

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024182.D
 Acq On : 18 Mar 2025 11:48
 Operator : RC/JU
 Sample : PB167171BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BS

Quant Time: Mar 18 12:35:39 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	336256	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1366720	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	842343	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1608205	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1705744	20.000	ng	0.00
86) Perylene-d12	25.051	264	1768980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2239768	106.327	ng	0.00
7) Phenol-d6	6.952	99	2889504	102.576	ng	0.00
23) Nitrobenzene-d5	8.922	82	2460728	101.584	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1105833	104.222	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5657411	99.033	ng	0.00
79) Terphenyl-d14	19.922	244	8591304	103.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	367764	44.044	ng	99
3) Pyridine	3.717	79	886489	38.835	ng	100
4) n-Nitrosodimethylamine	3.623	42	348591	45.716	ng	98
6) Aniline	7.105	93	1117176	43.529	ng	99
8) 2-Chlorophenol	7.340	128	1119766	49.213	ng	100
9) Benzaldehyde	6.922	77	284779	20.949	ng	97
10) Phenol	6.981	94	1443988	50.778	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1050206	46.831	ng	99
12) 1,3-Dichlorobenzene	7.658	146	1137783	46.371	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1157565	46.205	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1118189	46.511	ng	100
15) Benzyl Alcohol	8.011	79	902343	50.597	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1112846	48.622	ng	98
17) 2-Methylphenol	8.216	107	931886	52.259	ng	99
18) Hexachloroethane	8.840	117	415668	46.766	ng	100
19) n-Nitroso-di-n-propyla...	8.569	70	778394	47.631	ng	100
20) 3+4-Methylphenols	8.540	107	1270966	51.878	ng	98
22) Acetophenone	8.581	105	1767983	51.166	ng	100
24) Nitrobenzene	8.963	77	1140344	47.720	ng	99
25) Isophorone	9.481	82	2116347	50.967	ng	100
26) 2-Nitrophenol	9.669	139	557597	48.850	ng	98
27) 2,4-Dimethylphenol	9.728	122	958746	65.320	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	1397511	47.841	ng	100
29) 2,4-Dichlorophenol	10.199	162	1013236	51.031	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	1003790	45.758	ng	99
31) Naphthalene	10.599	128	3278998	45.260	ng	100
32) Benzoic acid	9.881	122	801484	55.991	ng	99
33) 4-Chloroaniline	10.710	127	725075	27.966	ng	100
34) Hexachlorobutadiene	10.887	225	582714	46.155	ng	99
35) Caprolactam	11.499	113	380311	58.443	ng	99
36) 4-Chloro-3-methylphenol	11.840	107	1086557	50.727	ng	99
37) 2-Methylnaphthalene	12.210	142	2199107	44.931	ng	100
38) 1-Methylnaphthalene	12.428	142	2162348	45.423	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1247209	51.221	ng	99
41) Hexachlorocyclopentadiene	12.563	237	1531261	174.459	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	784882	50.720	ng	99

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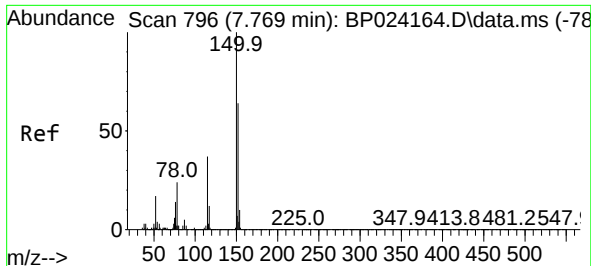
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	863959	50.909	ng	99
46) 1,1'-Biphenyl	13.228	154	3248502	51.321	ng	99
47) 2-Chloronaphthalene	13.269	162	2241425	47.078	ng	99
48) 2-Nitroaniline	13.475	65	639752	52.535	ng	98
49) Acenaphthylene	14.122	152	3686747	51.176	ng	99
50) Dimethylphthalate	13.857	163	2857415	48.480	ng	100
51) 2,6-Dinitrotoluene	13.975	165	620806	50.060	ng	98
52) Acenaphthene	14.469	154	2175211	47.258	ng	100
53) 3-Nitroaniline	14.310	138	407380	30.415	ng	99
54) 2,4-Dinitrophenol	14.516	184	838682	127.811	ng	96
55) Dibenzofuran	14.810	168	3420060	45.871	ng	99
56) 4-Nitrophenol	14.640	139	1310189	117.066	ng	99
57) 2,4-Dinitrotoluene	14.775	165	873666	53.334	ng	98
58) Fluorene	15.463	166	2814312	48.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	747197	49.834	ng	99
60) Diethylphthalate	15.240	149	2837973	48.352	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1366572	47.963	ng	99
62) 4-Nitroaniline	15.487	138	689313	49.068	ng	99
63) Azobenzene	15.763	77	2690454	48.633	ng	100
65) 4,6-Dinitro-2-methylph...	15.551	198	492199	51.554	ng	98
66) n-Nitrosodiphenylamine	15.687	169	2425582	49.668	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	858874	48.643	ng	94
68) Hexachlorobenzene	16.492	284	1014465	48.543	ng	97
69) Atrazine	16.663	200	935704	79.382	ng	98
70) Pentachlorophenol	16.851	266	1464057	108.331	ng	99
71) Phenanthrene	17.251	178	4220737	48.042	ng	100
72) Anthracene	17.339	178	4340500	50.726	ng	100
73) Carbazole	17.622	167	4111261	49.822	ng	100
74) Di-n-butylphthalate	18.216	149	4806920	49.070	ng	100
75) Fluoranthene	19.333	202	4904746	48.203	ng	100
77) Benzidine	19.528	184	1966066	105.421	ng	100
78) Pyrene	19.710	202	5187079	48.914	ng	100
80) Butylbenzylphthalate	20.657	149	2174384	49.722	ng	96
81) Benzo(a)anthracene	21.639	228	5141996	48.486	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1331069	37.449	ng	99
83) Chrysene	21.698	228	4836892	47.444	ng	100
84) Bis(2-ethylhexyl)phtha...	21.575	149	3236314	49.045	ng	99
85) Di-n-octyl phthalate	22.874	149	5196175	49.149	ng	100
87) Indeno(1,2,3-cd)pyrene	28.909	276	6054359m	49.039	ng	
88) Benzo(b)fluoranthene	23.974	252	5195002	48.707	ng	98
89) Benzo(k)fluoranthene	24.045	252	5171208	49.565	ng	99
90) Benzo(a)pyrene	24.880	252	4874580	52.558	ng	99
91) Dibenzo(a,h)anthracene	28.992	278	5022005	48.893	ng	98
92) Benzo(g,h,i)perylene	30.103	276	4725360	45.257	ng	99

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

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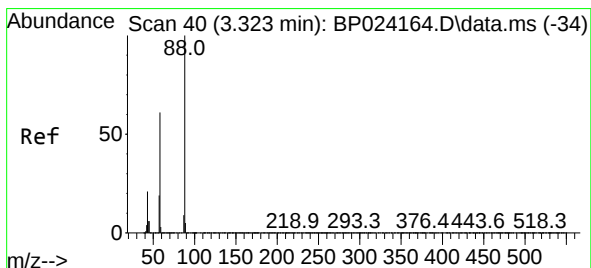
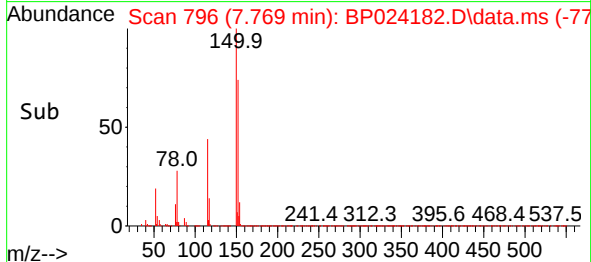
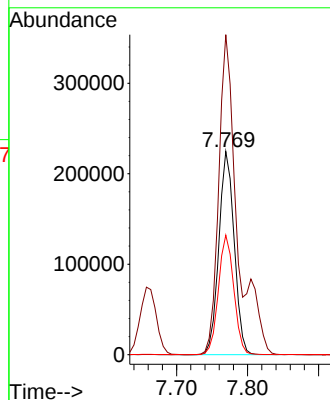
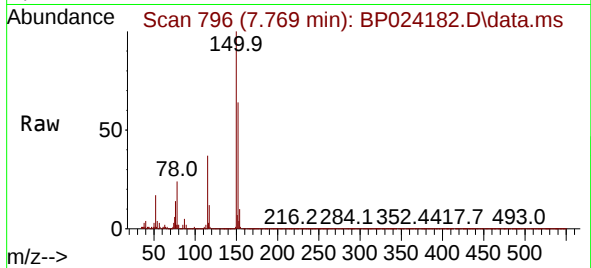




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

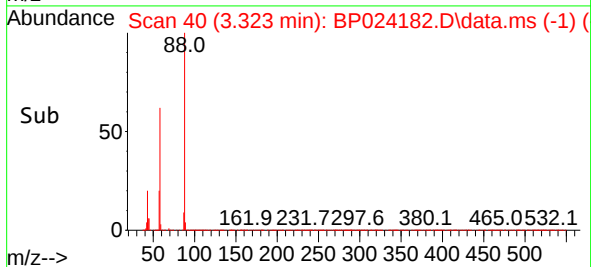
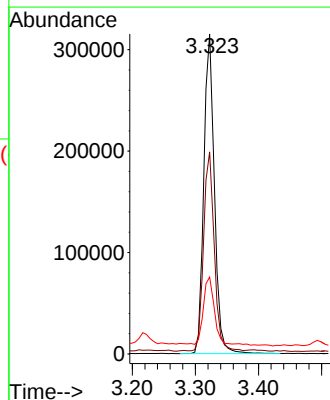
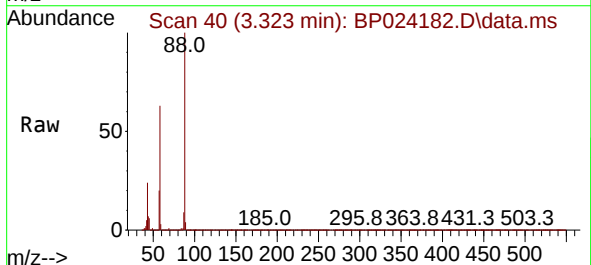
Instrument :
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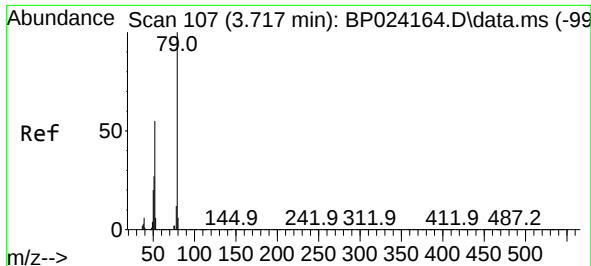
Tgt Ion:152 Resp: 336256
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.5 188.3
 115 58.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 44.044 ng
 RT: 3.323 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

Tgt Ion: 88 Resp: 367764
 Ion Ratio Lower Upper
 88 100
 58 63.0 49.8 74.6
 43 22.7 17.3 25.9

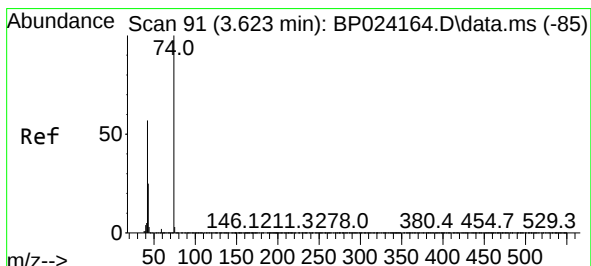
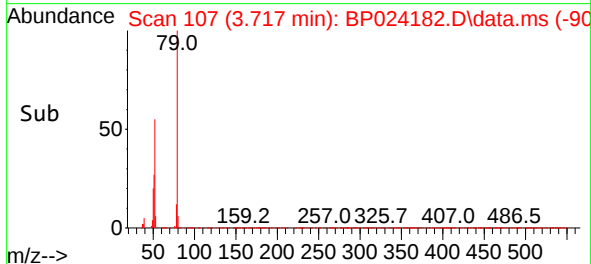
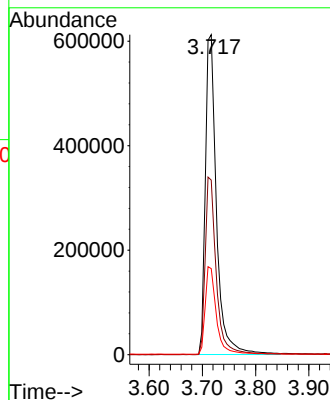
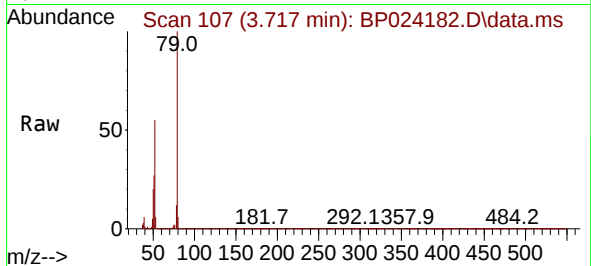




#3
Pyridine
Concen: 38.835 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

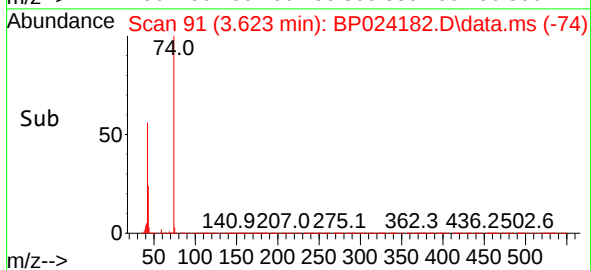
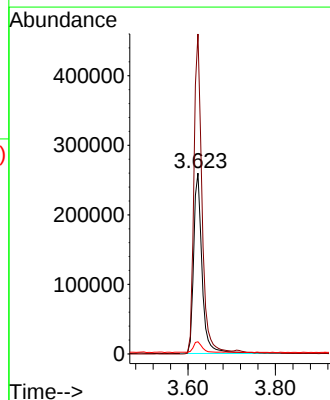
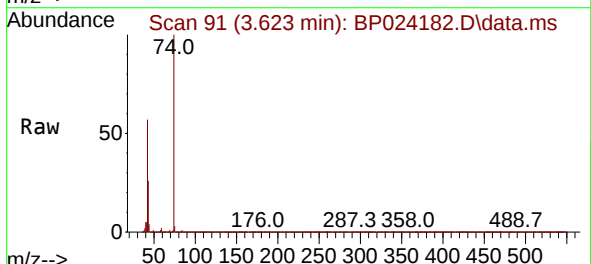
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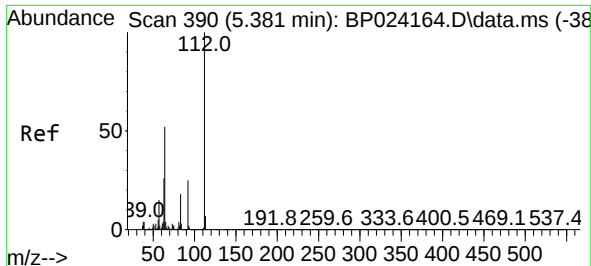
Tgt Ion: 79 Resp: 886489
Ion Ratio Lower Upper
79 100
52 54.5 43.8 65.8
51 26.9 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 45.716 ng
RT: 3.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 42 Resp: 348591
Ion Ratio Lower Upper
42 100
74 177.0 139.8 209.6
44 6.7 5.3 7.9

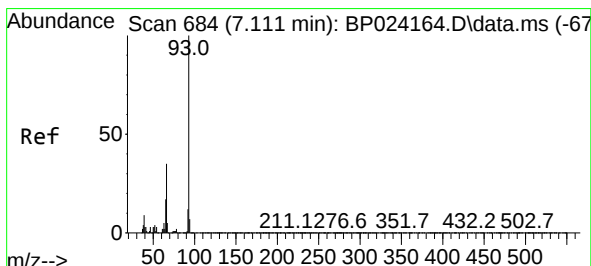
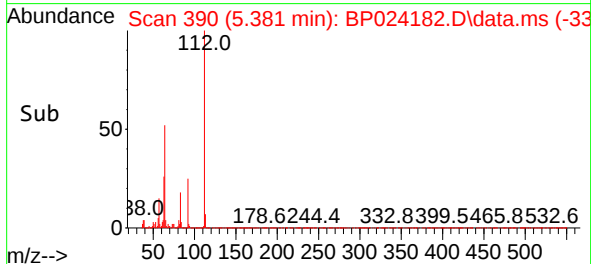
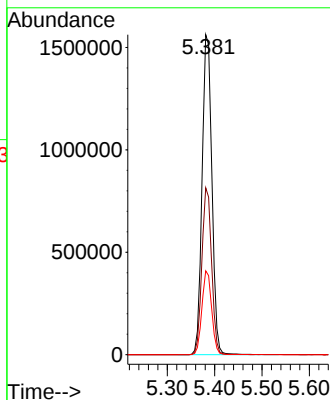
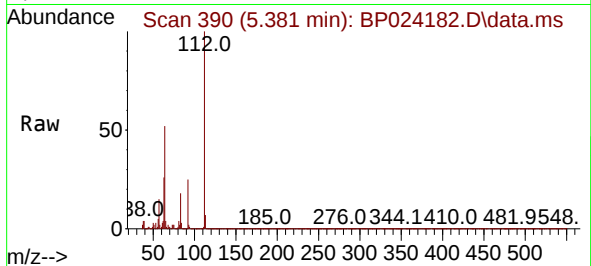




#5
2-Fluorophenol
Concen: 106.327 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

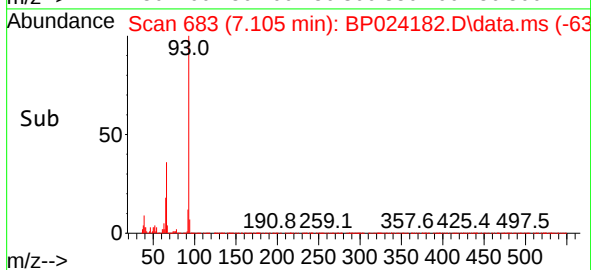
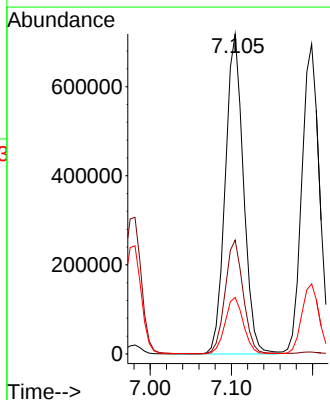
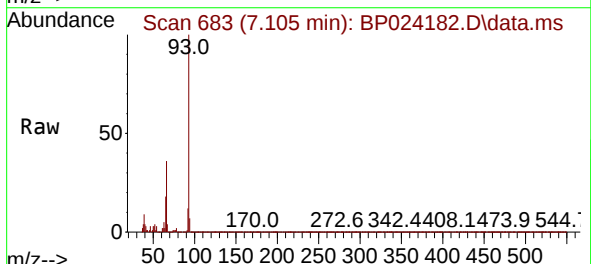
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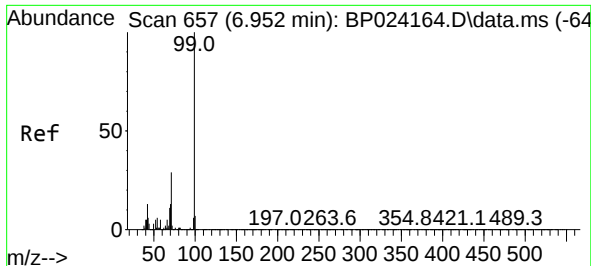
Tgt Ion:112 Resp: 2239768
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 26.2 20.6 31.0



#6
Aniline
Concen: 43.529 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 93 Resp: 1117176
Ion Ratio Lower Upper
93 100
66 35.6 28.2 42.2
65 17.6 14.0 21.0



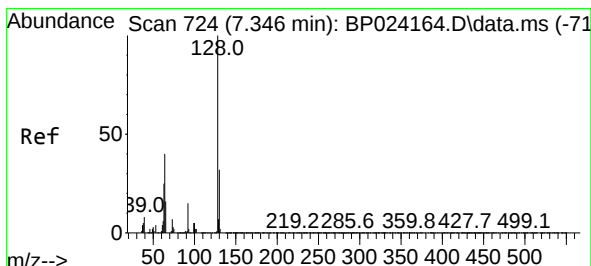
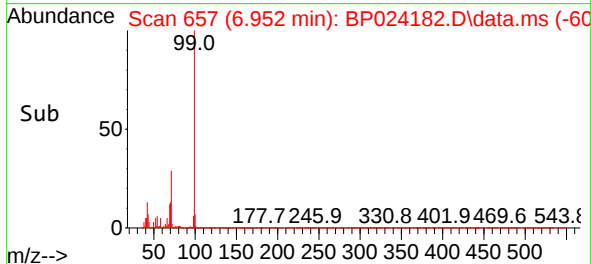
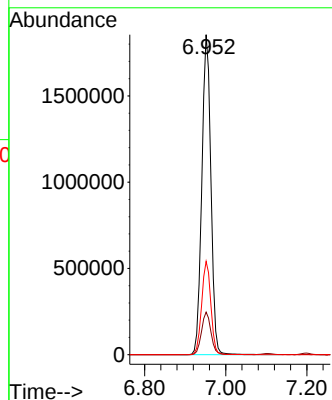
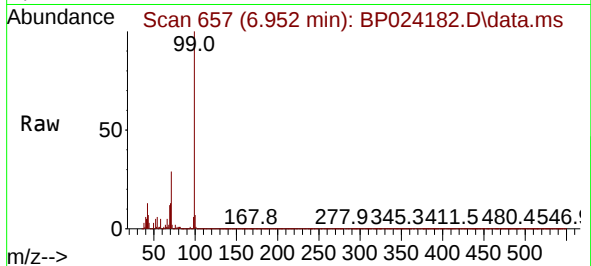


#7
Phenol-d6
Concen: 102.576 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Instrument :
BNA_P
ClientSampleId :
PB167171BS

Tgt Ion: 99 Resp: 2889504

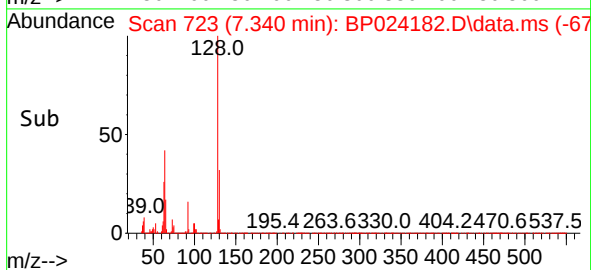
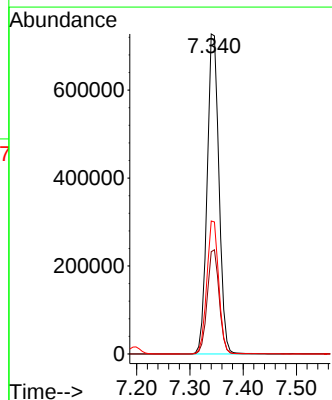
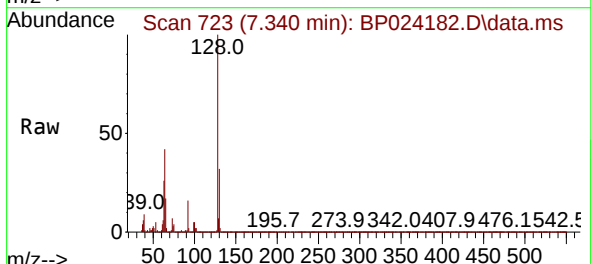
Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.1	23.3	34.9

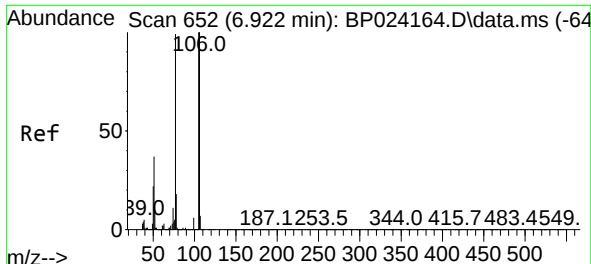


#8
2-Chlorophenol
Concen: 49.213 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:128 Resp: 1119766

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	41.6	21.6	61.6

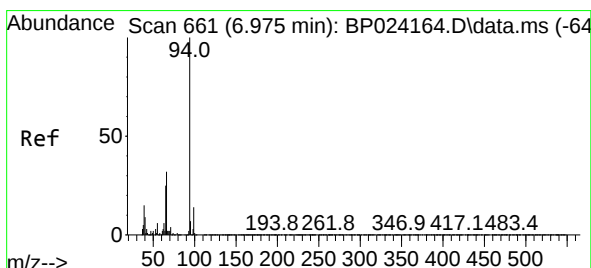
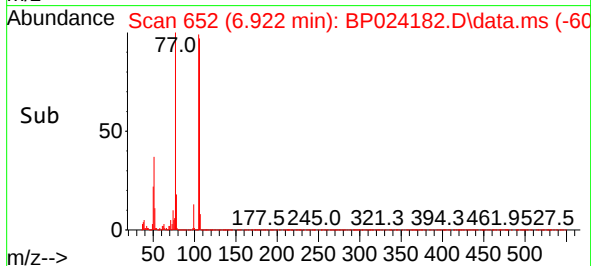
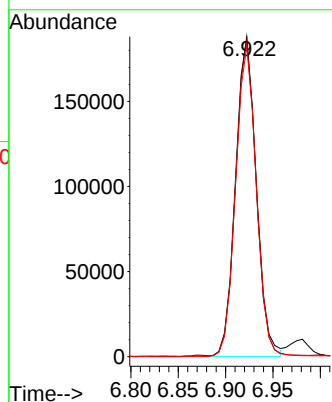
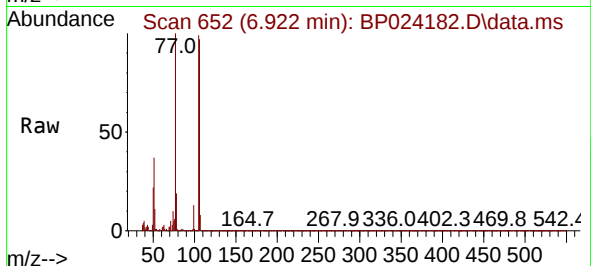




