

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024183.D
 Acq On : 18 Mar 2025 12:29
 Operator : RC/JU
 Sample : PB167171BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BSD

Quant Time: Mar 18 12:49:53 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	342755	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1386722	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	818395	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1574850	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1673955	20.000	ng	0.00
86) Perylene-d12	25.063	264	1743513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2109735	98.255	ng	0.00
7) Phenol-d6	6.952	99	2664511	92.796	ng	0.00
23) Nitrobenzene-d5	8.916	82	2285427	92.986	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	972987	94.385	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	5149836	92.786	ng	0.00
79) Terphenyl-d14	19.928	244	7903257	97.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	343452	40.352	ng	99
3) Pyridine	3.717	79	842752	36.219	ng	99
4) n-Nitrosodimethylamine	3.623	42	327621	42.151	ng	99
6) Aniline	7.105	93	1045934	39.981	ng	98
8) 2-Chlorophenol	7.340	128	1040474	44.861	ng	98
9) Benzaldehyde	6.916	77	266574	19.238	ng	97
10) Phenol	6.981	94	1334981	46.055	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	986557	43.158	ng	99
12) 1,3-Dichlorobenzene	7.658	146	1078909	43.137	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1096250	42.928	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1056909	43.129	ng	100
15) Benzyl Alcohol	8.011	79	841307	46.280	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1043710	44.736	ng	97
17) 2-Methylphenol	8.216	107	860244	47.326	ng	100
18) Hexachloroethane	8.840	117	390461	43.097	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	719491	43.192	ng	100
20) 3+4-Methylphenols	8.540	107	1168446	46.789	ng	98
22) Acetophenone	8.581	105	1638604	46.738	ng	# 100
24) Nitrobenzene	8.958	77	1052713	43.418	ng	99
25) Isophorone	9.487	82	1938731	46.016	ng	99
26) 2-Nitrophenol	9.663	139	516921	44.633	ng	99
27) 2,4-Dimethylphenol	9.728	122	866102	58.157	ng	100
28) bis(2-Chloroethoxy)met...	9.957	93	1280388	43.199	ng	100
29) 2,4-Dichlorophenol	10.199	162	930193	46.172	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	934549	41.987	ng	100
31) Naphthalene	10.599	128	3051963	41.518	ng	100
32) Benzoic acid	9.875	122	693572	47.753	ng	99
33) 4-Chloroaniline	10.704	127	649602	24.694	ng	99
34) Hexachlorobutadiene	10.881	225	549988	42.934	ng	98
35) Caprolactam	11.493	113	339239	51.379	ng	99
36) 4-Chloro-3-methylphenol	11.840	107	974278	44.829	ng	98
37) 2-Methylnaphthalene	12.204	142	2033708	40.952	ng	100
38) 1-Methylnaphthalene	12.428	142	1968954	40.764	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1142125	48.278	ng	99
41) Hexachlorocyclopentadiene	12.563	237	1403416	164.572	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	700729	46.607	ng	99

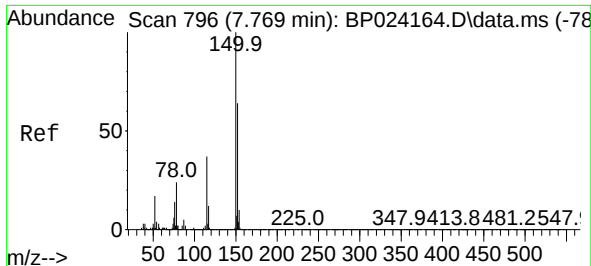
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	767218	46.531	ng	98
46) 1,1'-Biphenyl	13.228	154	2944997	47.887	ng	99
47) 2-Chloronaphthalene	13.269	162	2044262	44.193	ng	99
48) 2-Nitroaniline	13.469	65	571533	48.307	ng	94
49) Acenaphthylene	14.122	152	3301536	47.170	ng	100
50) Dimethylphthalate	13.857	163	2525828	44.108	ng	100
51) 2,6-Dinitrotoluene	13.975	165	548291	45.506	ng	99
52) Acenaphthene	14.469	154	1969345	44.037	ng	99
53) 3-Nitroaniline	14.310	138	378357	29.074	ng	98
54) 2,4-Dinitrophenol	14.516	184	737117	115.620	ng	95
55) Dibenzofuran	14.810	168	3055341	42.178	ng	99
56) 4-Nitrophenol	14.634	139	1166869	107.311	ng	97
57) 2,4-Dinitrotoluene	14.775	165	781794	49.122	ng	96
58) Fluorene	15.469	166	2510994	44.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	657760	45.153	ng	99
60) Diethylphthalate	15.245	149	2522009	44.226	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1225154	44.258	ng	99
62) 4-Nitroaniline	15.492	138	620361	45.452	ng	99
63) Azobenzene	15.763	77	2389125	44.450	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	443037	47.387	ng	97
66) n-Nitrosodiphenylamine	15.687	169	2197871	45.959	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	758063	43.843	ng	96
68) Hexachlorobenzene	16.498	284	901194	44.036	ng	100
69) Atrazine	16.663	200	841186	72.875	ng	99
70) Pentachlorophenol	16.851	266	1299107	98.161	ng	99
71) Phenanthrene	17.251	178	3819730	44.398	ng	100
72) Anthracene	17.345	178	3889813	46.422	ng	100
73) Carbazole	17.622	167	3704990	45.849	ng	100
74) Di-n-butylphthalate	18.222	149	4340190	45.244	ng	100
75) Fluoranthene	19.333	202	4451462	44.675	ng	99
77) Benzidine	19.528	184	1772037	96.822	ng	100
78) Pyrene	19.710	202	4688032	45.048	ng	100
80) Butylbenzylphthalate	20.663	149	2009480	46.823	ng	97
81) Benzo(a)anthracene	21.639	228	4761637	45.752	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1224003	35.091	ng	99
83) Chrysene	21.710	228	4408586	44.064	ng	99
84) Bis(2-ethylhexyl)phtha...	21.580	149	2974684	45.937	ng	100
85) Di-n-octyl phthalate	22.886	149	4680673	45.114	ng	100
87) Indeno(1,2,3-cd)pyrene	28.915	276	4467602	36.715	ng	# 95
88) Benzo(b)fluoranthene	23.980	252	4617611	43.926	ng	98
89) Benzo(k)fluoranthene	24.057	252	4812755	46.803	ng	99
90) Benzo(a)pyrene	24.892	252	4414434	48.292	ng	100
91) Dibenzo(a,h)anthracene	29.009	278	4522494	44.673	ng	100
92) Benzo(g,h,i)perylene	30.121	276	4266672	41.460	ng	98

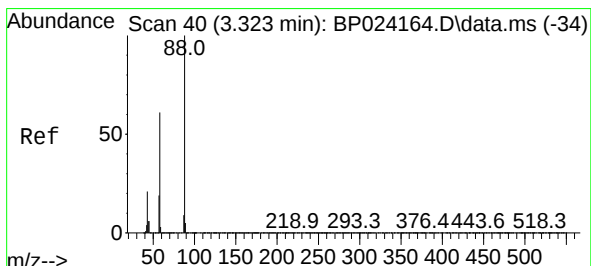
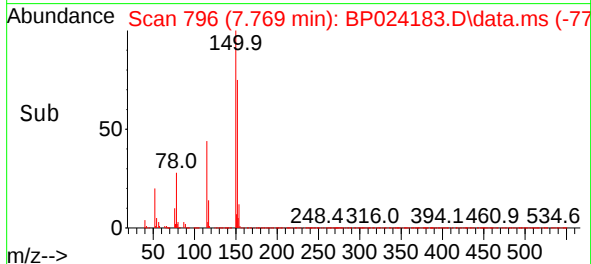
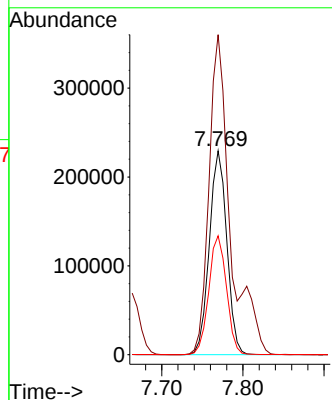
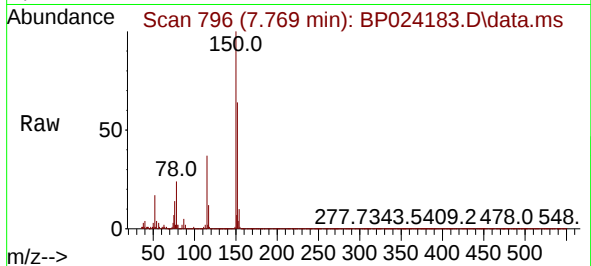
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

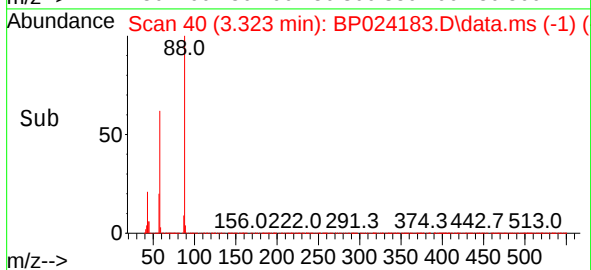
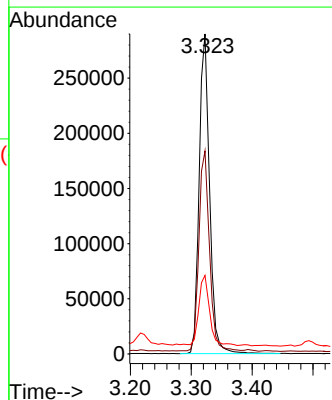
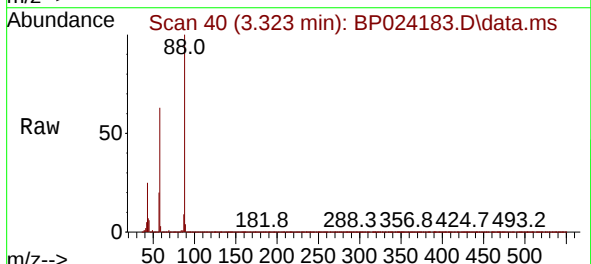
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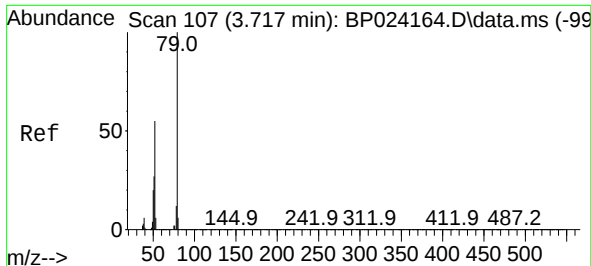
Tgt Ion:152 Resp: 342755
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.5 188.3
 115 58.3 46.3 69.5



#2
 1,4-Dioxane
 Concen: 40.352 ng
 RT: 3.323 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

Tgt Ion: 88 Resp: 343452
 Ion Ratio Lower Upper
 88 100
 58 63.1 49.8 74.6
 43 22.4 17.3 25.9

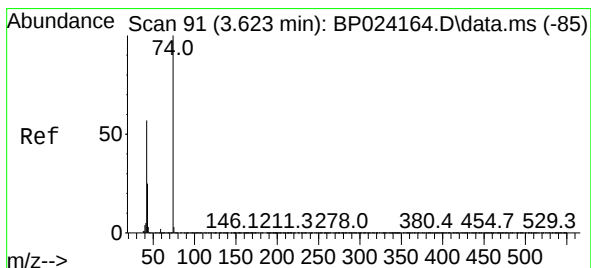
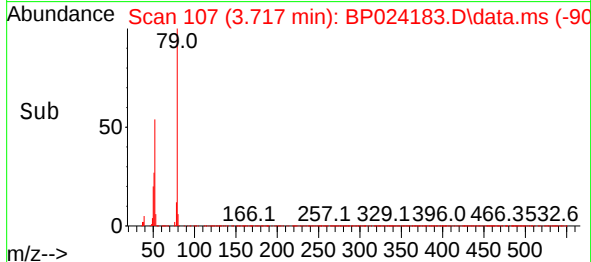
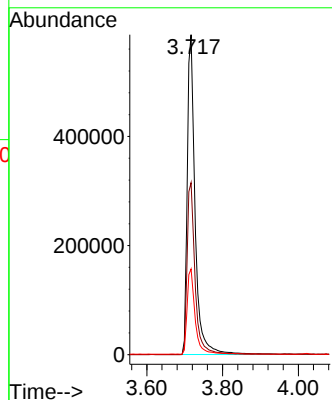
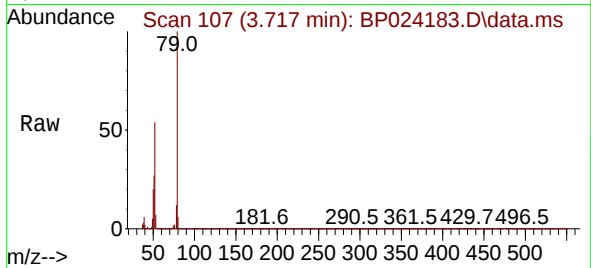




#3
Pyridine
Concen: 36.219 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

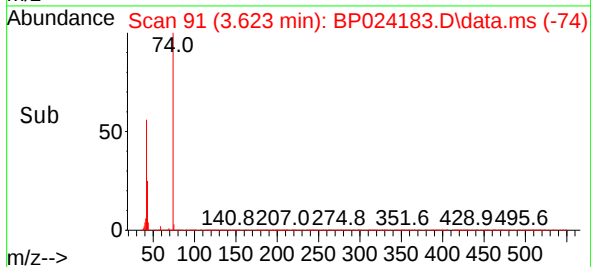
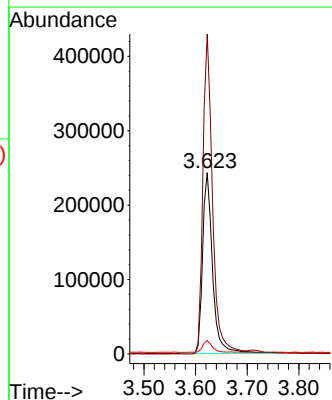
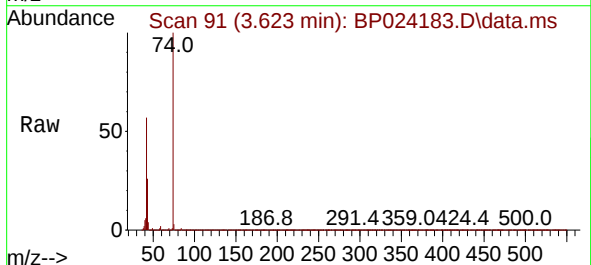
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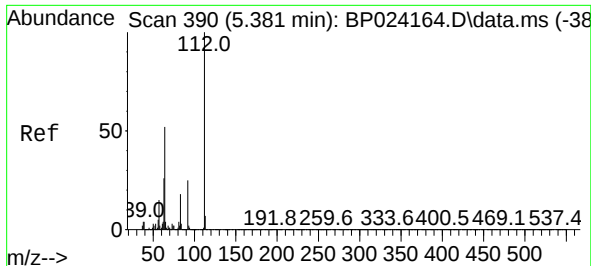
Tgt Ion: 79 Resp: 842752
Ion Ratio Lower Upper
79 100
52 53.8 43.8 65.8
51 26.8 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 42.151 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion: 42 Resp: 327621
Ion Ratio Lower Upper
42 100
74 176.6 139.8 209.6
44 7.4 5.3 7.9

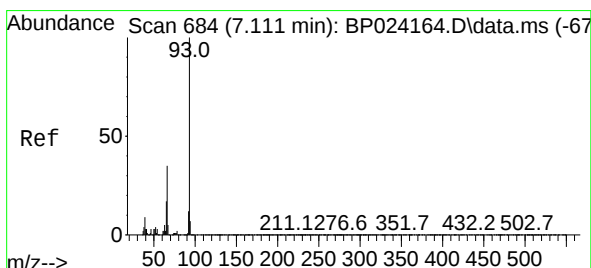
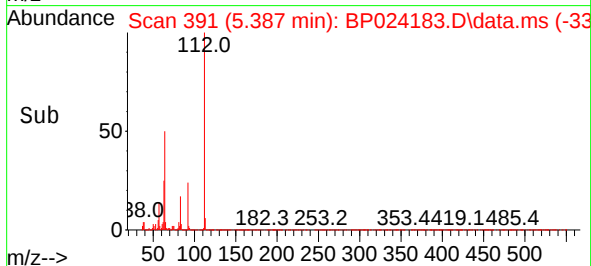
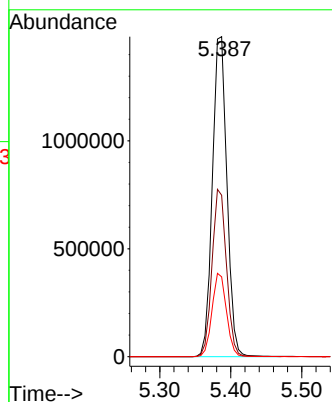
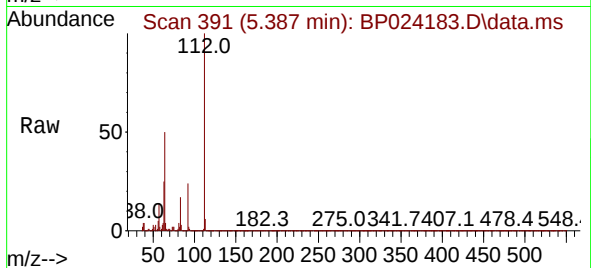




#5
2-Fluorophenol
Concen: 98.255 ng
RT: 5.387 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

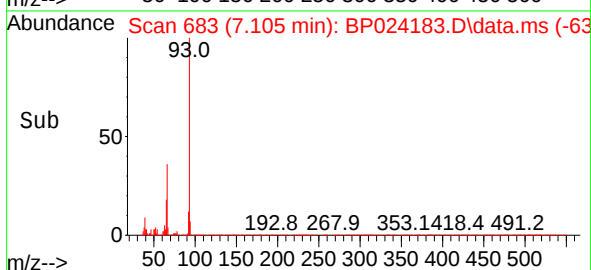
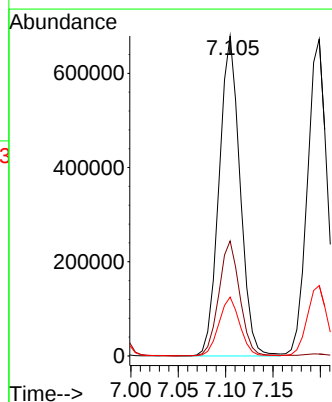
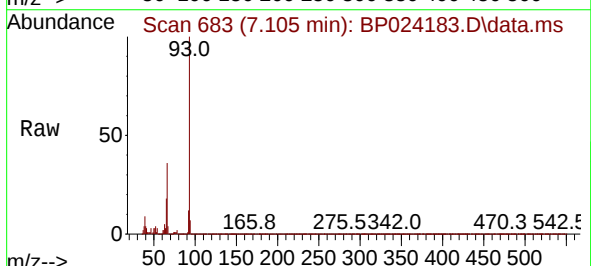
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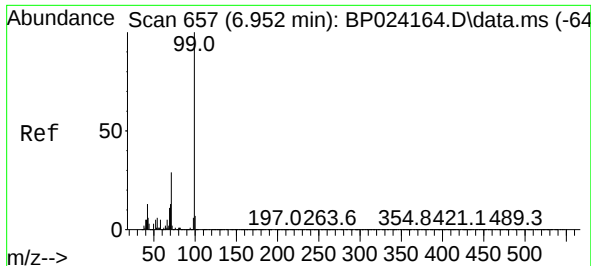
Tgt Ion:112 Resp: 2109735
Ion Ratio Lower Upper
112 100
64 50.4 41.3 61.9
63 24.9 20.6 31.0



