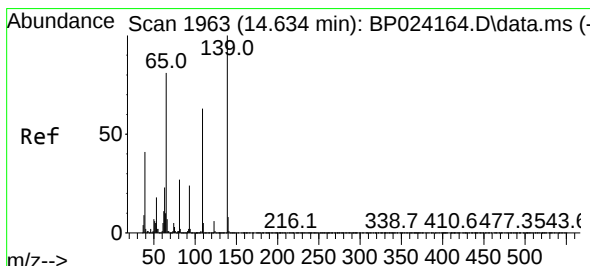
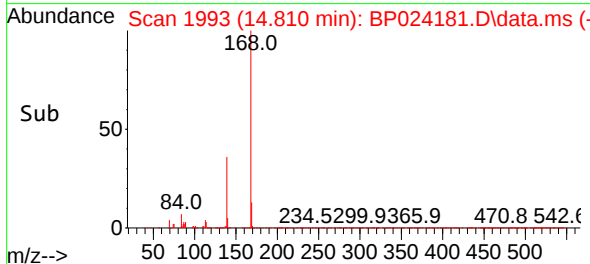
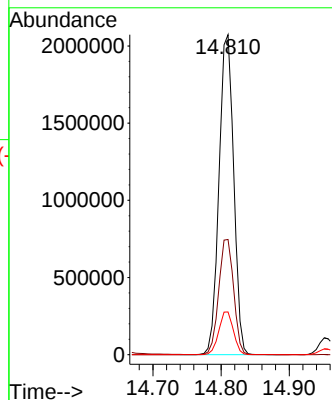
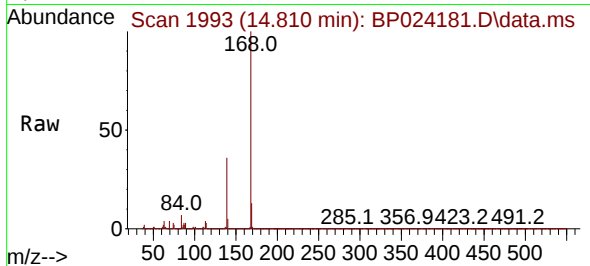




#55
Dibenzofuran
Concen: 43.248 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

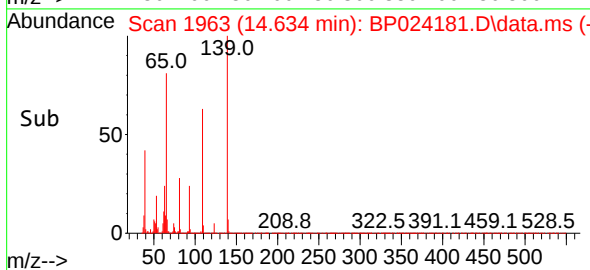
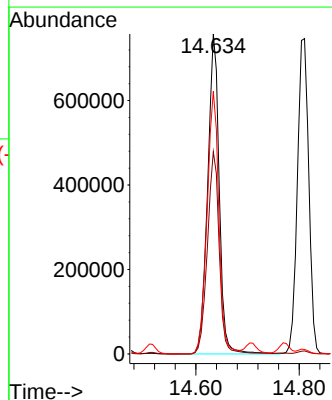
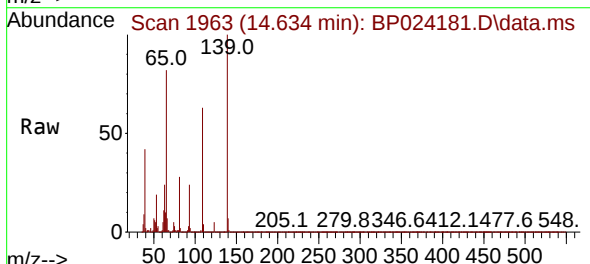
Instrument :
BNA_P
ClientSampleId :
PB167157BS

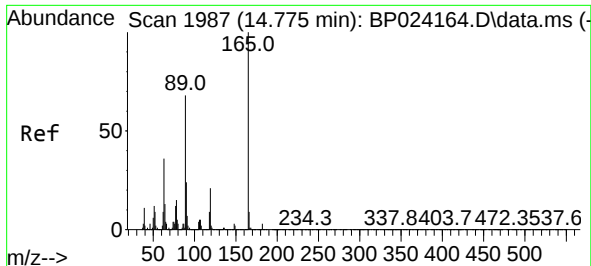
Tgt Ion:168 Resp: 3101739
Ion Ratio Lower Upper
168 100
139 36.0 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 109.583 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:139 Resp: 1179751
Ion Ratio Lower Upper
139 100
109 63.2 43.3 83.3
65 82.0 61.2 101.2

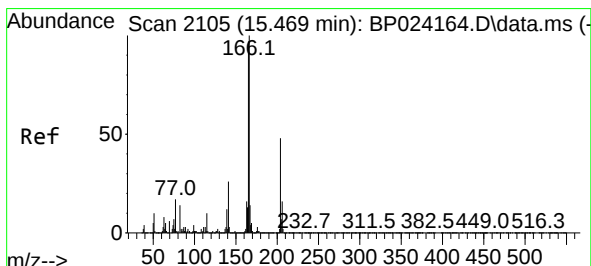
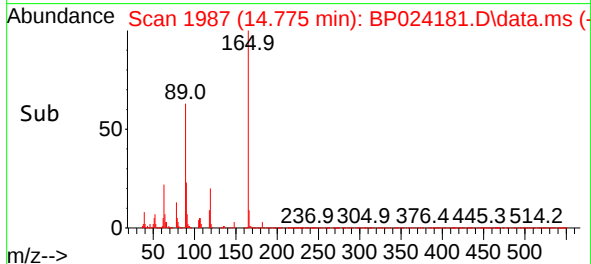
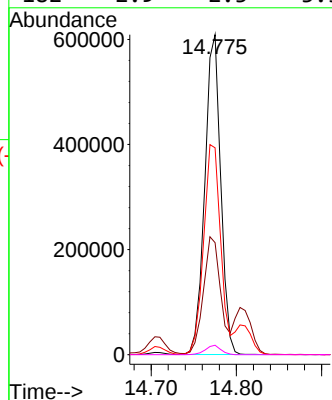
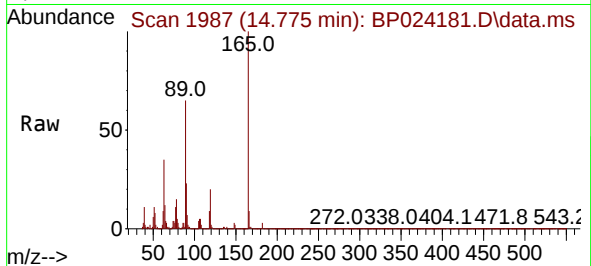




#57
2,4-Dinitrotoluene
Concen: 50.127 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

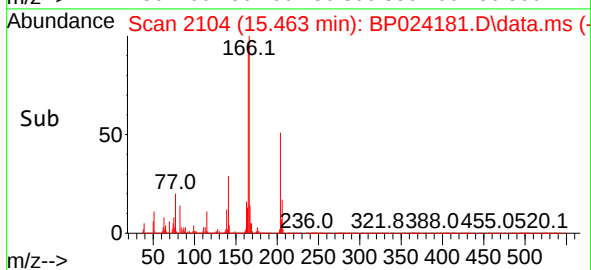
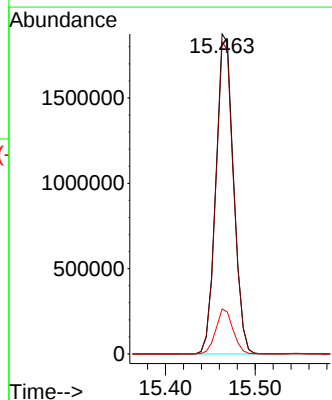
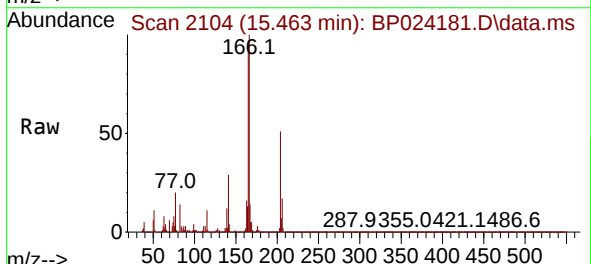
Instrument :
BNA_P
ClientSampleId :
PB167157BS

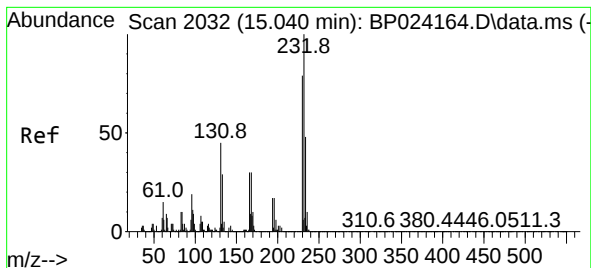
Tgt Ion:165 Resp: 789863
Ion Ratio Lower Upper
165 100
63 35.0 29.0 43.6
89 64.6 54.2 81.4
182 2.9 2.3 3.5



#58
Fluorene
Concen: 45.797 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:166 Resp: 2559129
Ion Ratio Lower Upper
166 100
165 97.4 77.6 116.4
167 14.1 10.8 16.2

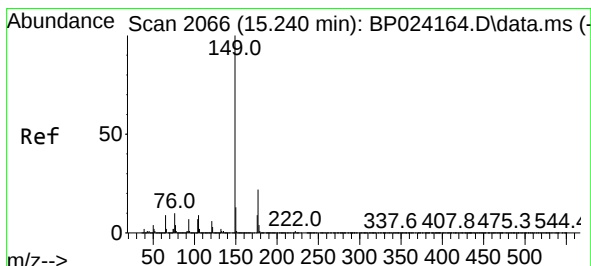
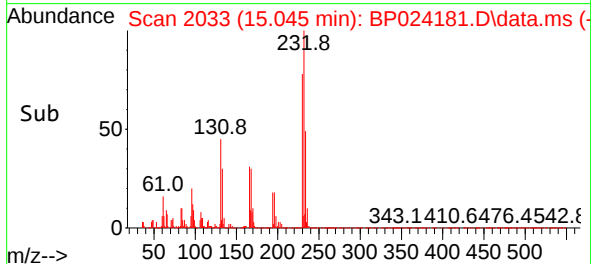
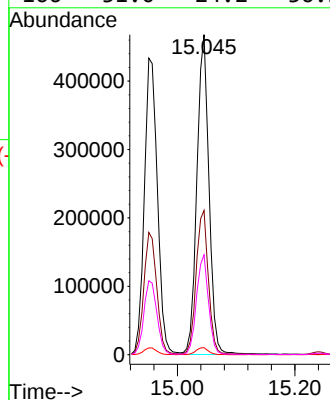
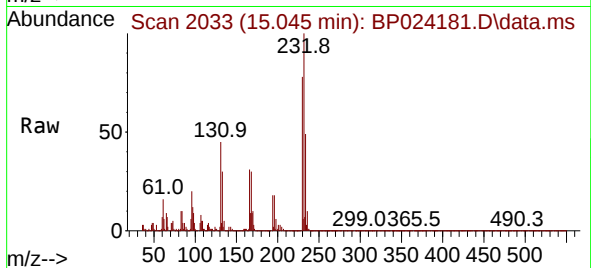