#9
Benzaldehyde
Concen: 20.949 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

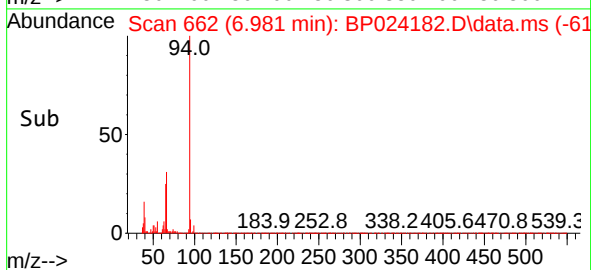
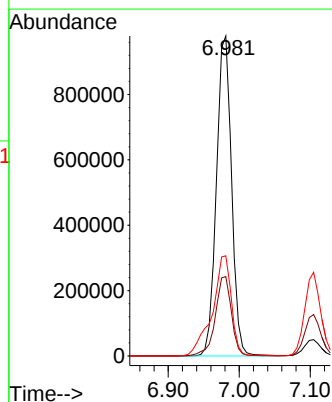
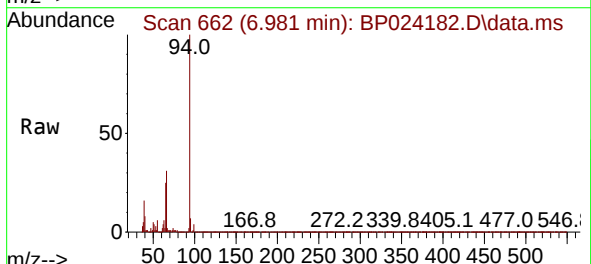
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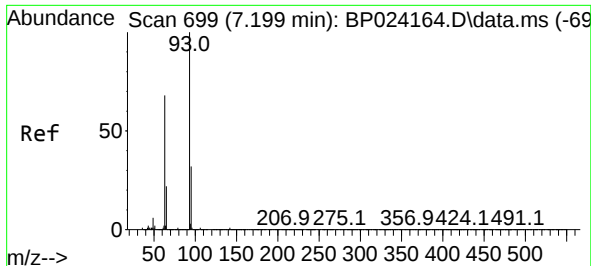
Tgt Ion: 77 Resp: 284779
Ion Ratio Lower Upper
77 100
105 99.0 81.4 121.4
106 96.9 81.1 121.1



#10
Phenol
Concen: 50.778 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 94 Resp: 1443988
Ion Ratio Lower Upper
94 100
65 24.8 4.9 44.9
66 31.3 11.9 51.9



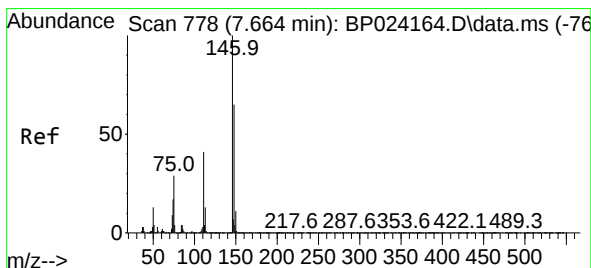
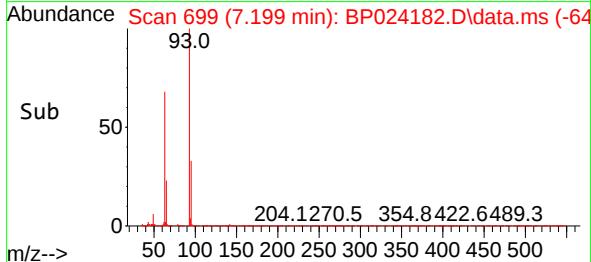
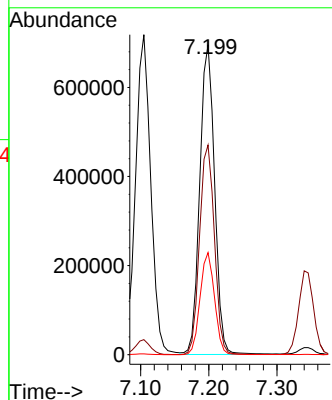
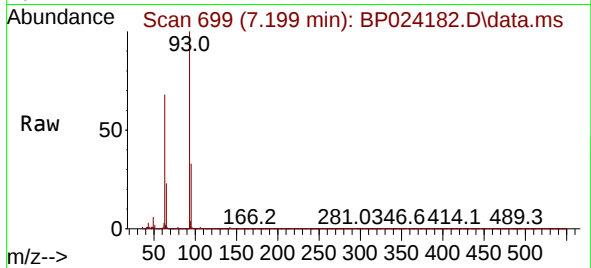


#11
bis(2-Chloroethyl)ether
Concen: 46.831 ng
RT: 7.199 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Instrument :
BNA_P
ClientSampleId :
PB167171BS

Tgt Ion: 93 Resp: 1050206

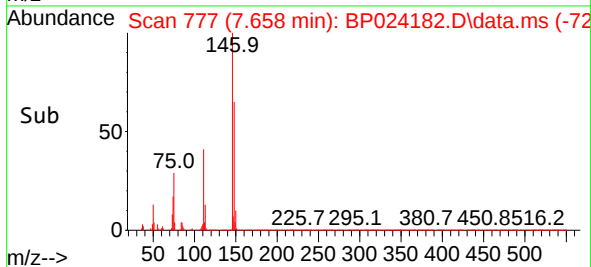
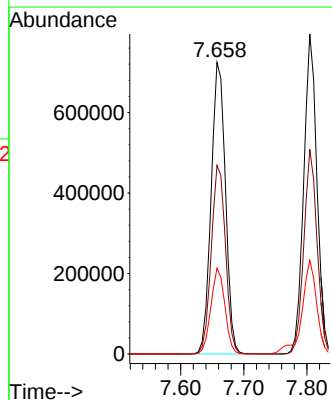
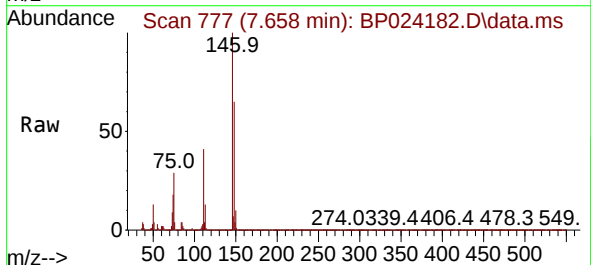
Ion	Ratio	Lower	Upper
93	100		
63	67.6	47.4	87.4
95	33.0	12.1	52.1

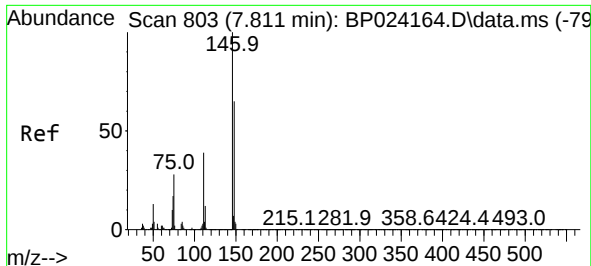


#12
1,3-Dichlorobenzene
Concen: 46.371 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 146 Resp: 1137783

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	29.4	22.8	34.2

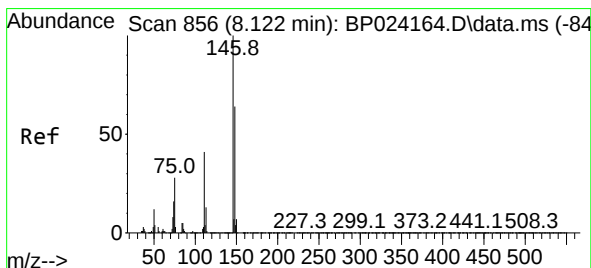
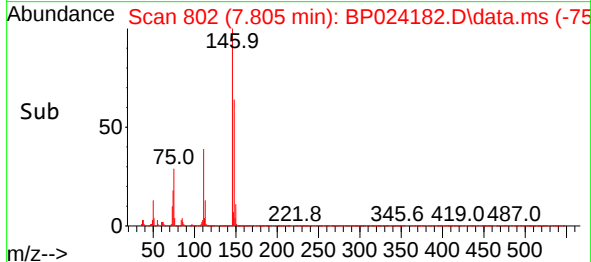
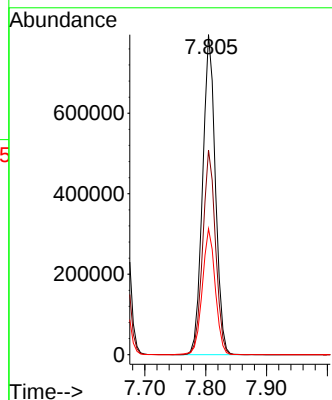
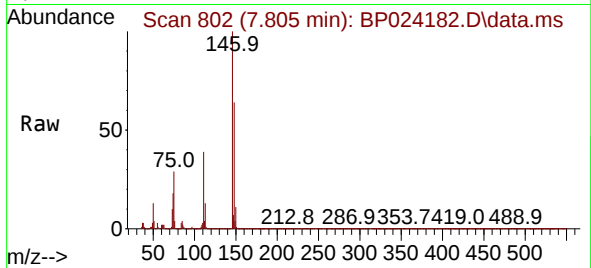




#13
1,4-Dichlorobenzene
Concen: 46.205 ng
RT: 7.805 min Scan# 803
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

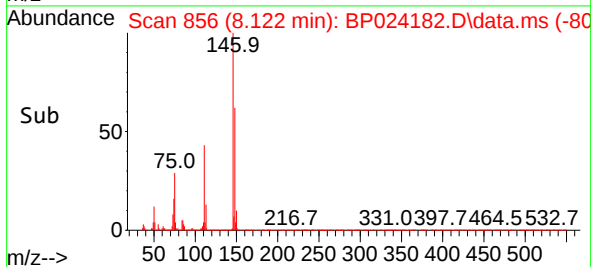
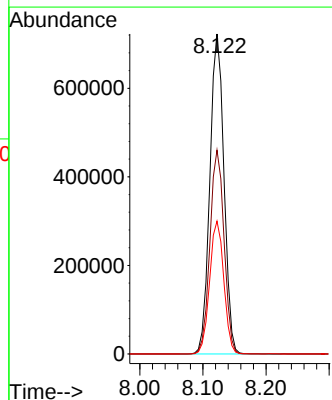
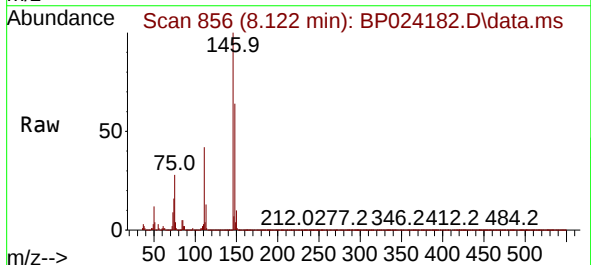
Instrument :
BNA_P
ClientSampleId :
PB167171BS

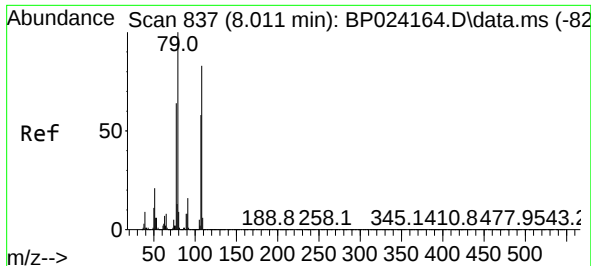
Tgt Ion:146 Resp: 1157565
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 39.4 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 46.511 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:146 Resp: 1118189
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 41.5 33.2 49.8

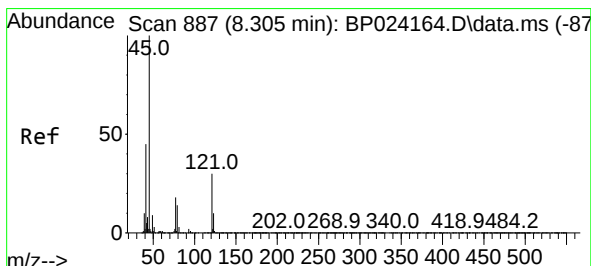
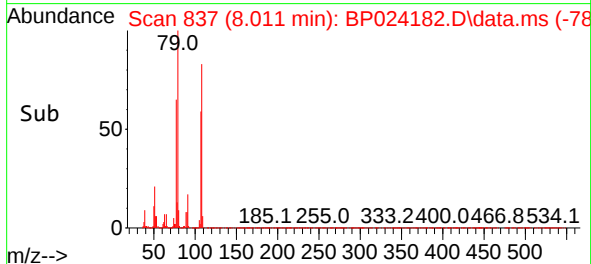
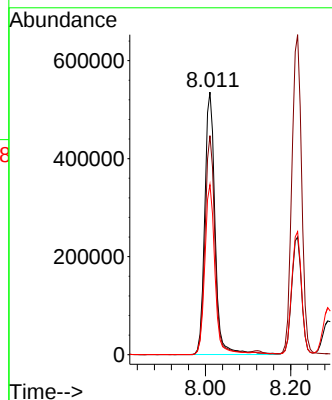
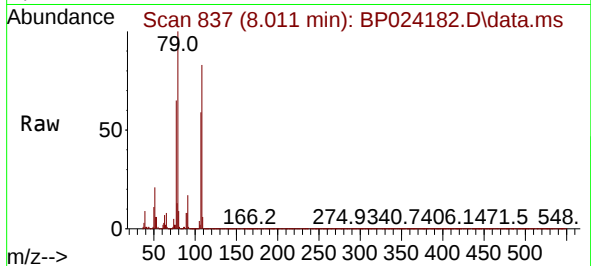




#15
Benzyl Alcohol
Concen: 50.597 ng
RT: 8.011 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

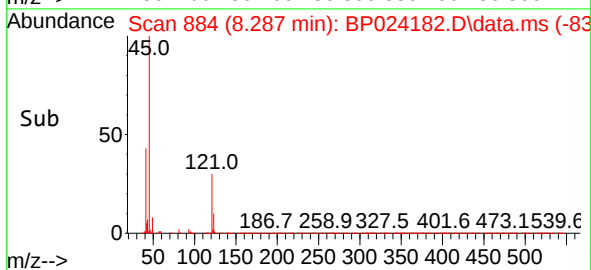
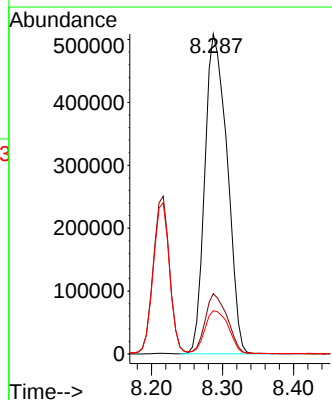
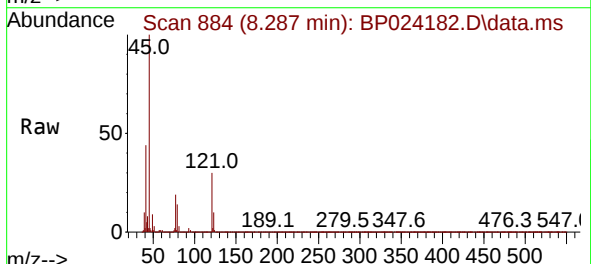
Instrument :
BNA_P
ClientSampleId :
PB167171BS

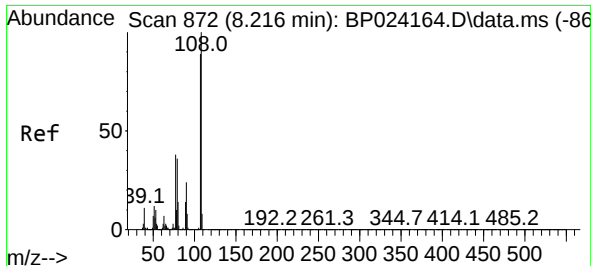
Tgt Ion: 79 Resp: 902343
Ion Ratio Lower Upper
79 100
108 83.4 66.5 99.7
77 64.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.622 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 45 Resp: 1112846
Ion Ratio Lower Upper
45 100
77 18.8 0.0 39.0
79 13.5 0.0 35.6

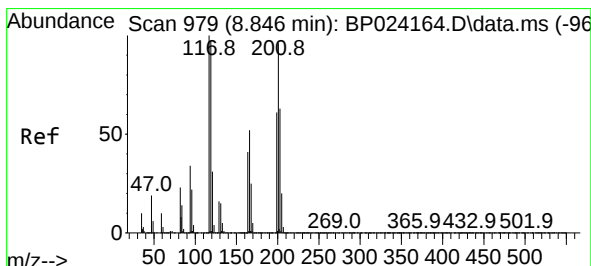
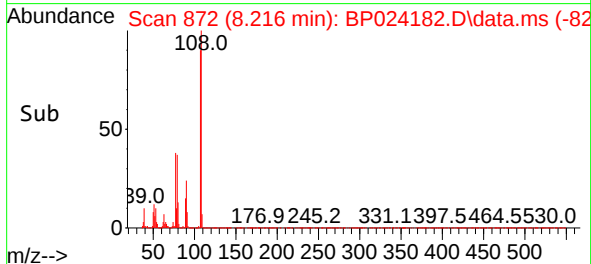
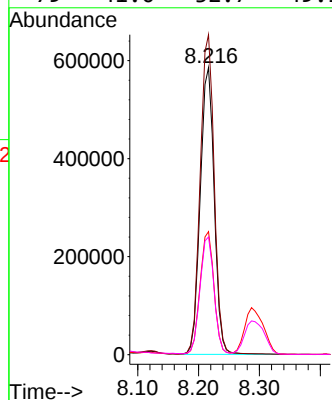
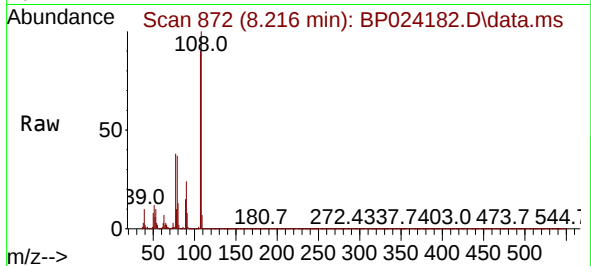




#17
2-Methylphenol
Concen: 52.259 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

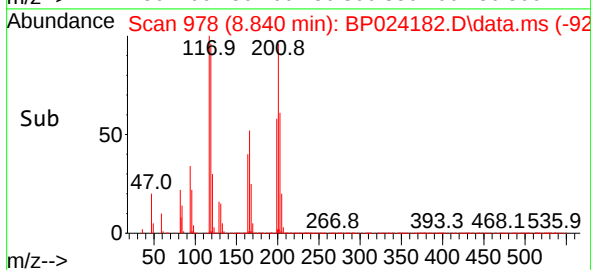
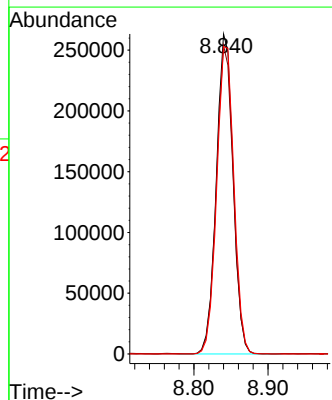
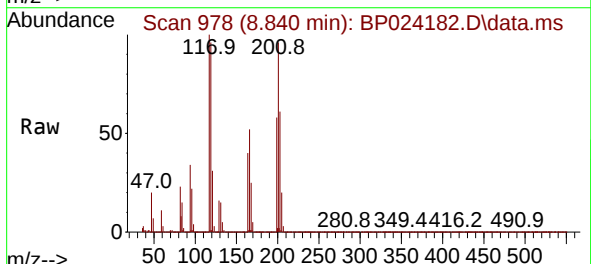
Instrument :
BNA_P
ClientSampleId :
PB167171BS

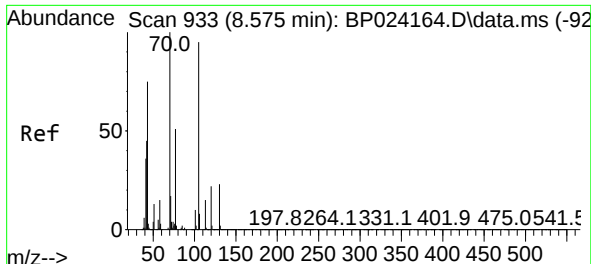
Tgt Ion:	107	Resp:	931886
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.0	135.0
77	42.8	34.0	51.0
79	41.0	32.7	49.1



#18
Hexachloroethane
Concen: 46.766 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:	117	Resp:	415668
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	96.0	76.6	114.8



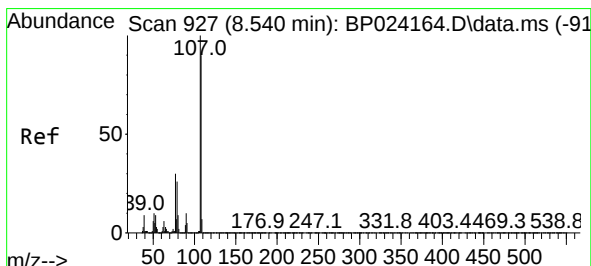
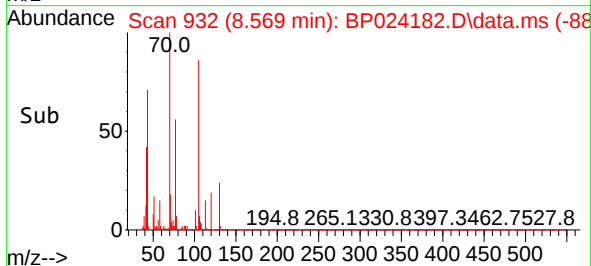
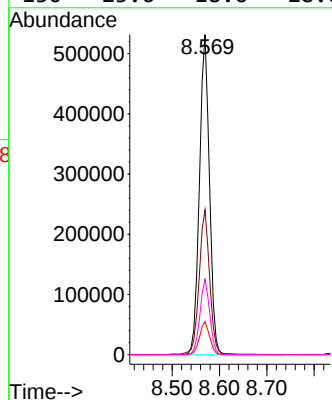
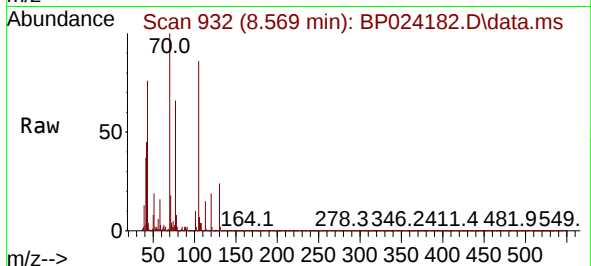


#19
n-Nitroso-di-n-propylamine
Concen: 47.631 ng
RT: 8.569 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Instrument :
BNA_P
ClientSampleId :
PB167171BS

Tgt Ion: 70 Resp: 778394

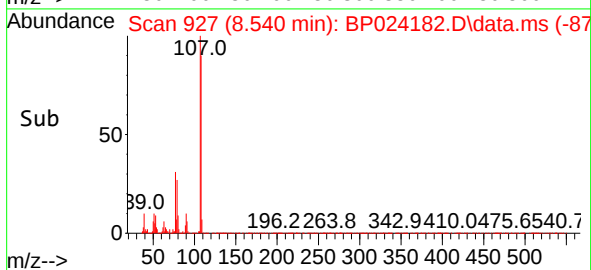
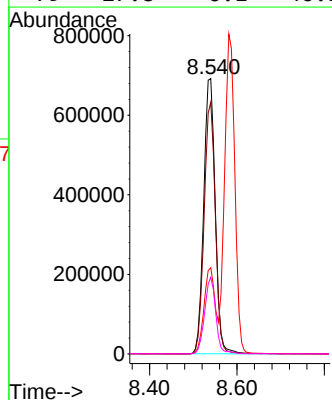
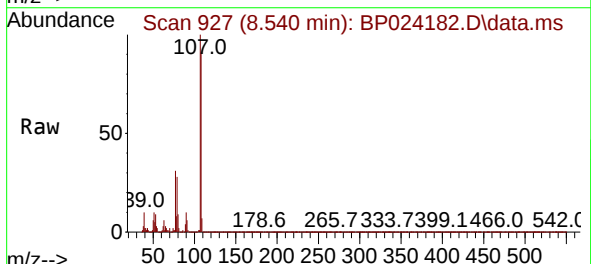
Ion	Ratio	Lower	Upper
70	100		
42	45.3	36.0	54.0
101	10.3	8.3	12.5
130	23.6	18.6	28.0

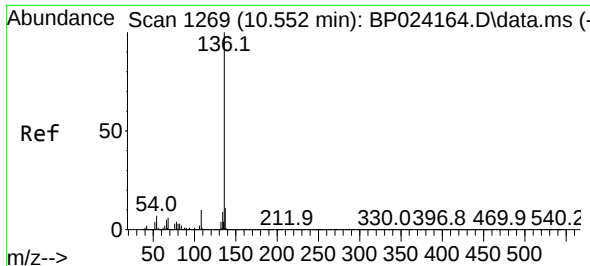


#20
3+4-Methylphenols
Concen: 51.878 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 107 Resp: 1270966

Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.7	109.7
77	31.3	10.3	50.3
79	27.8	6.1	46.1