#6
Aniline
Concen: 39.981 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion: 93 Resp: 1045934
Ion Ratio Lower Upper
93 100
66 36.0 28.2 42.2
65 18.4 14.0 21.0

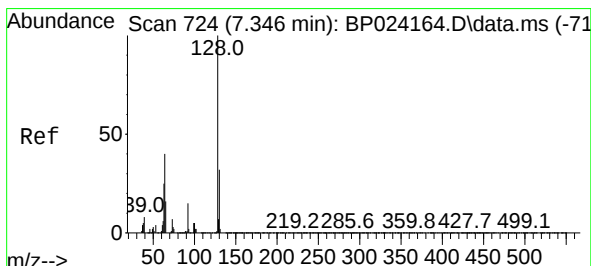
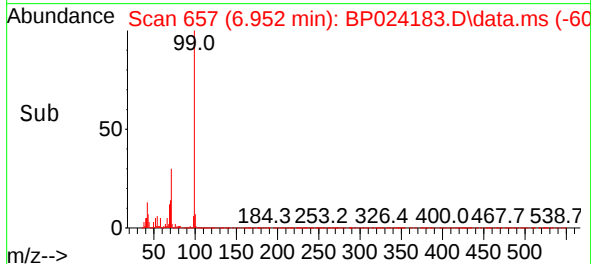
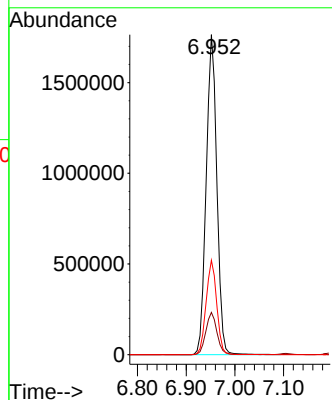
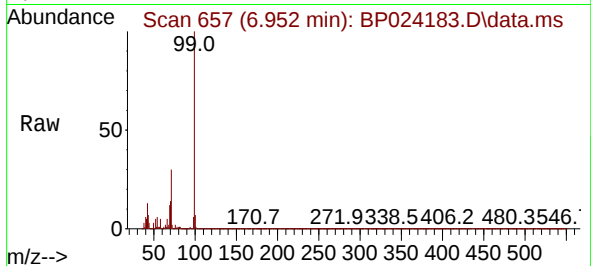




#7
Phenol-d6
Concen: 92.796 ng
RT: 6.952 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

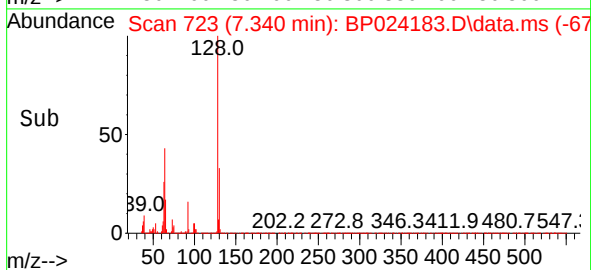
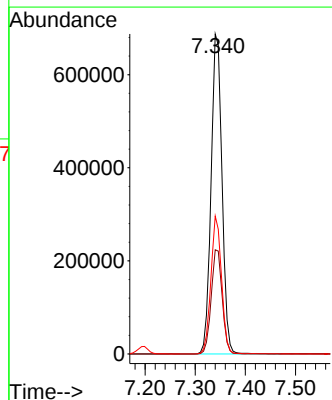
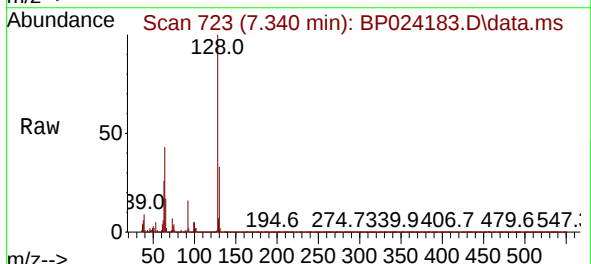
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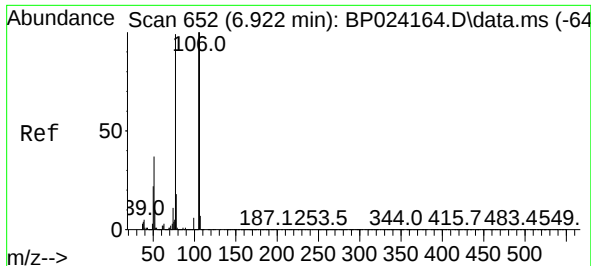
Tgt Ion: 99 Resp: 2664511
Ion Ratio Lower Upper
99 100
42 13.2 10.6 16.0
71 29.5 23.3 34.9



#8
2-Chlorophenol
Concen: 44.861 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:128 Resp: 1040474
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 43.1 21.6 61.6

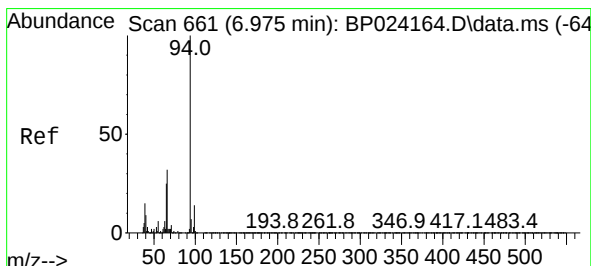
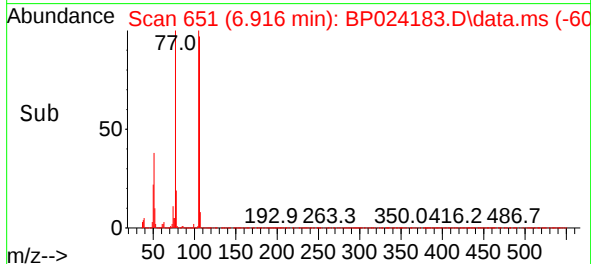
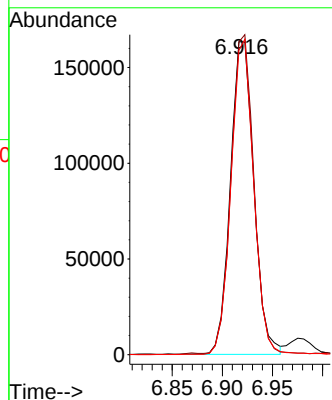
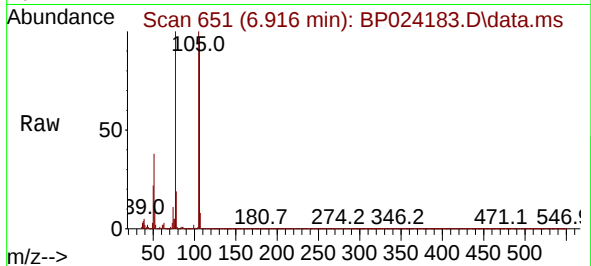




#9
Benzaldehyde
Concen: 19.238 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

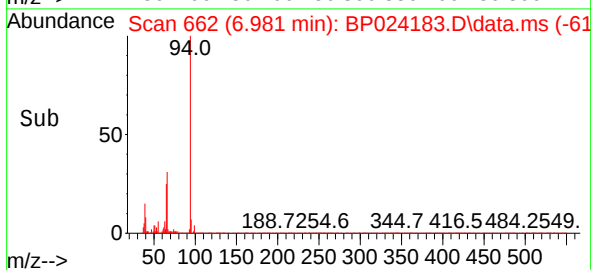
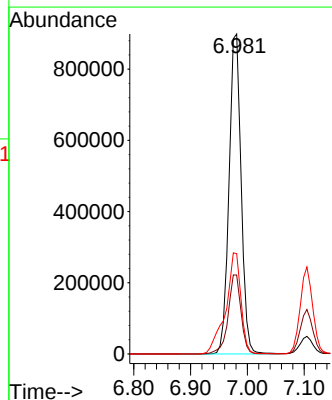
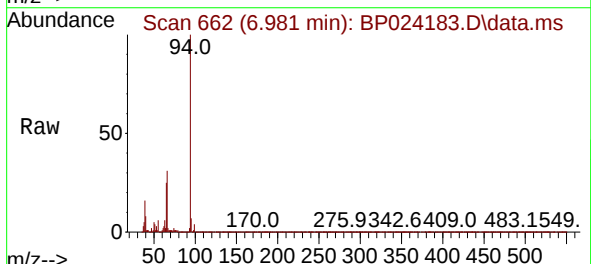
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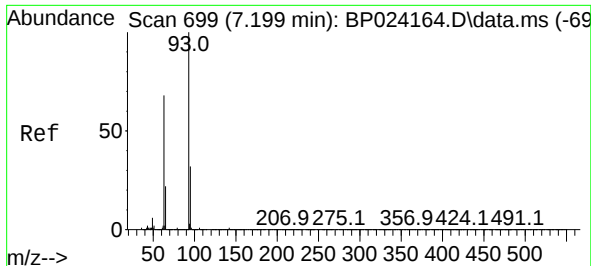
Tgt Ion: 77 Resp: 266574
Ion Ratio Lower Upper
77 100
105 99.9 81.4 121.4
106 97.2 81.1 121.1



#10
Phenol
Concen: 46.055 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion: 94 Resp: 1334981
Ion Ratio Lower Upper
94 100
65 24.7 4.9 44.9
66 31.3 11.9 51.9

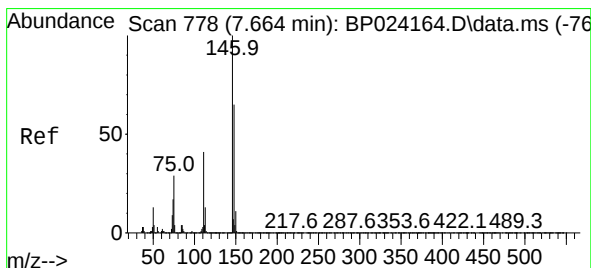
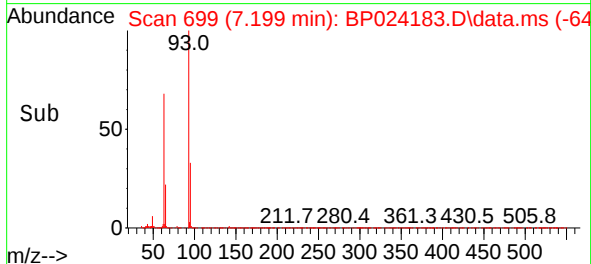
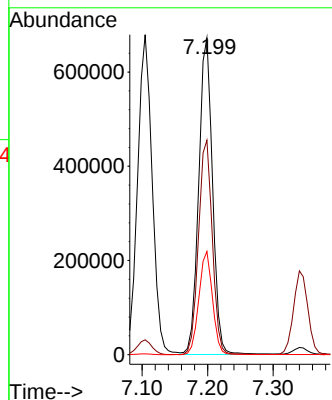
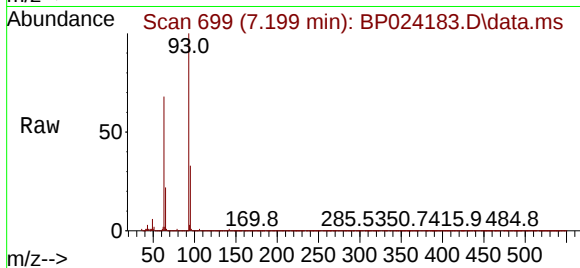




#11
bis(2-Chloroethyl)ether
Concen: 43.158 ng
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

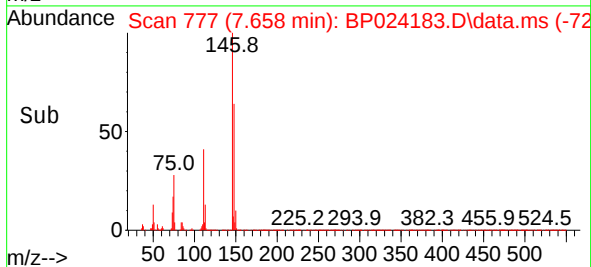
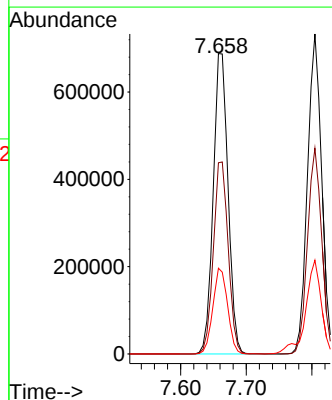
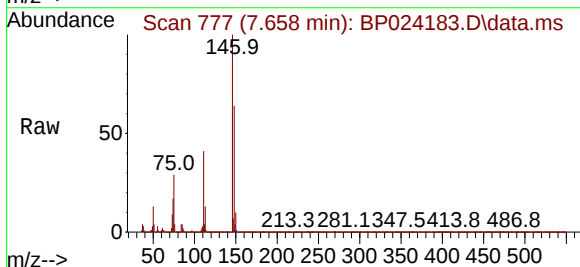
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

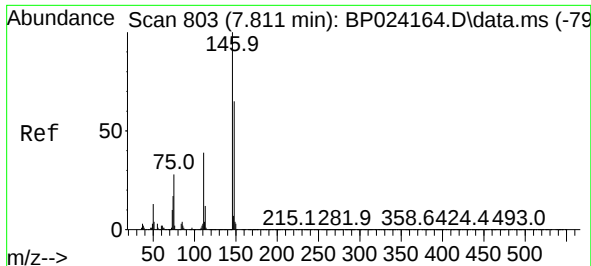
Tgt Ion: 93 Resp: 986557
Ion Ratio Lower Upper
93 100
63 67.7 47.4 87.4
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.137 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion: 146 Resp: 1078909
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
75 28.6 22.8 34.2

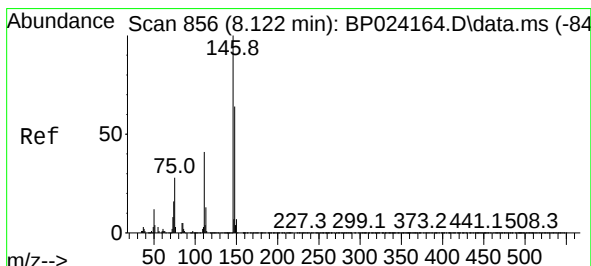
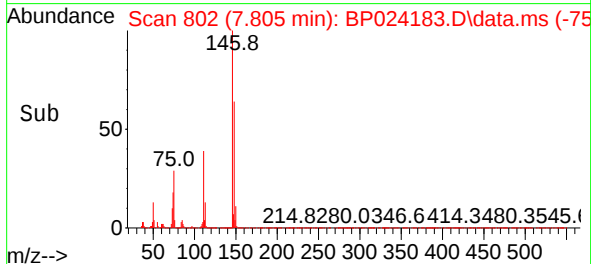
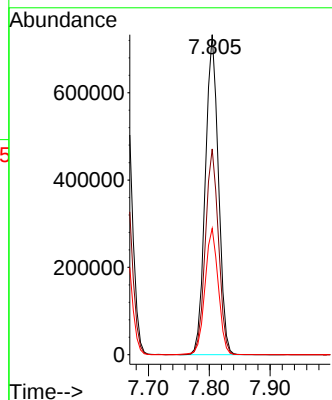
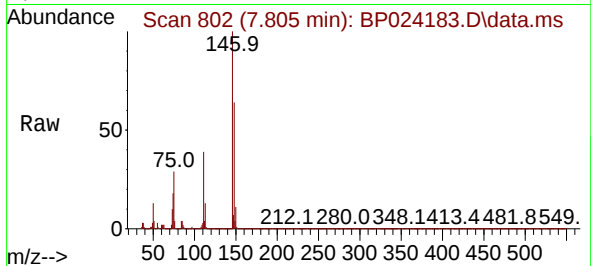




#13
1,4-Dichlorobenzene
Concen: 42.928 ng
RT: 7.805 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

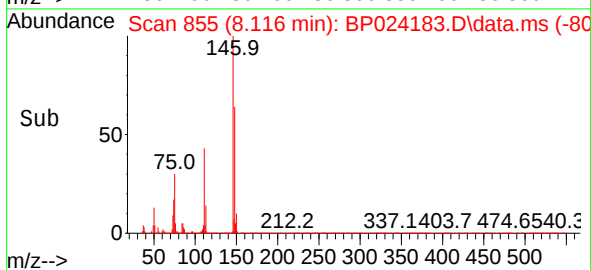
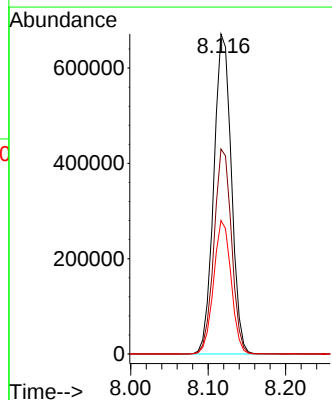
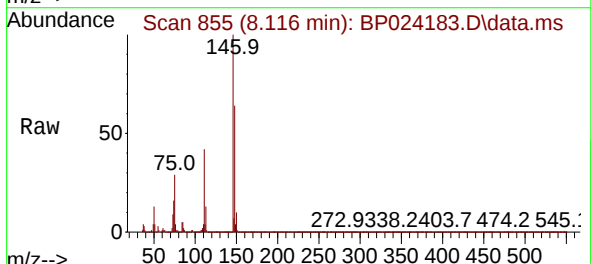
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

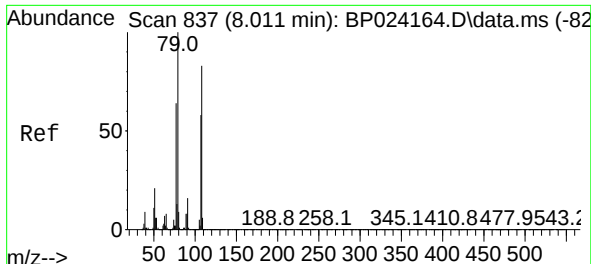
Tgt Ion:146 Resp: 1096250
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
111 39.5 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 43.129 ng
RT: 8.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:146 Resp: 1056909
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 41.7 33.2 49.8