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.209 ng
RT: 15.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

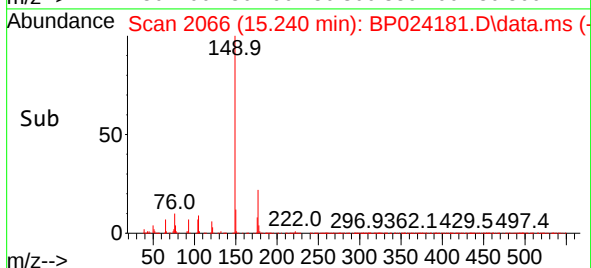
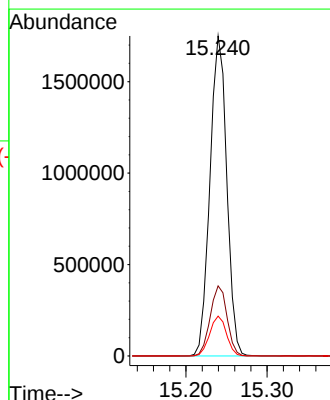
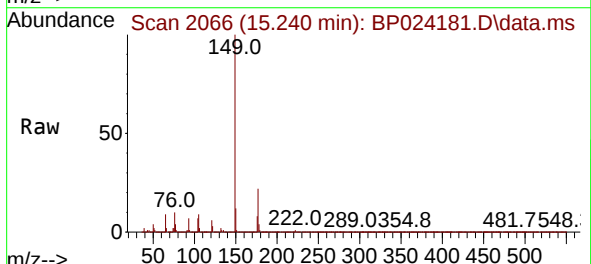
Instrument :
BNA_P
ClientSampleId :
PB167157BS

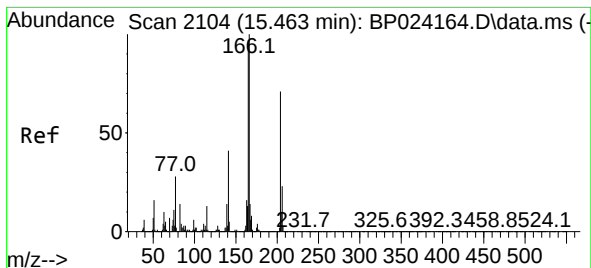
Tgt Ion:232 Resp: 666462
Ion Ratio Lower Upper
232 100
131 45.6 35.9 53.9
130 2.3 1.8 2.6
166 31.0 24.2 36.2



#60
Diethylphthalate
Concen: 44.519 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:149 Resp: 2513522
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.4 10.2 15.4

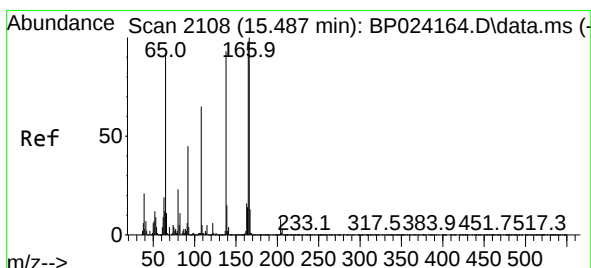
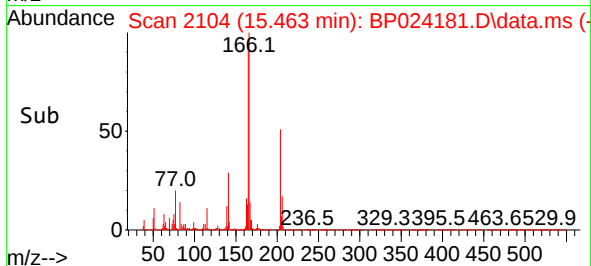
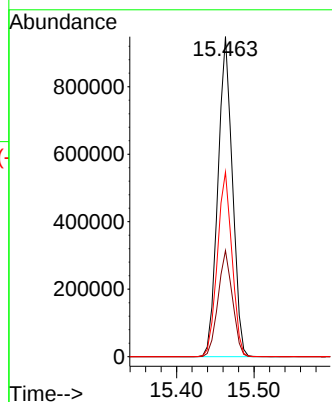
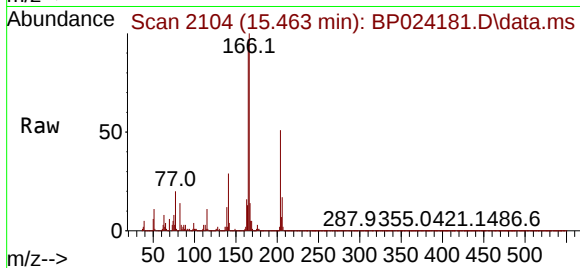




#61
4-Chlorophenyl-phenylether
Concen: 44.956 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

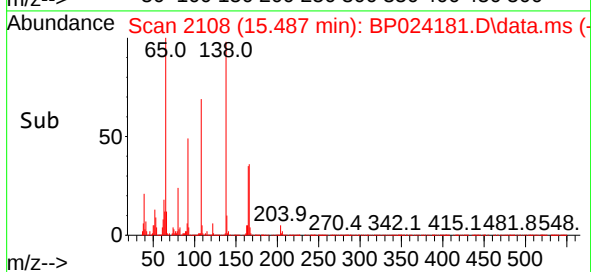
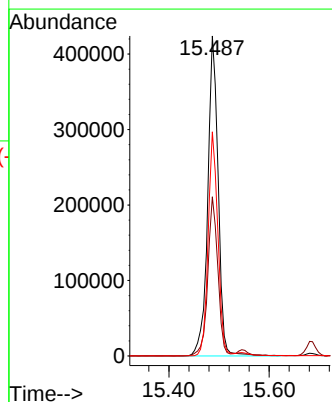
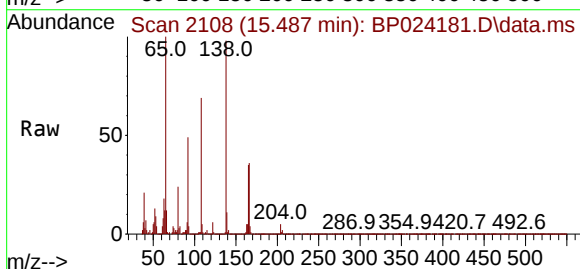
Instrument :
BNA_P
ClientSampleId :
PB167157BS

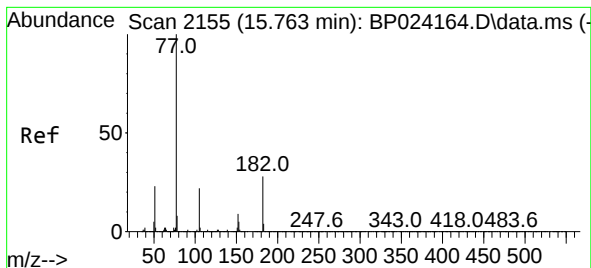
Tgt Ion:204 Resp: 1232138
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.7 45.8 68.8



#62
4-Nitroaniline
Concen: 45.552 ng
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:138 Resp: 615562
Ion Ratio Lower Upper
138 100
92 49.8 28.7 68.7
108 70.1 49.5 89.5





#63

Azobenzene

Concen: 45.795 ng

RT: 15.763 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

Tgt Ion: 77 Resp: 2437011

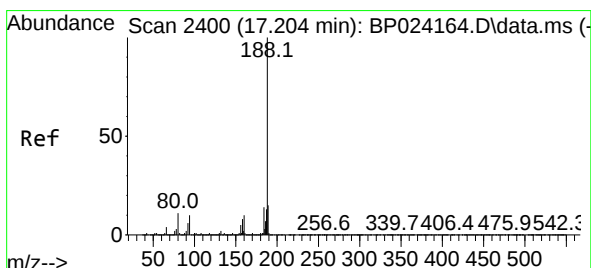
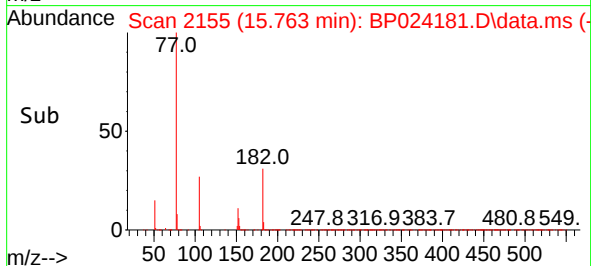
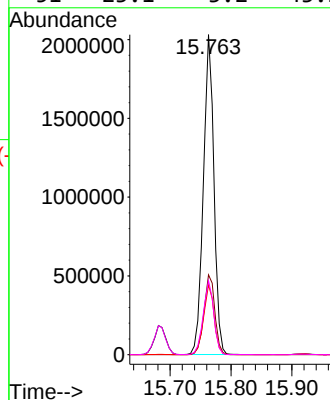
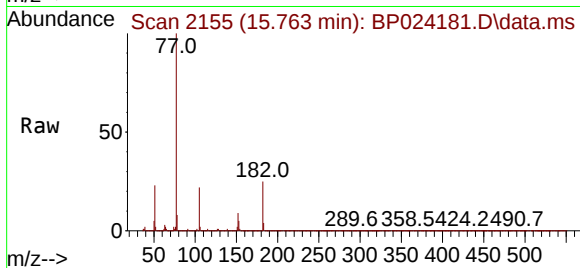
Ion Ratio Lower Upper