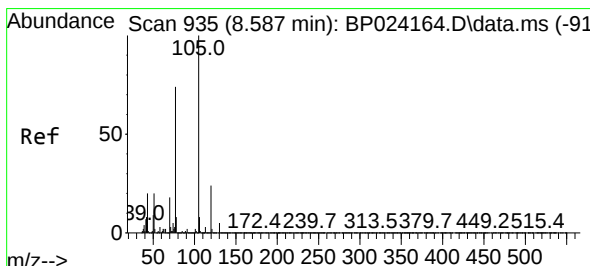
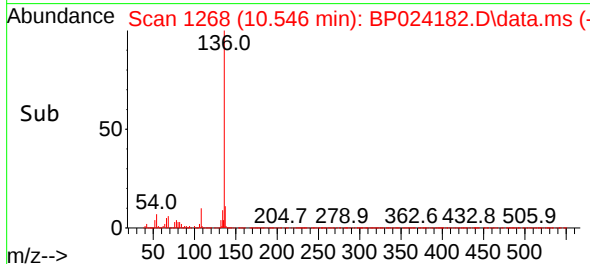
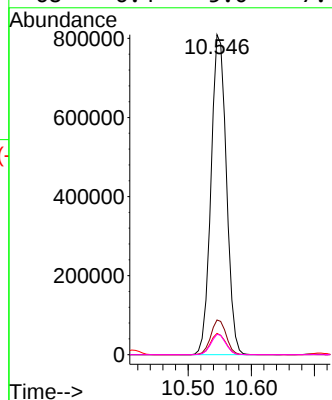
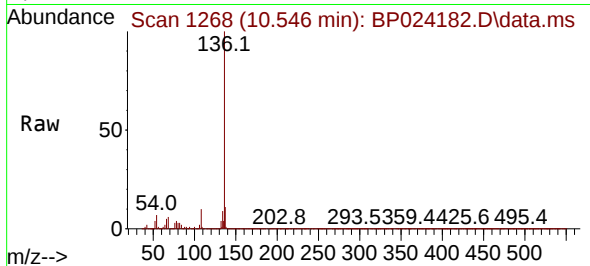




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

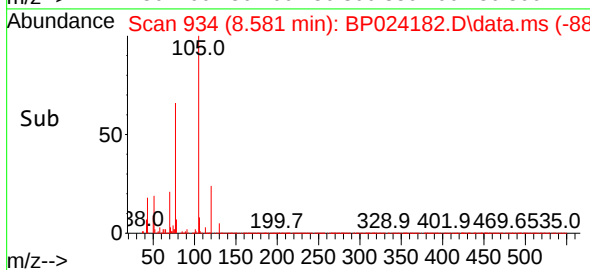
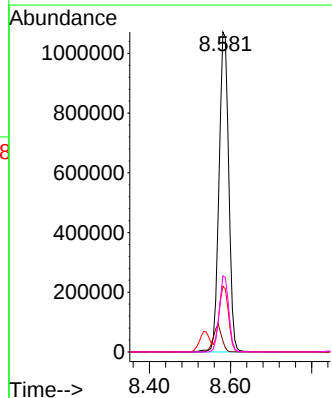
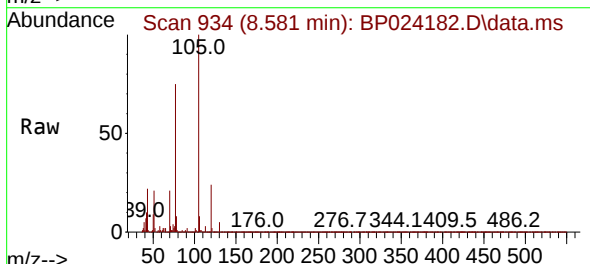
Instrument :
BNA_P
ClientSampleId :
PB167171BS

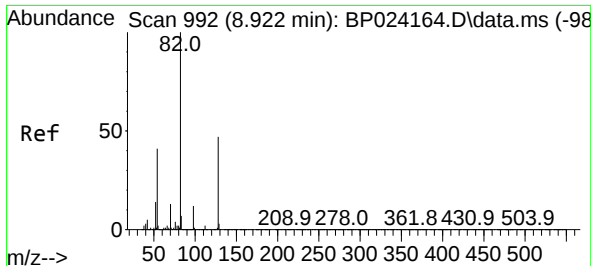
Tgt Ion:136 Resp: 1366720
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.7 5.3 7.9
68 6.4 5.0 7.4



#22
Acetophenone
Concen: 51.166 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:105 Resp: 1767983
Ion Ratio Lower Upper
105 100
71 3.4 2.4 3.6
51 20.6 16.2 24.2
120 23.8 19.0 28.6

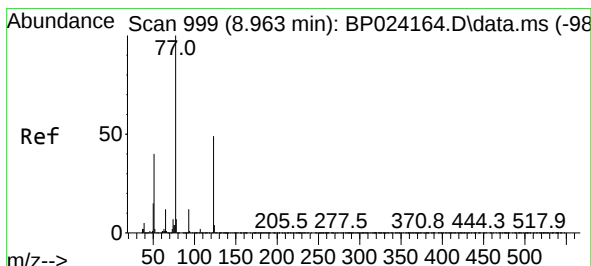
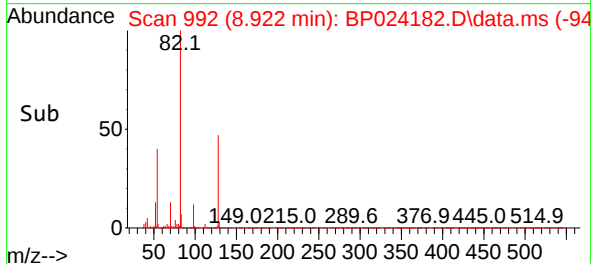
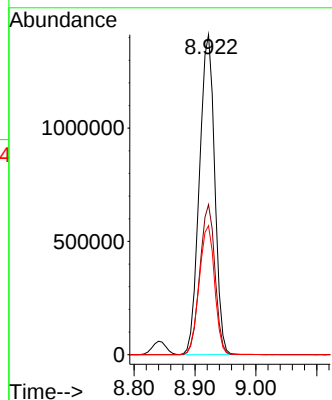
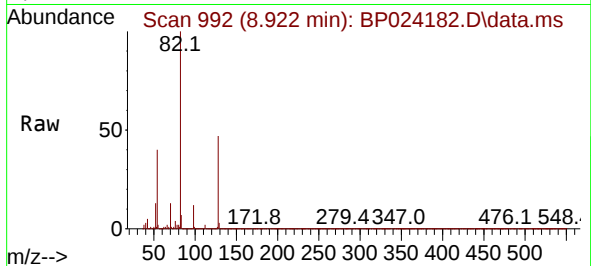




#23
Nitrobenzene-d5
Concen: 101.584 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

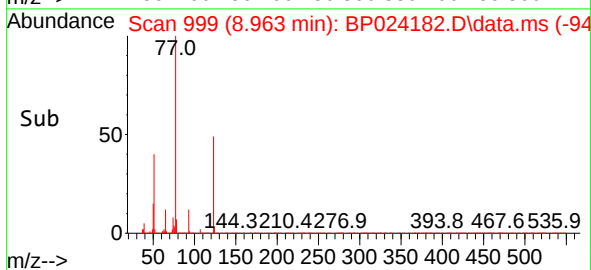
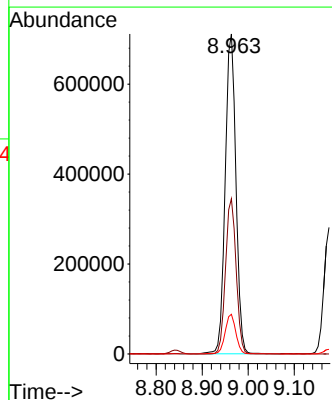
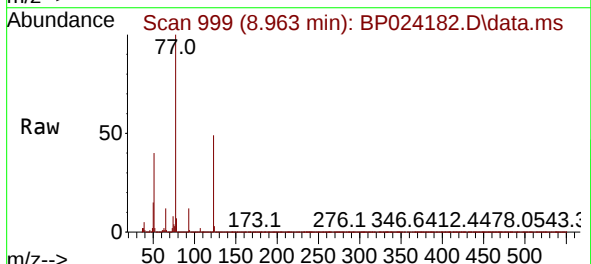
Instrument :
BNA_P
ClientSampleId :
PB167171BS

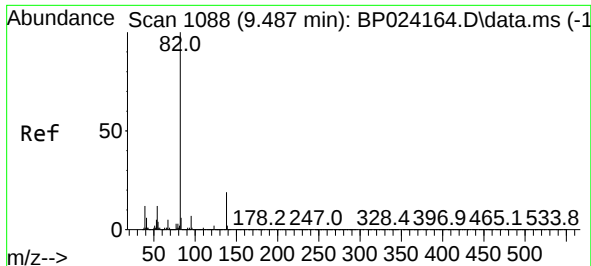
Tgt Ion: 82 Resp: 2460728
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 40.3 32.5 48.7



#24
Nitrobenzene
Concen: 47.720 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 77 Resp: 1140344
Ion Ratio Lower Upper
77 100
123 48.5 39.4 59.2
65 12.4 9.9 14.9

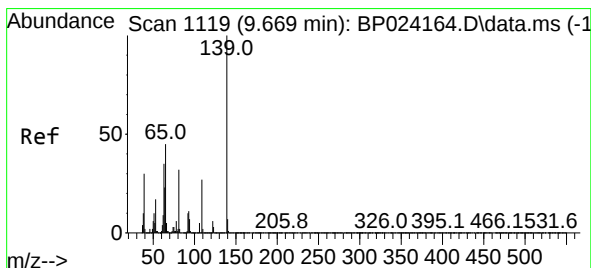
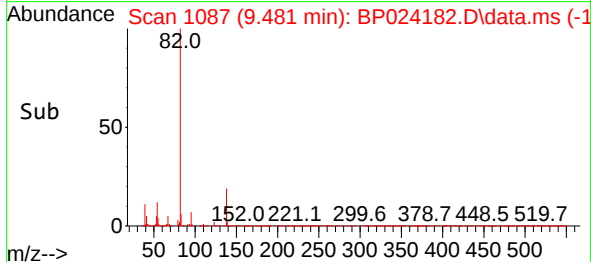
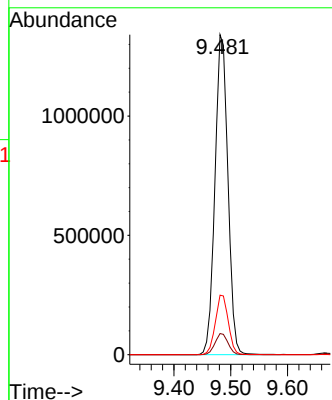
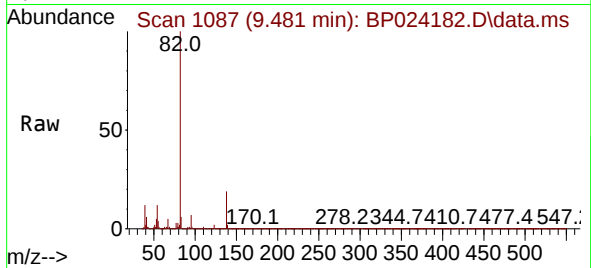




#25
Isophorone
Concen: 50.967 ng
RT: 9.481 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

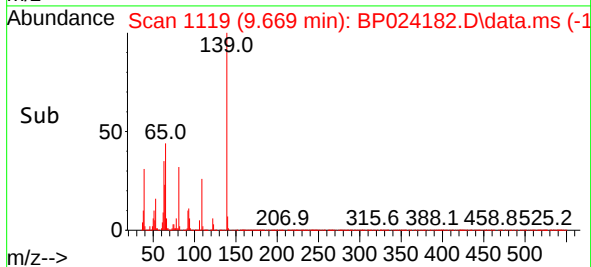
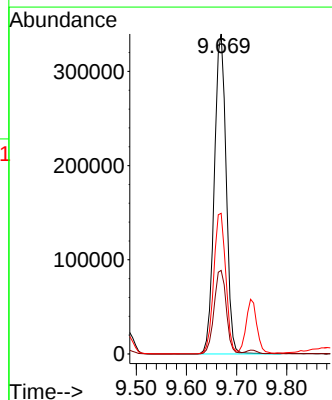
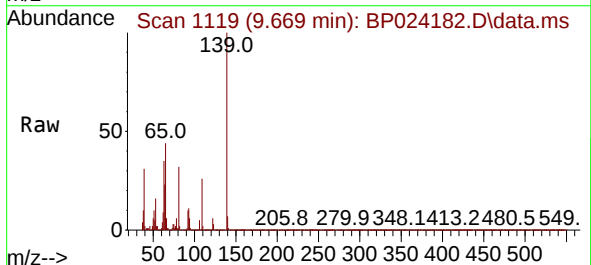
Instrument :
BNA_P
ClientSampleId :
PB167171BS

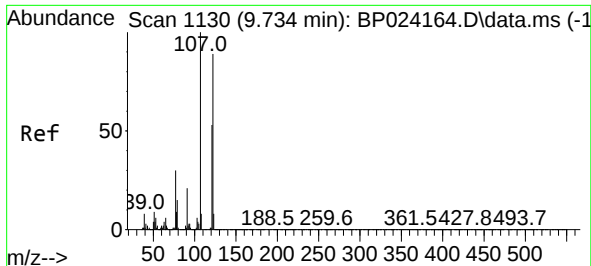
Tgt Ion: 82 Resp: 2116347
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.6 14.8 22.2



#26
2-Nitrophenol
Concen: 48.850 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 139 Resp: 557597
Ion Ratio Lower Upper
139 100
109 26.1 21.7 32.5
65 43.9 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 65.320 ng

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

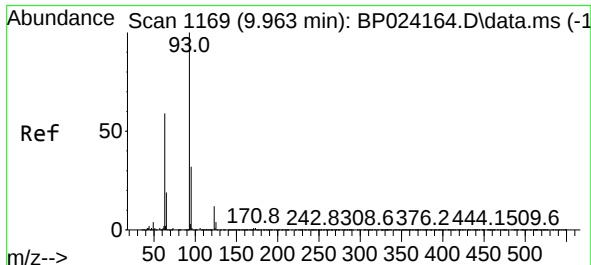
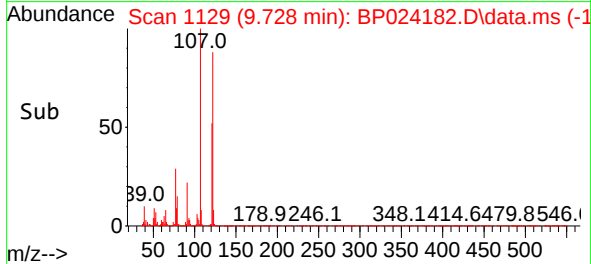
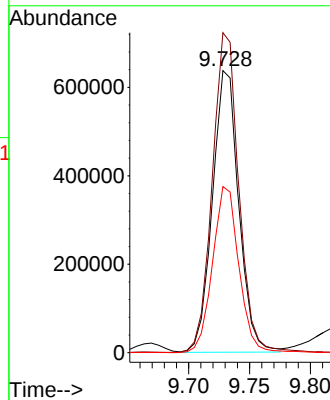
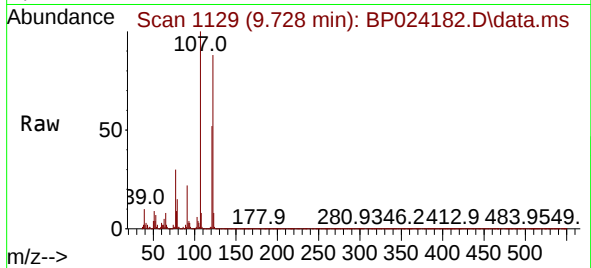
Tgt Ion:122 Resp: 958746

Ion Ratio Lower Upper

122 100

107 113.5 89.3 133.9

121 58.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.841 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

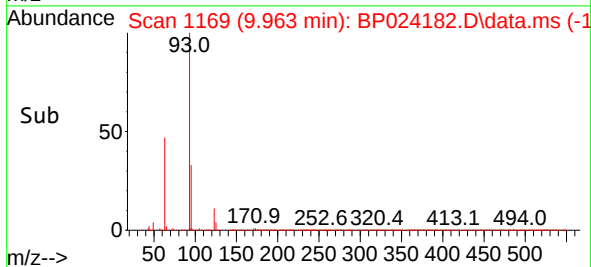
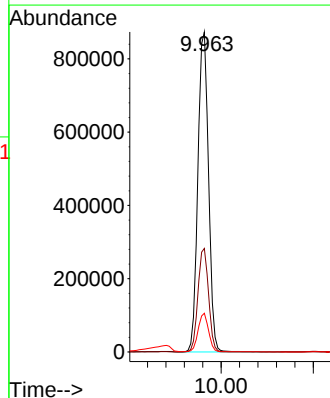
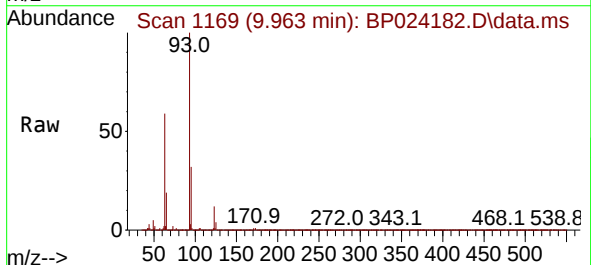
Tgt Ion: 93 Resp: 1397511

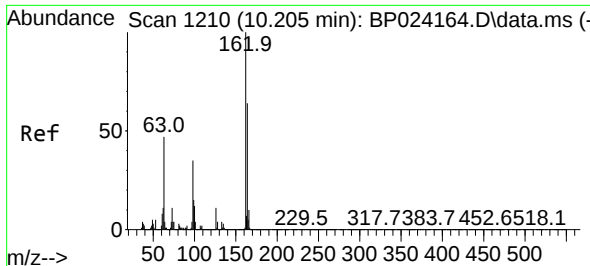
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 12.1 9.5 14.3

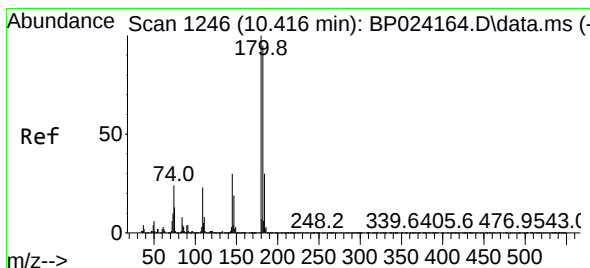
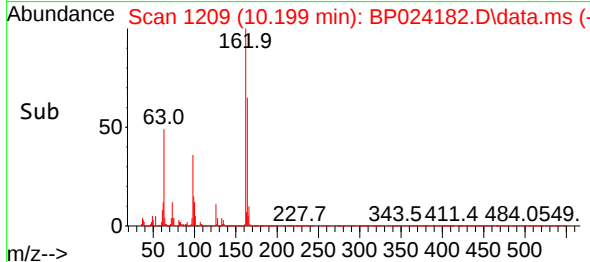
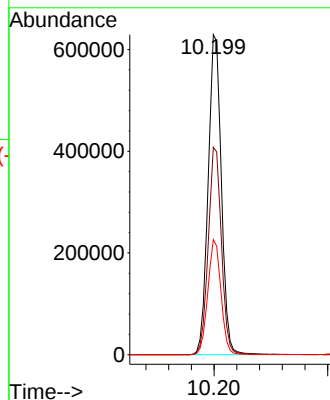
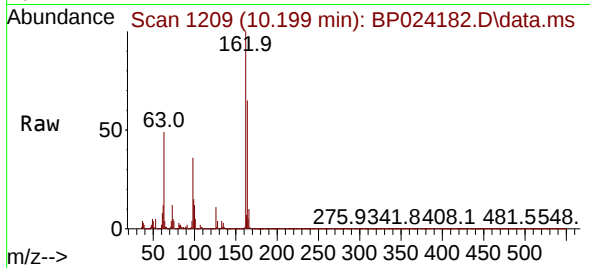




#29
2,4-Dichlorophenol
Concen: 51.031 ng
RT: 10.199 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

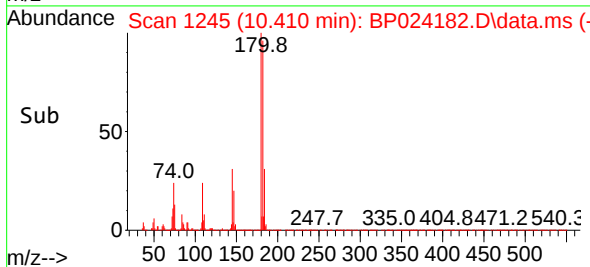
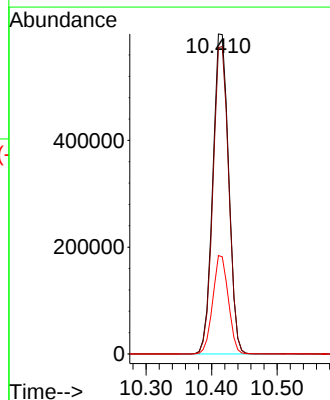
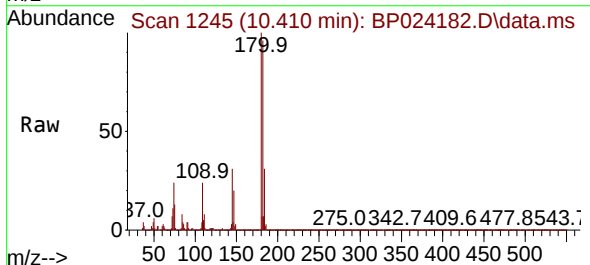
Instrument :
BNA_P
ClientSampleId :
PB167171BS

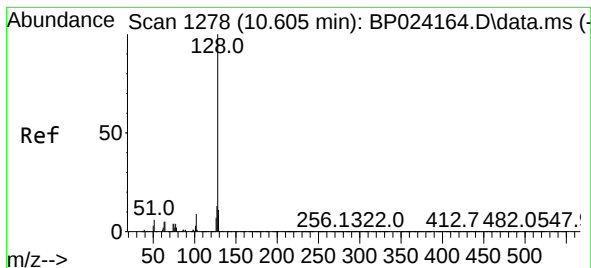
Tgt Ion:162 Resp: 1013236
Ion Ratio Lower Upper
162 100
164 64.9 44.2 84.2
98 36.0 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 45.758 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:180 Resp: 1003790
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
145 30.7 24.2 36.2

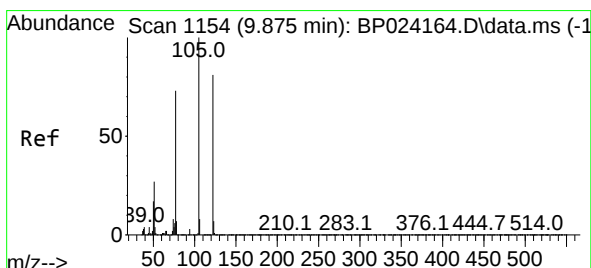
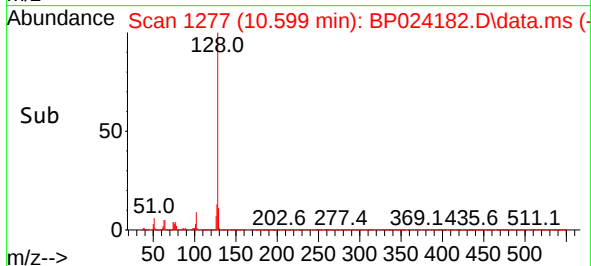
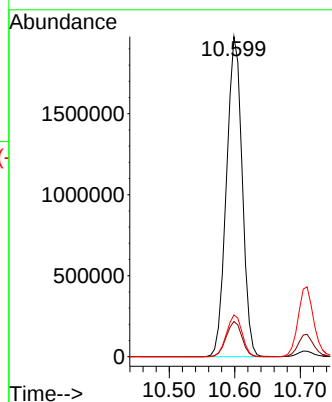
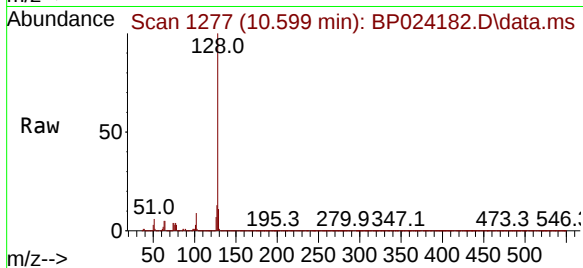




#31
Naphthalene
Concen: 45.260 ng
RT: 10.599 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

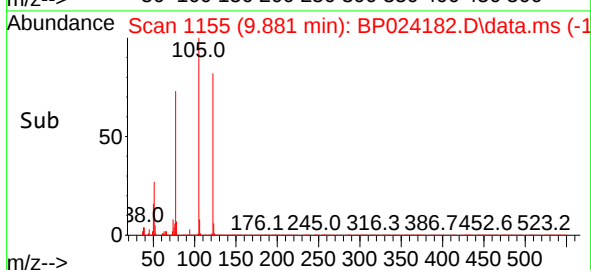
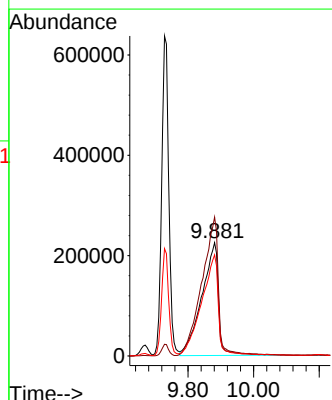
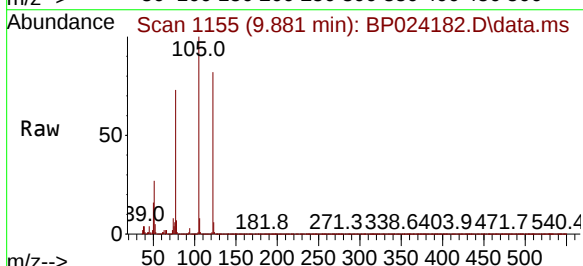
Instrument :
BNA_P
ClientSampleId :
PB167171BS

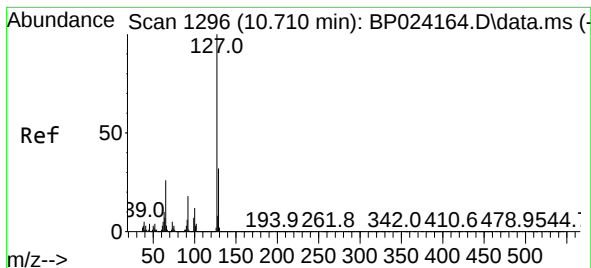
Tgt Ion:128 Resp: 3278998
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 55.991 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:122 Resp: 801484
Ion Ratio Lower Upper
122 100
105 122.6 100.3 140.3
77 89.3 69.1 109.1