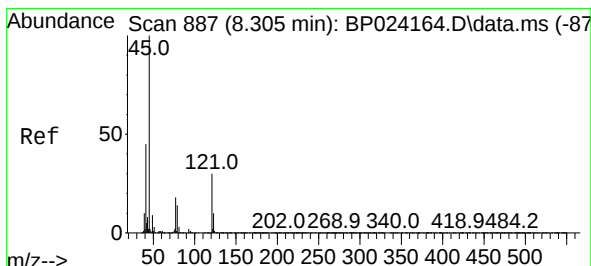
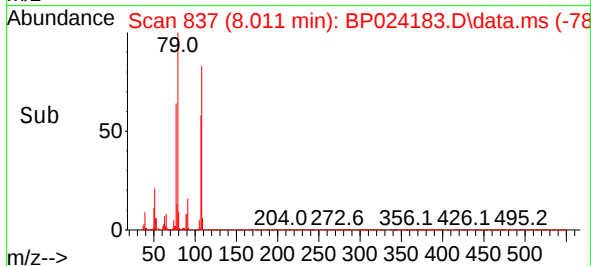
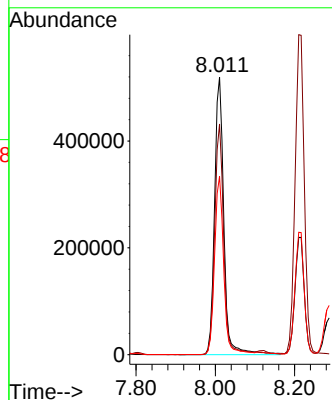
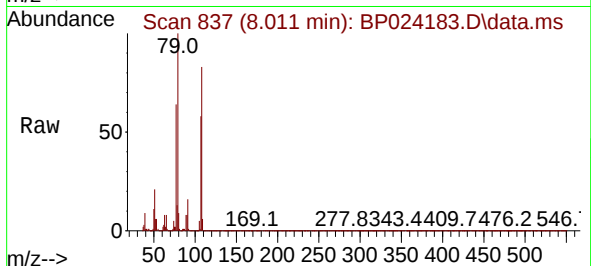




#15
Benzyl Alcohol
Concen: 46.280 ng
RT: 8.011 min Scan# 841
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

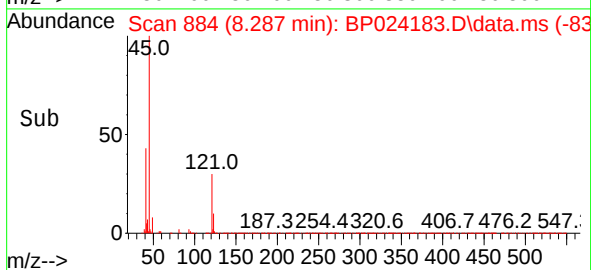
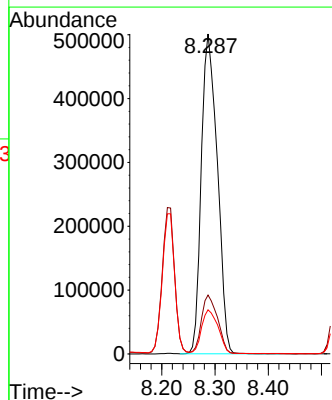
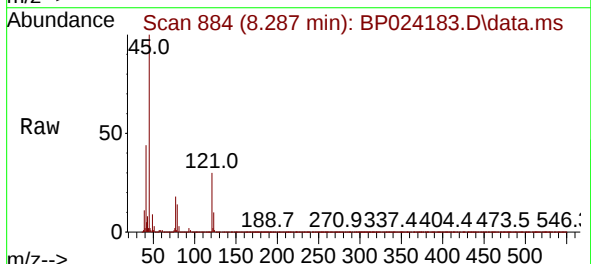
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

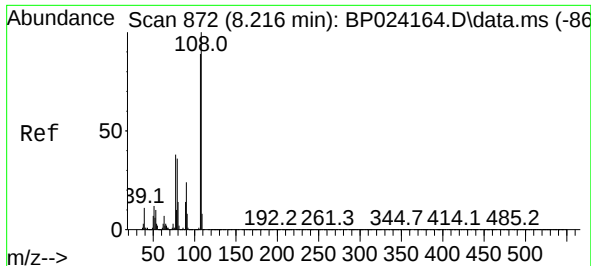
Tgt Ion: 79 Resp: 841307
Ion Ratio Lower Upper
79 100
108 83.1 66.5 99.7
77 64.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.736 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

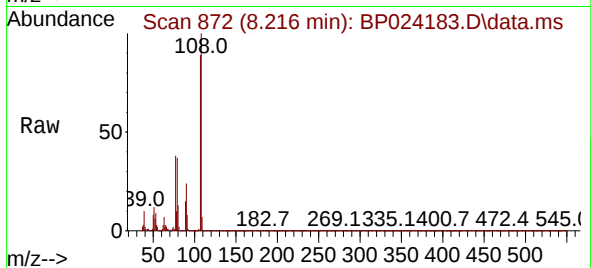
Tgt Ion: 45 Resp: 1043710
Ion Ratio Lower Upper
45 100
77 18.4 0.0 39.0
79 13.8 0.0 35.6



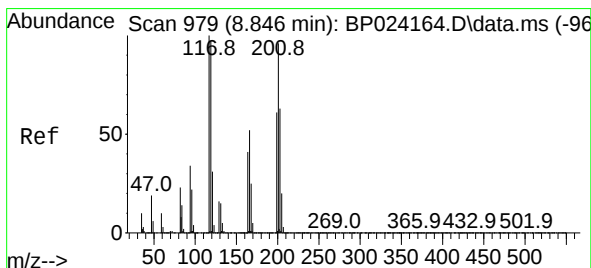
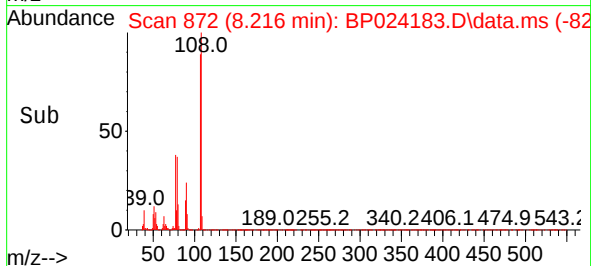
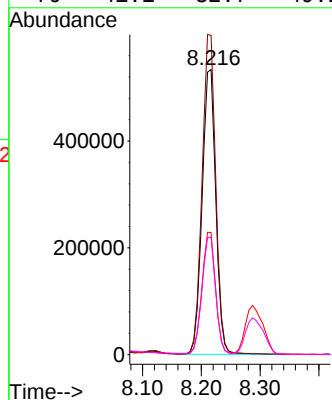


#17
2-Methylphenol
Concen: 47.326 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Instrument :
BNA_P
ClientSampleId :
PB167171BSD

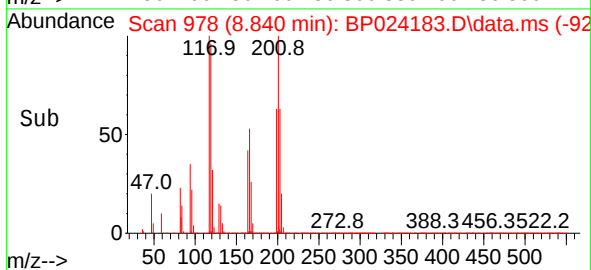
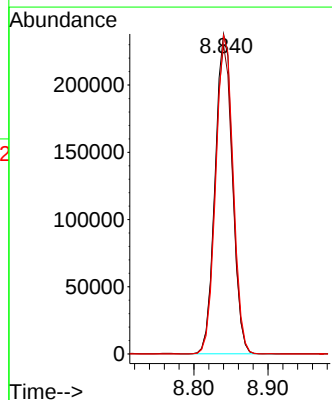
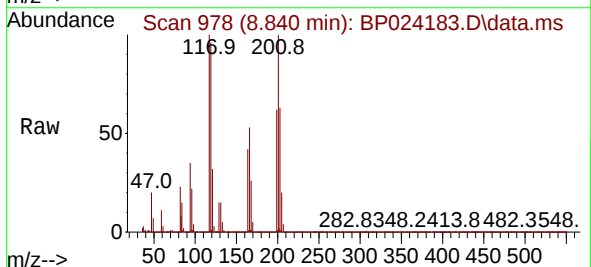


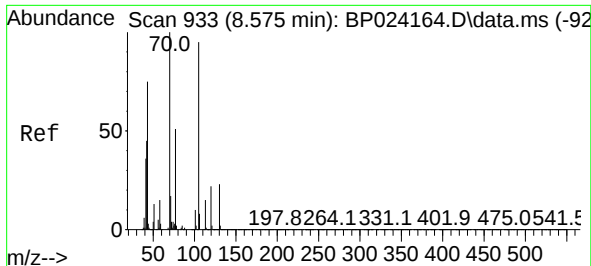
Tgt Ion:	107	Resp:	860244
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	42.8	34.0	51.0
79	41.1	32.7	49.1



#18
Hexachloroethane
Concen: 43.097 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:	117	Resp:	390461
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	99.6	76.6	114.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.192 ng

RT: 8.569 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

Tgt Ion: 70 Resp: 719491

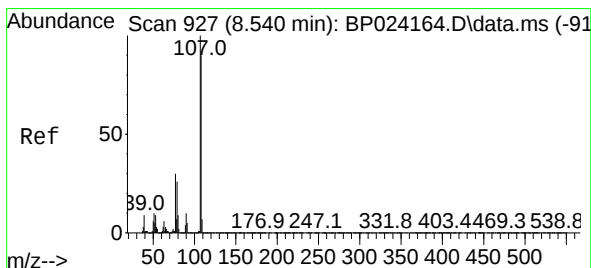
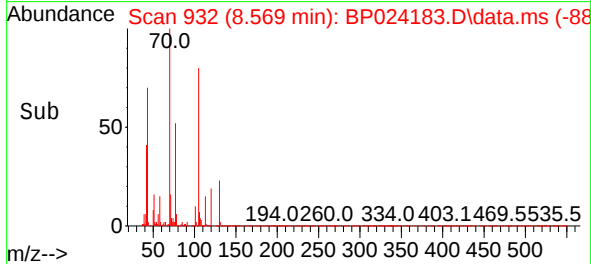
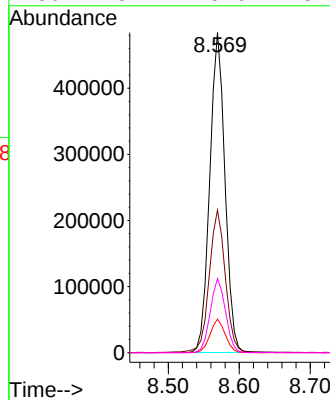
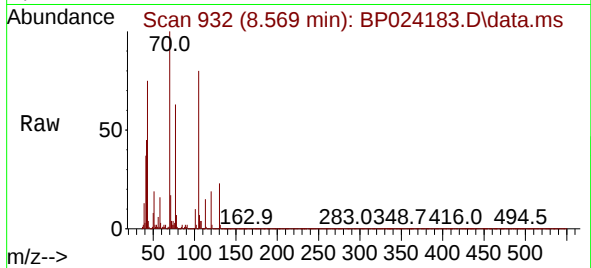
Ion Ratio Lower Upper

70 100

42 44.6 36.0 54.0

101 10.5 8.3 12.5

130 23.2 18.6 28.0



#20

3+4-Methylphenols

Concen: 46.789 ng

RT: 8.540 min Scan# 927

Delta R.T. 0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Tgt Ion:107 Resp: 1168446

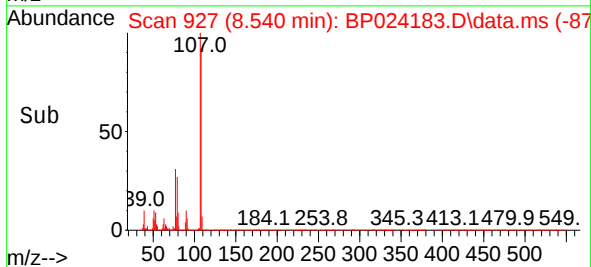
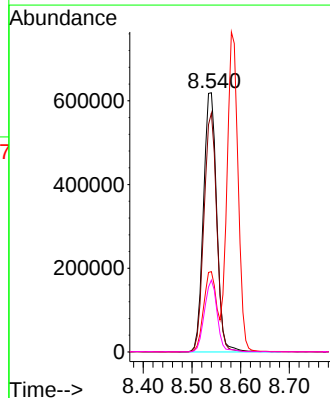
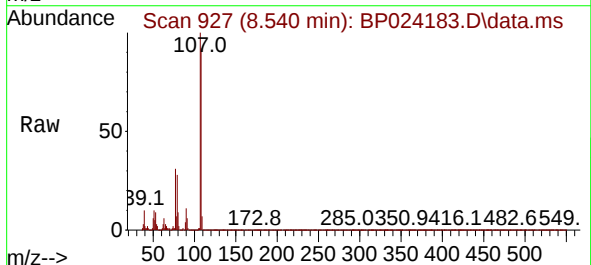
Ion Ratio Lower Upper

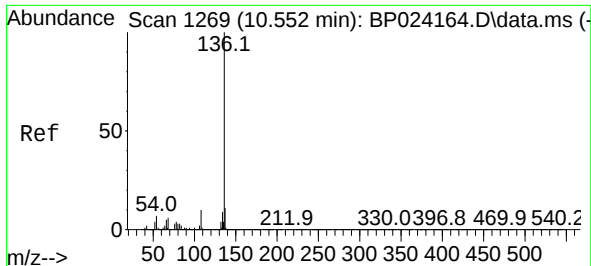
107 100

108 92.2 69.7 109.7

77 31.0 10.3 50.3

79 27.7 6.1 46.1

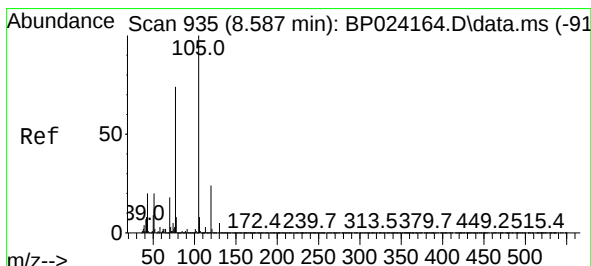
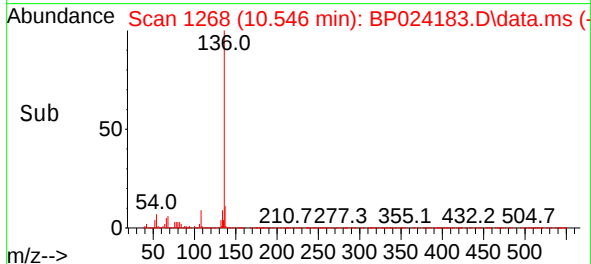
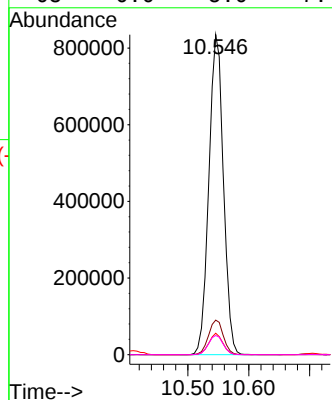
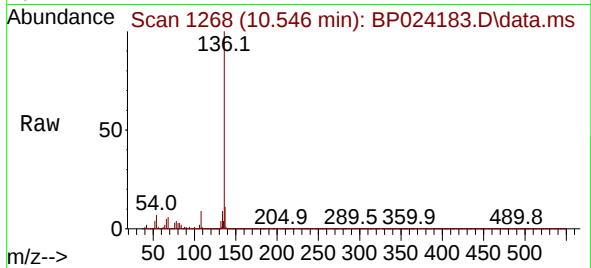




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

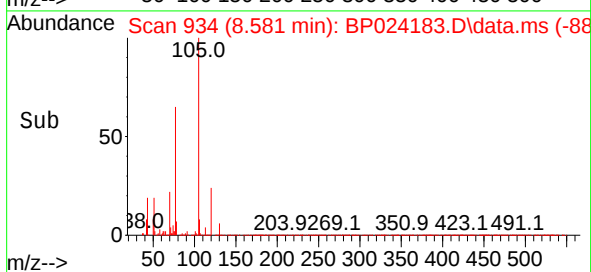
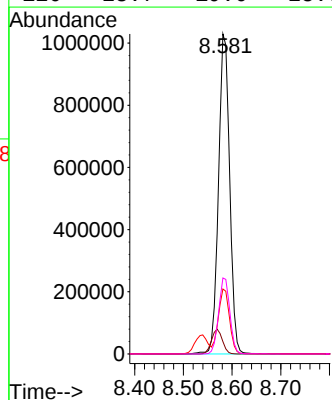
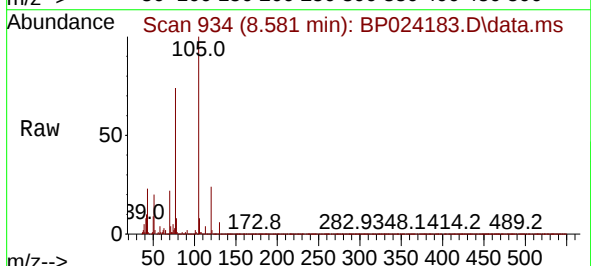
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

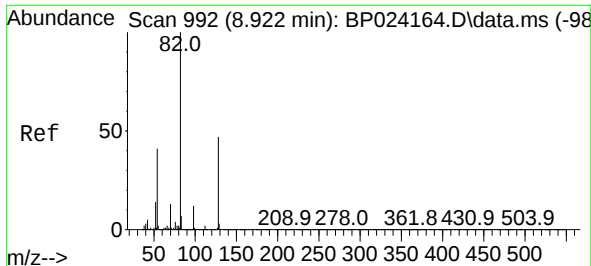
Tgt Ion:136 Resp: 1386722
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.7 5.3 7.9
68 6.0 5.0 7.4



#22
Acetophenone
Concen: 46.738 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:105 Resp: 1638604
Ion Ratio Lower Upper
105 100
71 3.8 2.4 3.6#
51 20.3 16.2 24.2
120 23.7 19.0 28.6





#23

Nitrobenzene-d5

Concen: 92.986 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

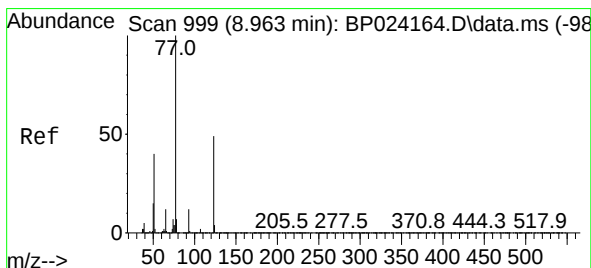
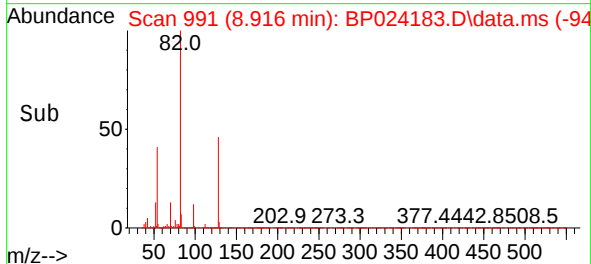
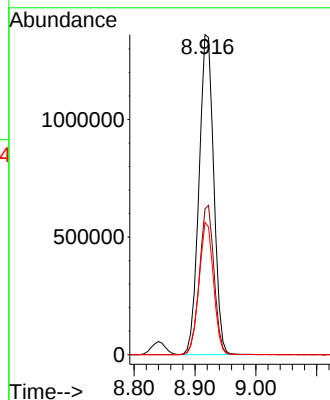
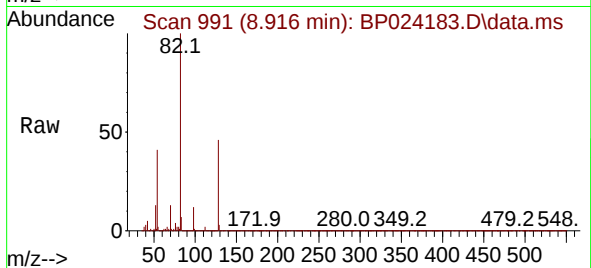
Tgt Ion: 82 Resp: 2285427