77 100

182 25.0 7.7 47.7

105 21.8 2.3 42.3

51 23.1 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

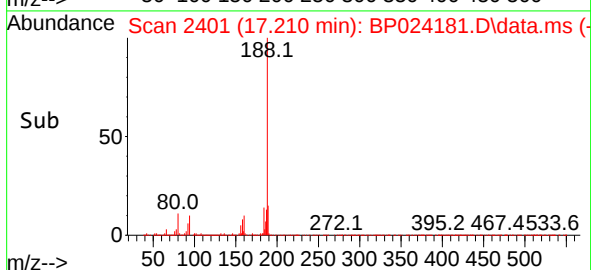
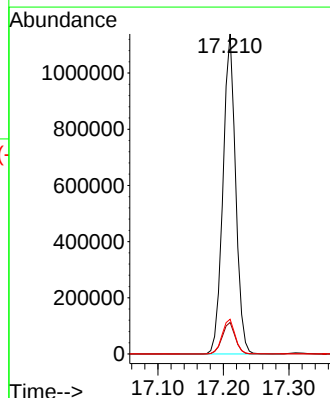
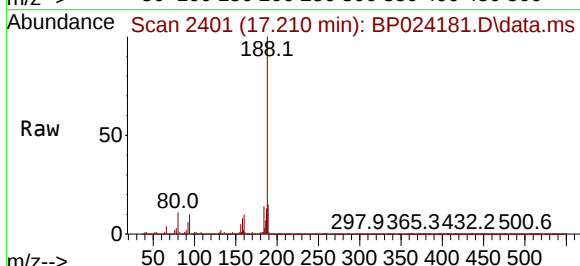
Tgt Ion:188 Resp: 1519988

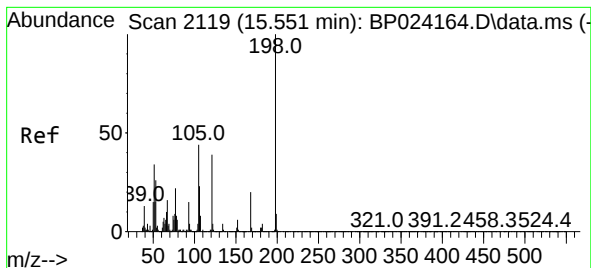
Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

80 10.8 8.9 13.3

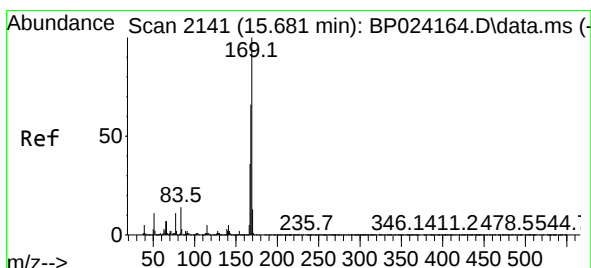
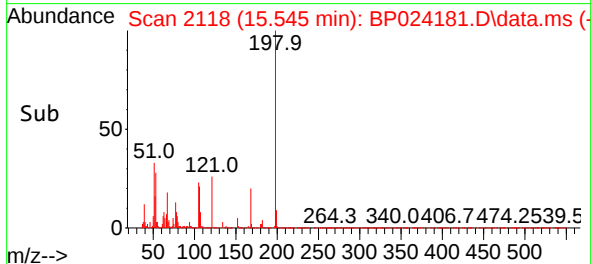
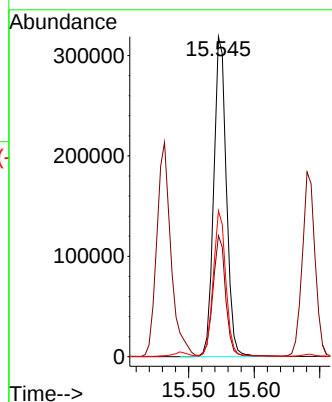
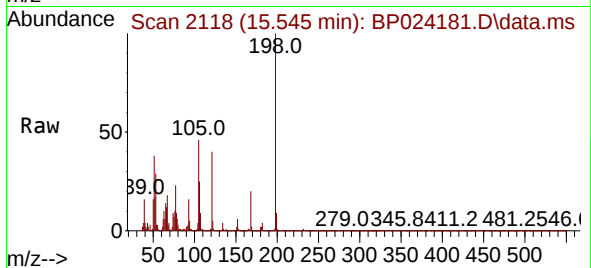




#65
4,6-Dinitro-2-methylphenol
Concen: 47.363 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

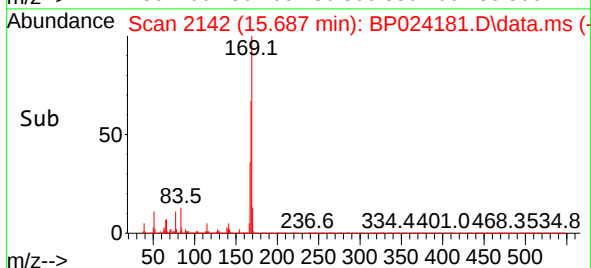
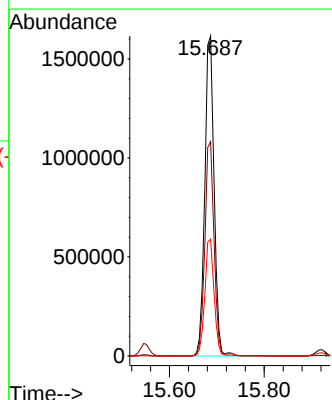
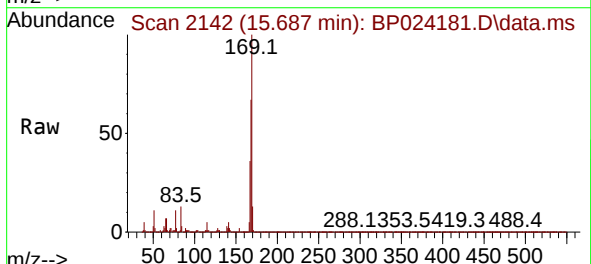
Instrument :
BNA_P
ClientSampleId :
PB167157BS

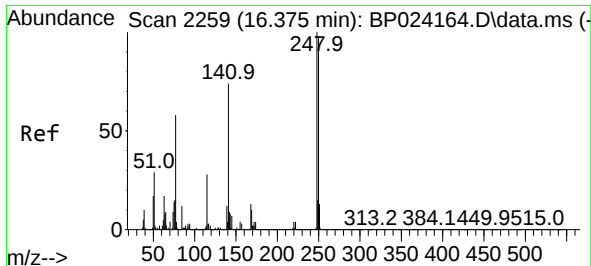
Tgt Ion:198 Resp: 427388
Ion Ratio Lower Upper
198 100
51 37.8 14.7 54.7
105 45.6 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 47.224 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:169 Resp: 2179696
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.5 28.8 43.2

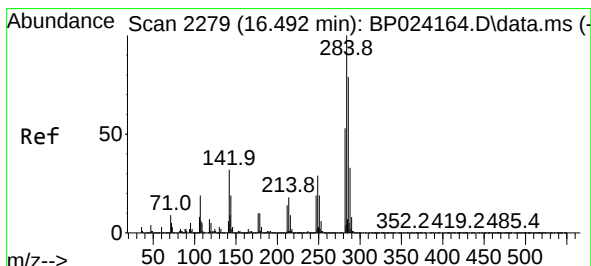
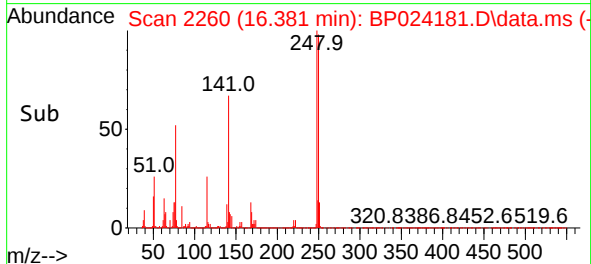
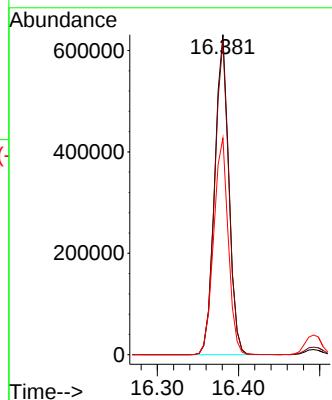
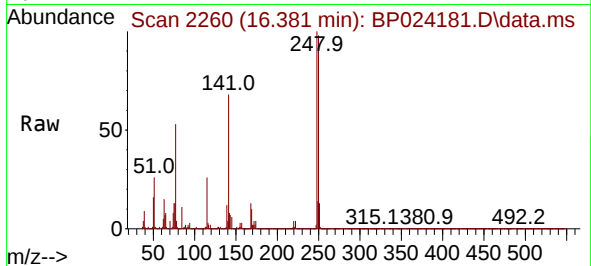




#67
4-Bromophenyl-phenylether
Concen: 45.880 ng
RT: 16.381 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

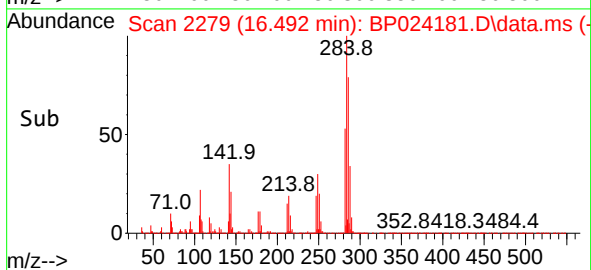
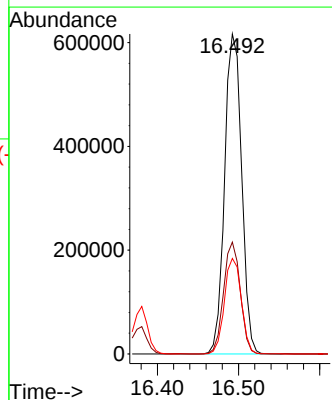
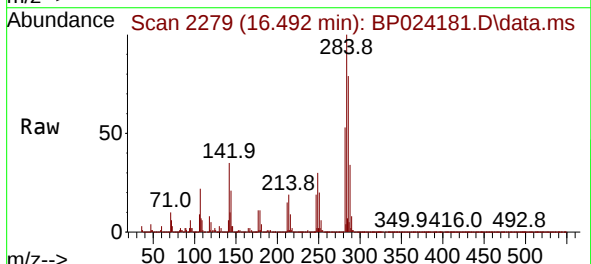
Instrument :
BNA_P
ClientSampleId :
PB167157BS