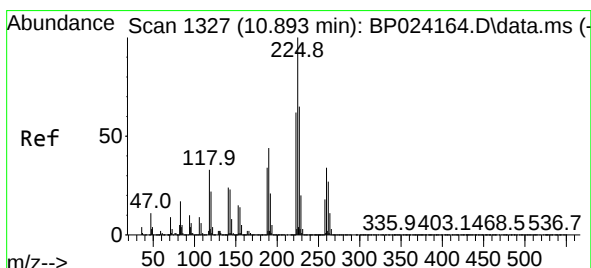
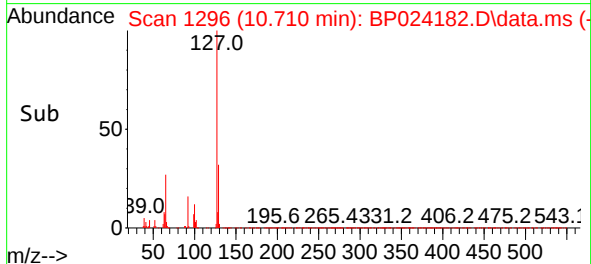
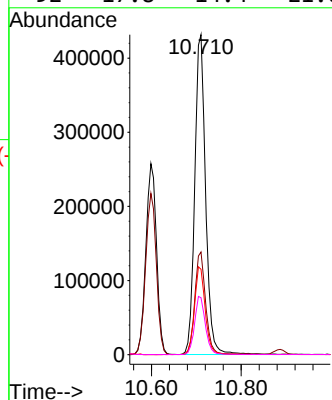
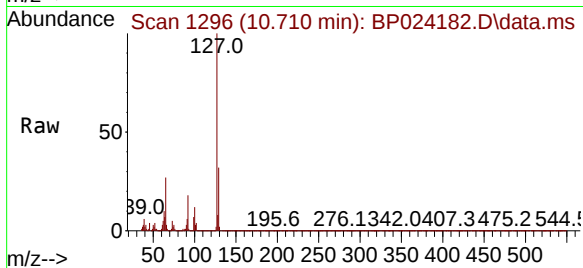




#33
4-Chloroaniline
Concen: 27.966 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

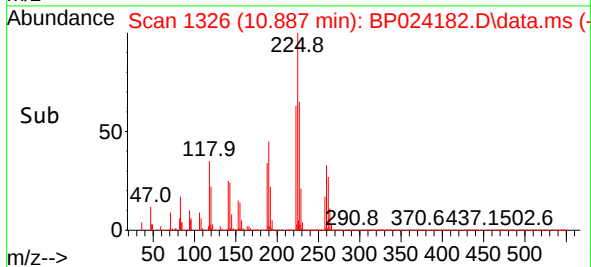
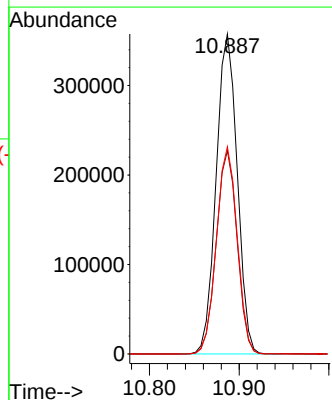
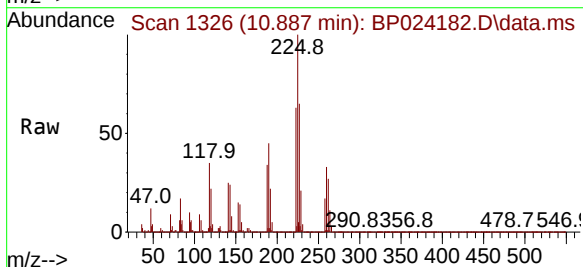
Instrument :
BNA_P
ClientSampleId :
PB167171BS

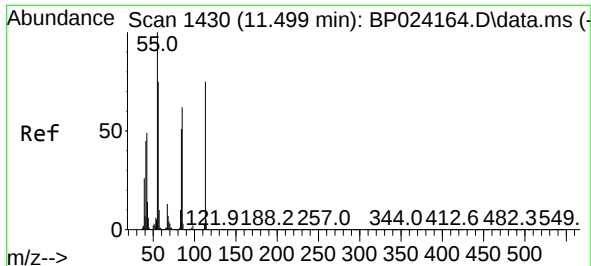
Tgt Ion:	127	Resp:	725075
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	26.7	21.2	31.8
92	17.8	14.4	21.6



#34
Hexachlorobutadiene
Concen: 46.155 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:	225	Resp:	582714
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	64.8	52.2	78.2

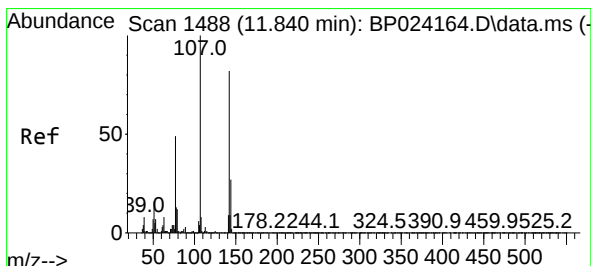
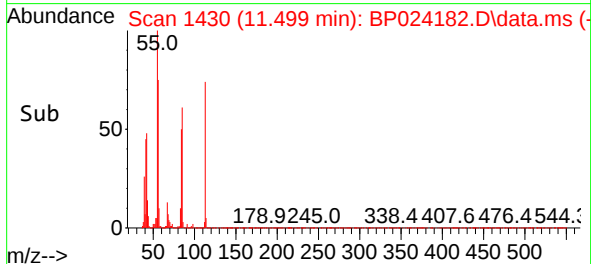
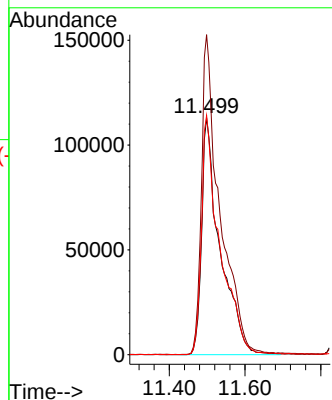
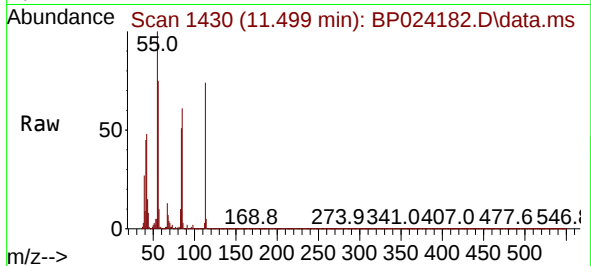




#35
Caprolactam
Concen: 58.443 ng
RT: 11.499 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

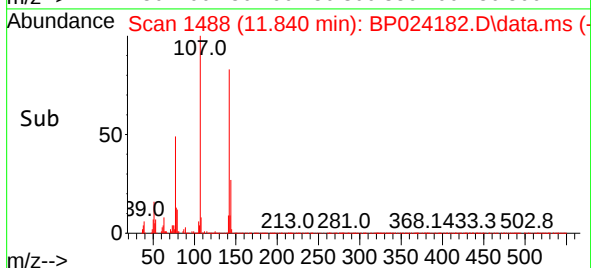
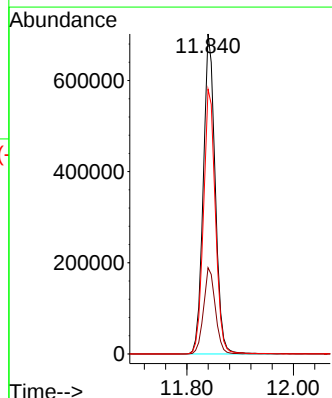
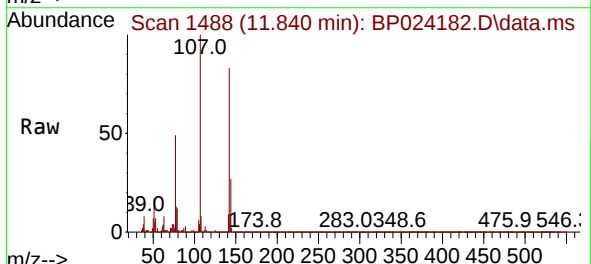
Instrument :
BNA_P
ClientSampleId :
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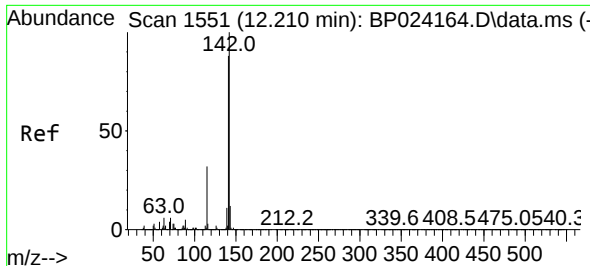
Tgt Ion:113 Resp: 380311
Ion Ratio Lower Upper
113 100
55 135.2 113.6 153.6
56 101.0 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 50.727 ng
RT: 11.840 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:107 Resp: 1086557
Ion Ratio Lower Upper
107 100
144 26.9 21.6 32.4
142 82.7 65.4 98.0

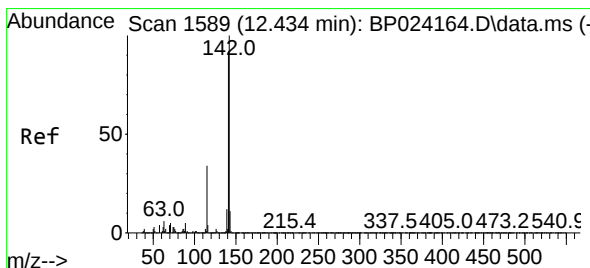
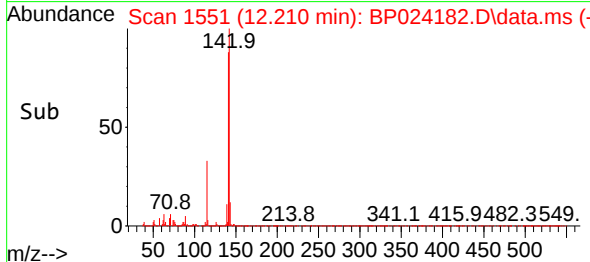
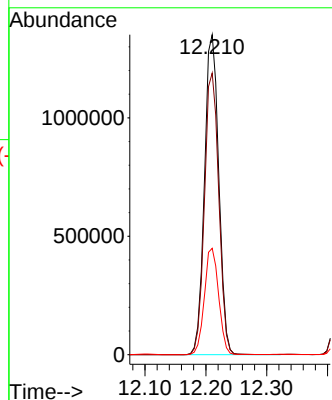
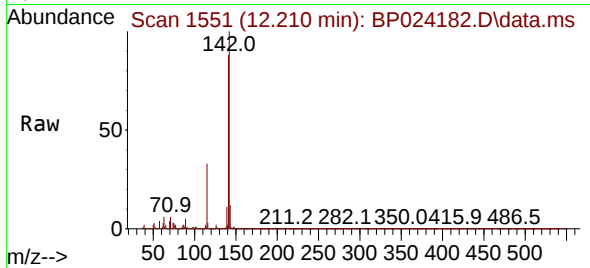




#37
2-Methylnaphthalene
Concen: 44.931 ng
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

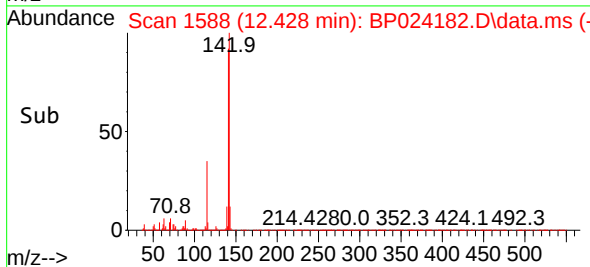
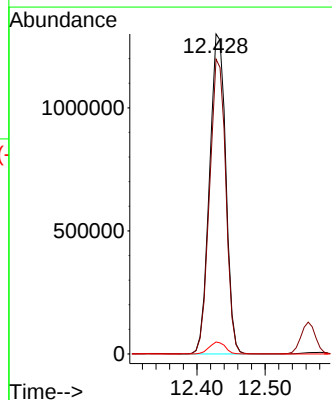
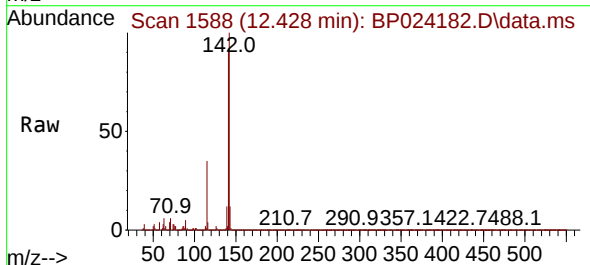
Instrument :
BNA_P
ClientSampleId :
PB167171BS

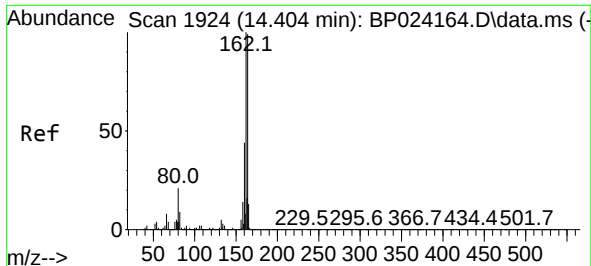
Tgt Ion:142 Resp: 2199107
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5
115 33.2 26.0 39.0



#38
1-Methylnaphthalene
Concen: 45.423 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:142 Resp: 2162348
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9
116 3.8 2.8 4.2

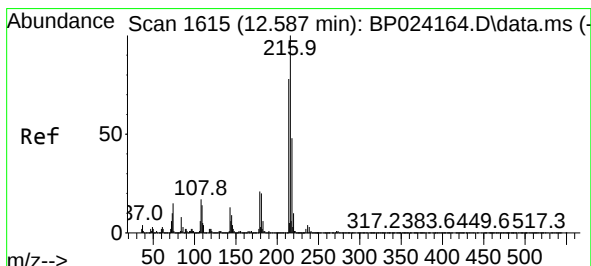
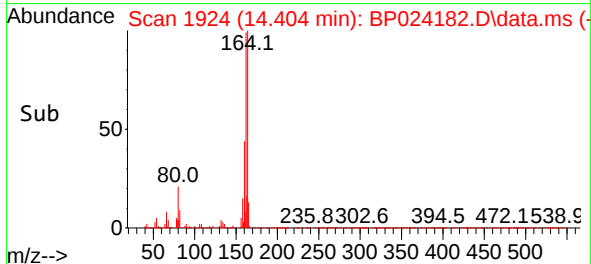
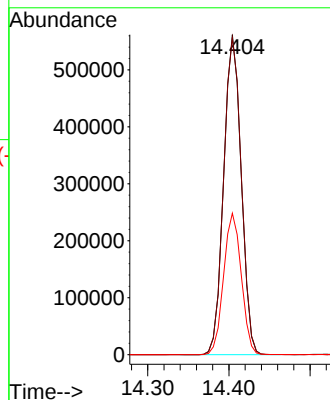
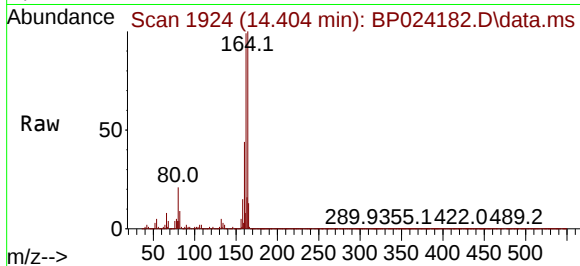




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

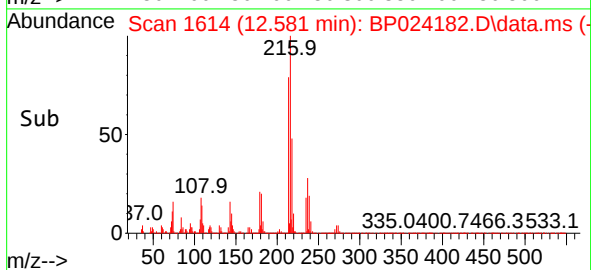
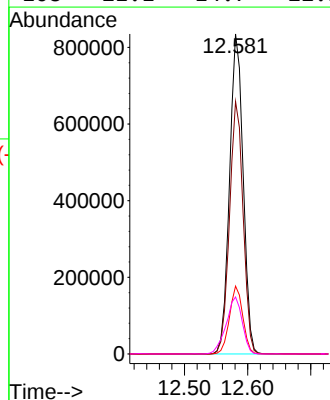
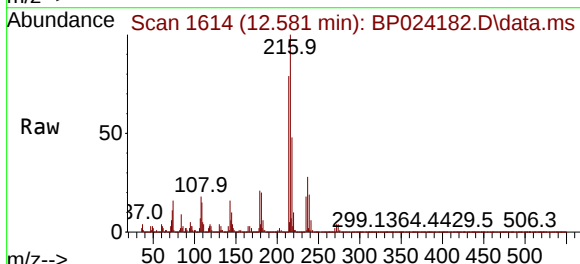
Instrument :
BNA_P
ClientSampleId :
PB167171BS

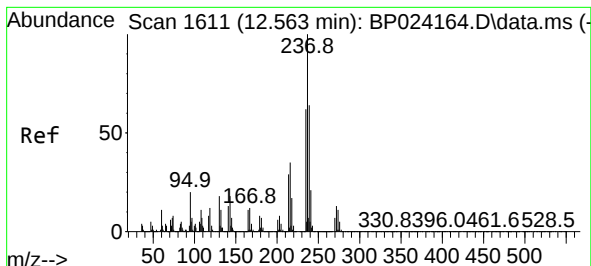
Tgt Ion:164 Resp: 842343
Ion Ratio Lower Upper
164 100
162 99.0 80.6 121.0
160 44.2 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.221 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:216 Resp: 1247209
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 20.8 16.8 25.2
108 21.1 14.7 22.1

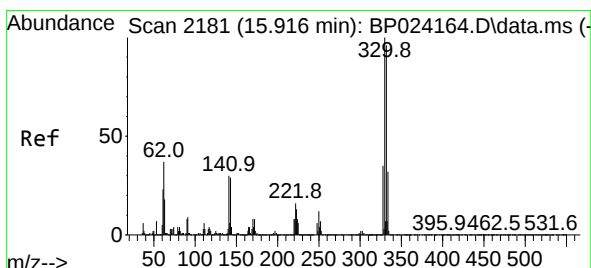
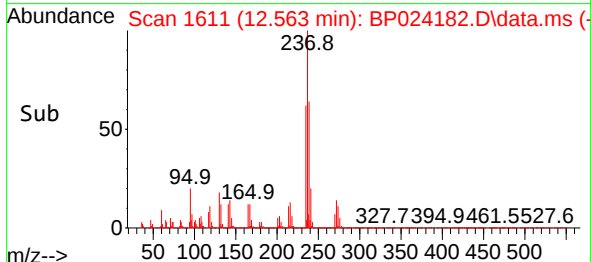
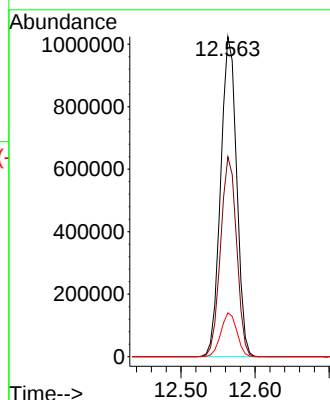
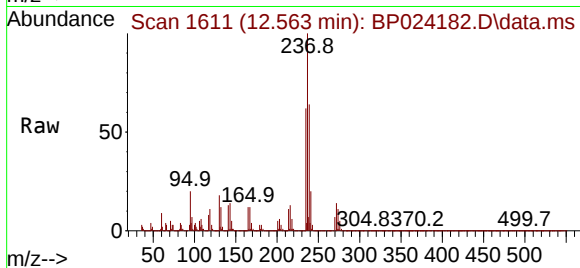




#41
Hexachlorocyclopentadiene
Concen: 174.459 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

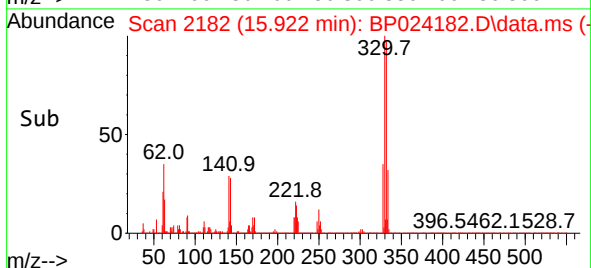
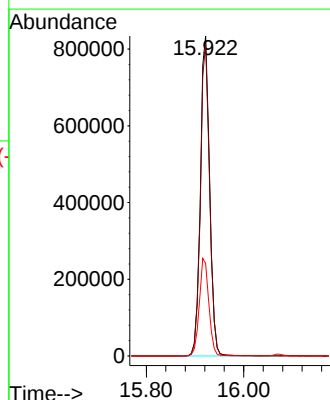
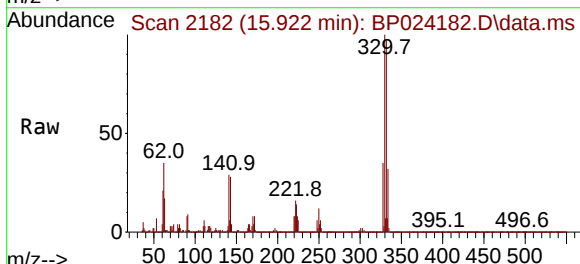
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BNA_P
ClientSampleId :
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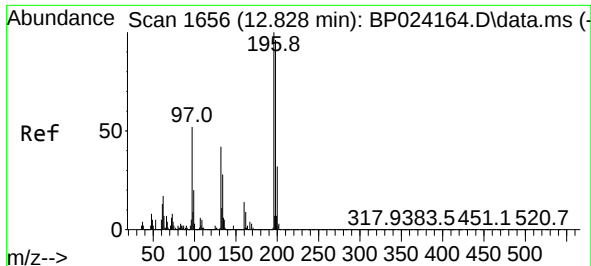
Tgt Ion:237 Resp: 1531261
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 13.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 104.222 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:330 Resp: 1105833
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.4 25.0 37.6

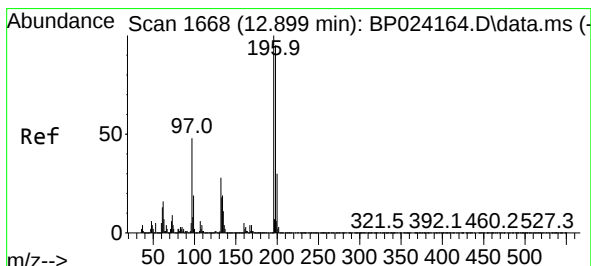
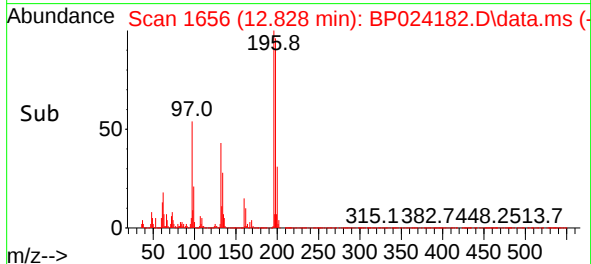
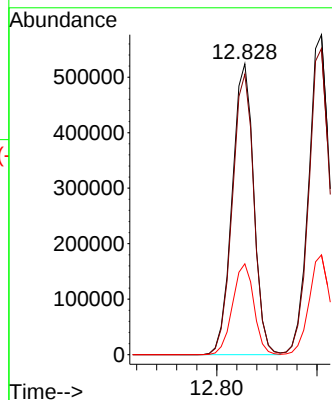
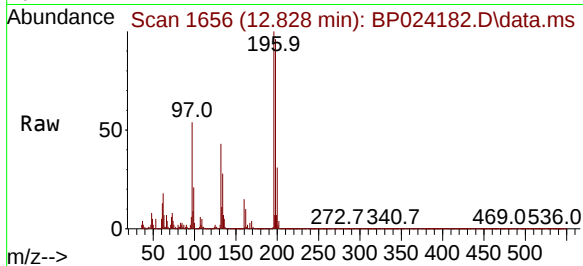




#43
2,4,6-Trichlorophenol
Concen: 50.720 ng
RT: 12.828 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

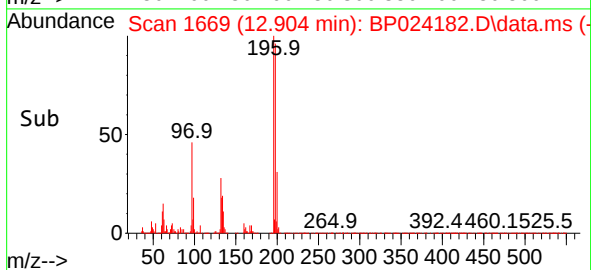
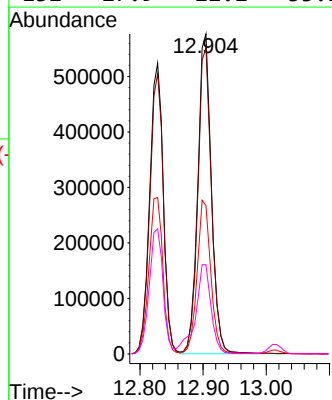
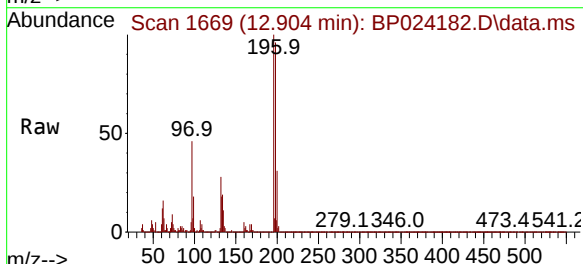
Instrument :
BNA_P
ClientSampleId :
PB167171BS

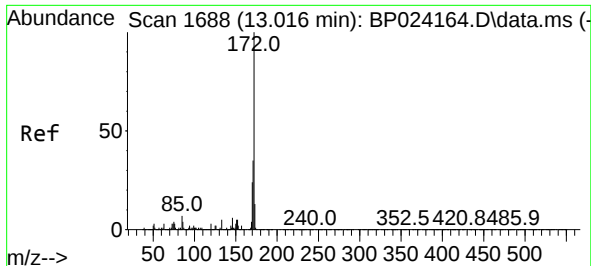
Tgt Ion:196 Resp: 784882
Ion Ratio Lower Upper
196 100
198 96.4 76.6 115.0
200 31.2 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 50.909 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:196 Resp: 863959
Ion Ratio Lower Upper
196 100
198 95.7 76.5 114.7
97 46.4 38.7 58.1
132 27.9 22.2 33.2