Ion Ratio Lower Upper

82 100

128 45.6 37.4 56.0

54 41.4 32.5 48.7



#24

Nitrobenzene

Concen: 43.418 ng

RT: 8.958 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

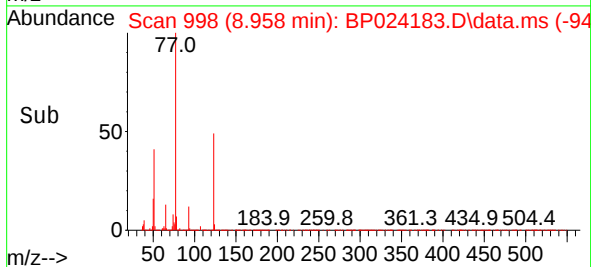
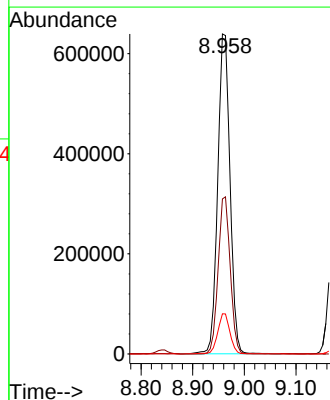
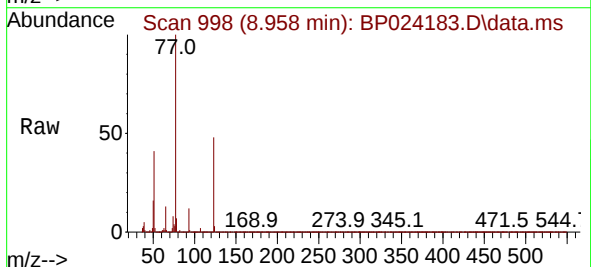
Tgt Ion: 77 Resp: 1052713

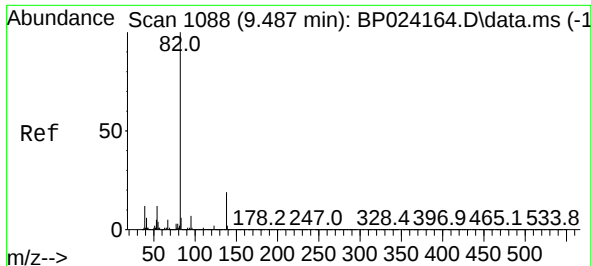
Ion Ratio Lower Upper

77 100

123 48.4 39.4 59.2

65 12.5 9.9 14.9

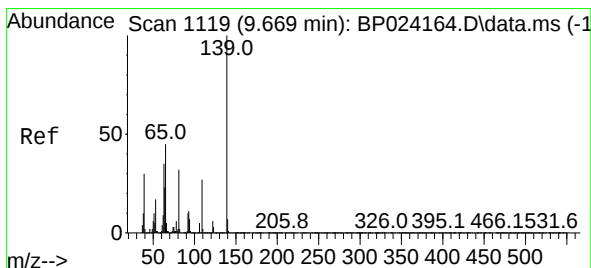
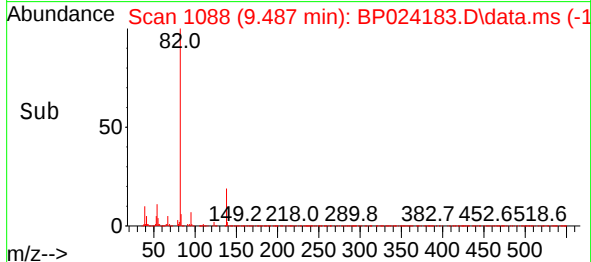
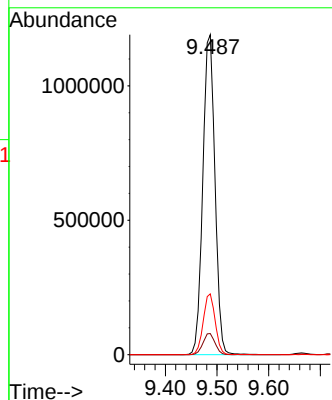
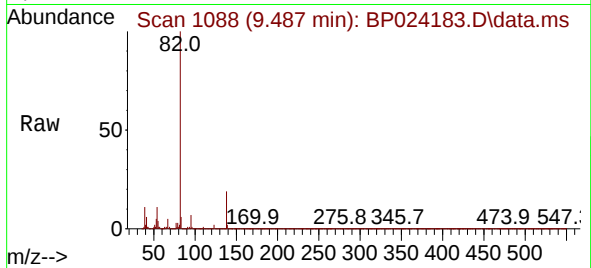




#25
Isophorone
Concen: 46.016 ng
RT: 9.487 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

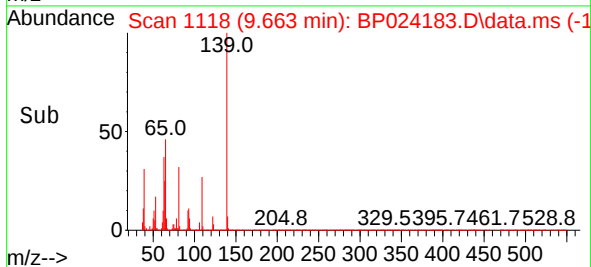
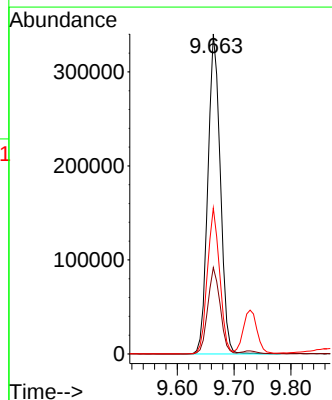
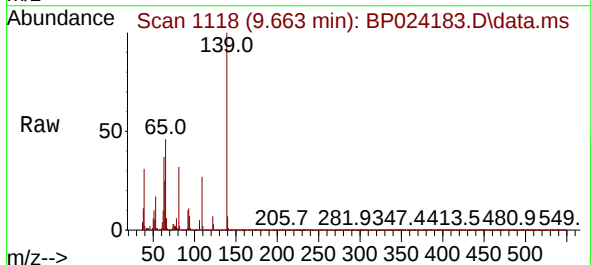
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

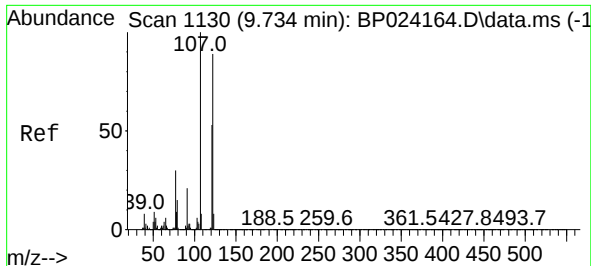
Tgt Ion: 82 Resp: 1938731
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 44.633 ng
RT: 9.663 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:139 Resp: 516921
Ion Ratio Lower Upper
139 100
109 27.0 21.7 32.5
65 45.6 35.8 53.8

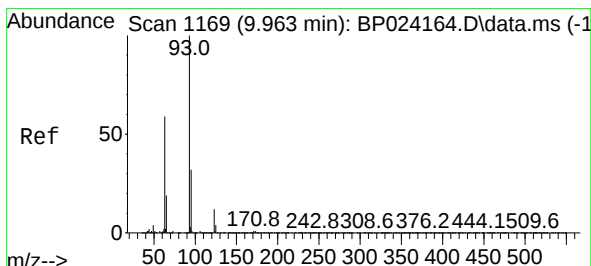
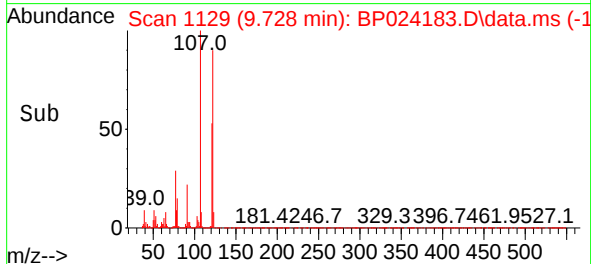
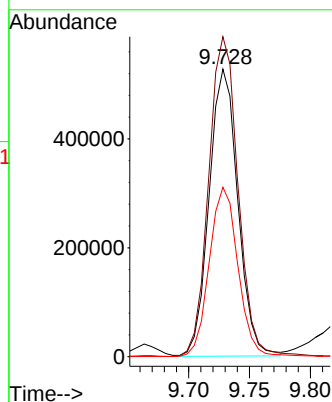
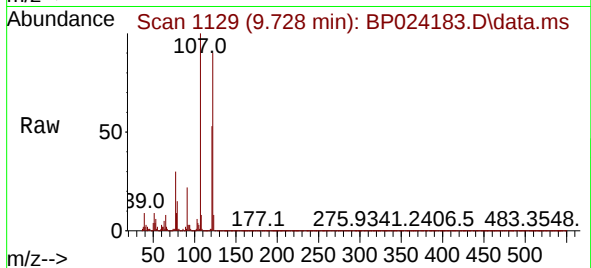




#27
2,4-Dimethylphenol
Concen: 58.157 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

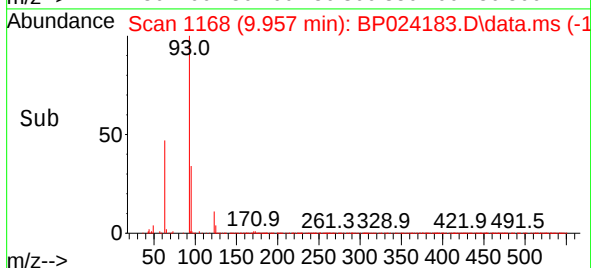
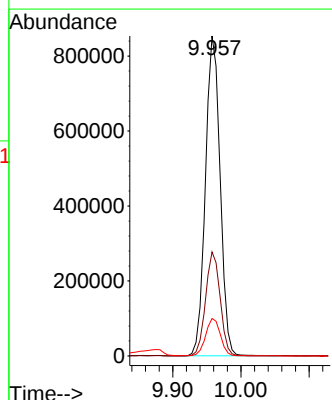
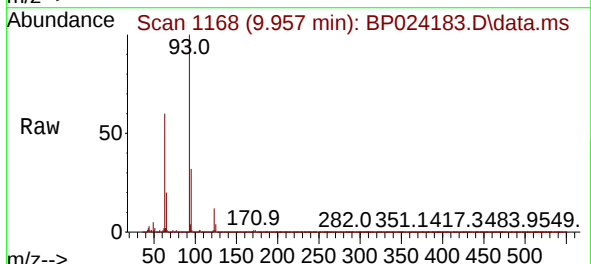
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

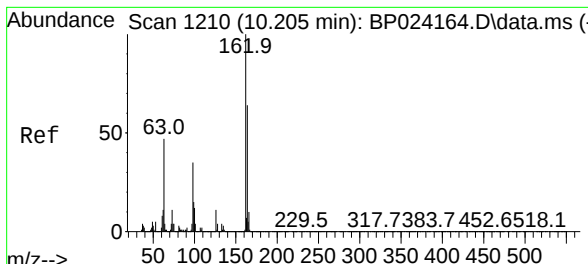
Tgt Ion:122 Resp: 866102
Ion Ratio Lower Upper
122 100
107 111.3 89.3 133.9
121 58.9 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.199 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion: 93 Resp: 1280388
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.7 9.5 14.3

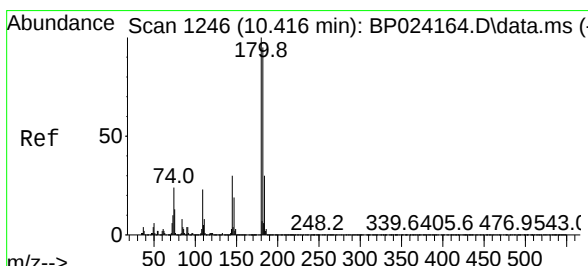
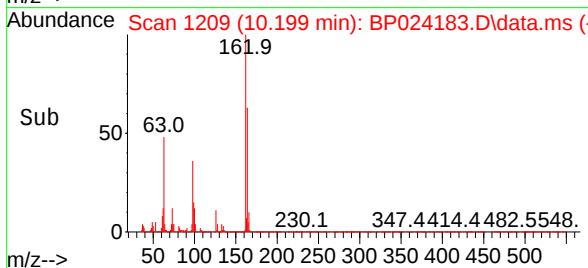
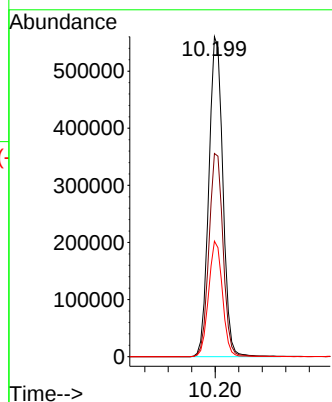
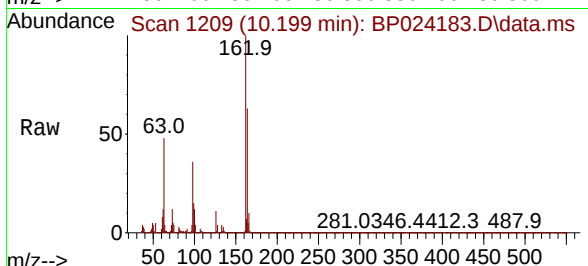




#29
2,4-Dichlorophenol
Concen: 46.172 ng
RT: 10.199 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

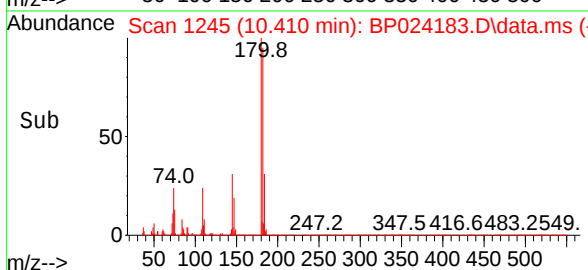
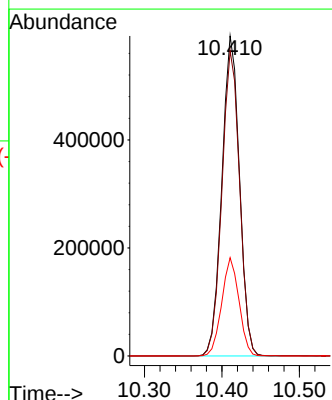
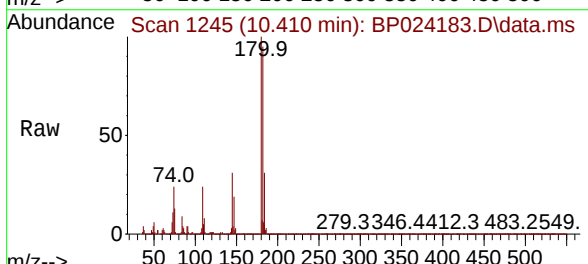
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

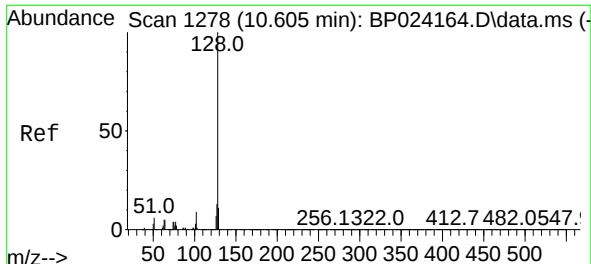
Tgt Ion:162 Resp: 930193
Ion Ratio Lower Upper
162 100
164 63.5 44.2 84.2
98 36.1 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 41.987 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:180 Resp: 934549
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 30.7 24.2 36.2

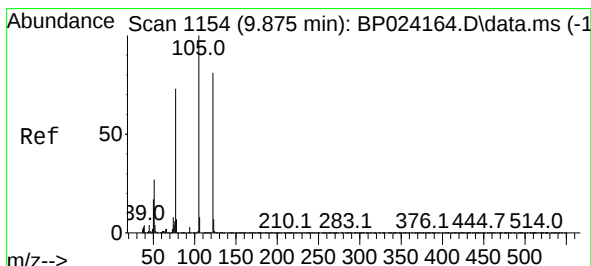
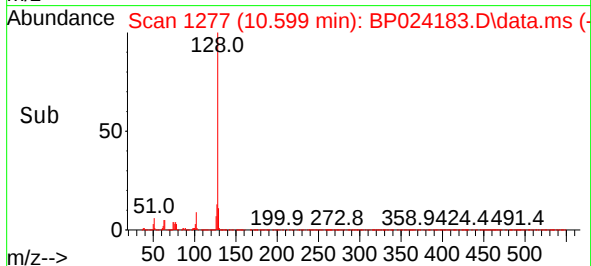
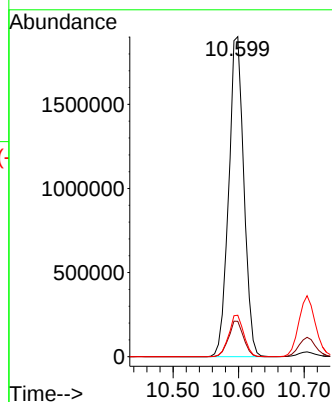
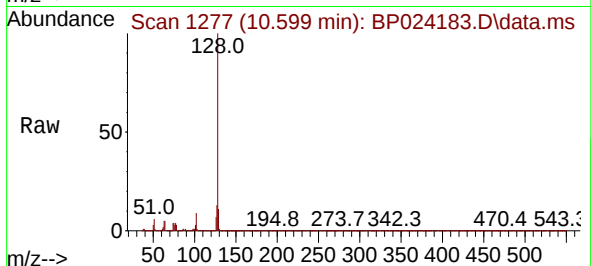




#31
Naphthalene
Concen: 41.518 ng
RT: 10.599 min Scan# 11277
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