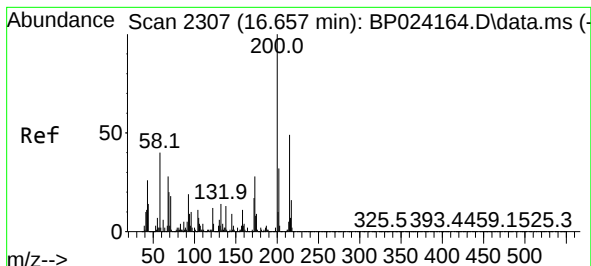
Tgt Ion:248 Resp: 765644
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 67.7 59.4 89.0



#68
Hexachlorobenzene
Concen: 45.548 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:284 Resp: 899657
Ion Ratio Lower Upper
284 100
142 34.9 25.4 38.2
249 29.8 23.5 35.3





#69

Atrazine

Concen: 75.738 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

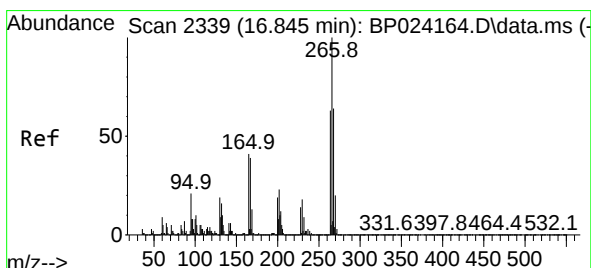
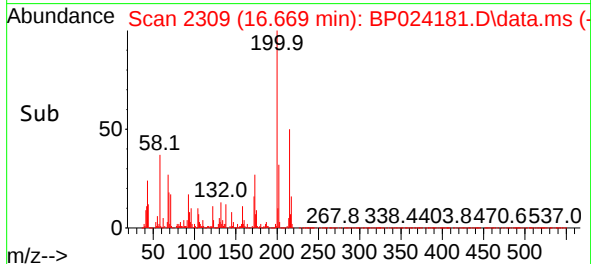
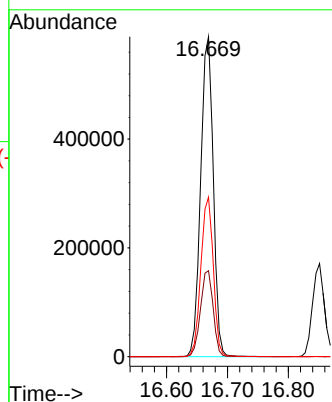
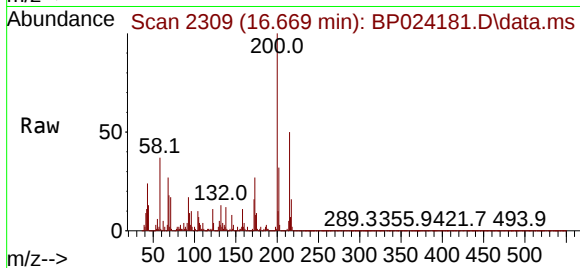
Tgt Ion:200 Resp: 843780

Ion Ratio Lower Upper

200 100

173 26.9 7.6 47.6

215 49.8 29.0 69.0



#70

Pentachlorophenol

Concen: 102.396 ng

RT: 16.851 min Scan# 2340

Delta R.T. 0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

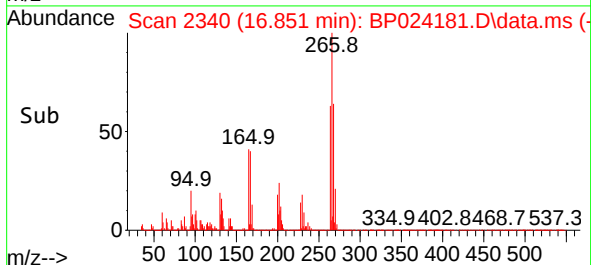
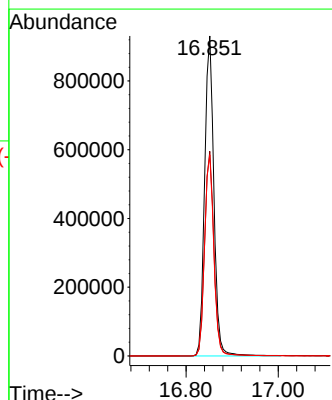
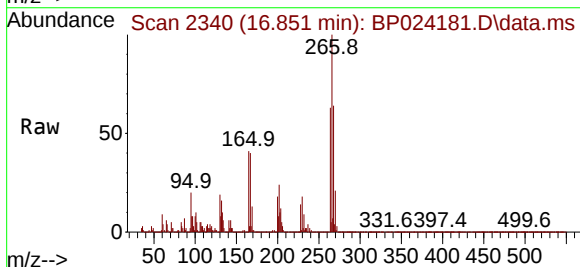
Tgt Ion:266 Resp: 1307939

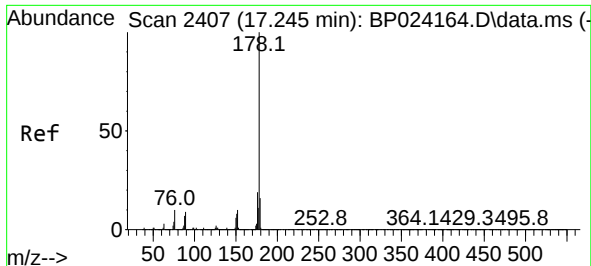
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 62.9 50.6 76.0

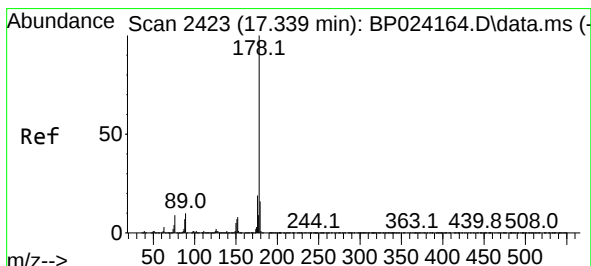
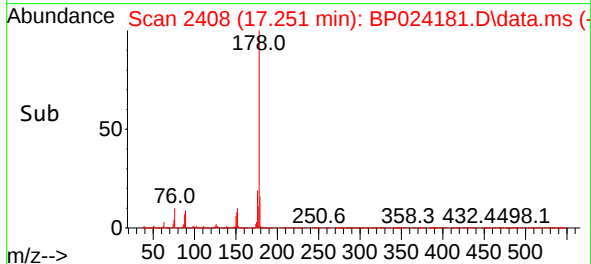
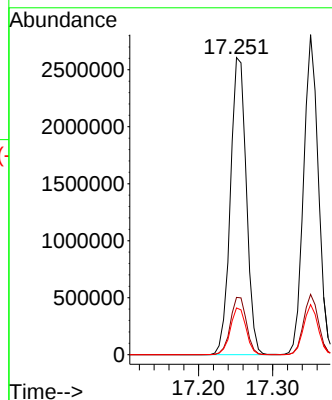
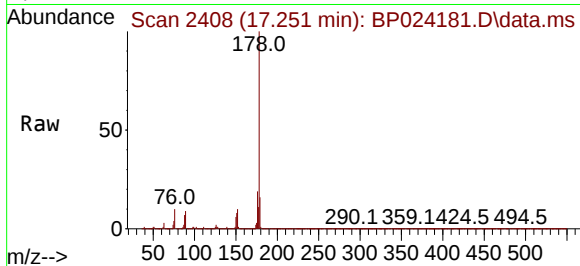




#71
Phenanthrene
Concen: 46.803 ng
RT: 17.251 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

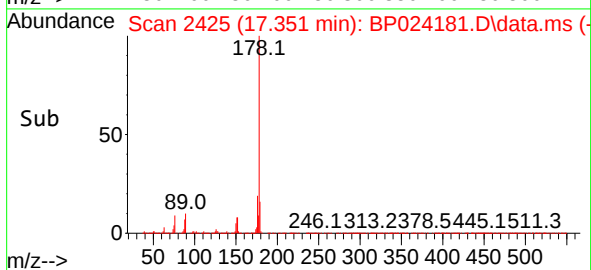
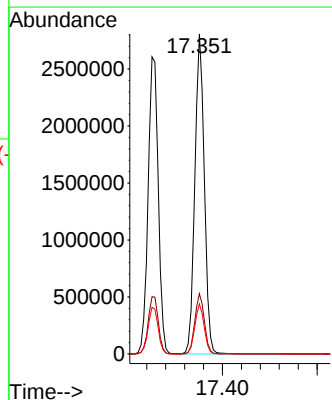
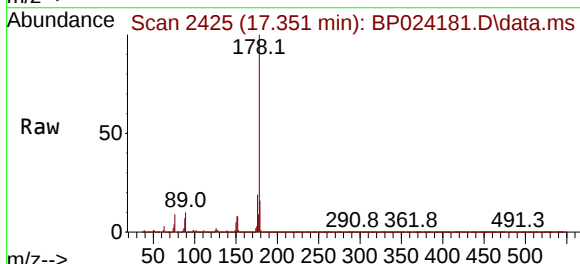
Instrument :
BNA_P
ClientSampleId :
PB167157BS

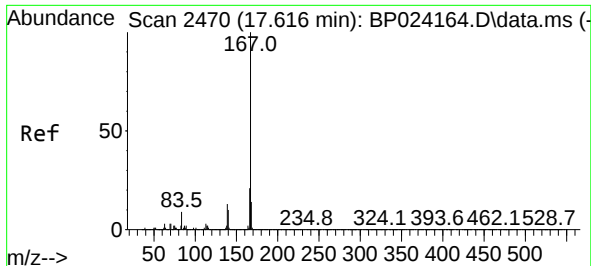
Tgt Ion:178 Resp: 3886389
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 48.218 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:178 Resp: 3899598
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8