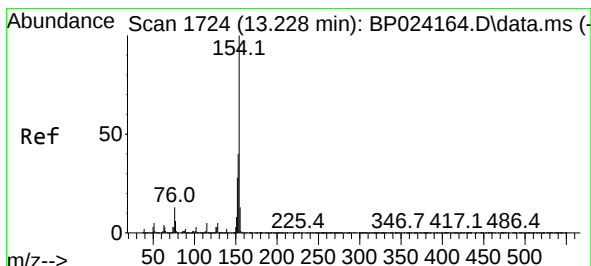
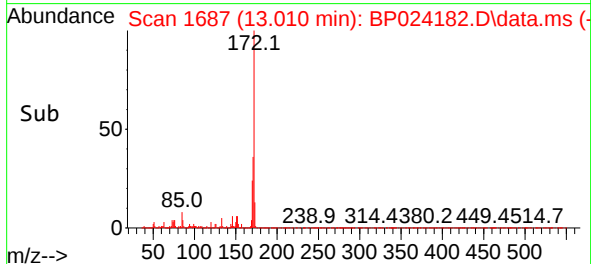
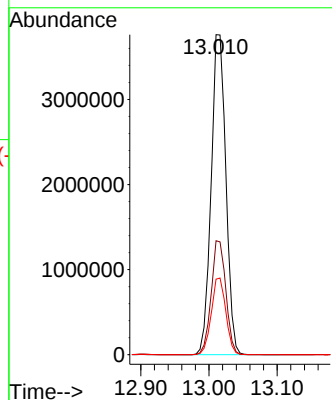
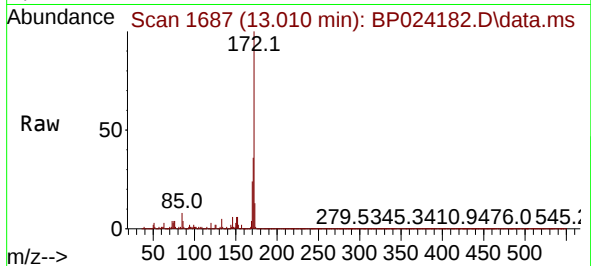




#45
2-Fluorobiphenyl
Concen: 99.033 ng
RT: 13.010 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

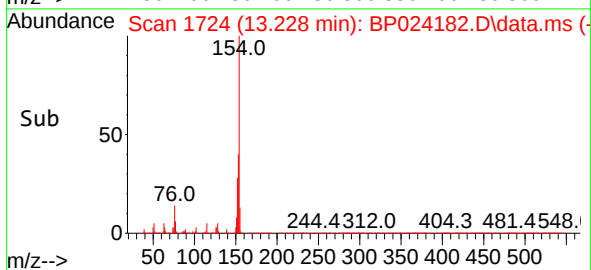
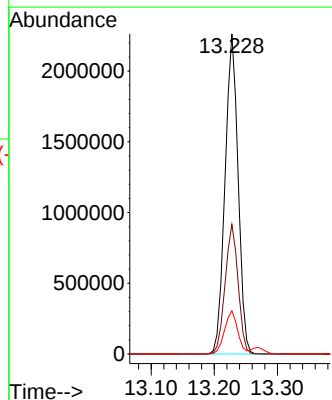
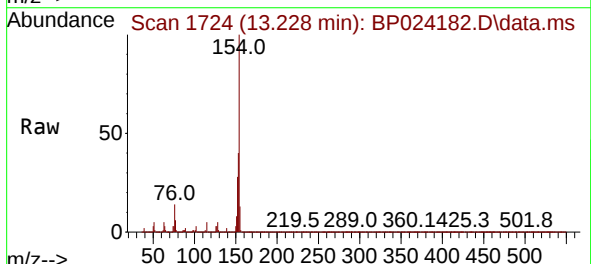
Instrument :
BNA_P
ClientSampleId :
PB167171BS

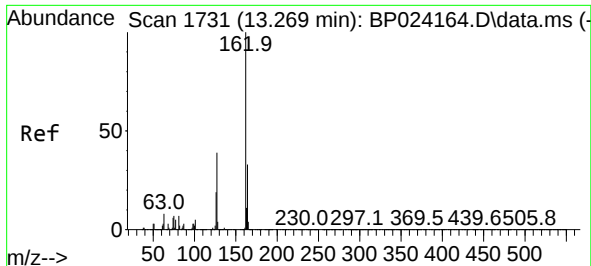
Tgt Ion:172 Resp: 5657411
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.321 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:154 Resp: 3248502
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.5 0.0 32.9

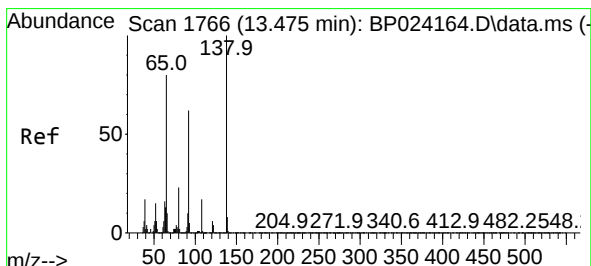
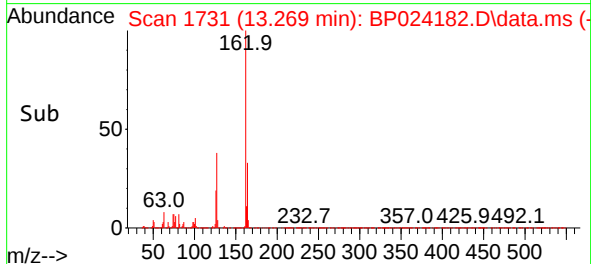
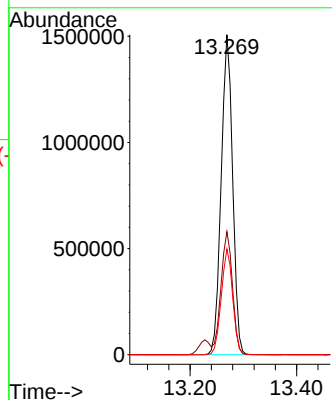
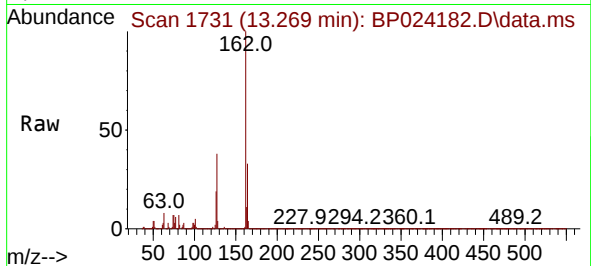




#47
2-Chloronaphthalene
Concen: 47.078 ng
RT: 13.269 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

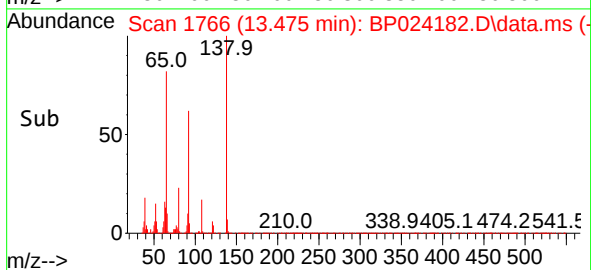
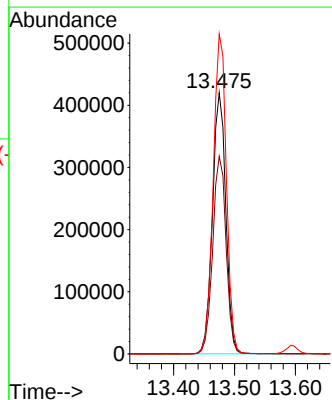
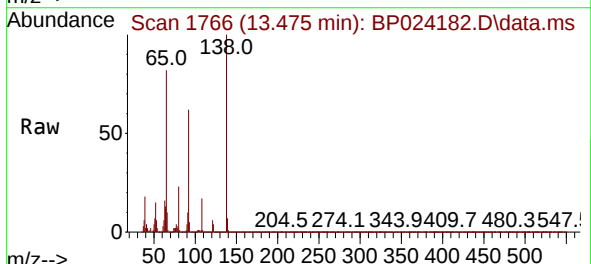
Instrument :
BNA_P
ClientSampleId :
PB167171BS

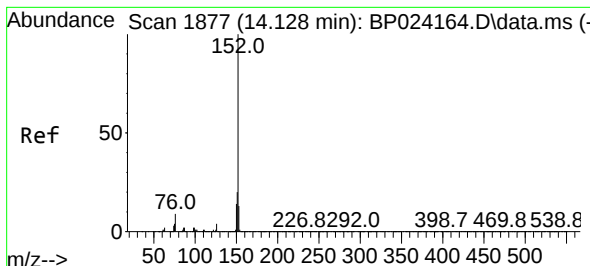
Tgt Ion:162 Resp: 2241425
Ion Ratio Lower Upper
162 100
127 38.5 31.5 47.3
164 33.1 26.6 39.8



#48
2-Nitroaniline
Concen: 52.535 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion: 65 Resp: 639752
Ion Ratio Lower Upper
65 100
92 75.7 62.1 93.1
138 122.6 99.5 149.3





#49

Acenaphthylene

Concen: 51.176 ng

RT: 14.122 min Scan# 1876

Delta R.T. -0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

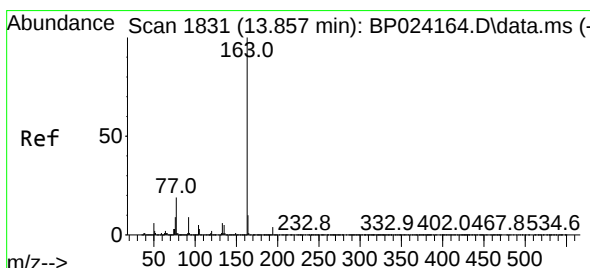
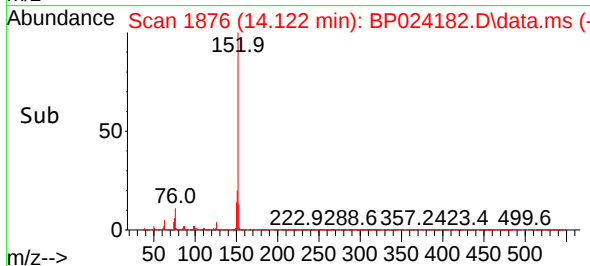
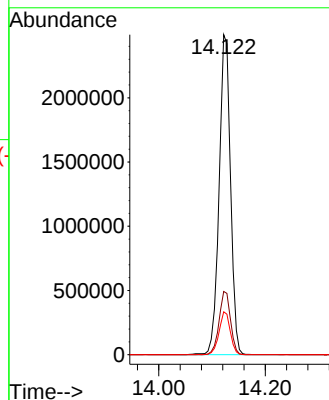
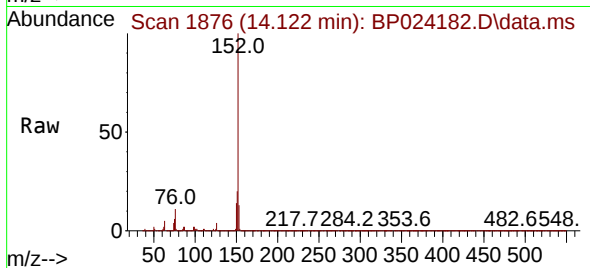
Tgt Ion:152 Resp: 3686747

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 48.480 ng

RT: 13.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

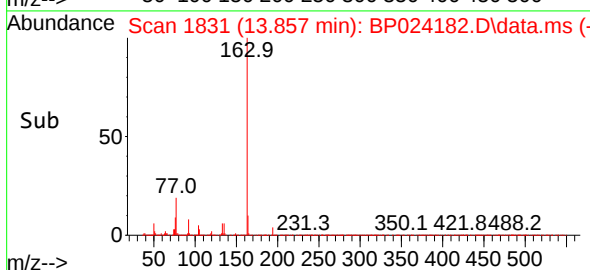
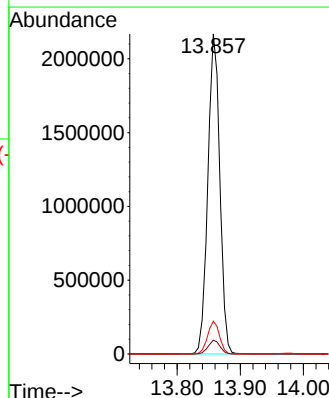
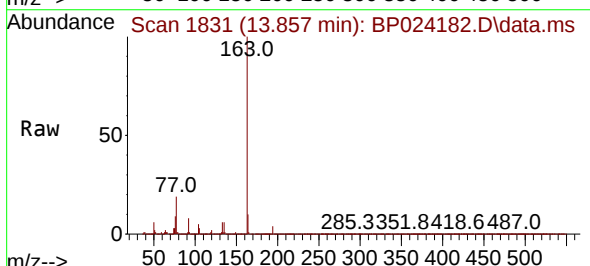
Tgt Ion:163 Resp: 2857415

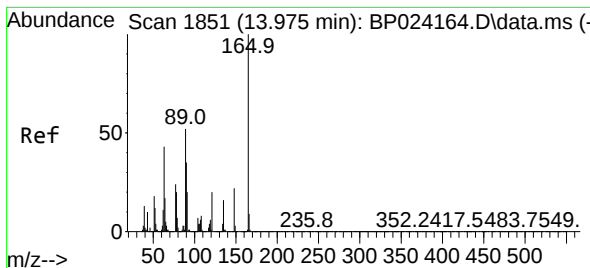
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.3 8.2 12.4

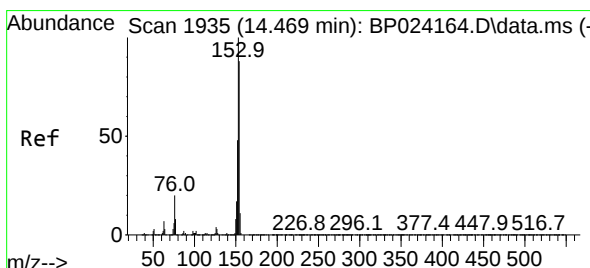
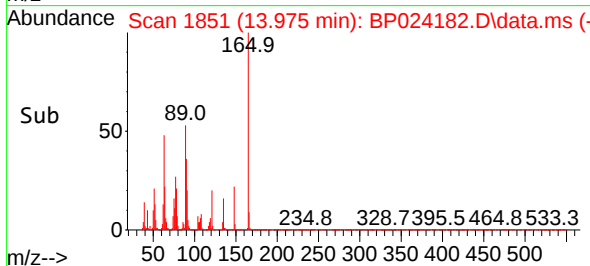
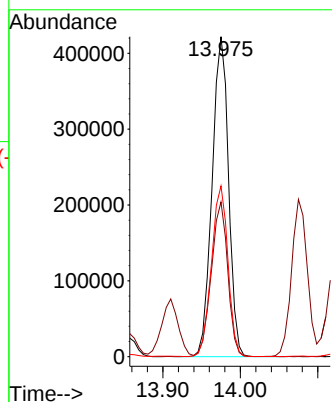
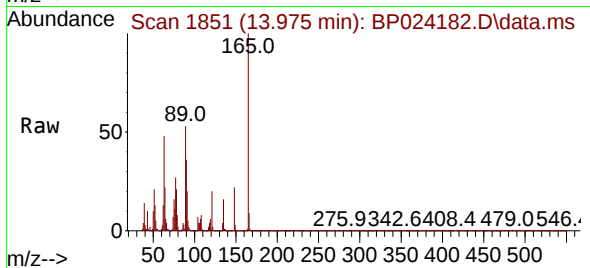




#51
2,6-Dinitrotoluene
Concen: 50.060 ng
RT: 13.975 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

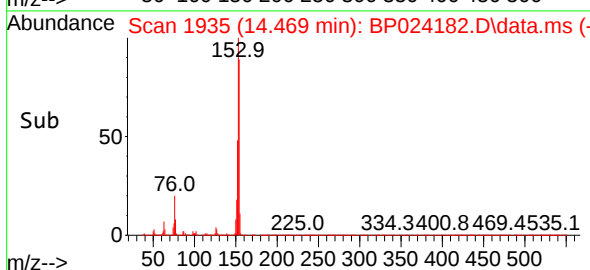
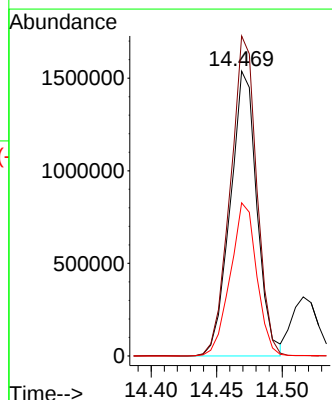
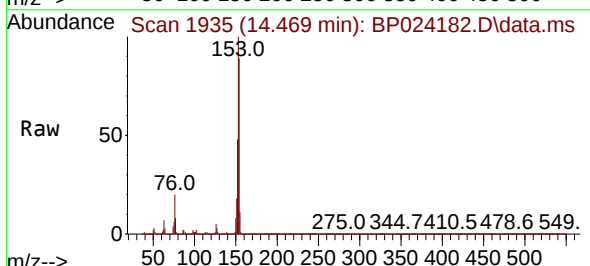
Instrument :
BNA_P
ClientSampleId :
PB167171BS

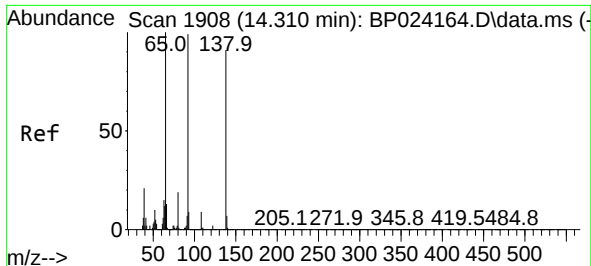
Tgt Ion:165 Resp: 620806
Ion Ratio Lower Upper
165 100
63 48.4 37.7 56.5
89 53.3 41.9 62.9



#52
Acenaphthene
Concen: 47.258 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:154 Resp: 2175211
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 53.8 43.1 64.7

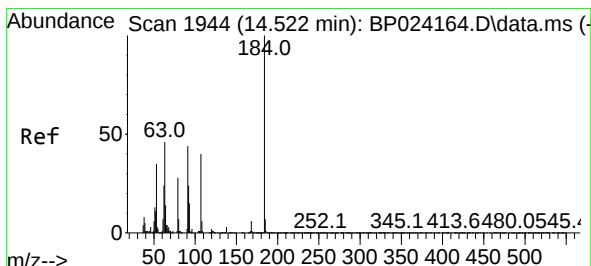
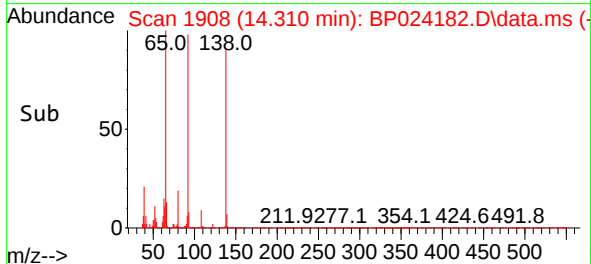
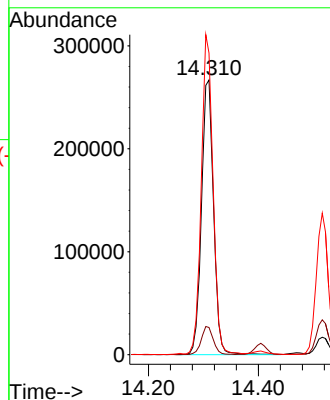
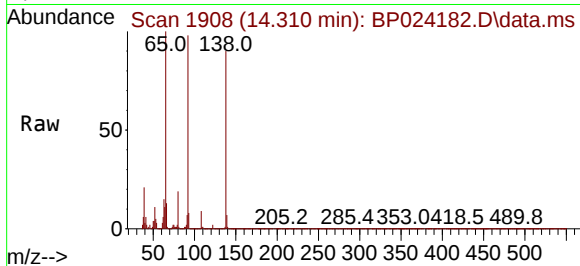




#53
3-Nitroaniline
Concen: 30.415 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

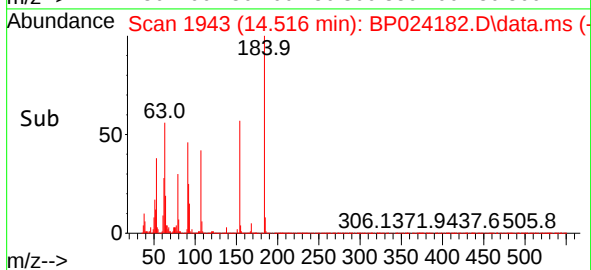
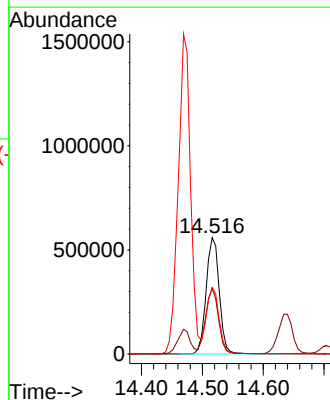
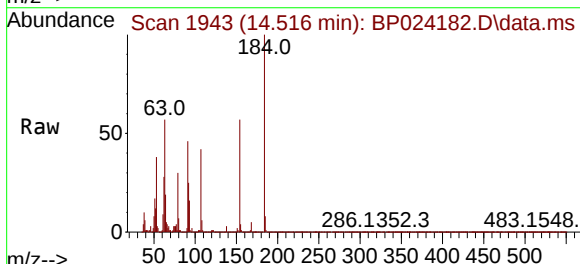
Instrument :
BNA_P
ClientSampleId :
PB167171BS

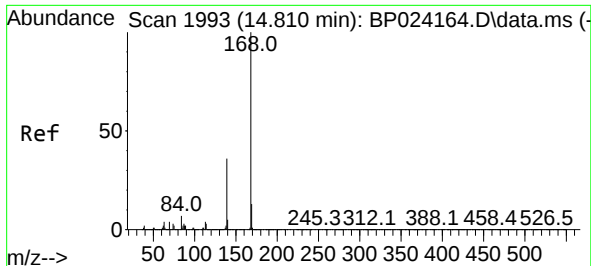
Tgt Ion:138 Resp: 407380
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 109.8 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 127.811 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:184 Resp: 838682
Ion Ratio Lower Upper
184 100
63 56.5 42.1 63.1
154 57.1 44.6 67.0

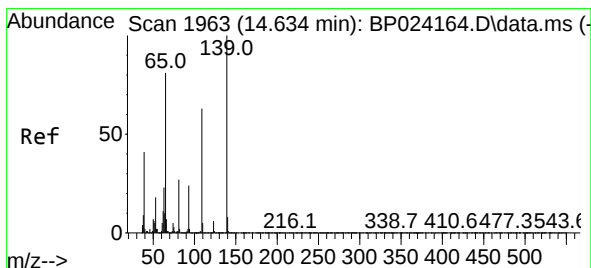
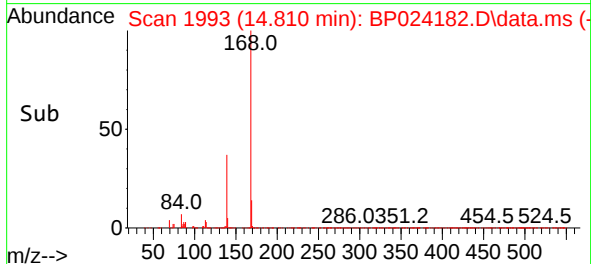
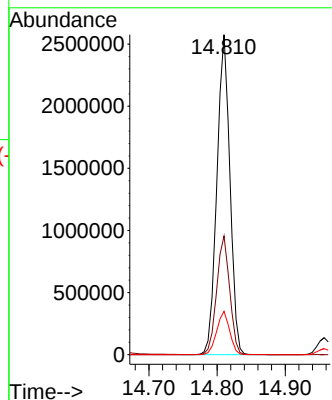
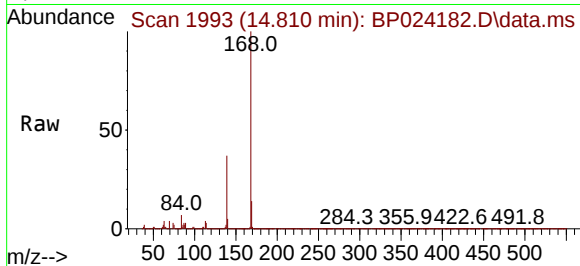




#55
Dibenzofuran
Concen: 45.871 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

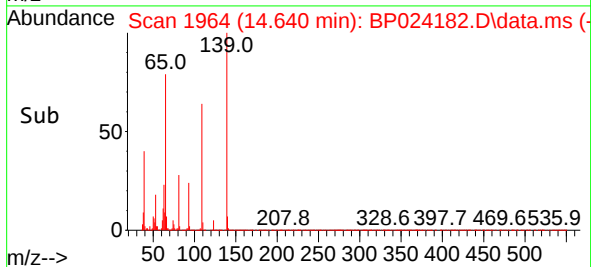
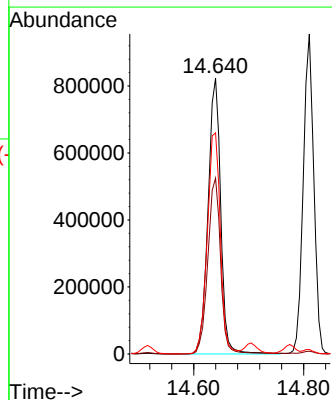
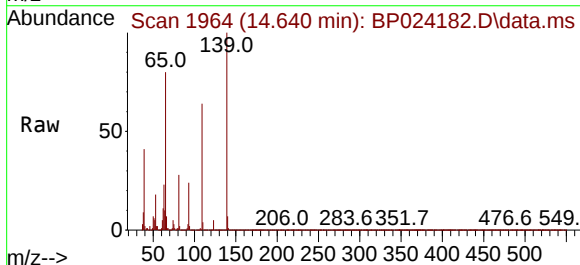
Instrument :
BNA_P
ClientSampleId :
PB167171BS