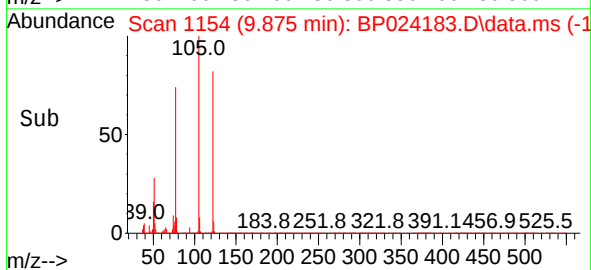
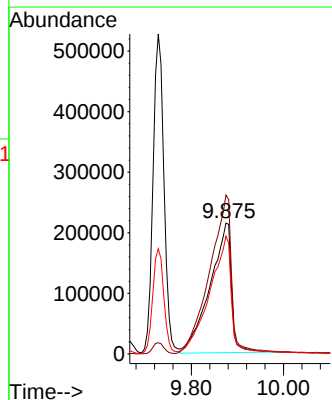
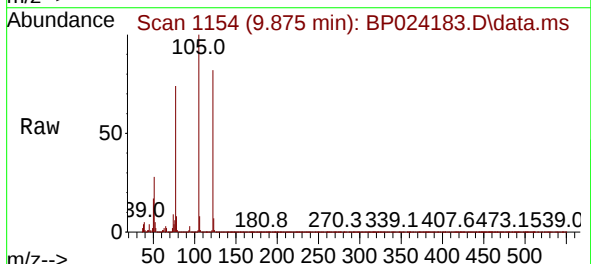
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

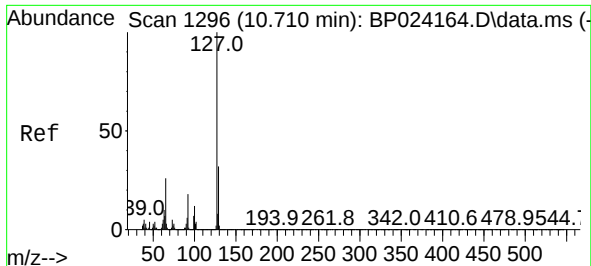
Tgt Ion:128 Resp: 3051963
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 47.753 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:122 Resp: 693572
Ion Ratio Lower Upper
122 100
105 121.4 100.3 140.3
77 90.0 69.1 109.1





#33

4-Chloroaniline

Concen: 24.694 ng

RT: 10.704 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

Tgt Ion:127 Resp: 649602

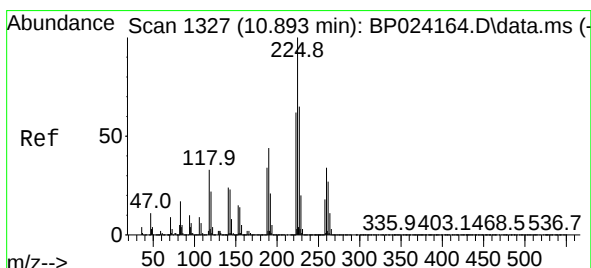
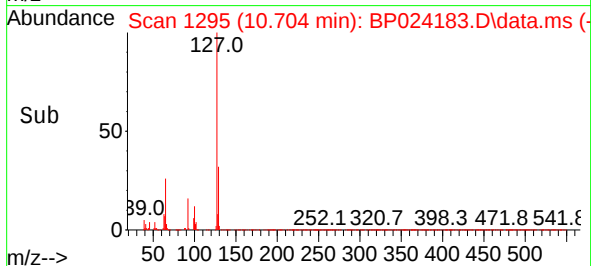
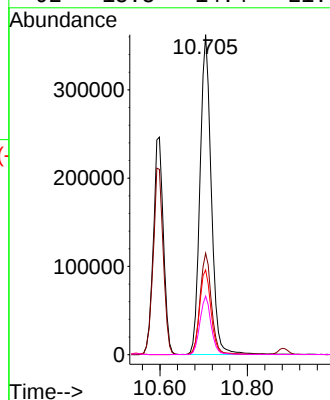
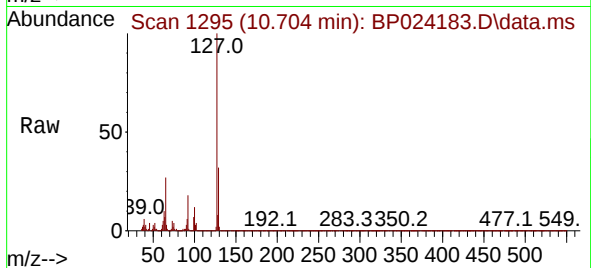
Ion Ratio Lower Upper

127 100

129 31.7 25.8 38.6

65 26.5 21.2 31.8

92 18.3 14.4 21.6



#34

Hexachlorobutadiene

Concen: 42.934 ng

RT: 10.881 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

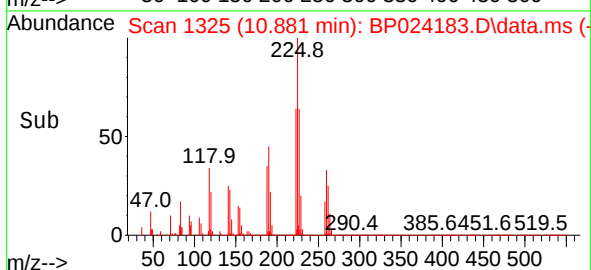
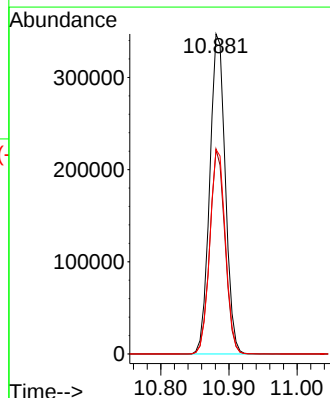
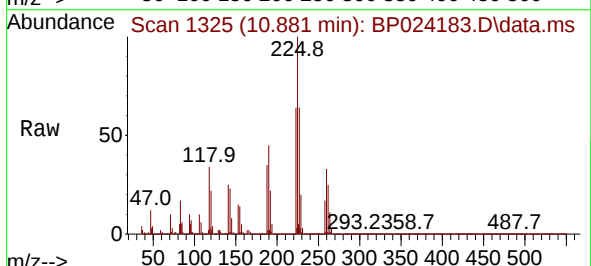
Tgt Ion:225 Resp: 549988

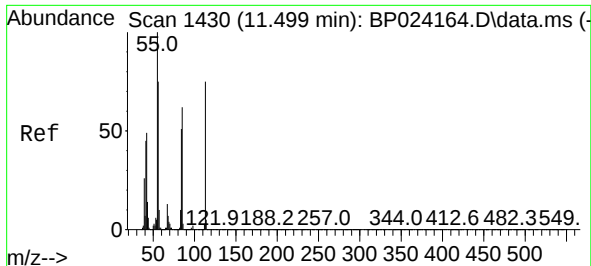
Ion Ratio Lower Upper

225 100

223 64.0 49.9 74.9

227 63.9 52.2 78.2





#35

Caprolactam

Concen: 51.379 ng

RT: 11.493 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

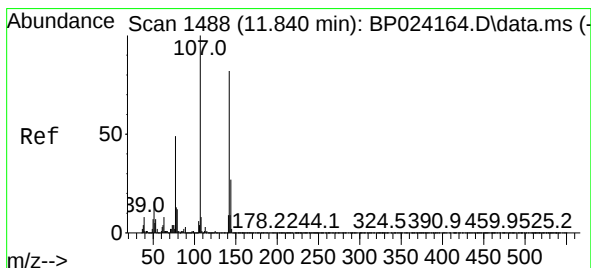
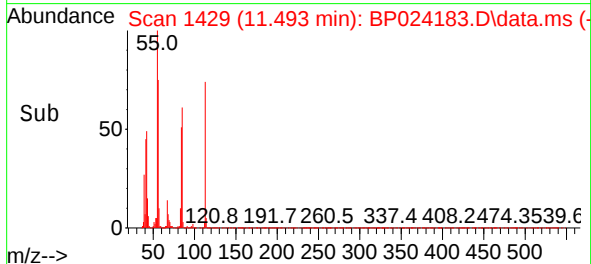
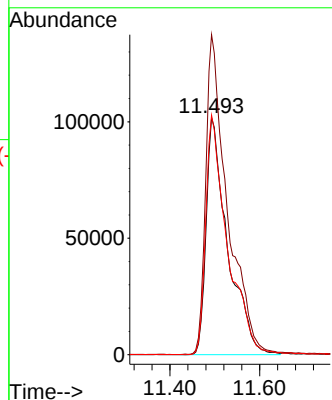
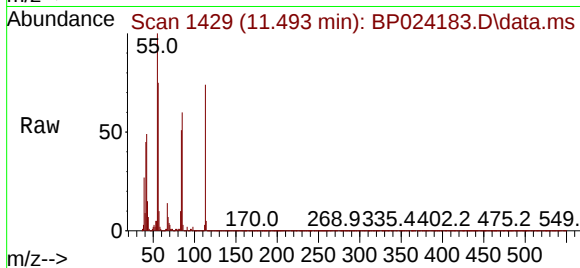
Tgt Ion:113 Resp: 339239

Ion Ratio Lower Upper

113 100

55 135.0 113.6 153.6

56 101.1 80.0 120.0



#36

4-Chloro-3-methylphenol

Concen: 44.829 ng

RT: 11.840 min Scan# 1488

Delta R.T. -0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

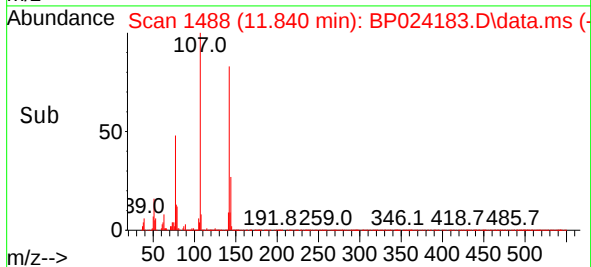
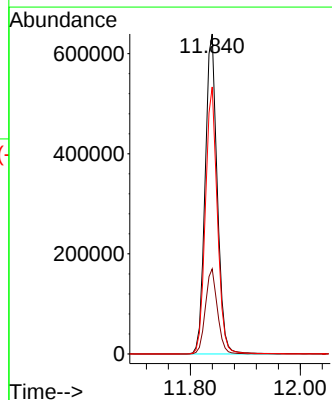
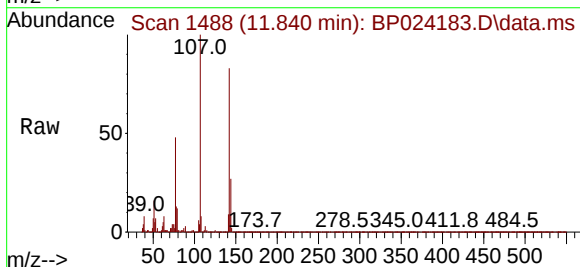
Tgt Ion:107 Resp: 974278

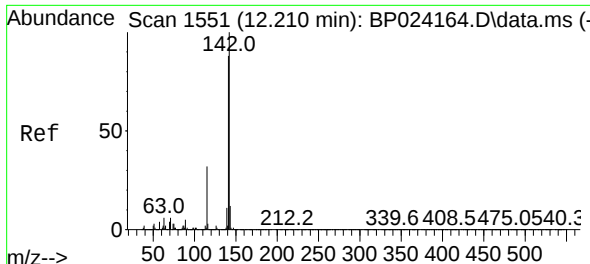
Ion Ratio Lower Upper

107 100

144 26.6 21.6 32.4

142 83.5 65.4 98.0

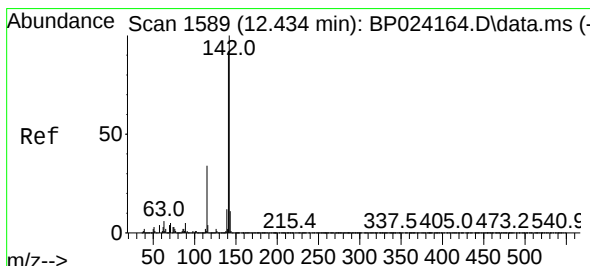
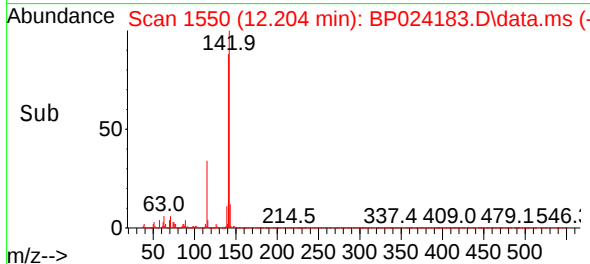
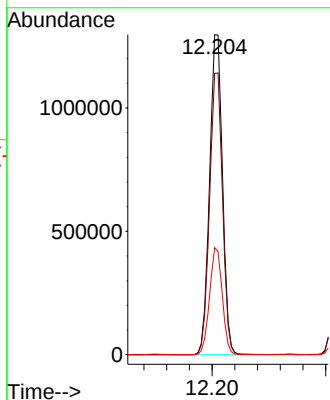
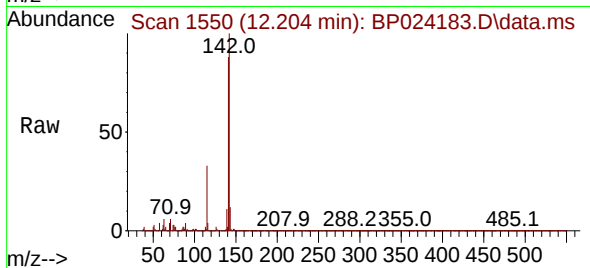




#37
2-Methylnaphthalene
Concen: 40.952 ng
RT: 12.204 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

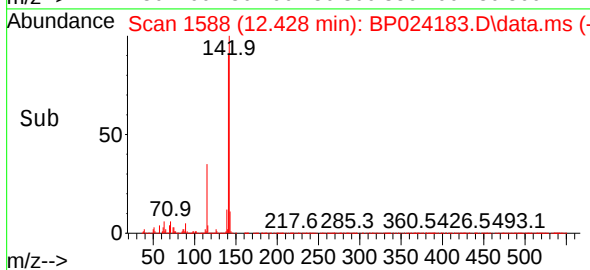
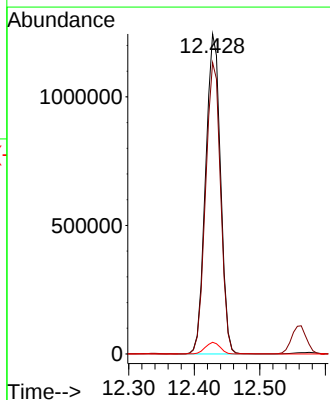
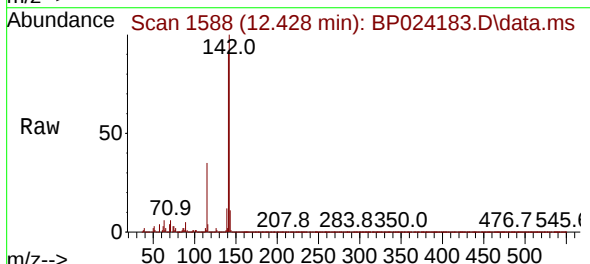
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

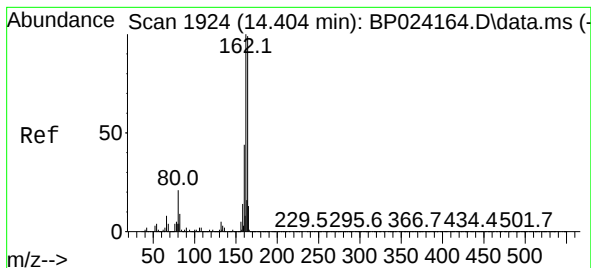
Tgt Ion:142 Resp: 2033708
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 33.5 26.0 39.0



#38
1-Methylnaphthalene
Concen: 40.764 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:142 Resp: 1968954
Ion Ratio Lower Upper
142 100
141 91.0 73.9 110.9
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

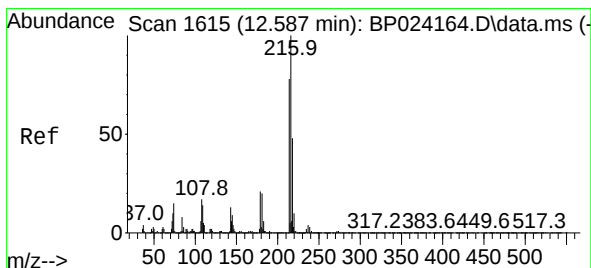
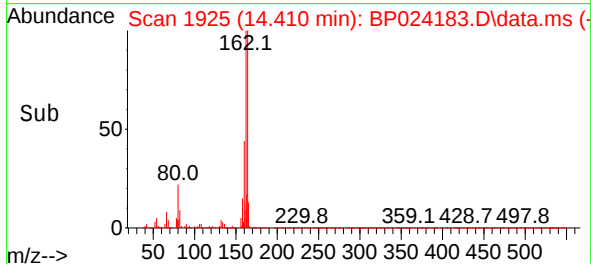
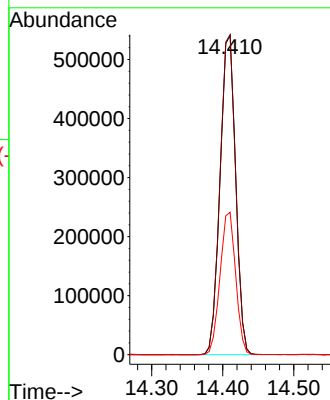
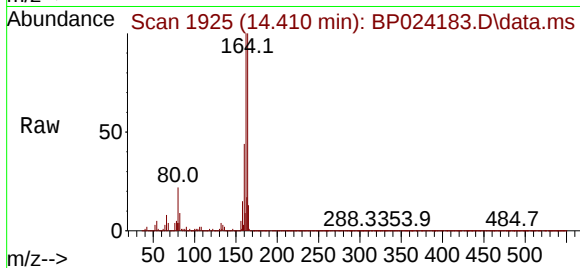
Tgt Ion:164 Resp: 818395

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

160 44.6 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.278 ng

RT: 12.581 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Tgt Ion:216 Resp: 1142125

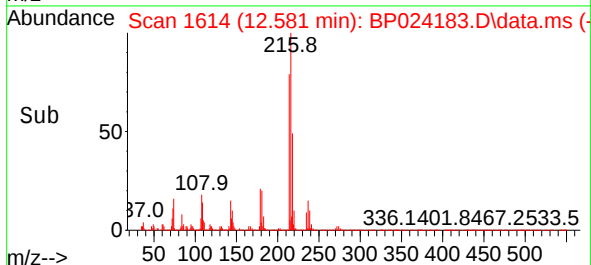
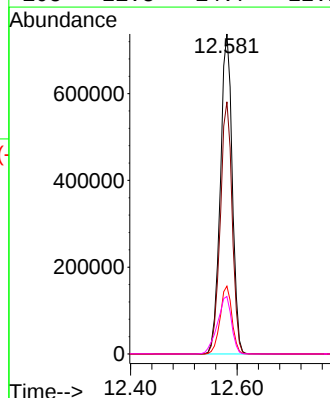
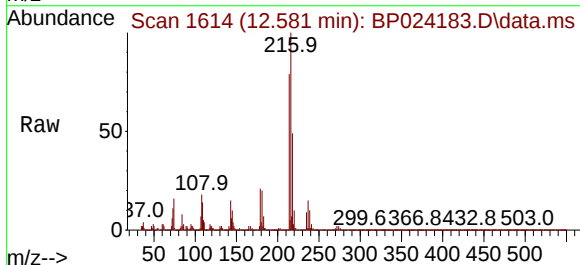
Ion Ratio Lower Upper