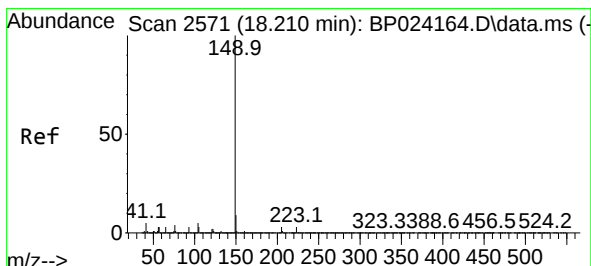
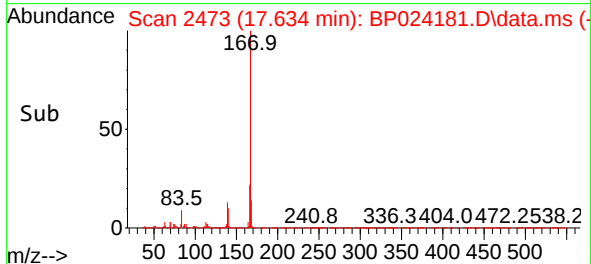
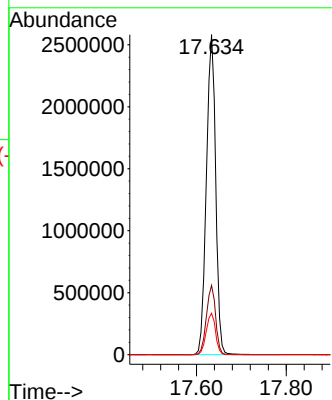
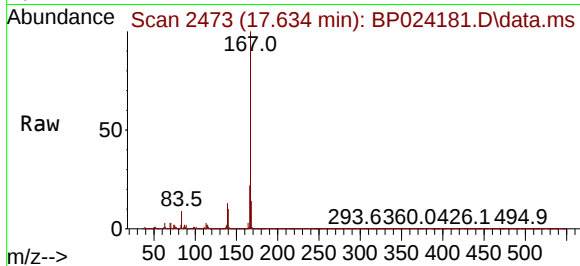




#73
 Carbazole
 Concen: 47.514 ng
 RT: 17.634 min Scan# 2473
 Delta R.T. 0.018 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

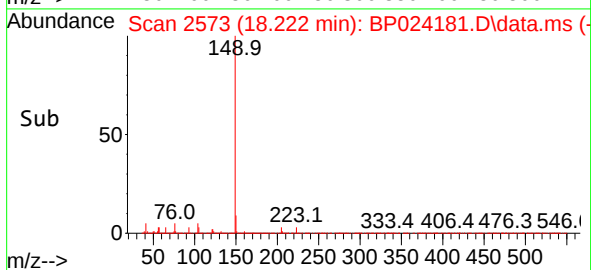
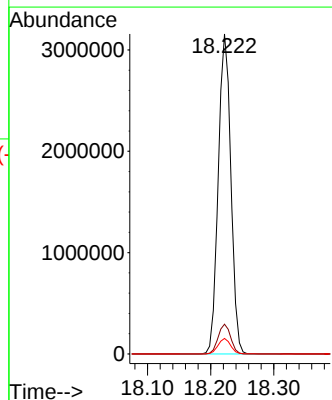
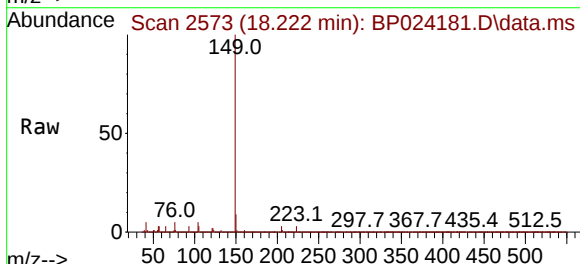
Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

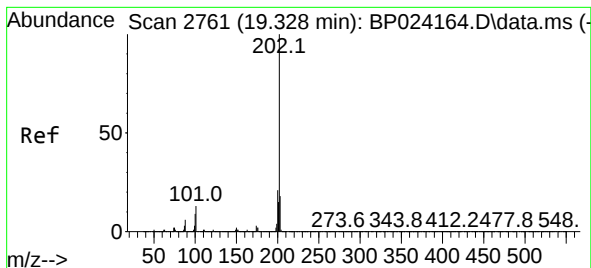
Tgt Ion:167 Resp: 3705785
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 47.258 ng
 RT: 18.222 min Scan# 2573
 Delta R.T. 0.012 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Tgt Ion:149 Resp: 4375417
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 46.435 ng

RT: 19.339 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

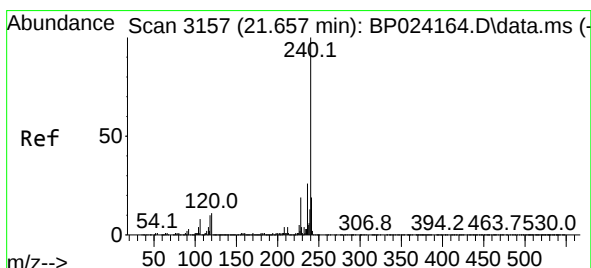
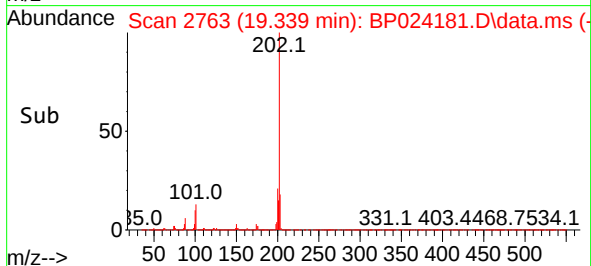
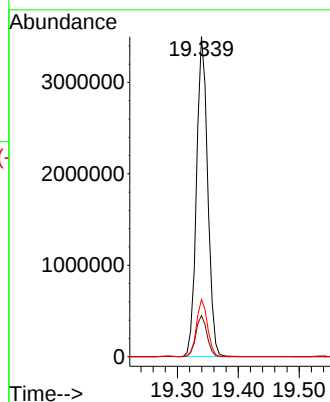
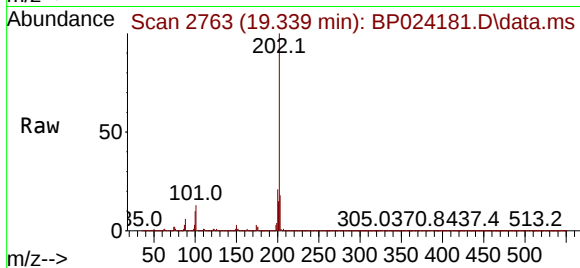
Tgt Ion:202 Resp: 4465647

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.5

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.669 min Scan# 3159

Delta R.T. 0.012 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

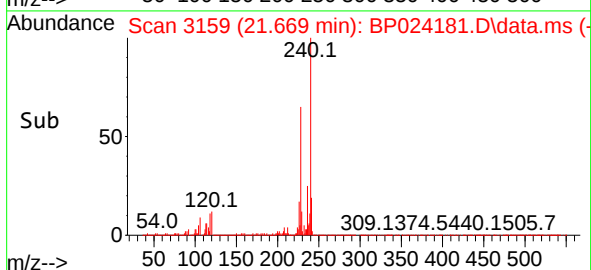
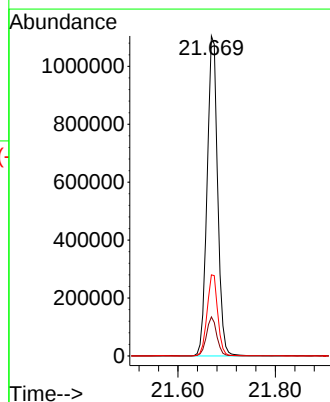
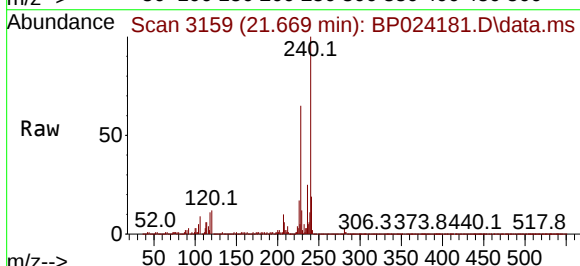
Tgt Ion:240 Resp: 1650496

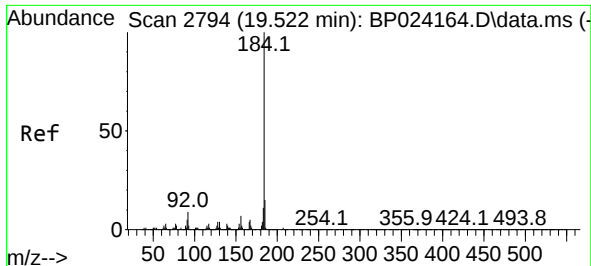
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 25.4 20.4 30.6

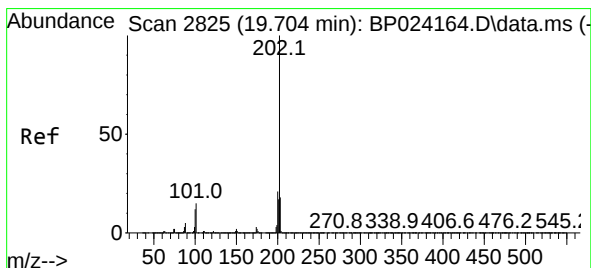
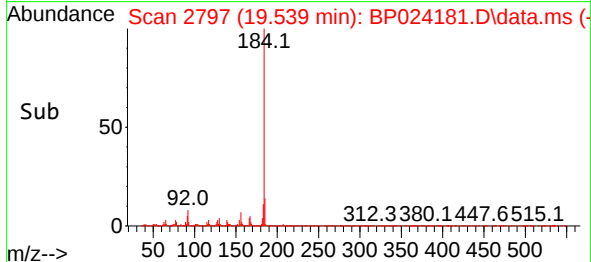
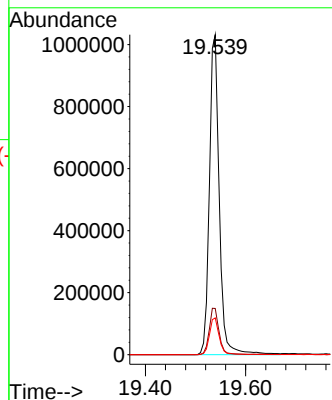
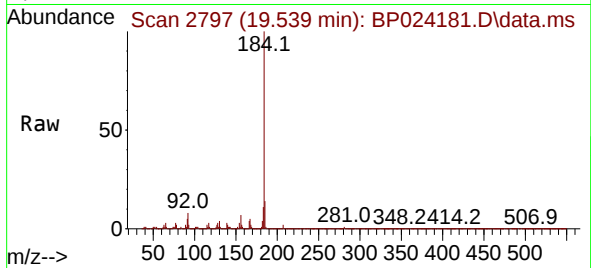




#77
Benzidine
Concen: 78.183 ng
RT: 19.539 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