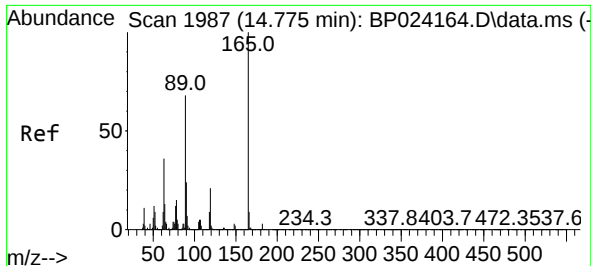
Tgt Ion:168 Resp: 3420060
Ion Ratio Lower Upper
168 100
139 37.1 29.1 43.7
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 117.066 ng
RT: 14.640 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:139 Resp: 1310189
Ion Ratio Lower Upper
139 100
109 63.8 43.3 83.3
65 80.2 61.2 101.2

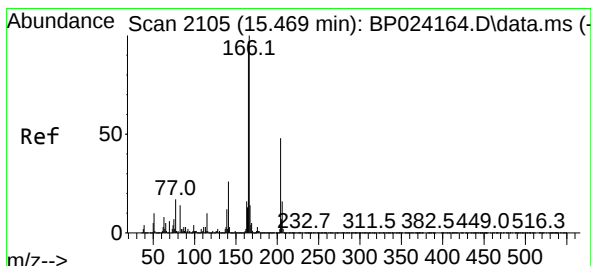
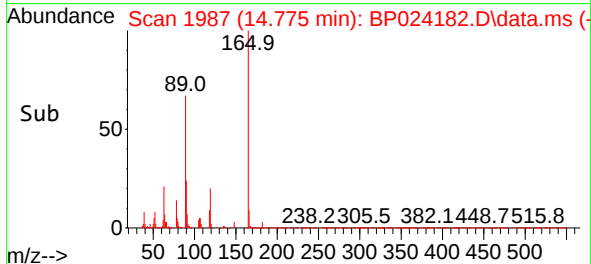
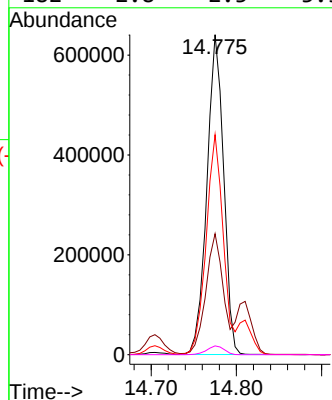
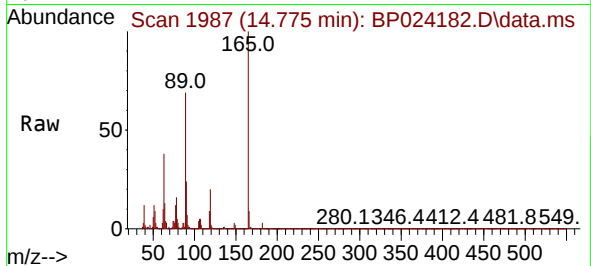




#57
2,4-Dinitrotoluene
Concen: 53.334 ng
RT: 14.775 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

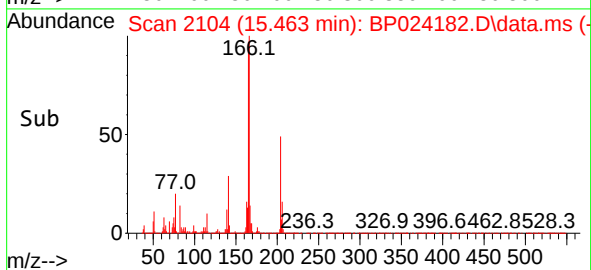
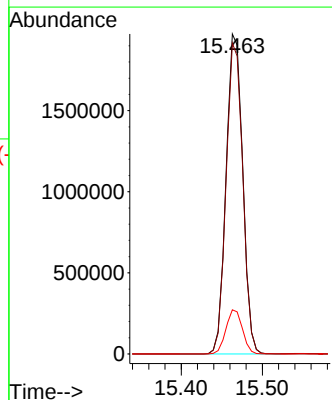
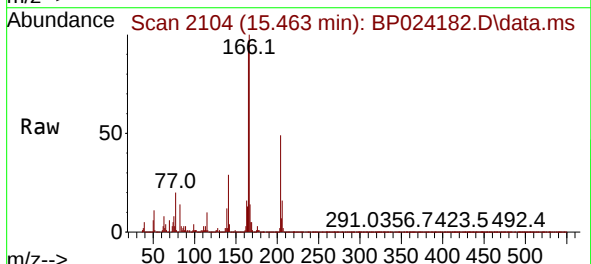
Instrument :
BNA_P
ClientSampleId :
PB167171BS

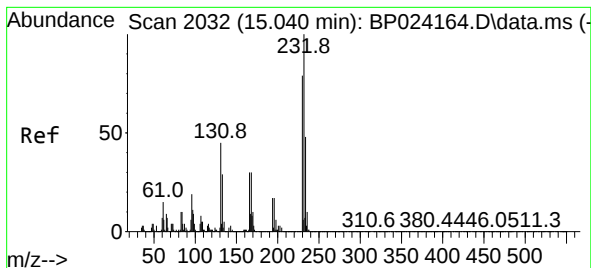
Tgt Ion:165 Resp: 873666
Ion Ratio Lower Upper
165 100
63 37.8 29.0 43.6
89 68.7 54.2 81.4
182 2.8 2.3 3.5



#58
Fluorene
Concen: 48.446 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:166 Resp: 2814312
Ion Ratio Lower Upper
166 100
165 97.1 77.6 116.4
167 13.8 10.8 16.2



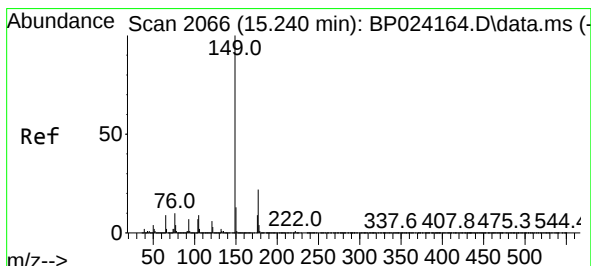
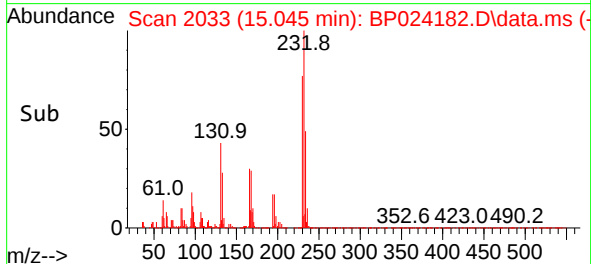
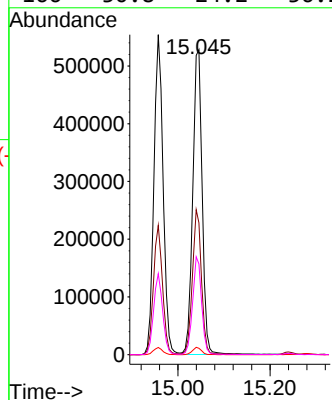
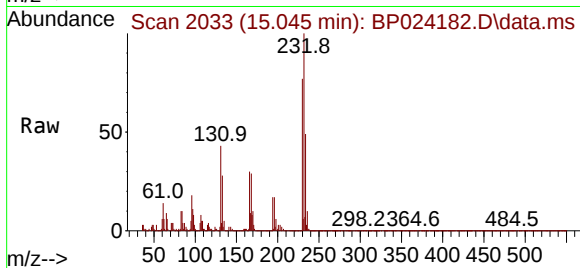


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.834 ng
RT: 15.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Instrument :
BNA_P
ClientSampleId :
PB167171BS

Tgt Ion:232 Resp: 747197

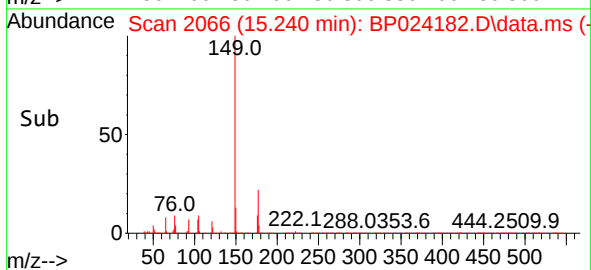
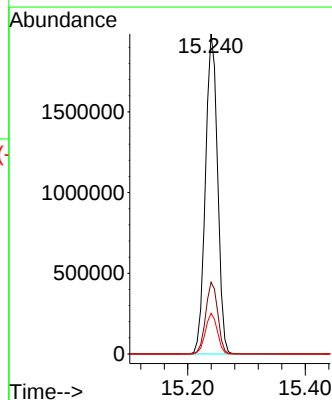
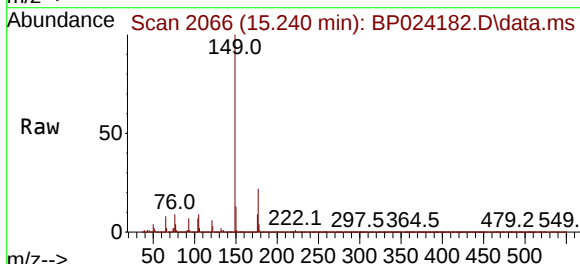
Ion	Ratio	Lower	Upper
232	100		
131	45.7	35.9	53.9
130	2.3	1.8	2.6
166	30.8	24.2	36.2

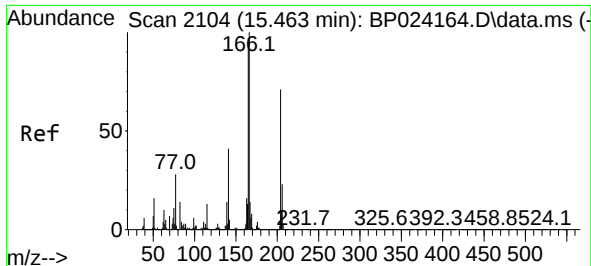


#60
Diethylphthalate
Concen: 48.352 ng
RT: 15.240 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:149 Resp: 2837973

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.7	10.2	15.4

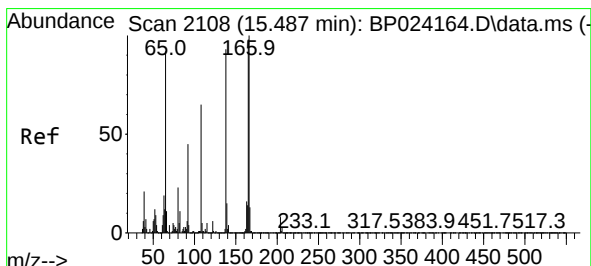
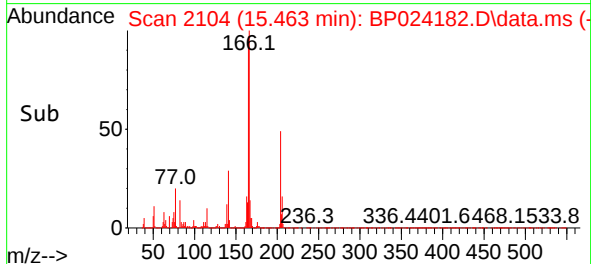
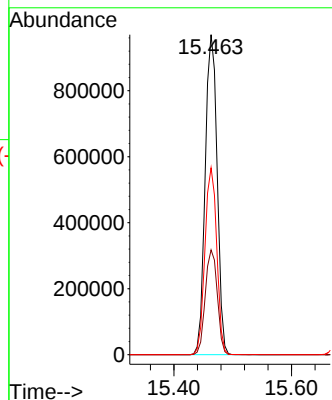
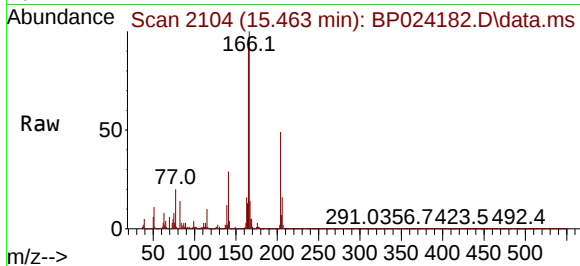




#61
4-Chlorophenyl-phenylether
Concen: 47.963 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

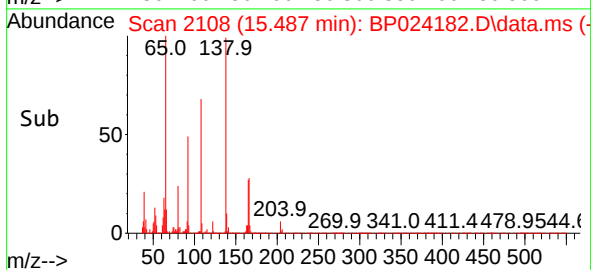
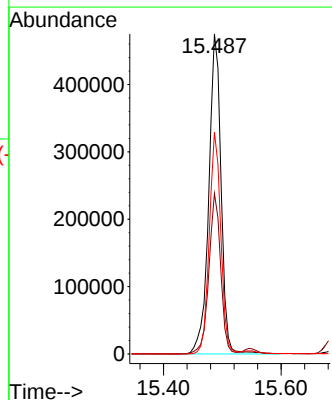
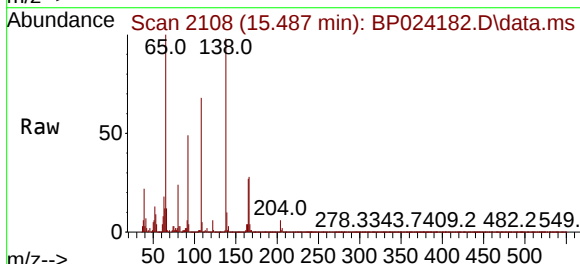
Instrument :
BNA_P
ClientSampleId :
PB167171BS

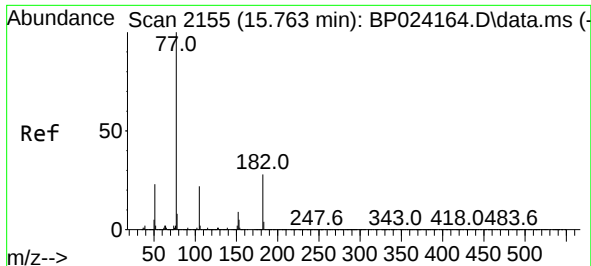
Tgt Ion:204 Resp: 1366572
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 58.4 45.8 68.8



#62
4-Nitroaniline
Concen: 49.068 ng
RT: 15.487 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:138 Resp: 689313
Ion Ratio Lower Upper
138 100
92 50.1 28.7 68.7
108 69.3 49.5 89.5



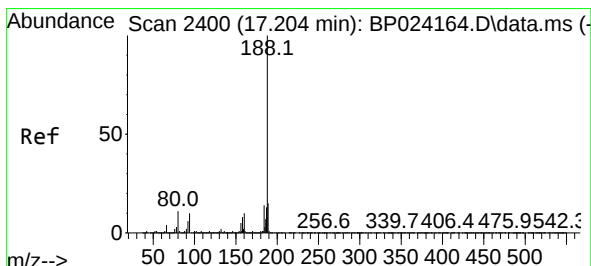
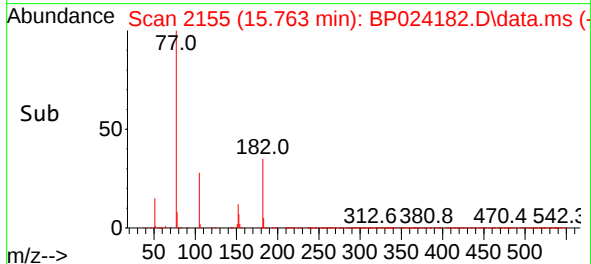
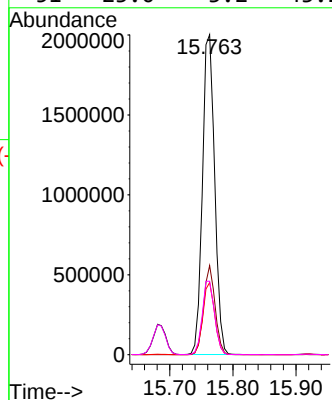
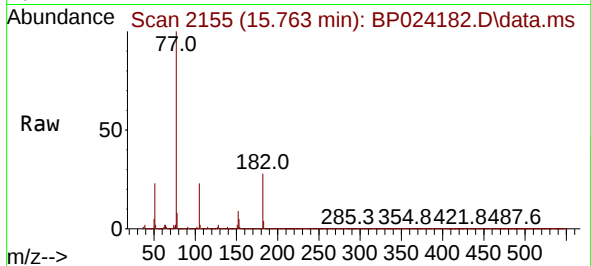


#63
 Azobenzene
 Concen: 48.633 ng
 RT: 15.763 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BS

Tgt Ion: 77 Resp: 2690454

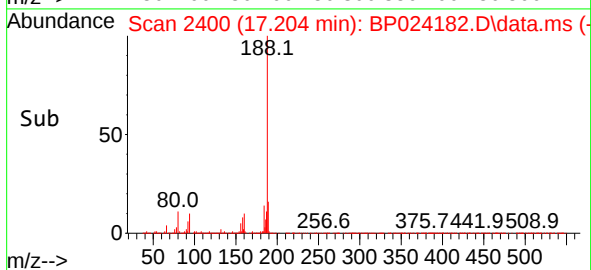
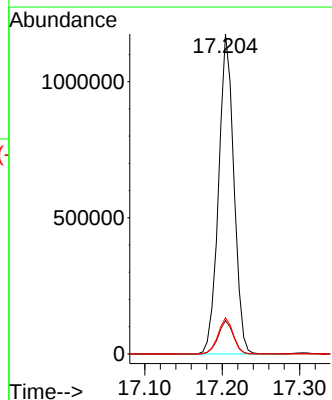
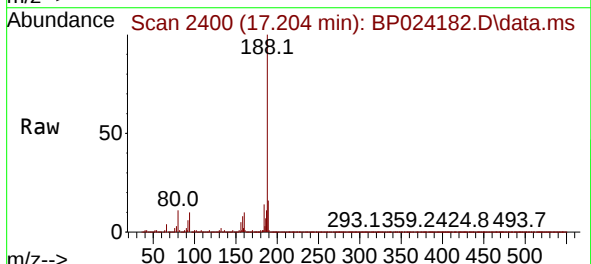
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.7	47.7
105	22.5	2.3	42.3
51	23.0	3.2	43.2

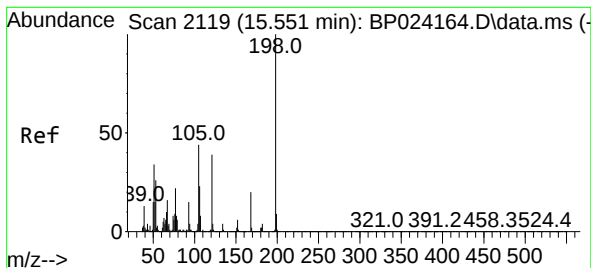


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.204 min Scan# 2400
 Delta R.T. -0.000 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

Tgt Ion: 188 Resp: 1608205

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.3	8.9	13.3

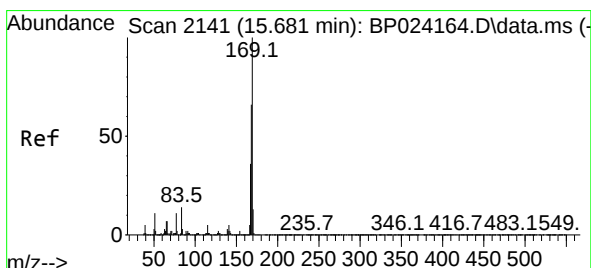
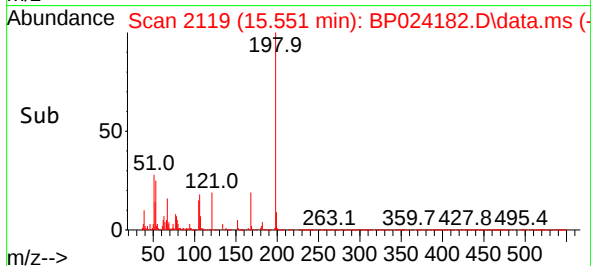
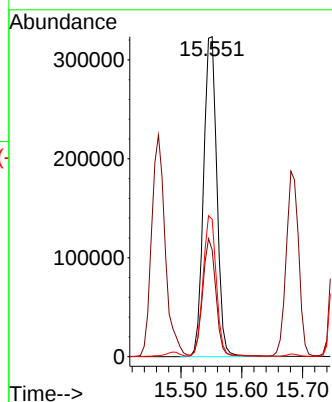
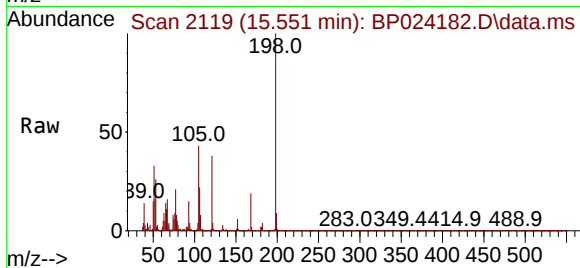




#65
4,6-Dinitro-2-methylphenol
Concen: 51.554 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

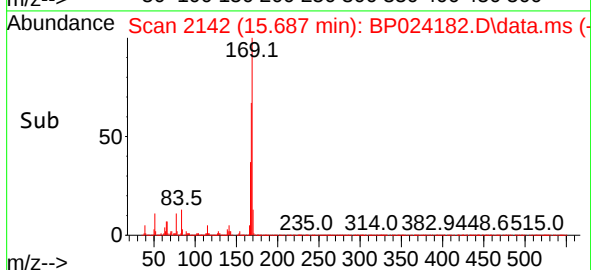
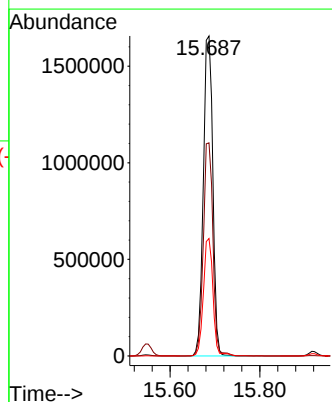
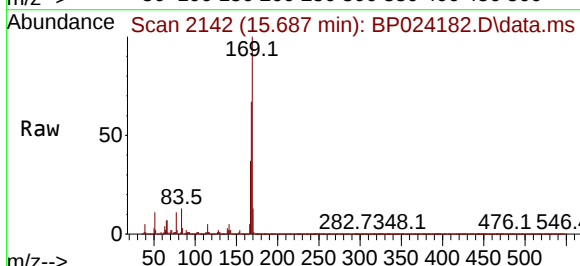
Instrument :
BNA_P
ClientSampleId :
PB167171BS

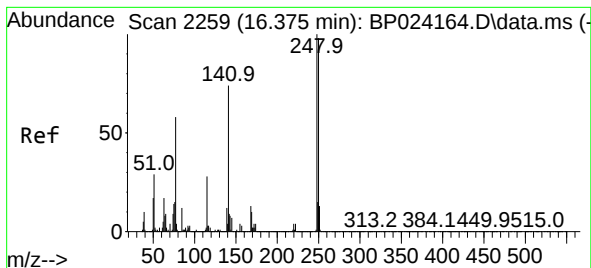
Tgt Ion:198 Resp: 492199
Ion Ratio Lower Upper
198 100
51 33.3 14.7 54.7
105 43.0 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 49.668 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:169 Resp: 2425582
Ion Ratio Lower Upper
169 100
168 66.6 52.9 79.3
167 36.7 28.8 43.2

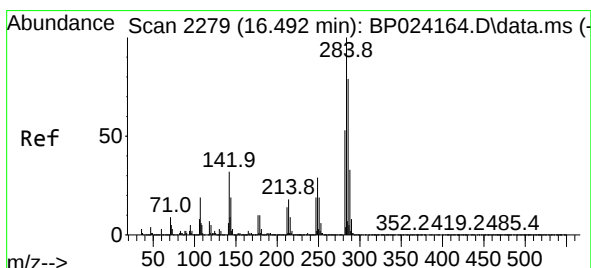
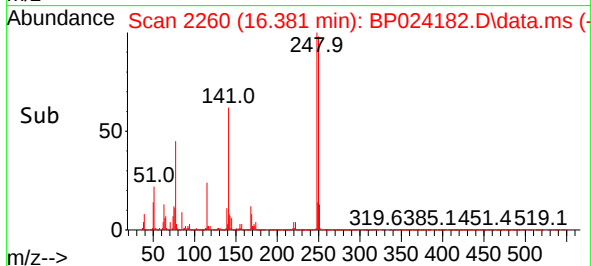
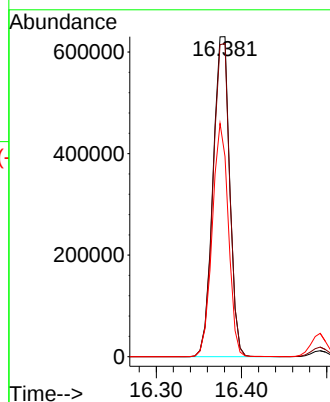
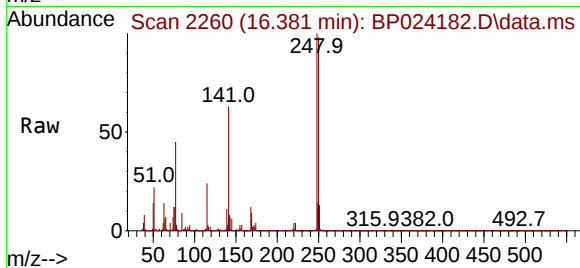




#67
4-Bromophenyl-phenylether
Concen: 48.643 ng
RT: 16.381 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

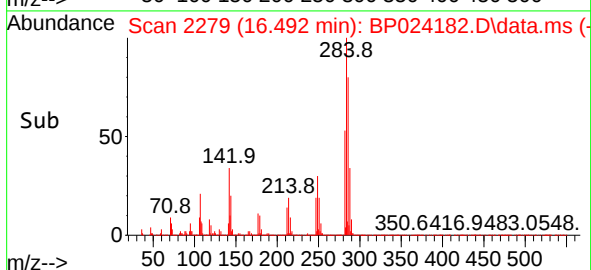
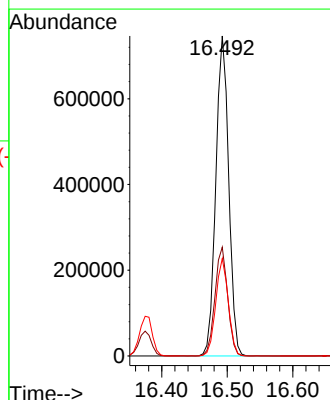
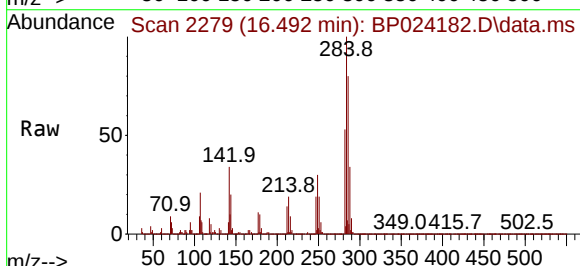
Instrument :
BNA_P
ClientSampleId :
PB167171BS