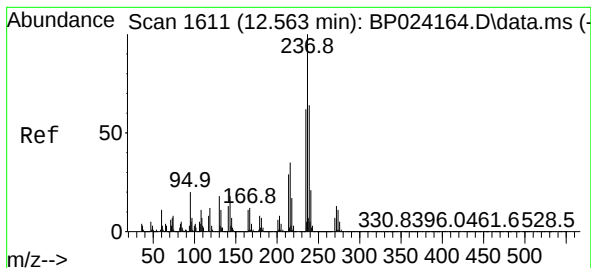
216 100

214 78.7 62.8 94.2

179 21.1 16.8 25.2

108 21.3 14.7 22.1

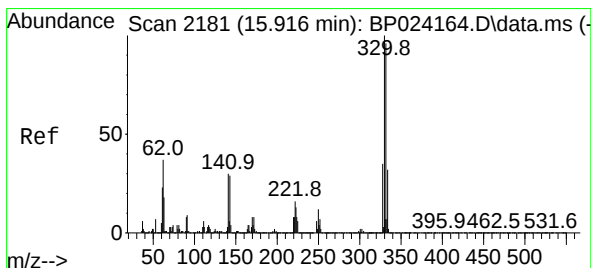
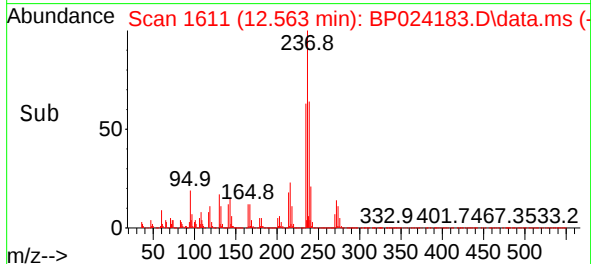
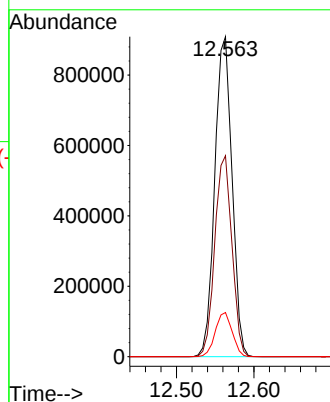
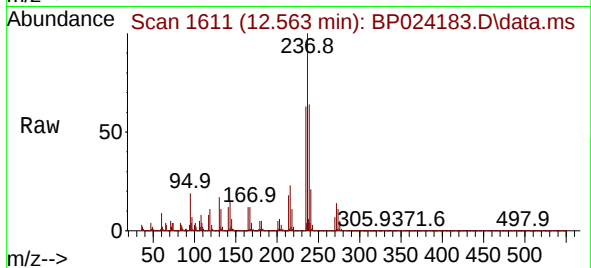




#41
Hexachlorocyclopentadiene
Concen: 164.572 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

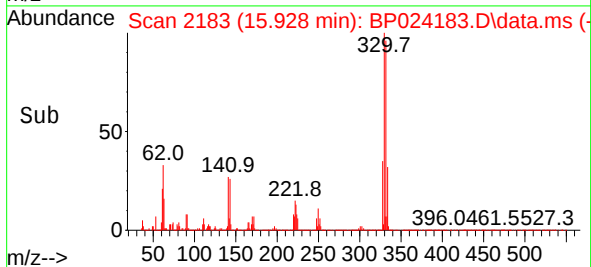
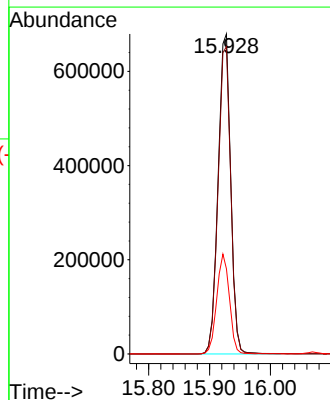
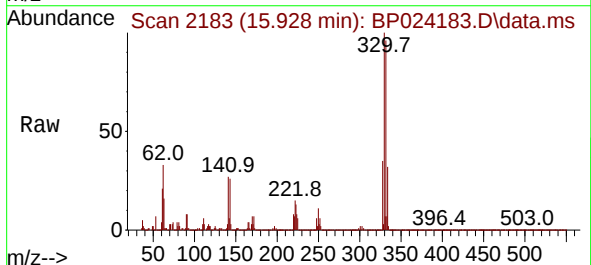
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

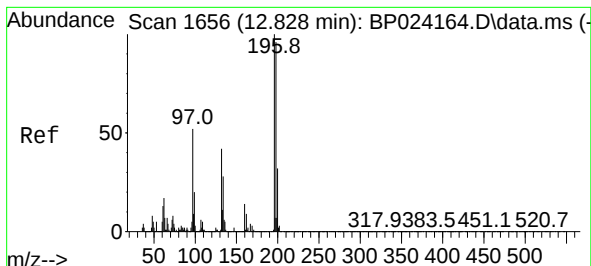
Tgt Ion:237 Resp: 1403416
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 94.385 ng
RT: 15.928 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:330 Resp: 972987
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 31.3 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 46.607 ng

RT: 12.822 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

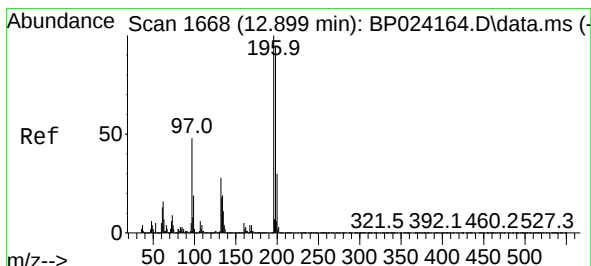
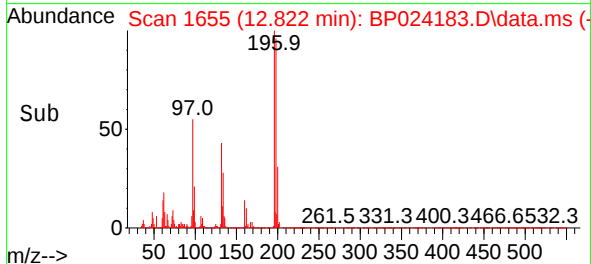
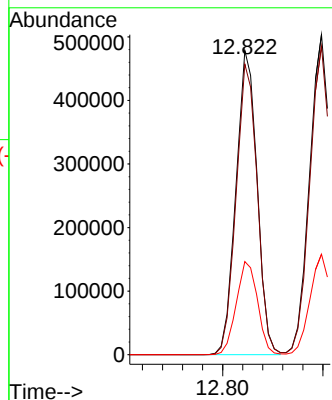
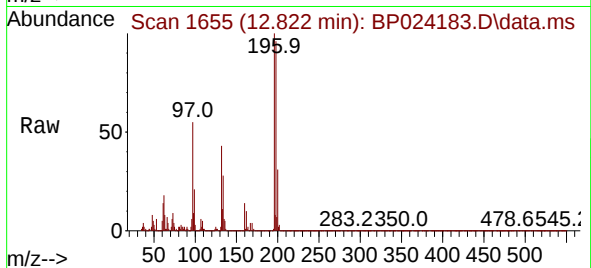
Tgt Ion:196 Resp: 700729

Ion Ratio Lower Upper

196 100

198 95.5 76.6 115.0

200 30.6 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 46.531 ng

RT: 12.899 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Tgt Ion:196 Resp: 767218

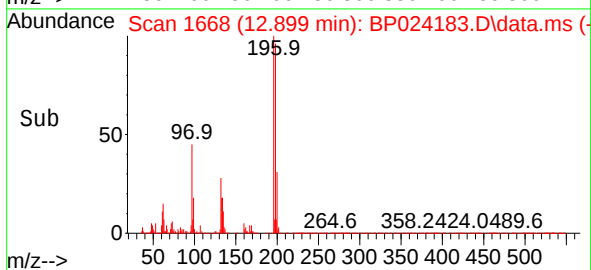
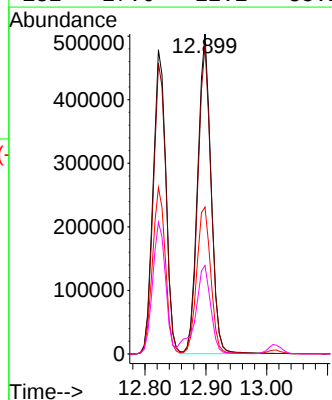
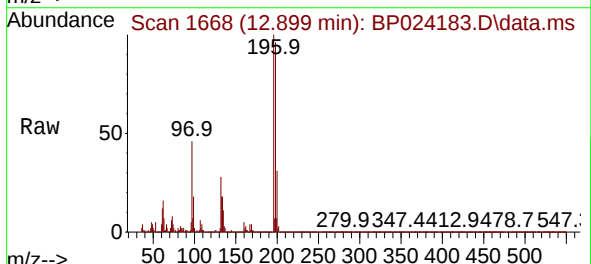
Ion Ratio Lower Upper

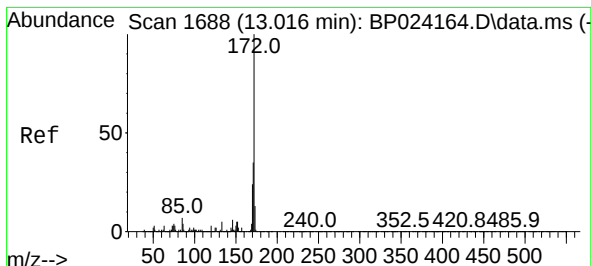
196 100

198 96.4 76.5 114.7

97 45.9 38.7 58.1

132 27.6 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 92.786 ng

RT: 13.010 min Scan# 1688

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

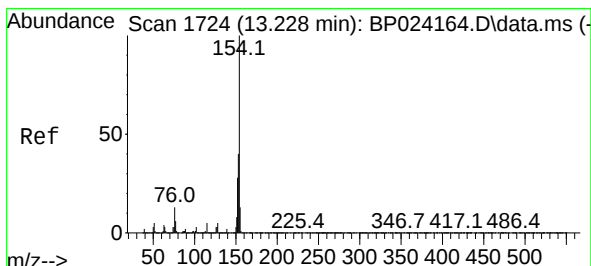
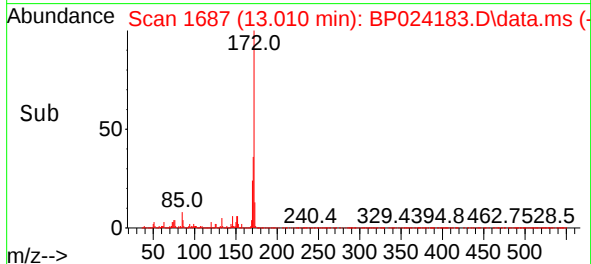
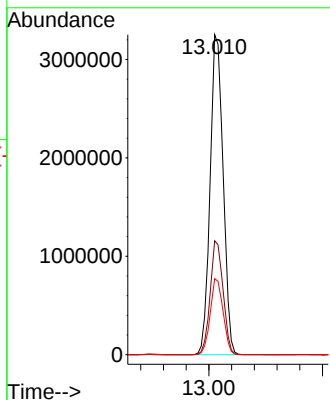
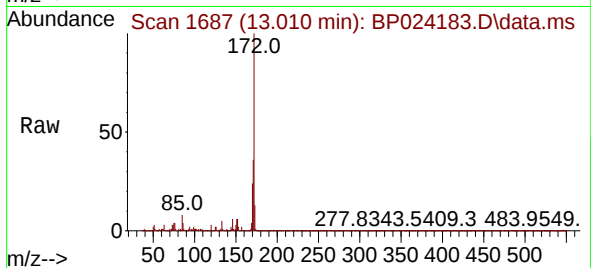
Tgt Ion:172 Resp: 5149836

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.887 ng

RT: 13.228 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

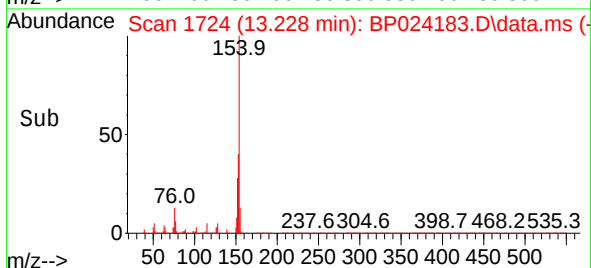
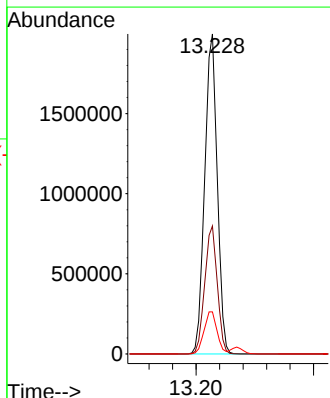
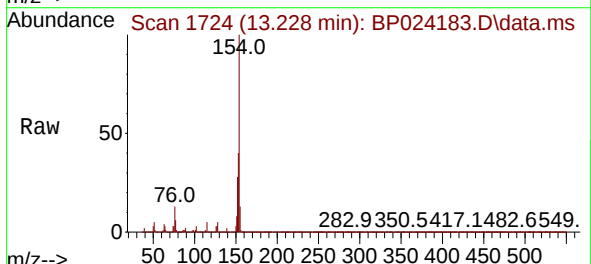
Tgt Ion:154 Resp: 2944997

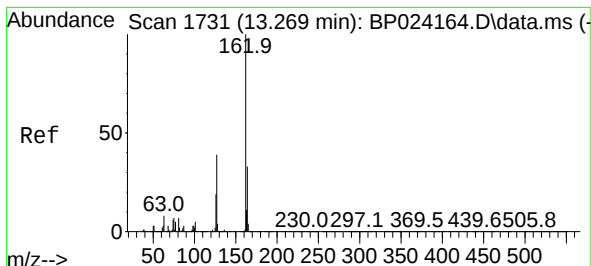
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 13.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 44.193 ng

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

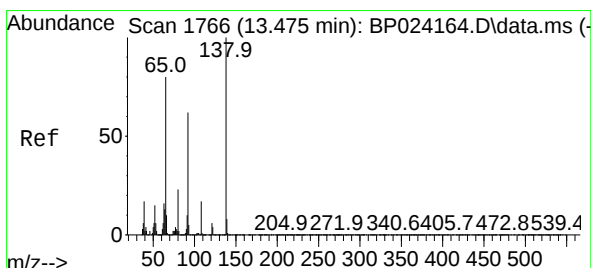
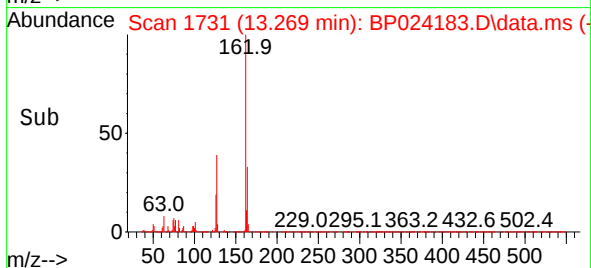
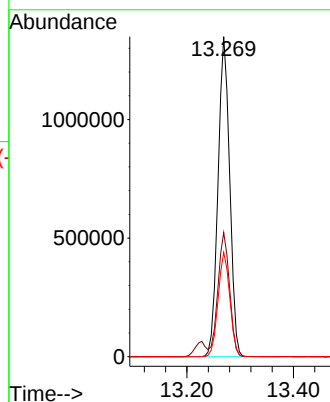
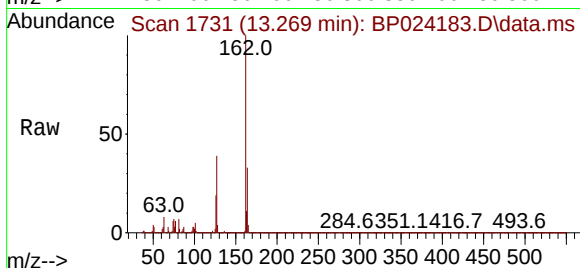
Tgt Ion:162 Resp: 2044262

Ion Ratio Lower Upper

162 100

127 38.8 31.5 47.3

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 48.307 ng

RT: 13.469 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

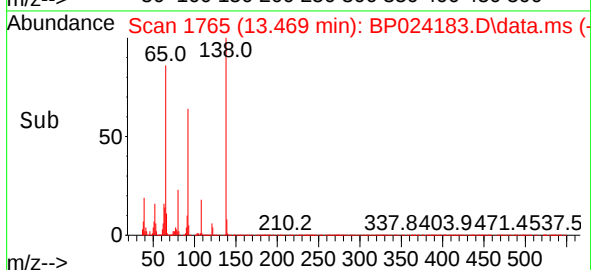
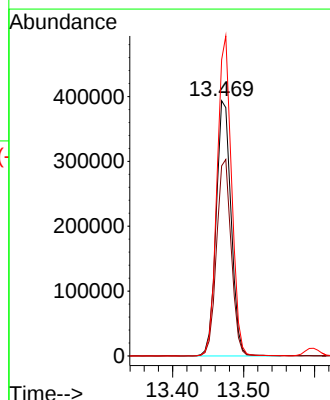
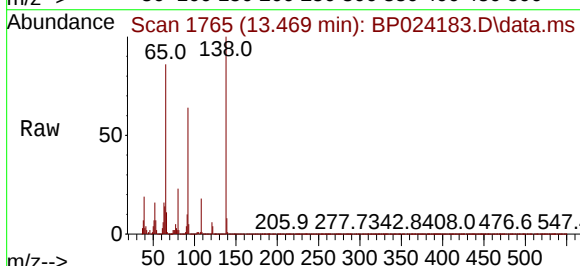
Tgt Ion: 65 Resp: 571533