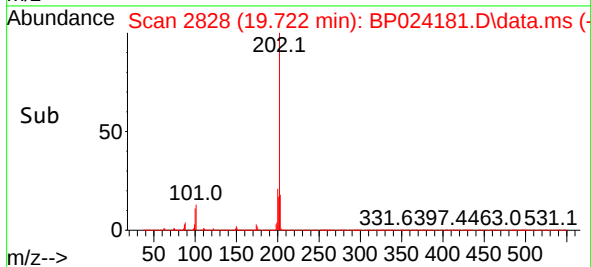
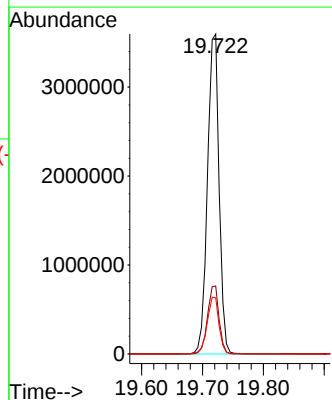
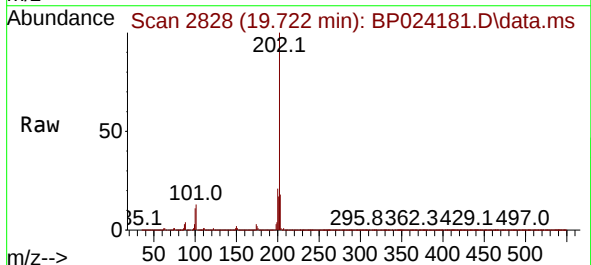
Instrument :
BNA_P
ClientSampleId :
PB167157BS

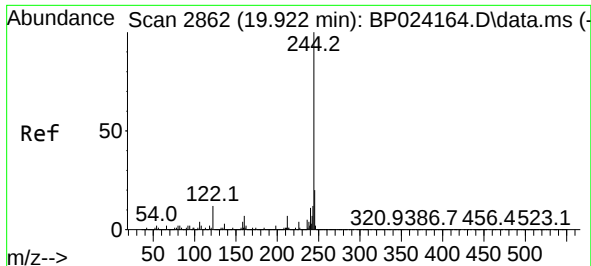
Tgt Ion:184 Resp: 1410850
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.5 9.1 13.7



#78
Pyrene
Concen: 46.510 ng
RT: 19.722 min Scan# 2828
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:202 Resp: 4772350
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.6 14.2 21.4

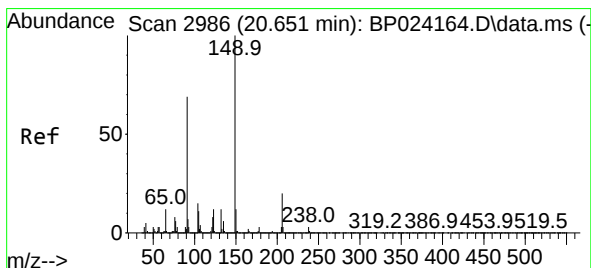
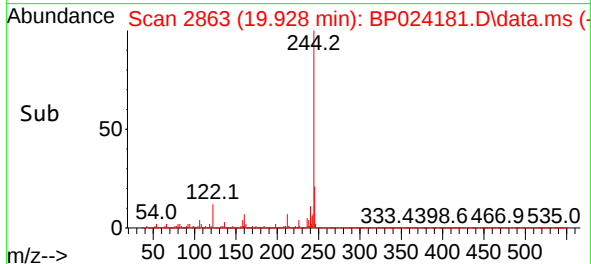
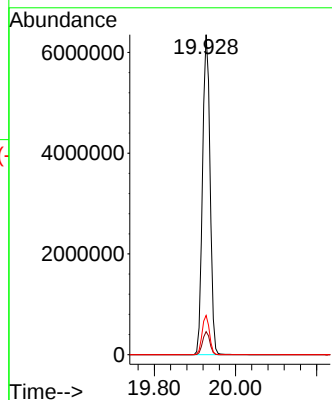
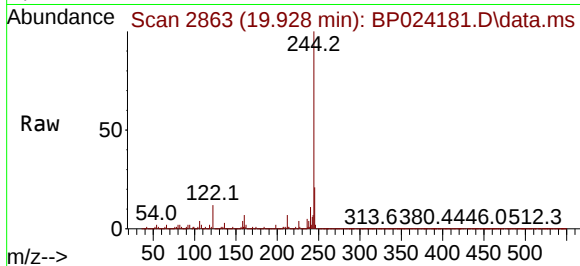




#79
 Terphenyl-d14
 Concen: 102.262 ng
 RT: 19.928 min Scan# 2862
 Delta R.T. 0.006 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

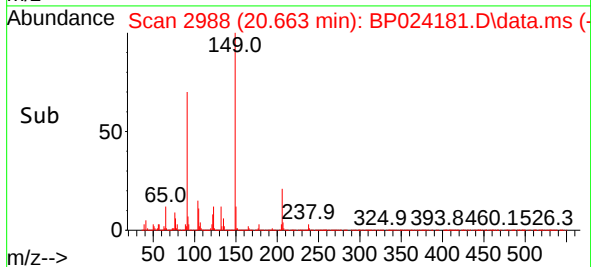
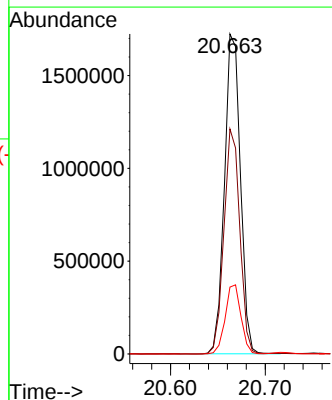
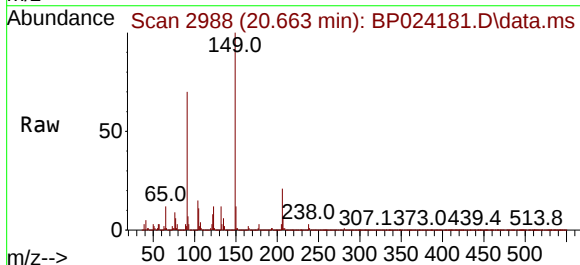
Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

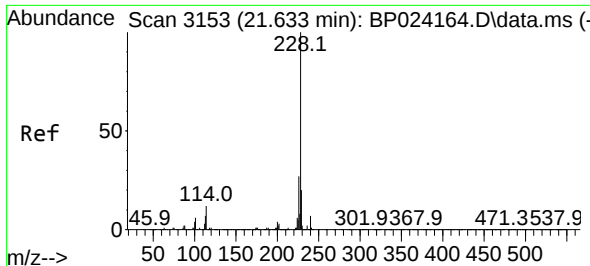
Tgt Ion:244 Resp: 8176573
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.3 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 47.741 ng
 RT: 20.663 min Scan# 2988
 Delta R.T. 0.012 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Tgt Ion:149 Resp: 2020153
 Ion Ratio Lower Upper
 149 100
 91 70.3 55.3 82.9
 206 20.9 16.1 24.1

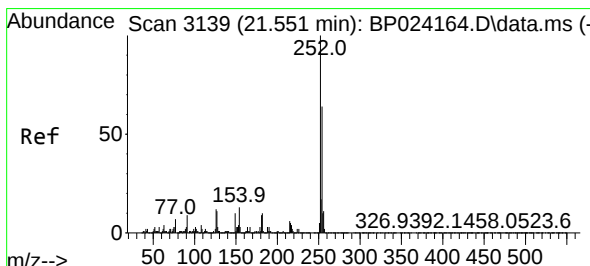
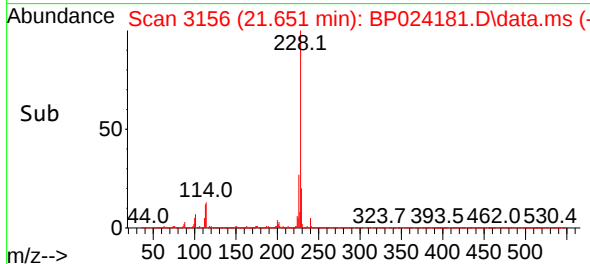
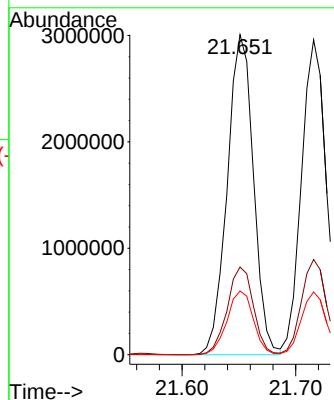
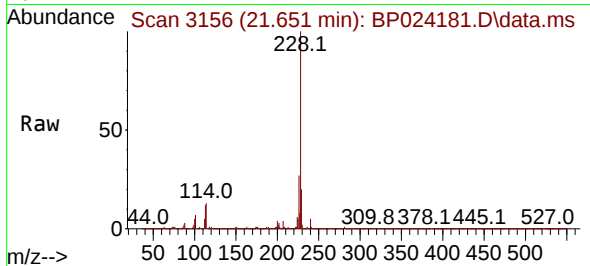




#81
Benzo(a)anthracene
Concen: 47.056 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

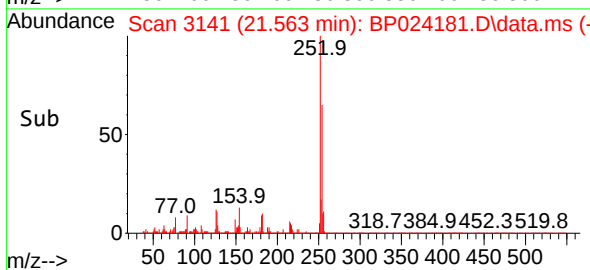
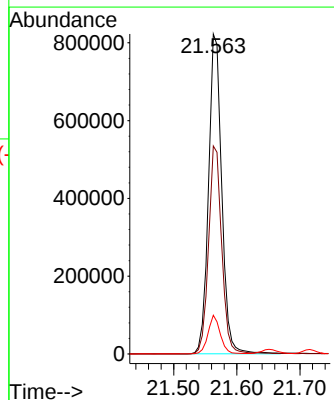
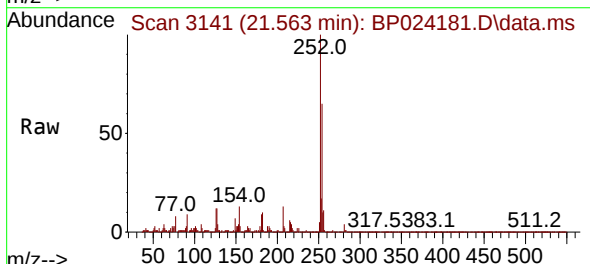
Instrument :
BNA_P
ClientSampleId :
PB167157BS