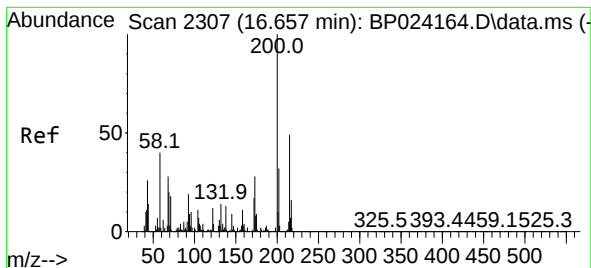
Tgt Ion:248 Resp: 858874
Ion Ratio Lower Upper
248 100
250 97.8 78.4 117.6
141 62.5 59.4 89.0



#68
Hexachlorobenzene
Concen: 48.543 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:284 Resp: 1014465
Ion Ratio Lower Upper
284 100
142 34.0 25.4 38.2
249 30.5 23.5 35.3





#69

Atrazine

Concen: 79.382 ng

RT: 16.663 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

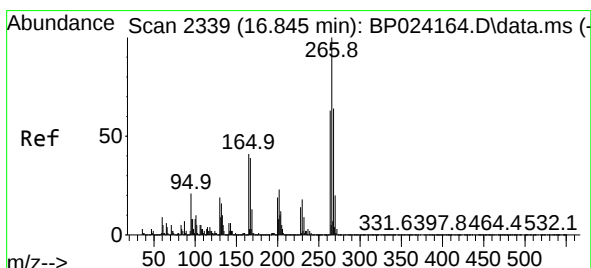
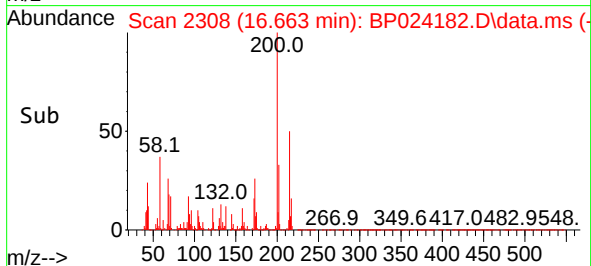
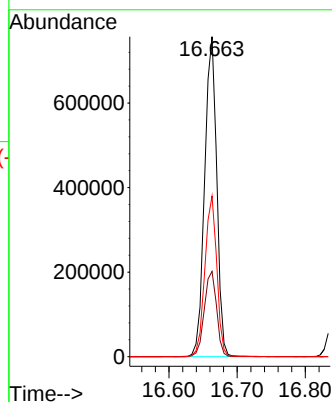
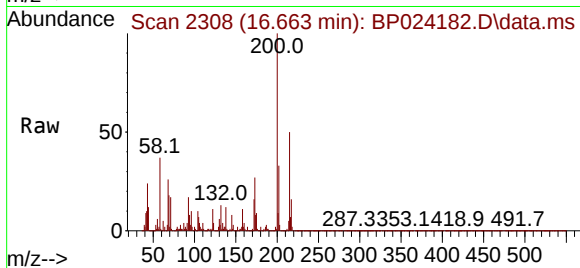
Tgt Ion:200 Resp: 935704

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

215 50.2 29.0 69.0



#70

Pentachlorophenol

Concen: 108.331 ng

RT: 16.851 min Scan# 2340

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

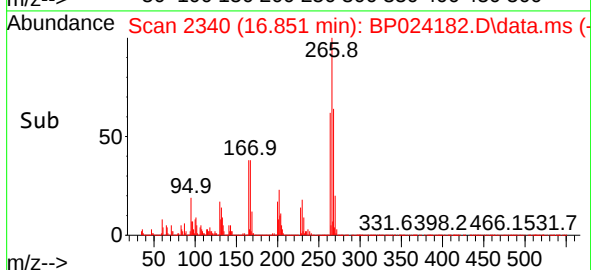
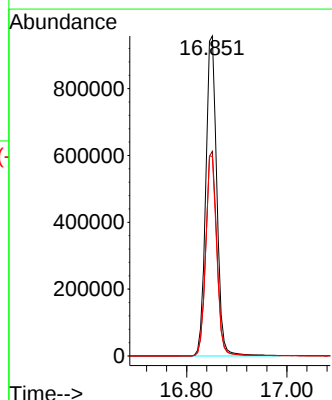
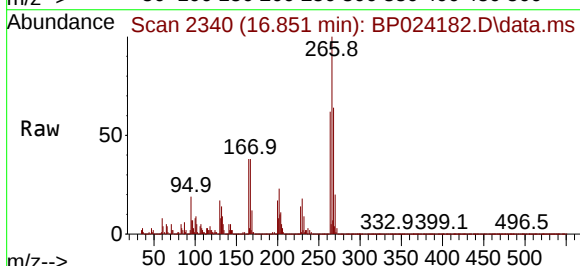
Tgt Ion:266 Resp: 1464057

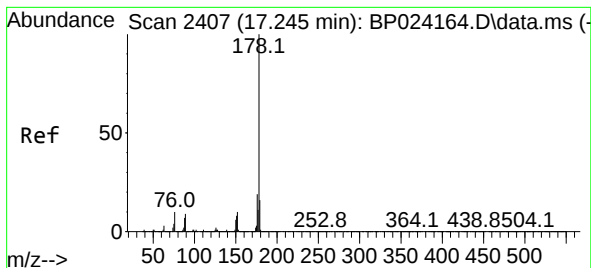
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 48.042 ng

RT: 17.251 min Scan# 2407

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

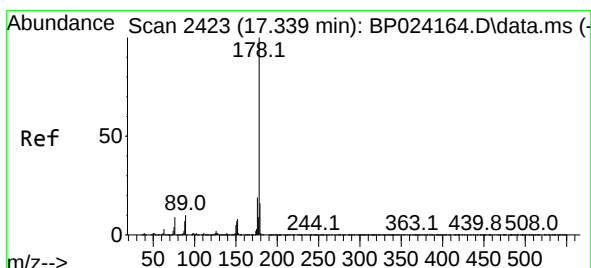
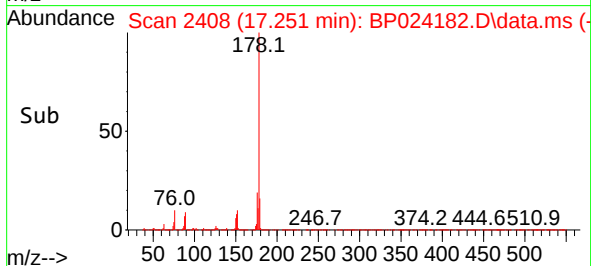
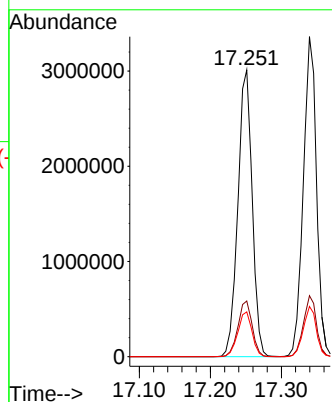
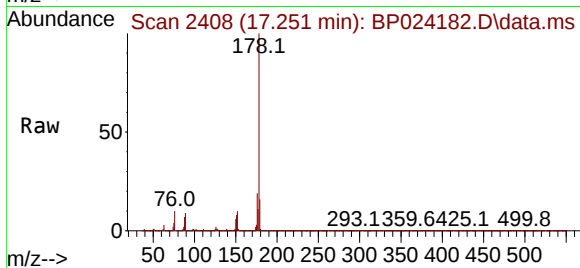
Tgt Ion:178 Resp: 4220737

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 50.726 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

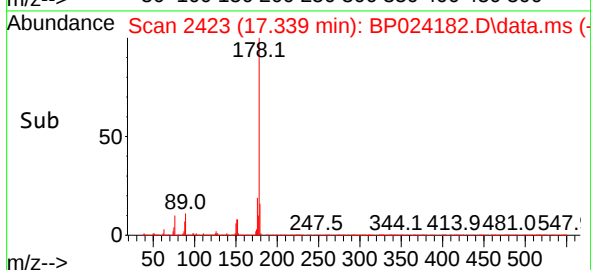
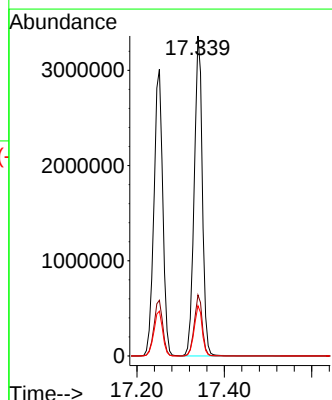
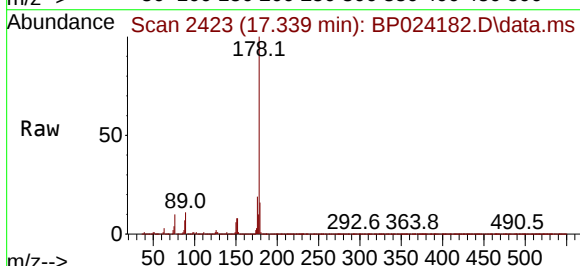
Tgt Ion:178 Resp: 4340500

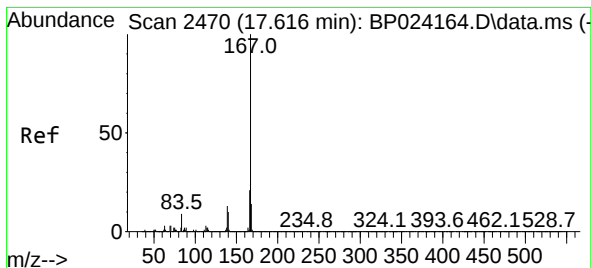
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.7 12.6 18.8





#73

Carbazole

Concen: 49.822 ng

RT: 17.622 min Scan# 2470

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

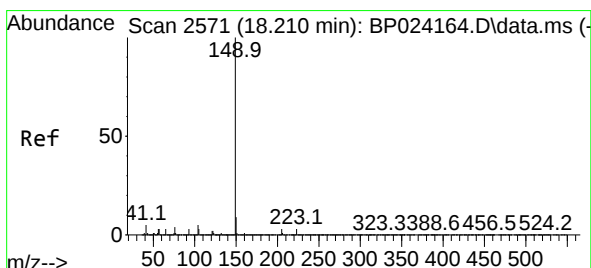
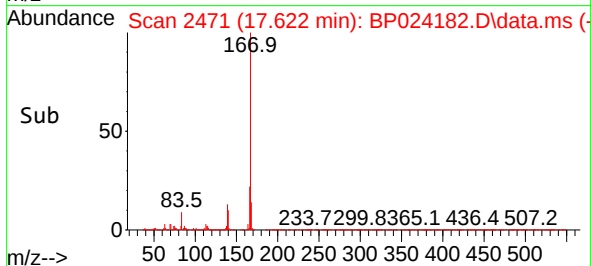
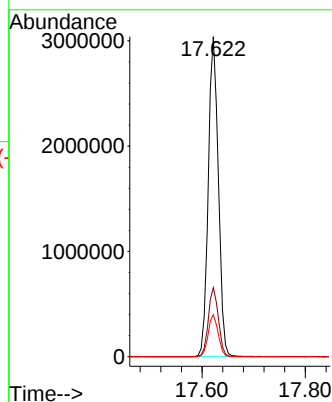
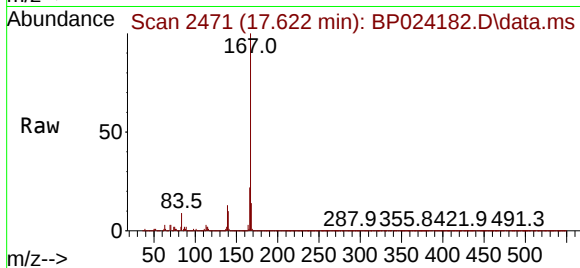
Tgt Ion:167 Resp: 4111261

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 13.1 10.2 15.4



#74

Di-n-butylphthalate

Concen: 49.070 ng

RT: 18.216 min Scan# 2572

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

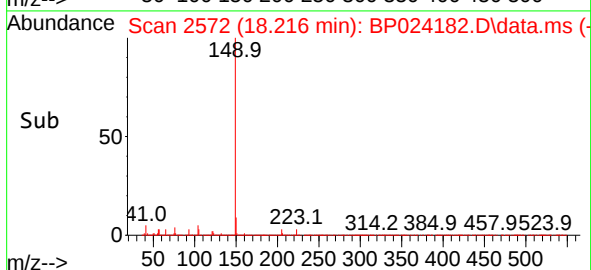
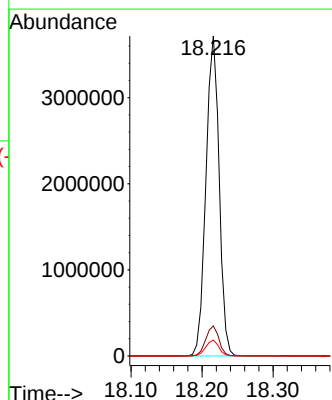
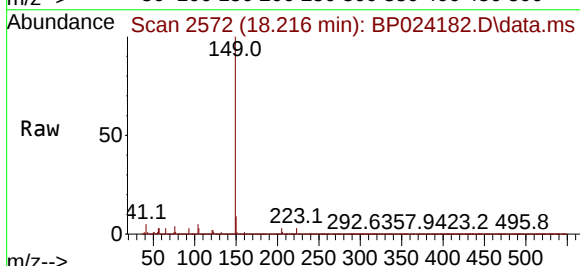
Tgt Ion:149 Resp: 4806920

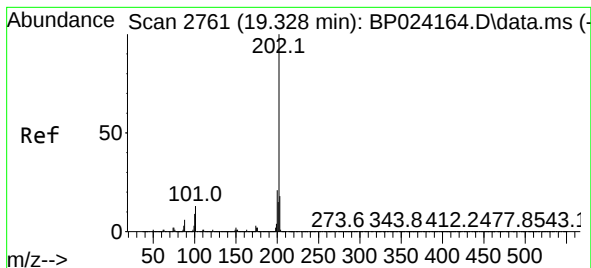
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 48.203 ng

RT: 19.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

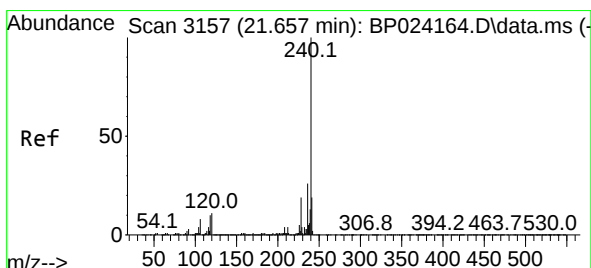
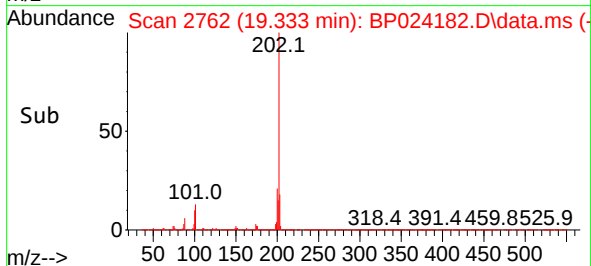
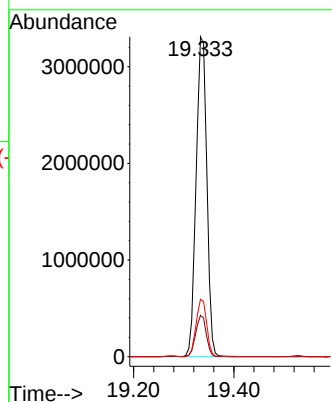
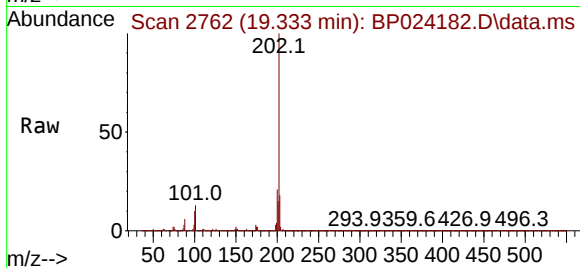
Tgt Ion:202 Resp: 4904746

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: 21.657 min Scan# 3157

Delta R.T. -0.000 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

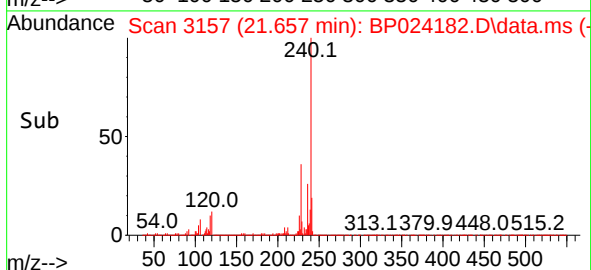
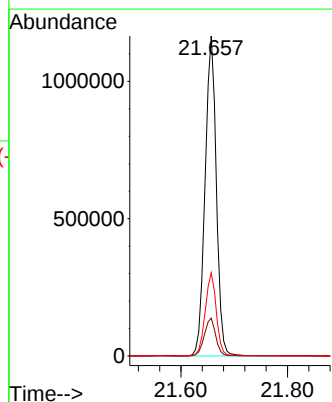
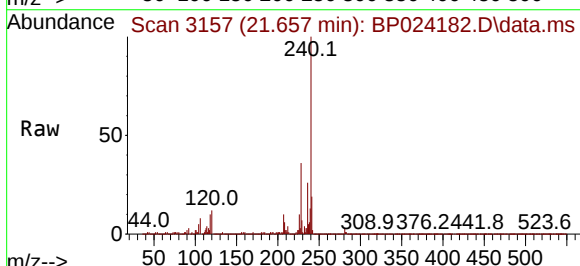
Tgt Ion:240 Resp: 1705744

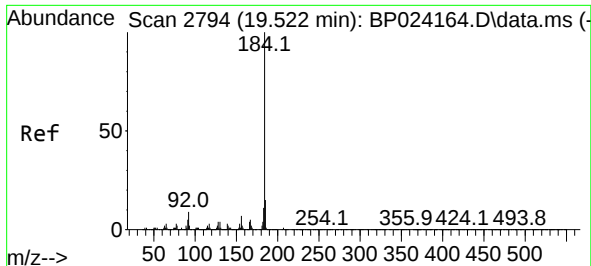
Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 26.0 20.4 30.6

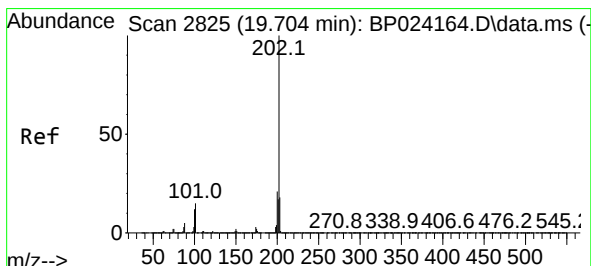
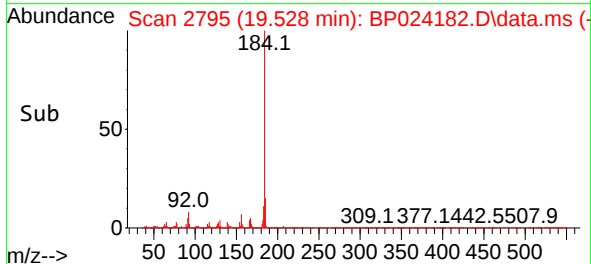
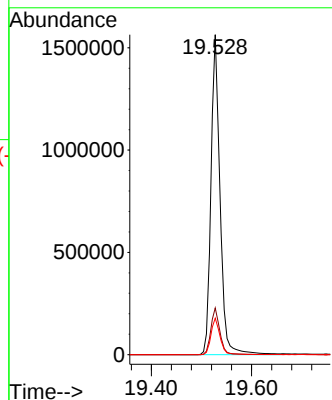
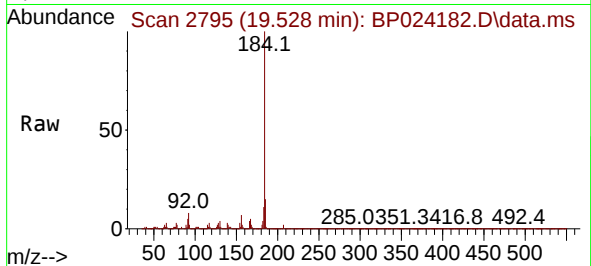




#77
Benzidine
Concen: 105.421 ng
RT: 19.528 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

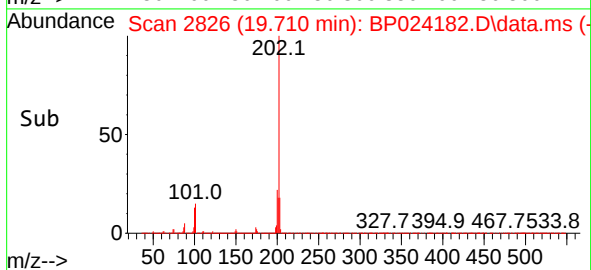
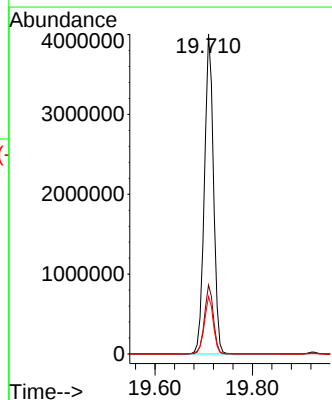
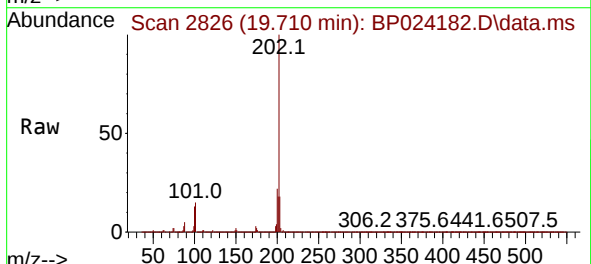
Instrument :
BNA_P
ClientSampleId :
PB167171BS

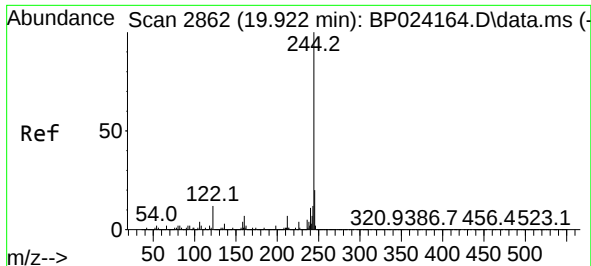
Tgt Ion:184 Resp: 1966066
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.4 9.1 13.7



#78
Pyrene
Concen: 48.914 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:202 Resp: 5187079
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.9 14.2 21.4

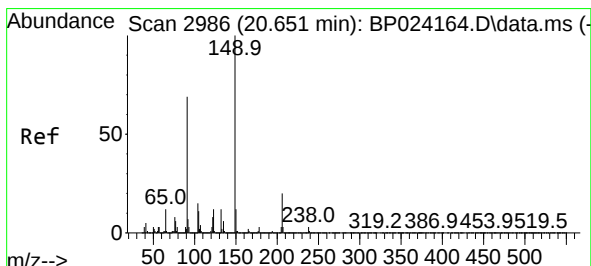
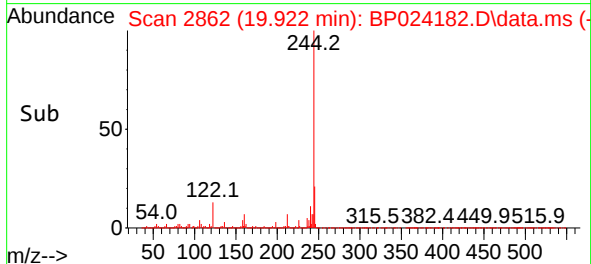
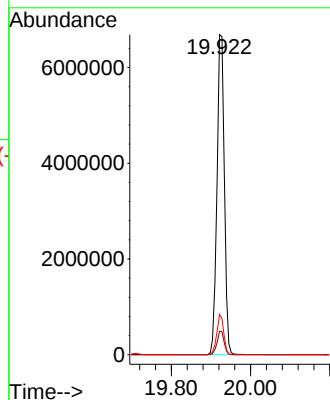
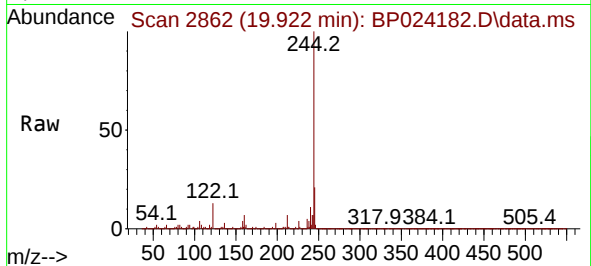




#79
 Terphenyl-d14
 Concen: 103.969 ng
 RT: 19.922 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