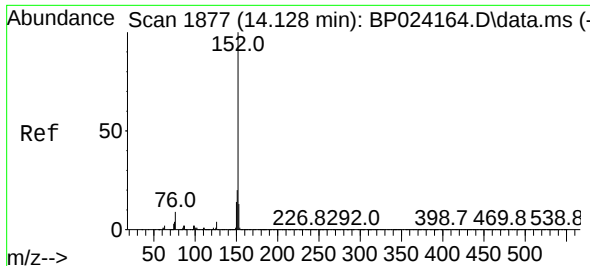
Ion Ratio Lower Upper

65 100

92 74.5 62.1 93.1

138 116.1 99.5 149.3

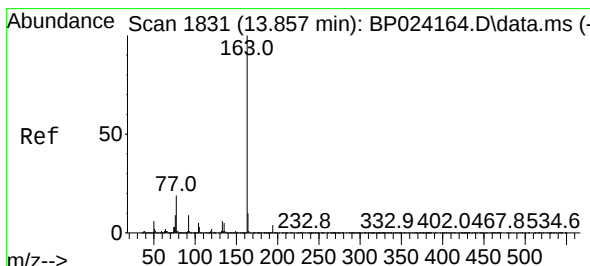
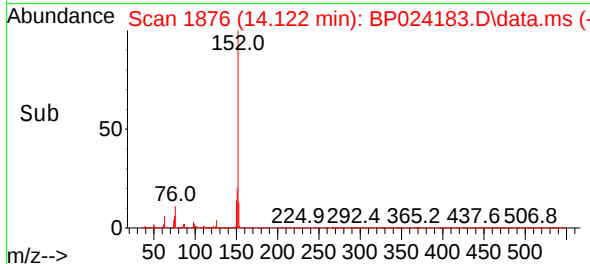
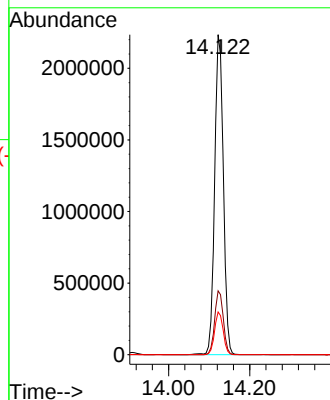
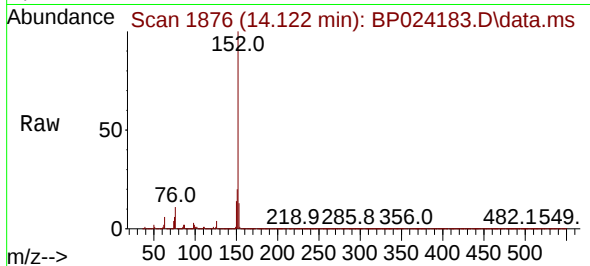




#49
Acenaphthylene
Concen: 47.170 ng
RT: 14.122 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

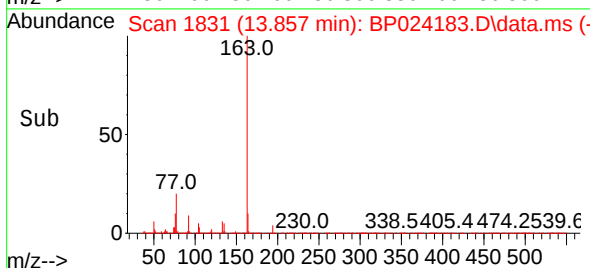
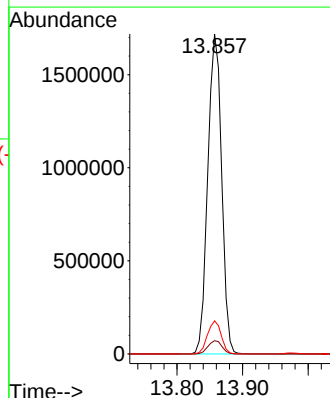
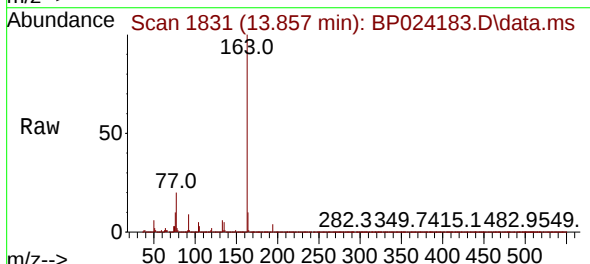
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

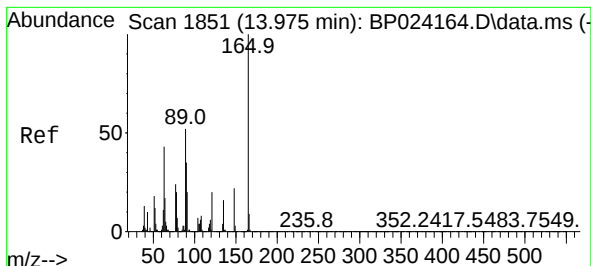
Tgt Ion:152 Resp: 3301536
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 44.108 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:163 Resp: 2525828
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.4

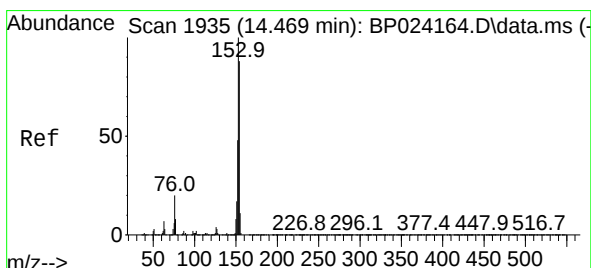
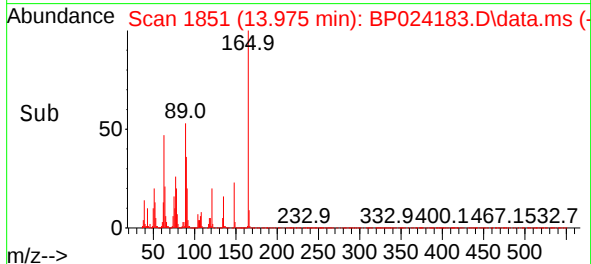
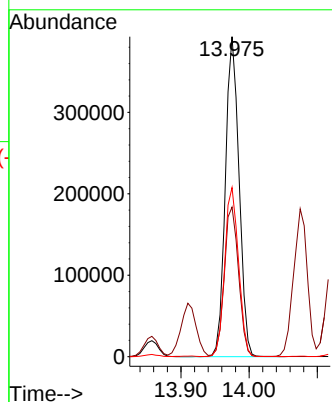
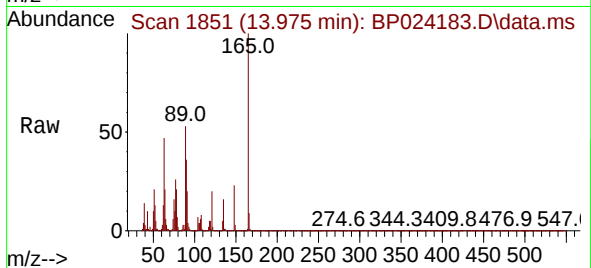




#51
2,6-Dinitrotoluene
Concen: 45.506 ng
RT: 13.975 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

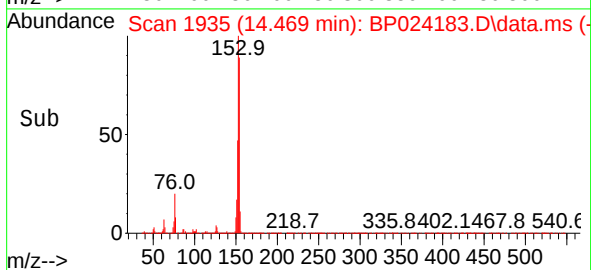
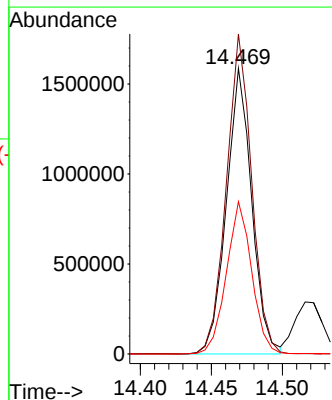
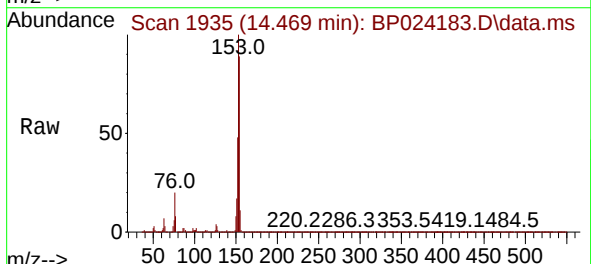
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

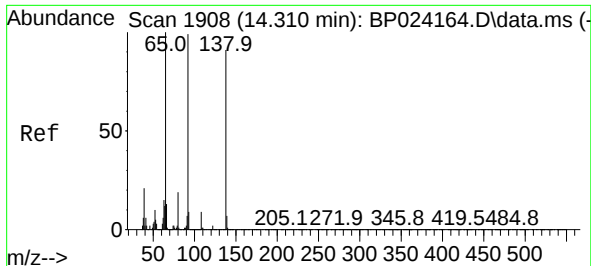
Tgt Ion:165 Resp: 548291
Ion Ratio Lower Upper
165 100
63 46.7 37.7 56.5
89 52.9 41.9 62.9



#52
Acenaphthene
Concen: 44.037 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:154 Resp: 1969345
Ion Ratio Lower Upper
154 100
153 112.1 90.5 135.7
152 53.3 43.1 64.7

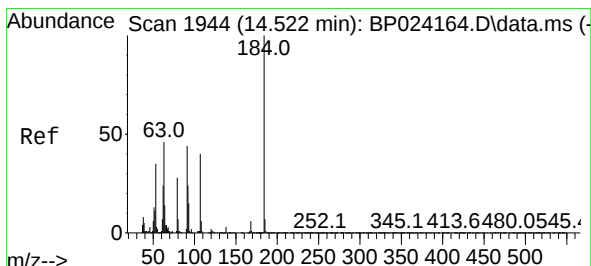
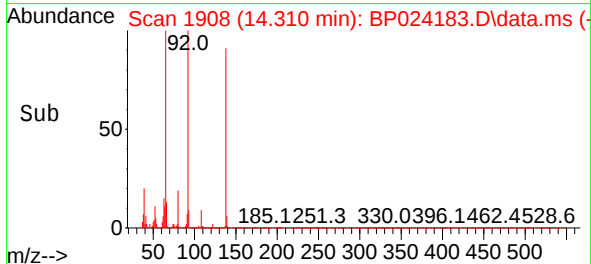
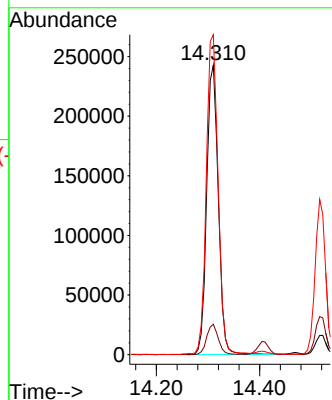
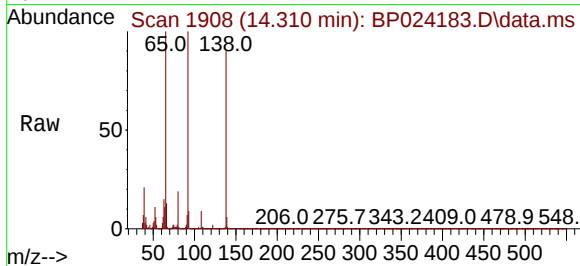




#53
3-Nitroaniline
Concen: 29.074 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

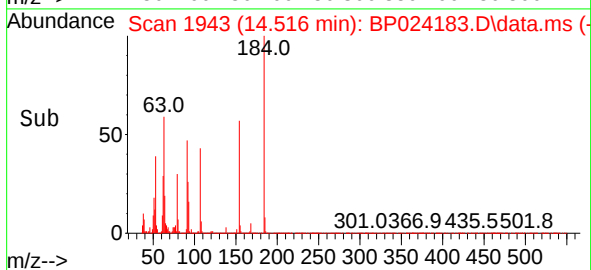
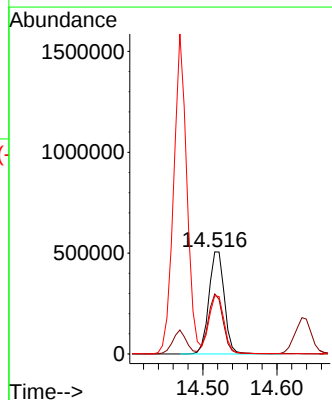
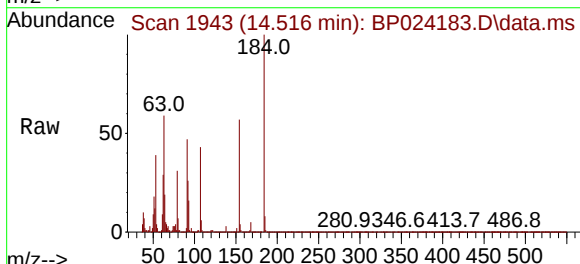
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

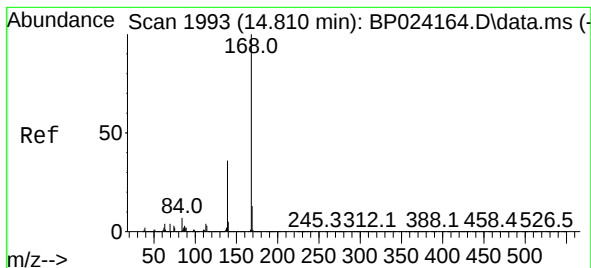
Tgt Ion:138 Resp: 378357
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 110.5 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 115.620 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:184 Resp: 737117
Ion Ratio Lower Upper
184 100
63 58.8 42.1 63.1
154 57.0 44.6 67.0





#55

Dibenzenofuran

Concen: 42.178 ng

RT: 14.810 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

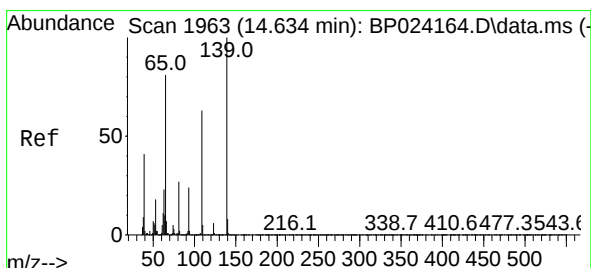
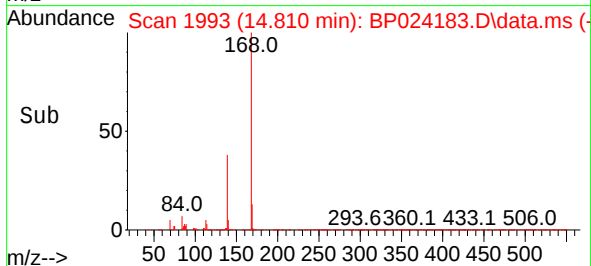
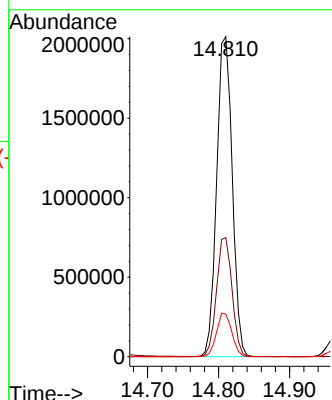
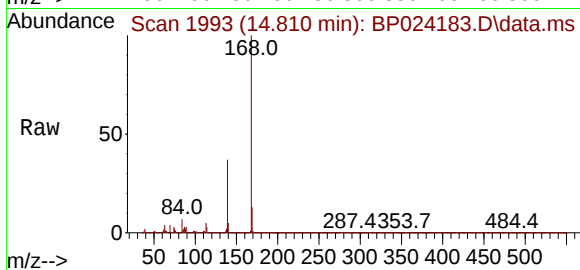
Tgt Ion:168 Resp: 3055341

Ion Ratio Lower Upper

168 100

139 37.2 29.1 43.7

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 107.311 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

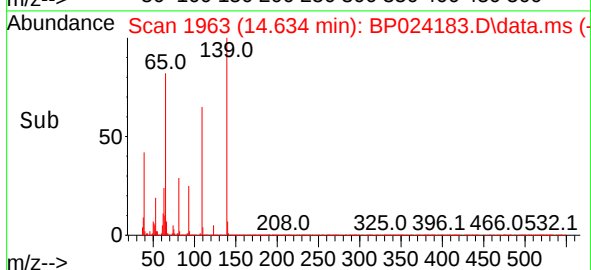
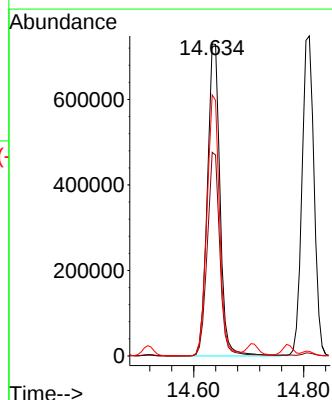
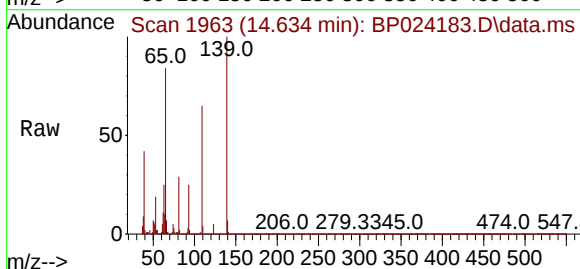
Tgt Ion:139 Resp: 1166869

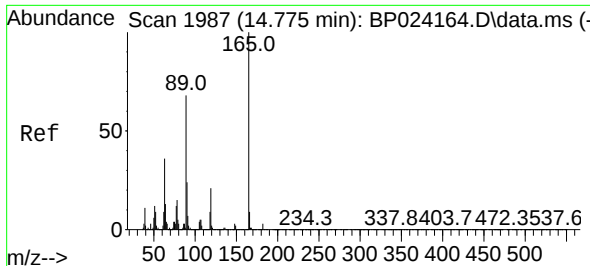
Ion Ratio Lower Upper

139 100

109 65.3 43.3 83.3

65 83.7 61.2 101.2

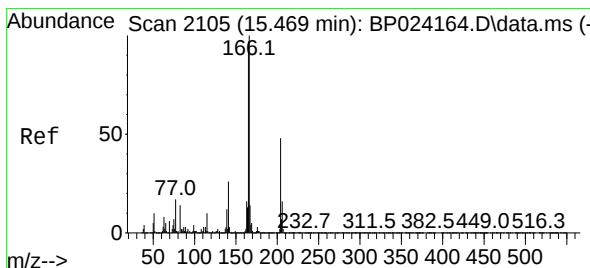
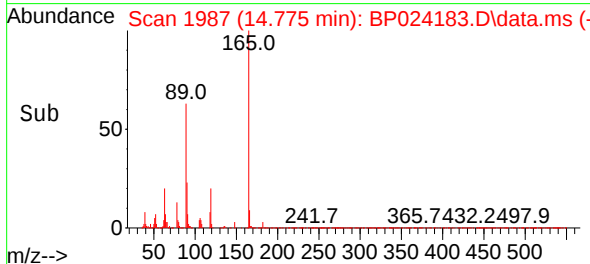
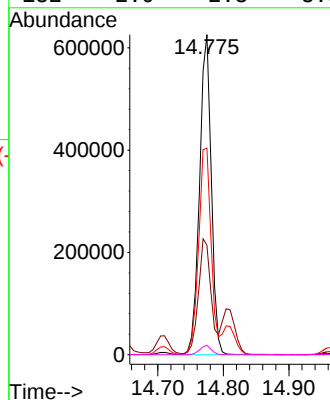
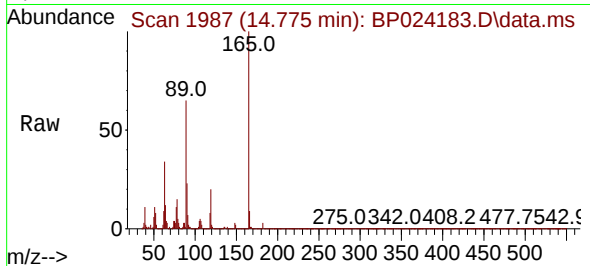