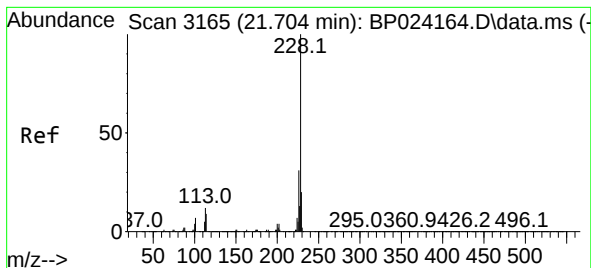
Tgt Ion:228 Resp: 4828655
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 34.700 ng
RT: 21.563 min Scan# 3141
Delta R.T. 0.012 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:252 Resp: 1193393
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 12.1 9.3 13.9





#83

Chrysene

Concen: 45.533 ng

RT: 21.716 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

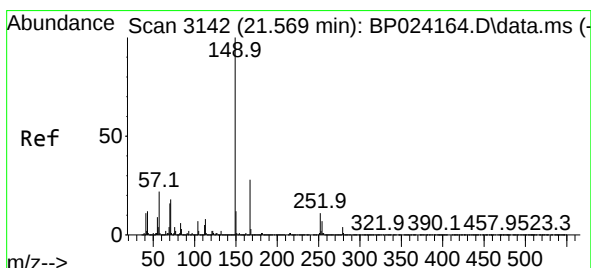
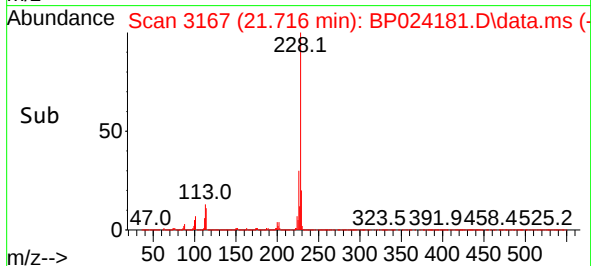
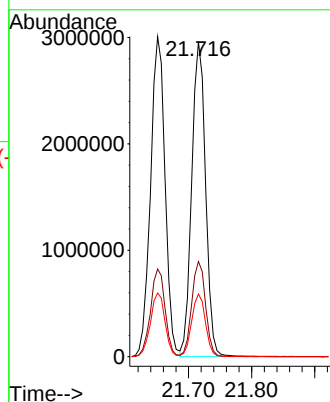
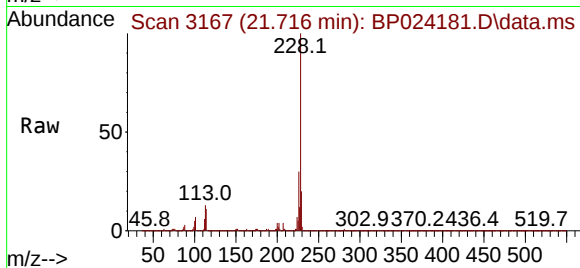
Tgt Ion:228 Resp: 4491727

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.917 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

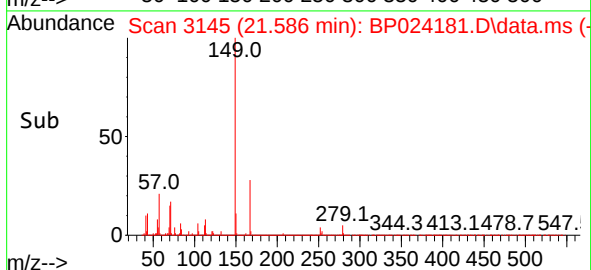
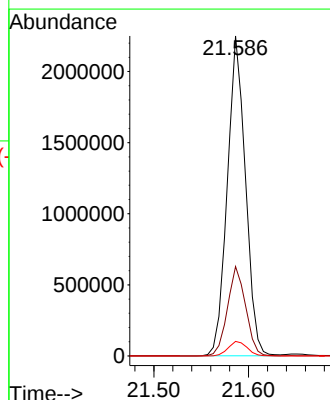
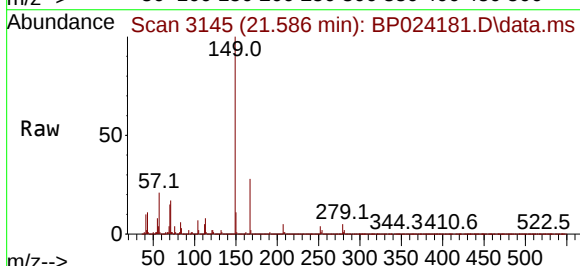
Tgt Ion:149 Resp: 2995615

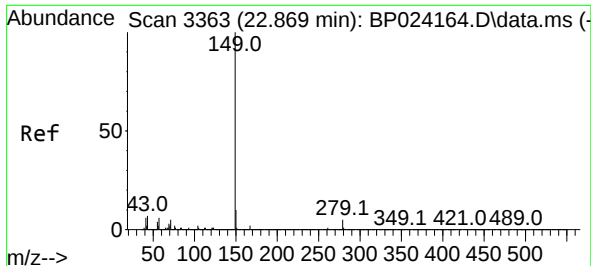
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.5 3.6 5.4

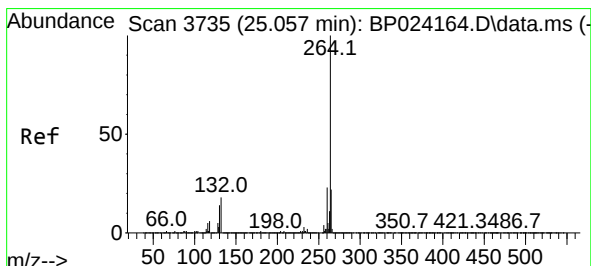
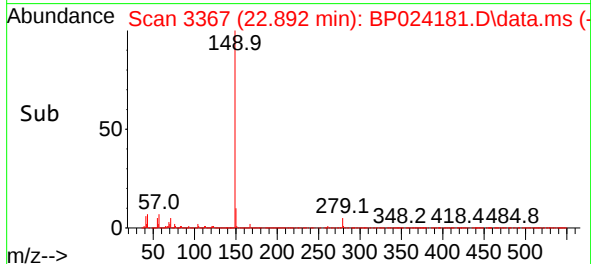
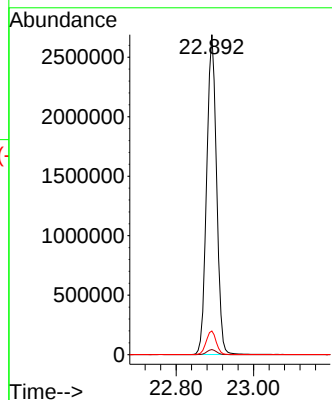
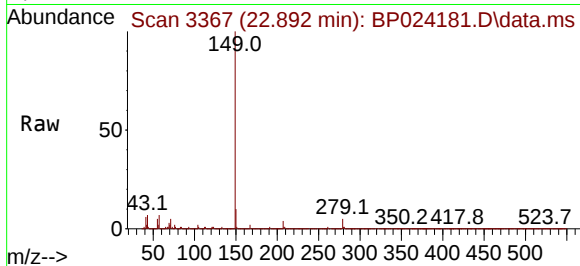




#85
Di-n-octyl phthalate
Concen: 46.464 ng
RT: 22.892 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

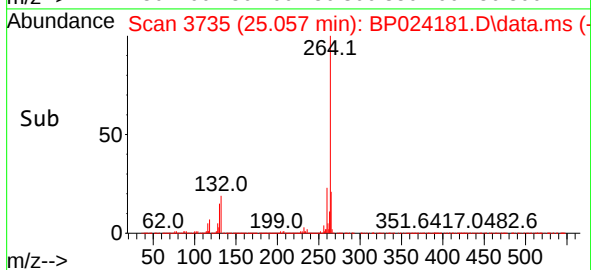
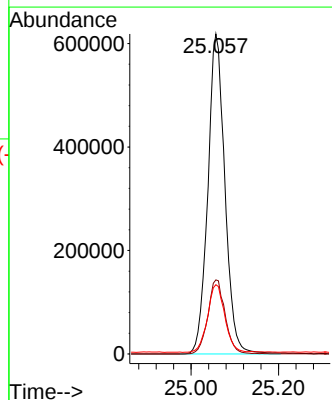
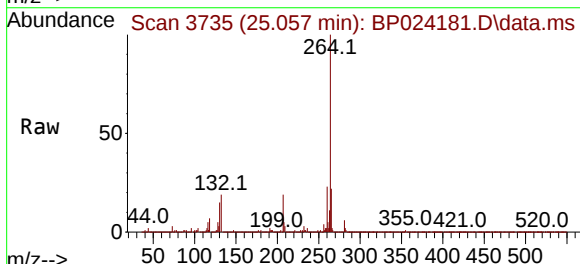
Instrument :
BNA_P
ClientSampleId :
PB167157BS

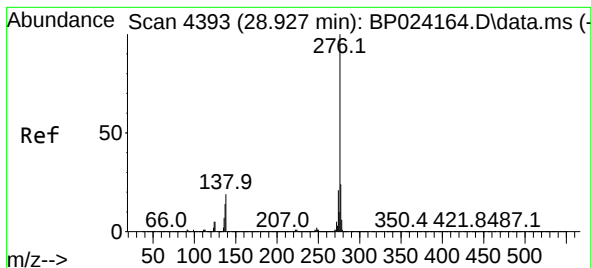
Tgt Ion:149 Resp: 4753251
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.057 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:264 Resp: 1679154
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.893 ng