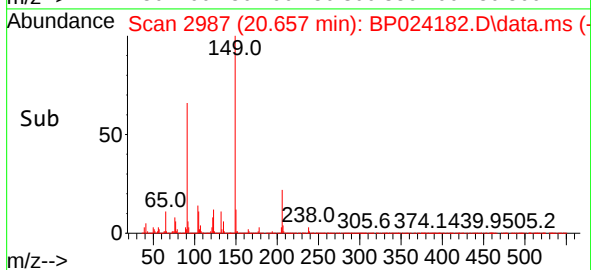
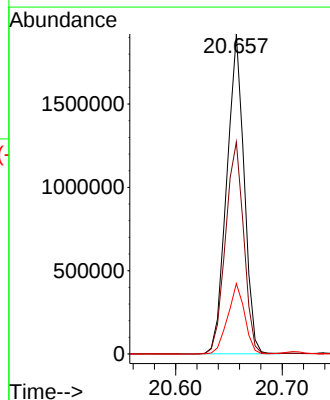
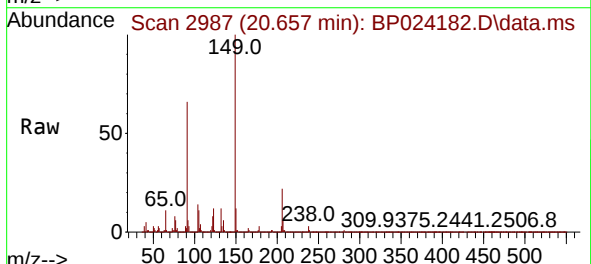
Instrument :
 BNA_P
 ClientSampleId :
 PB167171BS

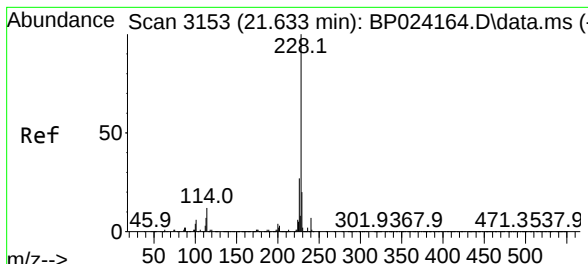
Tgt Ion:244 Resp: 8591304
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 12.6 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 49.722 ng
 RT: 20.657 min Scan# 2987
 Delta R.T. 0.006 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

Tgt Ion:149 Resp: 2174384
 Ion Ratio Lower Upper
 149 100
 91 66.2 55.3 82.9
 206 22.0 16.1 24.1



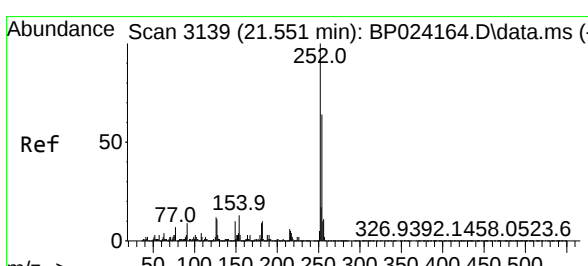
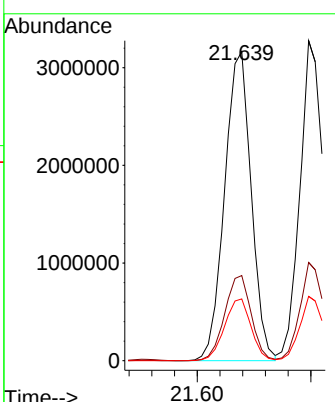
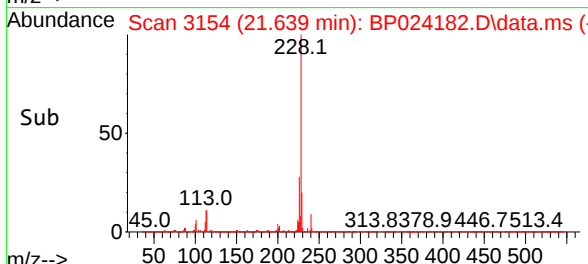
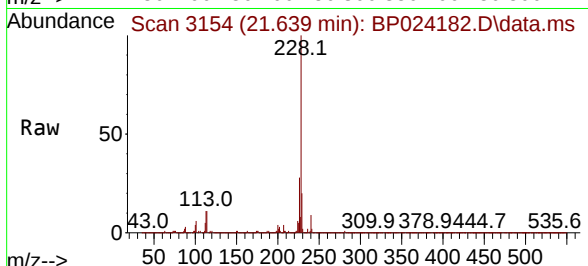


#81
 Benzo(a)anthracene
 Concen: 48.486 ng
 RT: 21.639 min Scan# 3153
 Delta R.T. 0.006 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BS

Tgt Ion: 228 Resp: 5141996

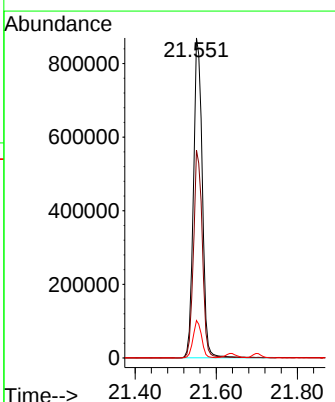
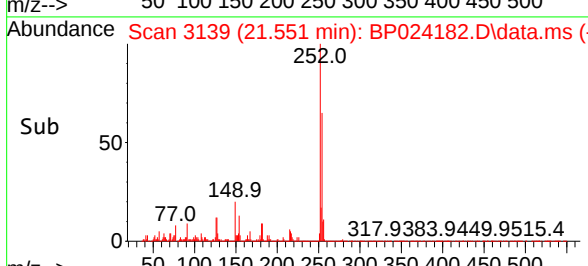
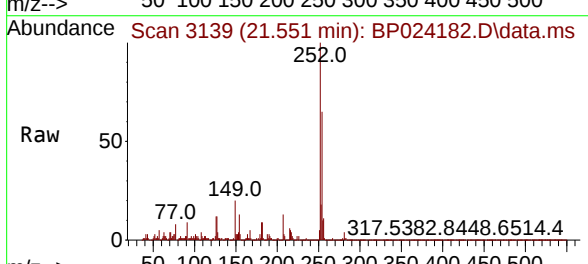
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.0	16.0	24.0

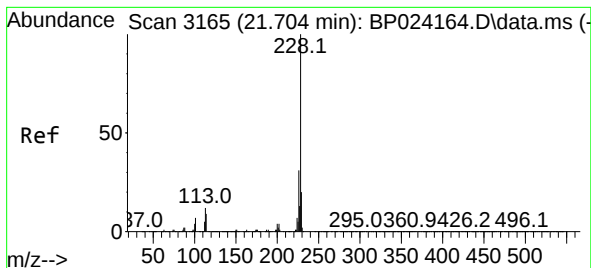


#82
 3,3'-Dichlorobenzidine
 Concen: 37.449 ng
 RT: 21.551 min Scan# 3139
 Delta R.T. -0.000 min
 Lab File: BP024182.D
 Acq: 18 Mar 2025 11:48

Tgt Ion: 252 Resp: 1331069

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	11.7	9.3	13.9





#83

Chrysene

Concen: 47.444 ng

RT: 21.698 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

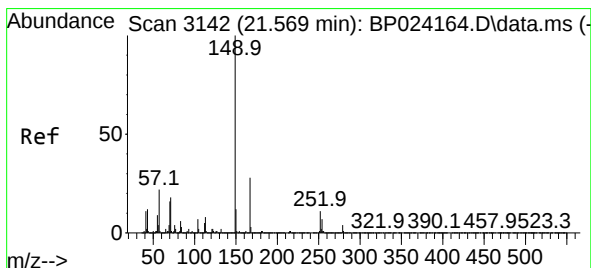
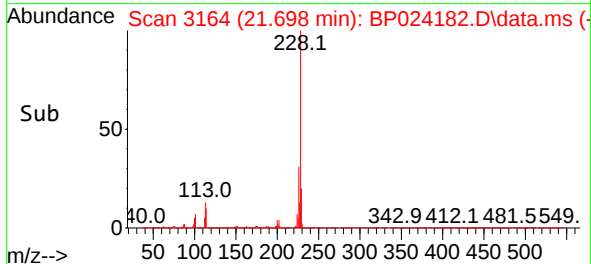
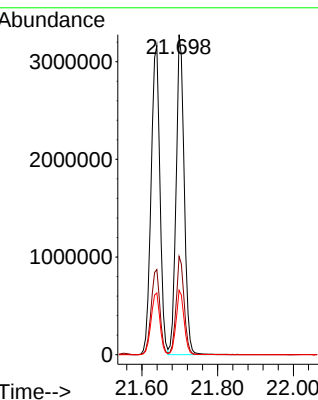
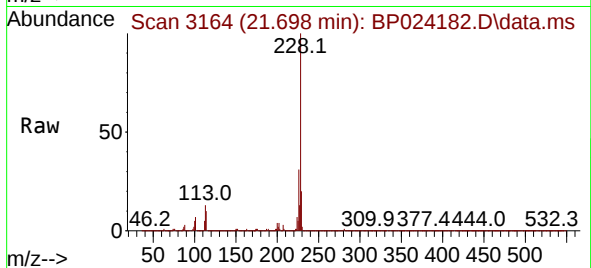
Tgt Ion:228 Resp: 4836892

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.045 ng

RT: 21.575 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

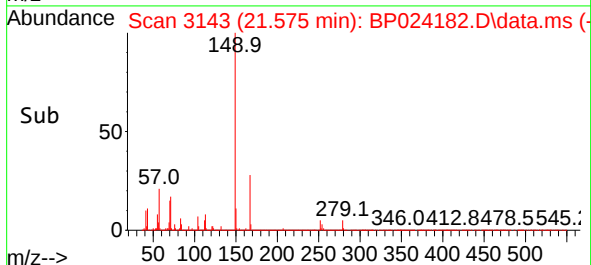
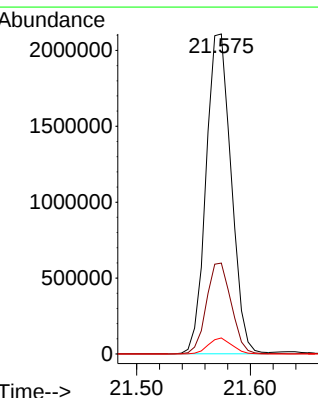
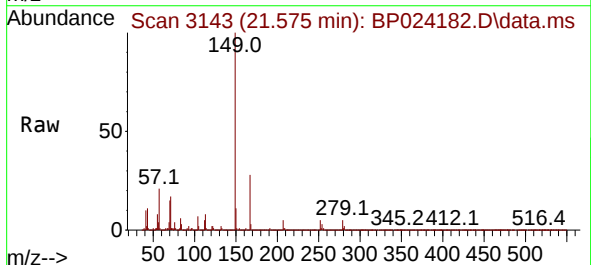
Tgt Ion:149 Resp: 3236314

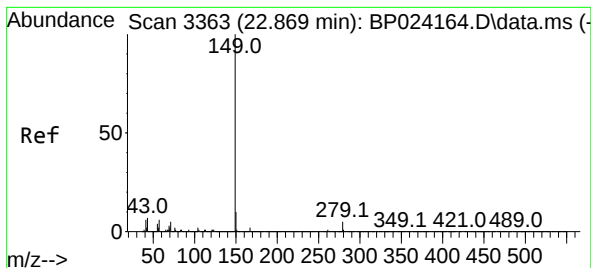
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.149 ng

RT: 22.874 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

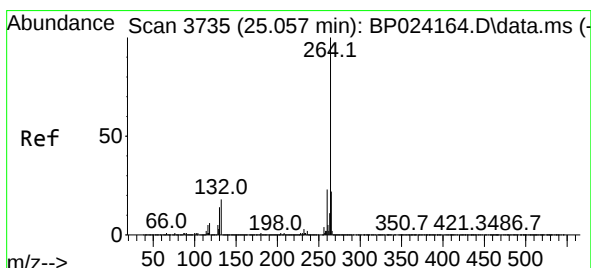
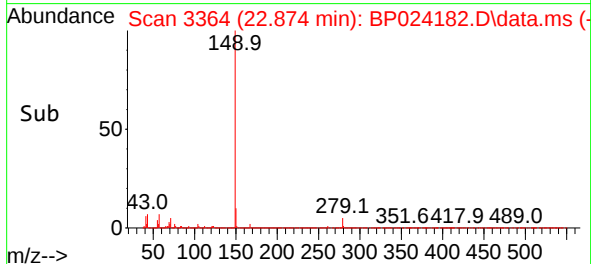
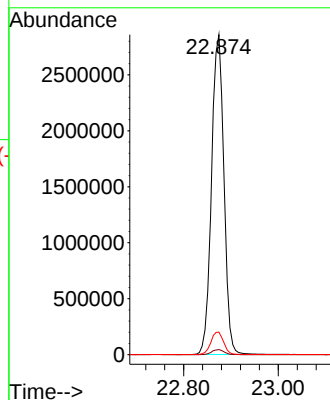
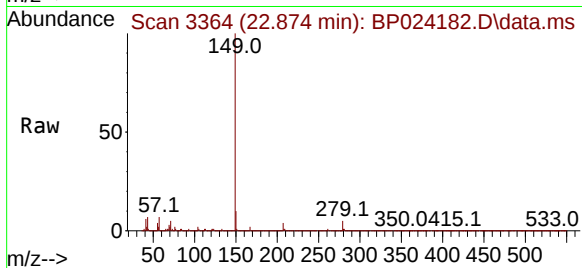
Tgt Ion:149 Resp: 5196175

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.051 min Scan# 3734

Delta R.T. -0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

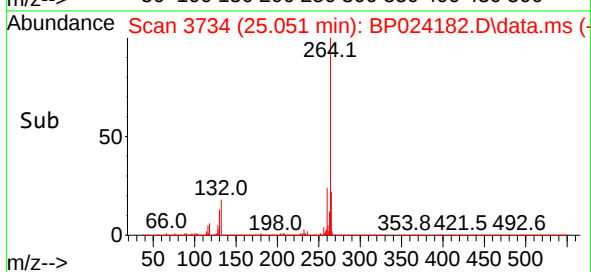
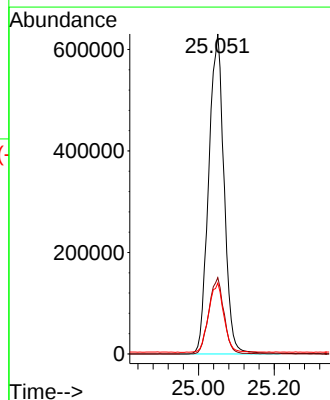
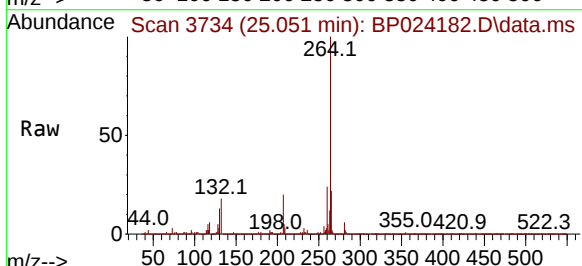
Tgt Ion:264 Resp: 1768980

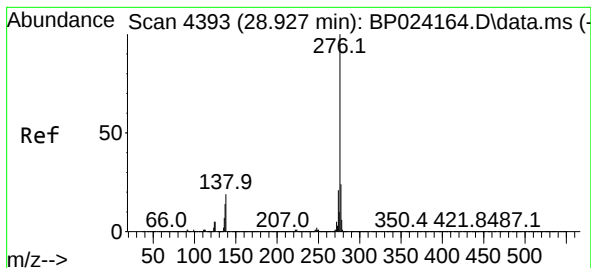
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.039 ng m

RT: 28.909 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

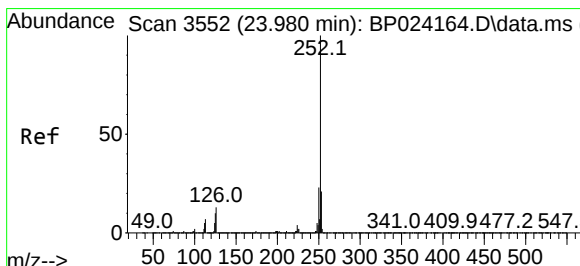
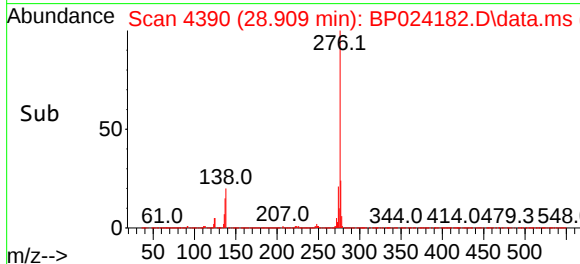
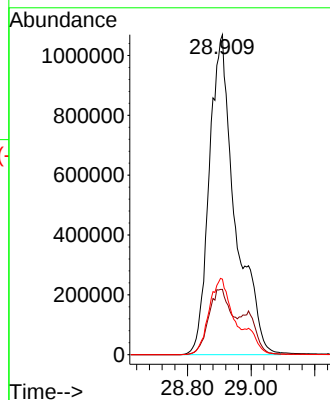
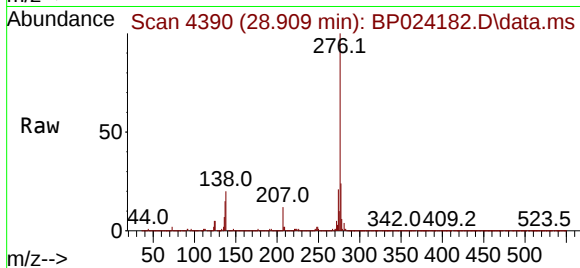
Tgt Ion:276 Resp: 6054359

Ion Ratio Lower Upper

276 100

138 18.1 13.7 20.5

277 21.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.707 ng

RT: 23.974 min Scan# 3551

Delta R.T. -0.006 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

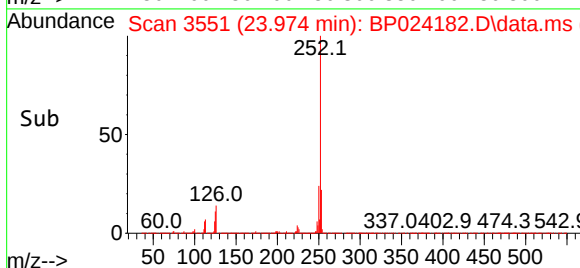
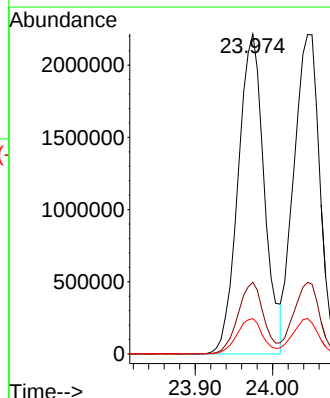
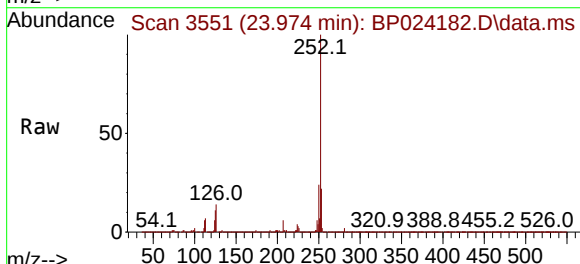
Tgt Ion:252 Resp: 5195002

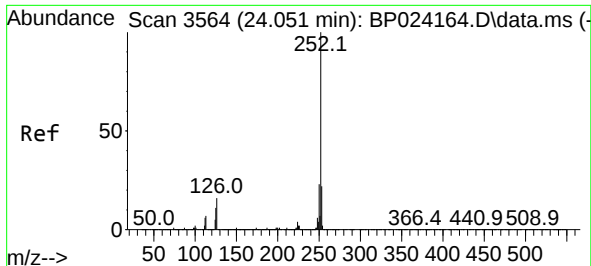
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 11.1 8.2 12.4

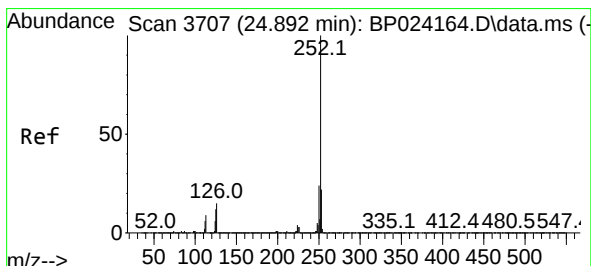
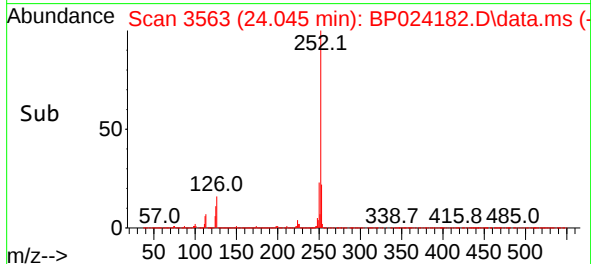
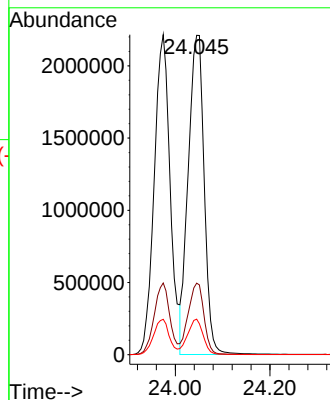
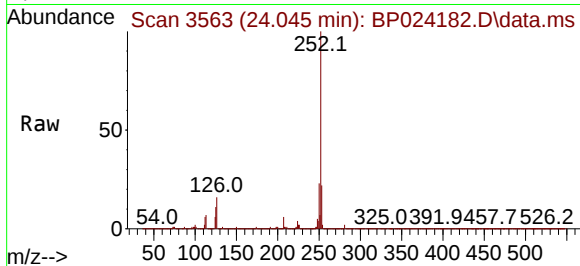




#89
Benzo(k)fluoranthene
Concen: 49.565 ng
RT: 24.045 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

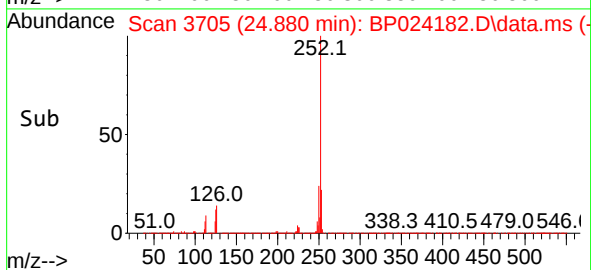
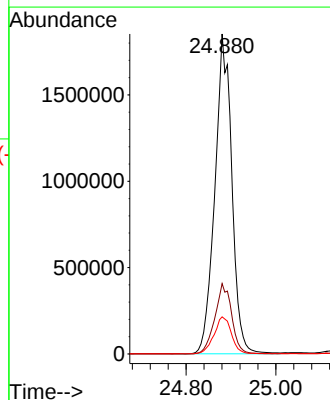
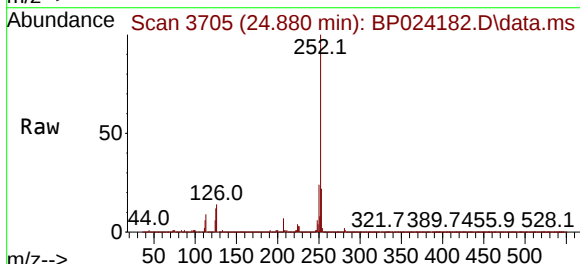
Instrument :
BNA_P
ClientSampleId :
PB167171BS

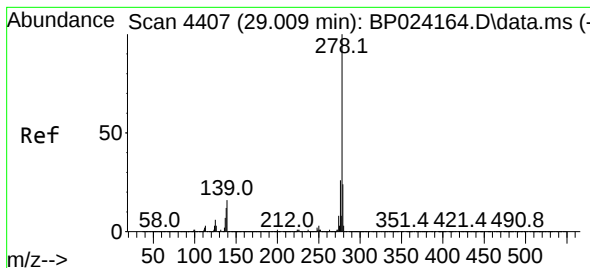
Tgt Ion:252 Resp: 5171208
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 52.558 ng
RT: 24.880 min Scan# 3705
Delta R.T. -0.012 min
Lab File: BP024182.D
Acq: 18 Mar 2025 11:48

Tgt Ion:252 Resp: 4874580
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: 48.893 ng

RT: 28.992 min Scan# 4404

Delta R.T. -0.018 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Instrument :

BNA_P

ClientSampleId :

PB167171BS

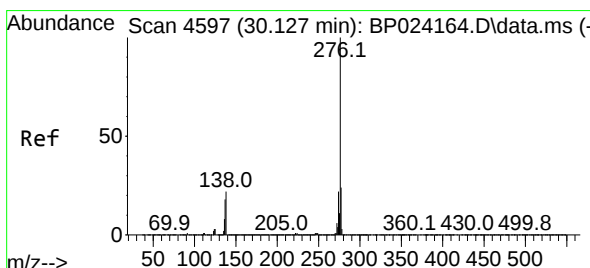
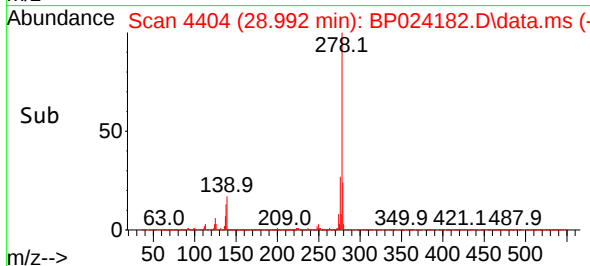
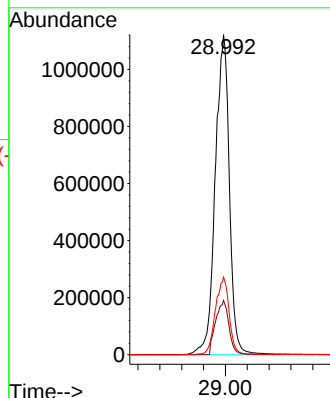
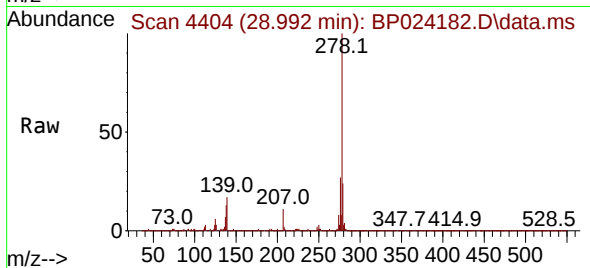
Tgt Ion:278 Resp: 5022005

Ion Ratio Lower Upper

278 100

139 17.0 13.0 19.4

279 24.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 45.257 ng

RT: 30.103 min Scan# 4593

Delta R.T. -0.024 min

Lab File: BP024182.D

Acq: 18 Mar 2025 11:48

Tgt Ion:276 Resp: 4725360

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 22.4 17.4 26.2