RT: 28.933 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

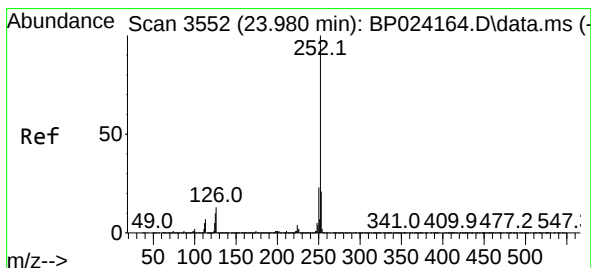
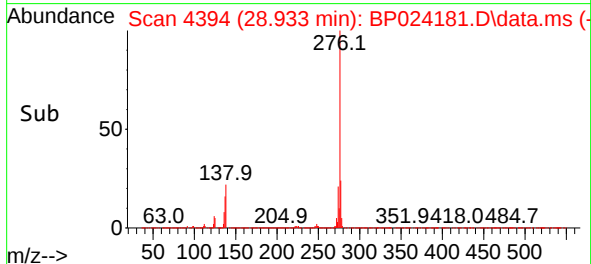
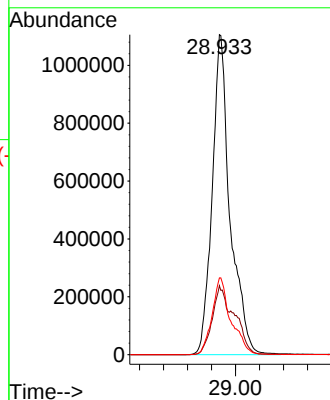
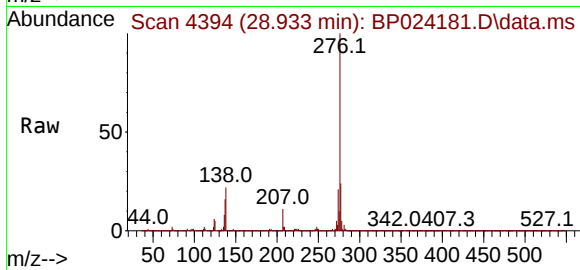
Tgt Ion:276 Resp: 5729823

Ion Ratio Lower Upper

276 100

138 26.4 13.7 20.5#

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.671 ng

RT: 23.998 min Scan# 3555

Delta R.T. 0.018 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

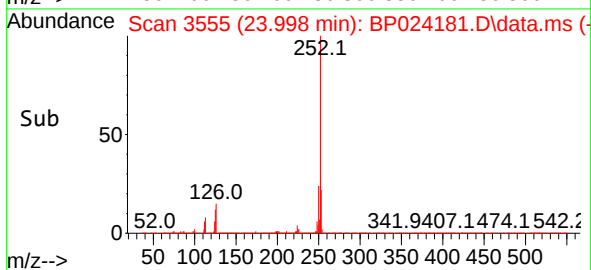
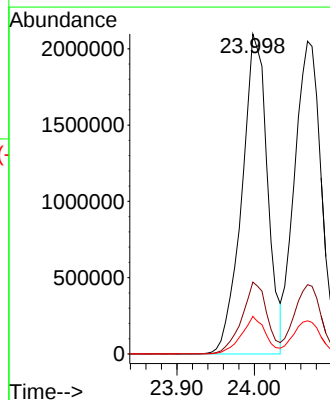
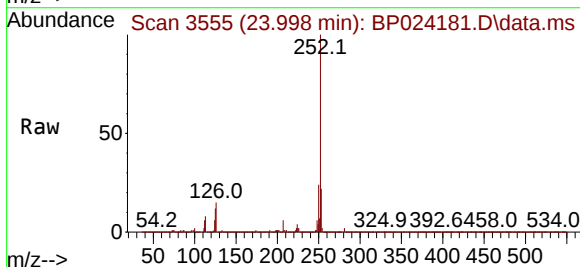
Tgt Ion:252 Resp: 4826316

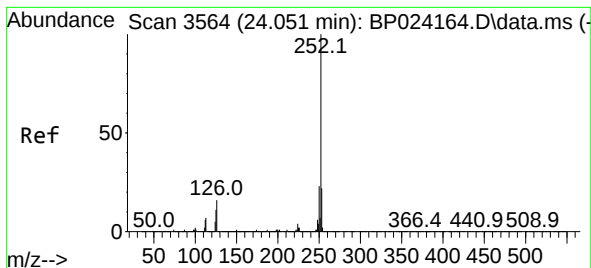
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 11.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 49.876 ng

RT: 24.069 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

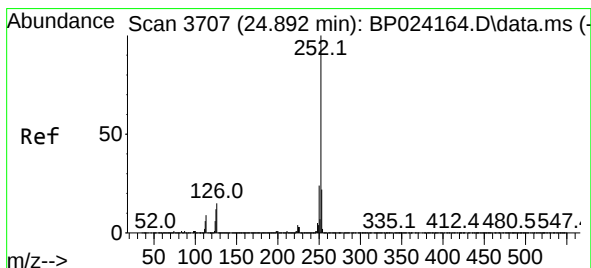
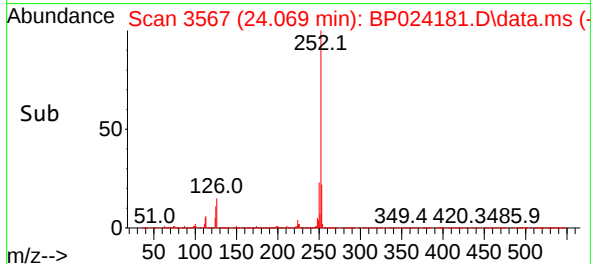
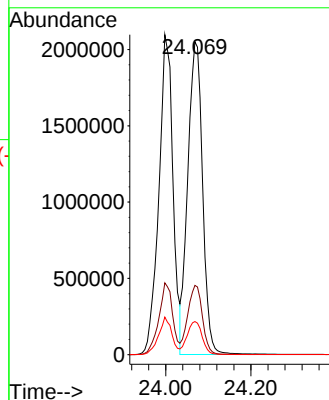
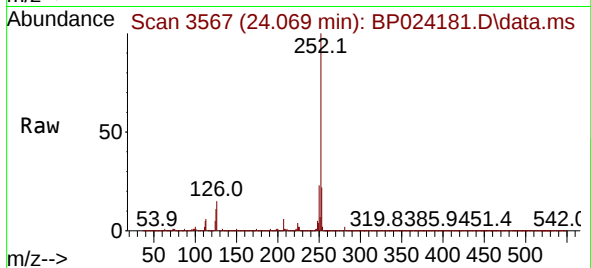
Tgt Ion:252 Resp: 4939409

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.6 9.1 13.7



#90

Benzo(a)pyrene

Concen: 51.840 ng

RT: 24.910 min Scan# 3710

Delta R.T. 0.018 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

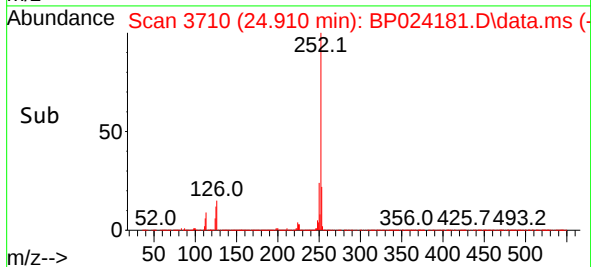
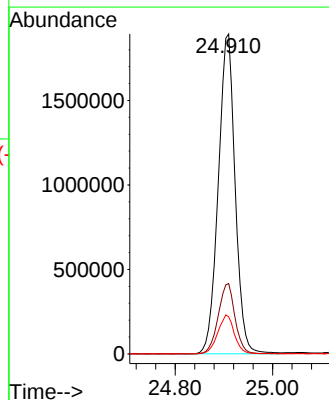
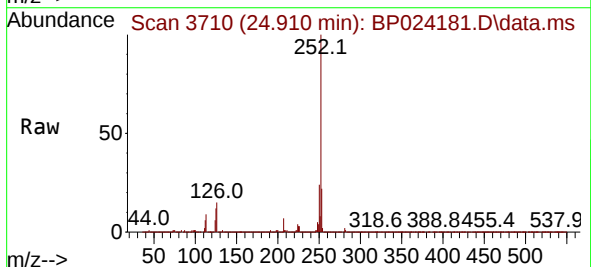
Tgt Ion:252 Resp: 4563825

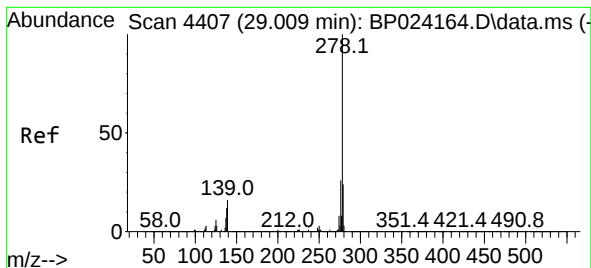
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.6 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 48.632 ng

RT: 29.004 min Scan# 4407

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

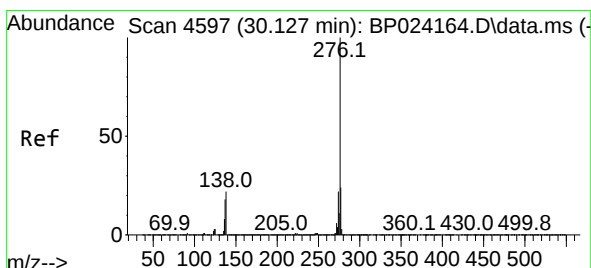
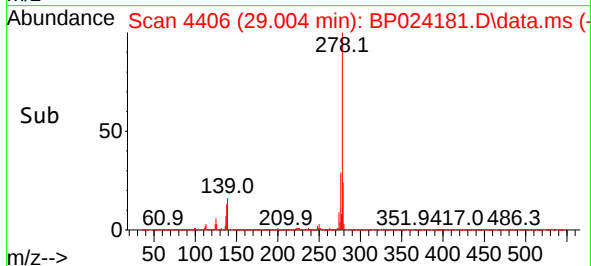
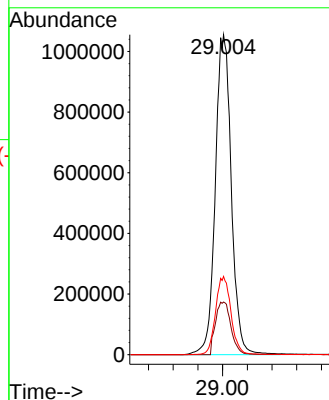
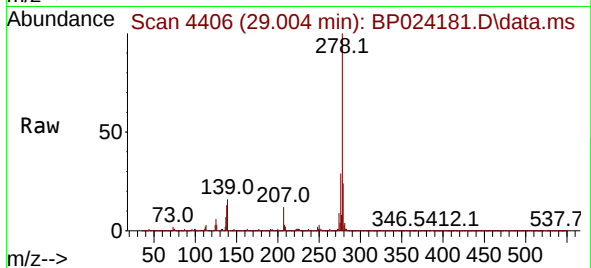
Tgt Ion:278 Resp: 4741549

Ion Ratio Lower Upper

278 100

139 16.5 13.0 19.4

279 24.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 45.033 ng

RT: 30.121 min Scan# 4596

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Tgt Ion:276 Resp: 4463272

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 22.5 17.4 26.2