#57
2,4-Dinitrotoluene
Concen: 49.122 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

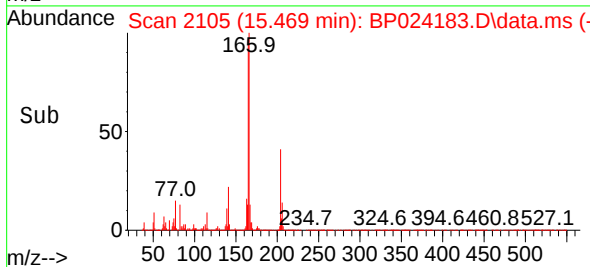
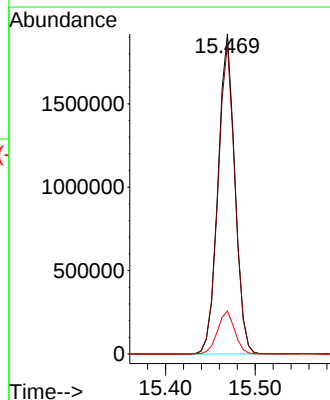
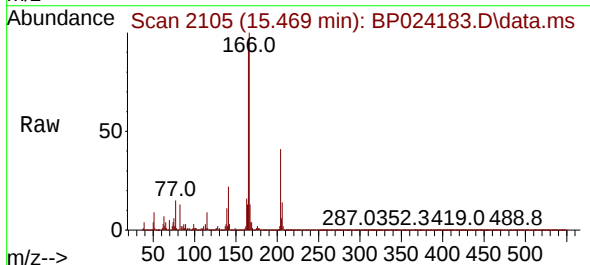
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

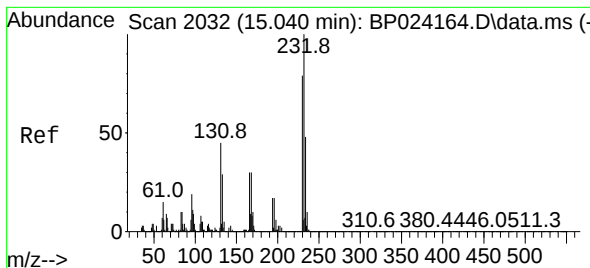
Tgt Ion:	165	Resp:	781794
Ion	Ratio	Lower	Upper
165	100		
63	34.2	29.0	43.6
89	64.5	54.2	81.4
182	2.9	2.3	3.5



#58
Fluorene
Concen: 44.490 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:	166	Resp:	2510994
Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.6	116.4
167	13.4	10.8	16.2

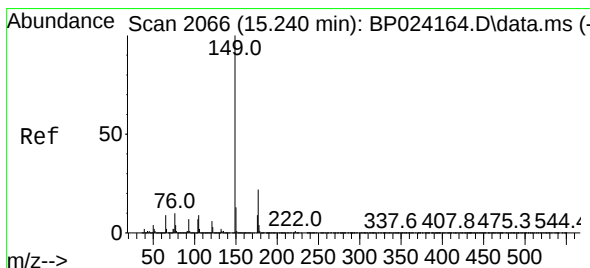
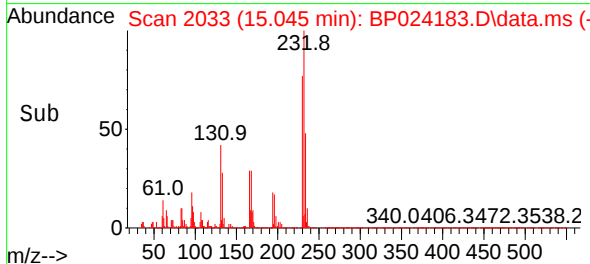
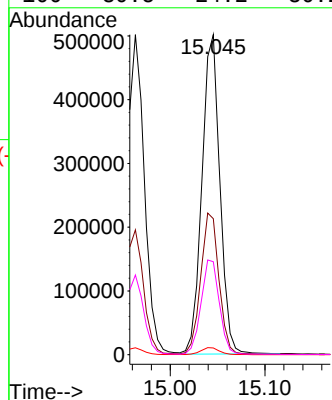
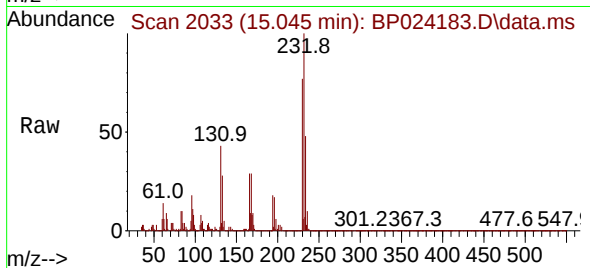




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.153 ng
RT: 15.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

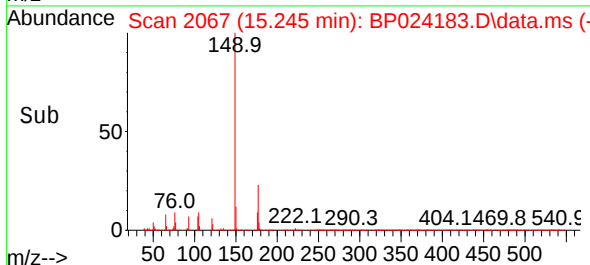
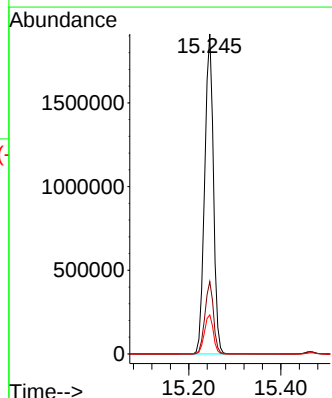
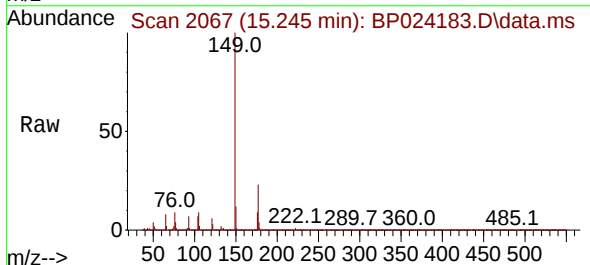
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

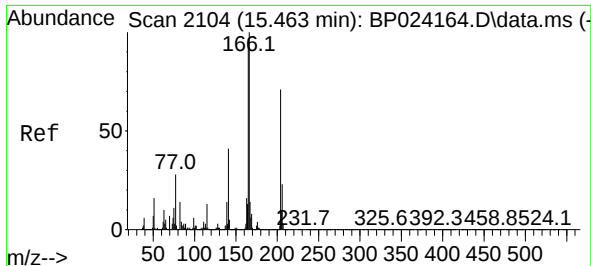
Tgt Ion:232 Resp: 657760
Ion Ratio Lower Upper
232 100
131 45.3 35.9 53.9
130 2.3 1.8 2.6
166 30.5 24.2 36.2



#60
Diethylphthalate
Concen: 44.226 ng
RT: 15.245 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:149 Resp: 2522009
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.2 10.2 15.4

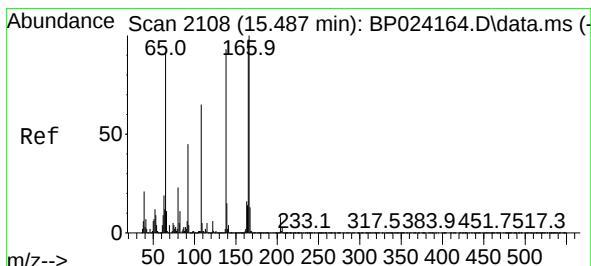
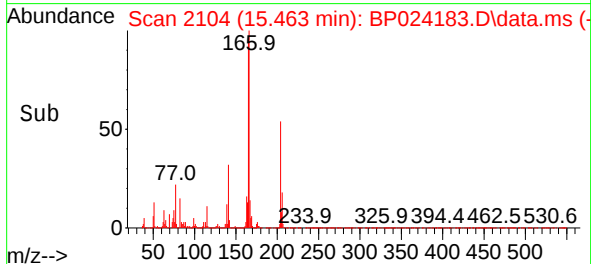
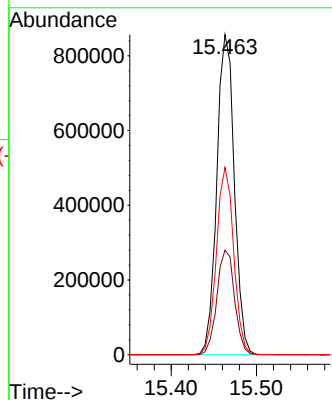
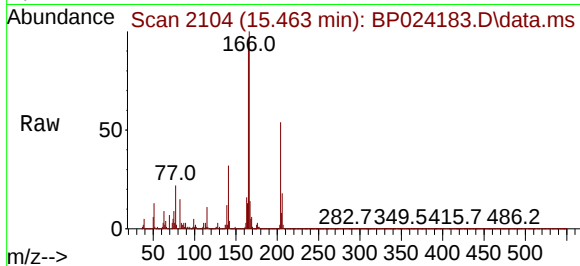




#61
4-Chlorophenyl-phenylether
Concen: 44.258 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

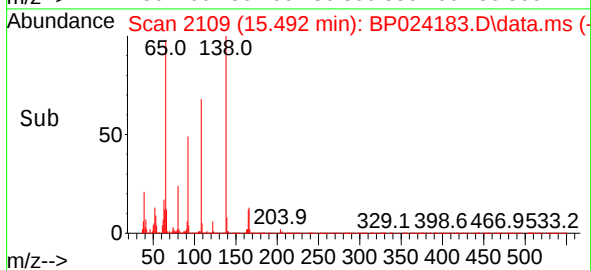
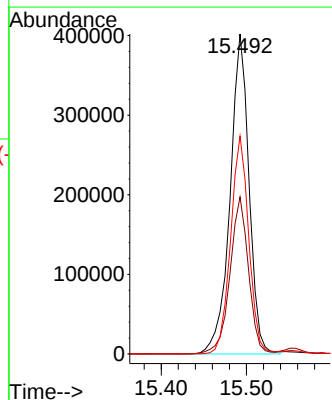
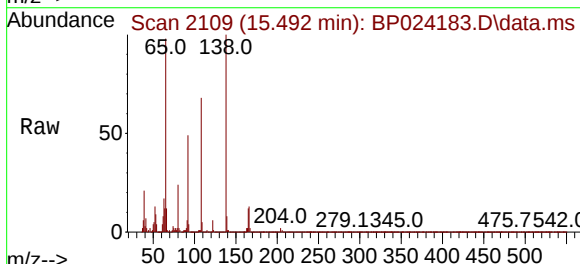
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

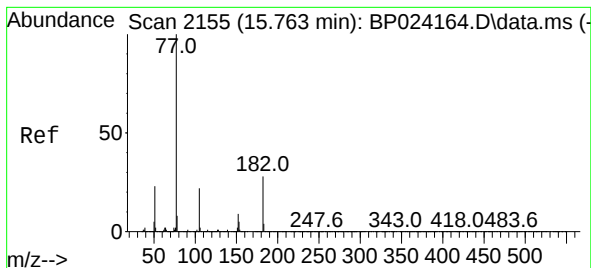
Tgt Ion:204 Resp: 1225154
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.6 45.8 68.8



#62
4-Nitroaniline
Concen: 45.452 ng
RT: 15.492 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:138 Resp: 620361
Ion Ratio Lower Upper
138 100
92 49.0 28.7 68.7
108 68.0 49.5 89.5





#63

Azobenzene

Concen: 44.450 ng

RT: 15.763 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

Tgt Ion: 77 Resp: 2389125

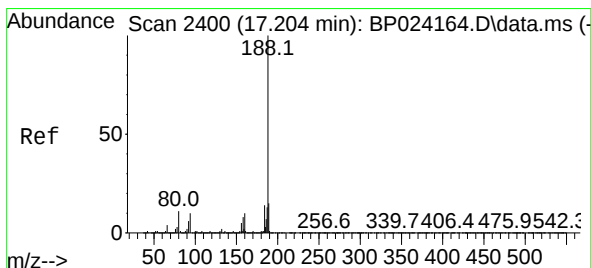
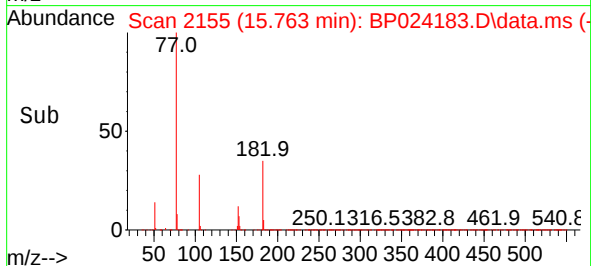
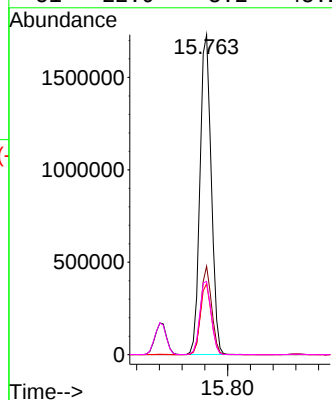
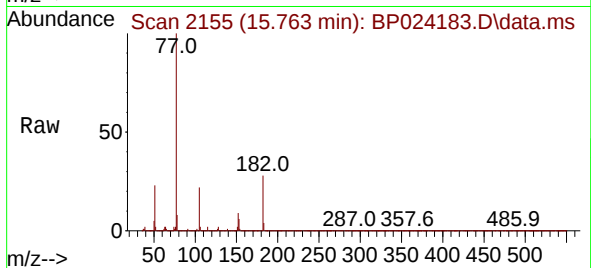
Ion Ratio Lower Upper

77 100

182 27.7 7.7 47.7

105 22.2 2.3 42.3

51 22.9 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

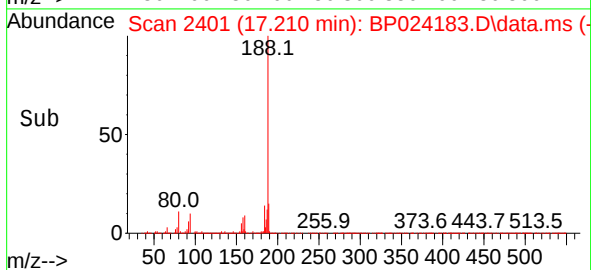
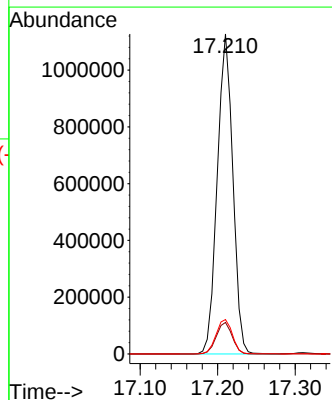
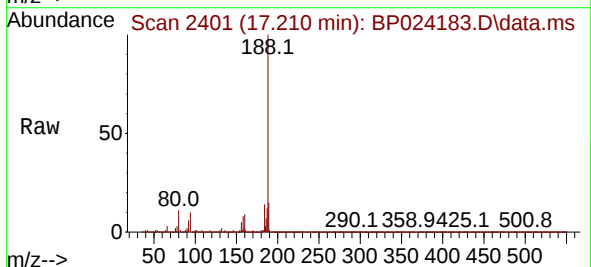
Tgt Ion:188 Resp: 1574850

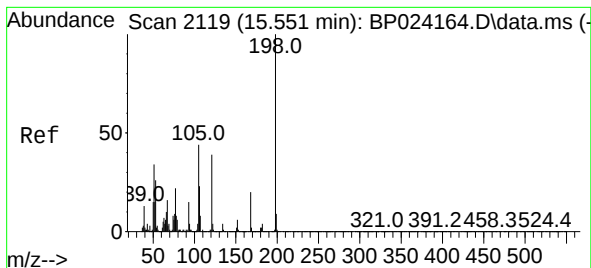
Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

80 10.8 8.9 13.3

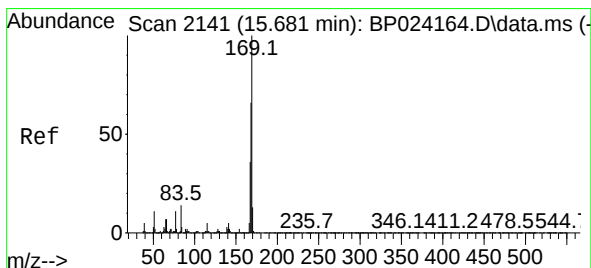
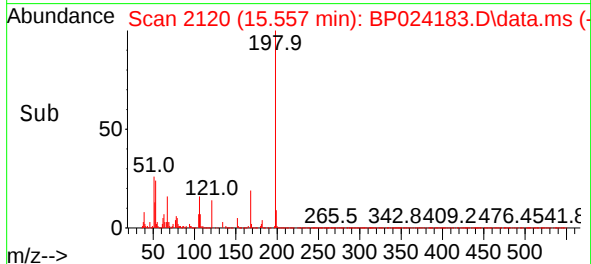
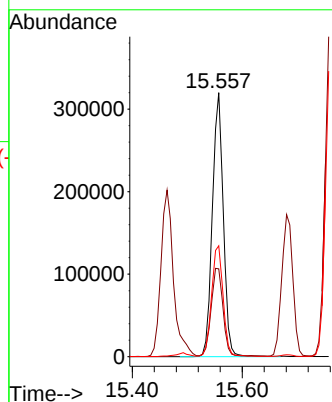
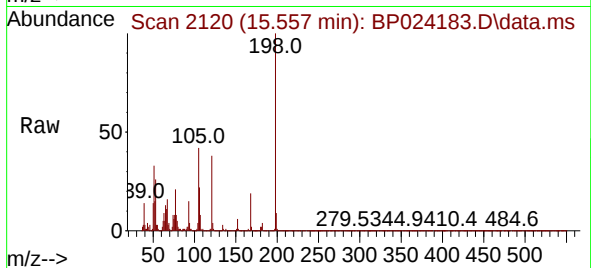




#65
4,6-Dinitro-2-methylphenol
Concen: 47.387 ng
RT: 15.557 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

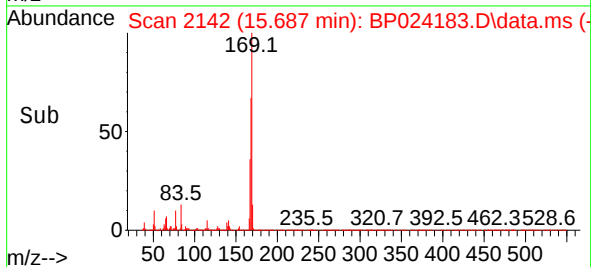
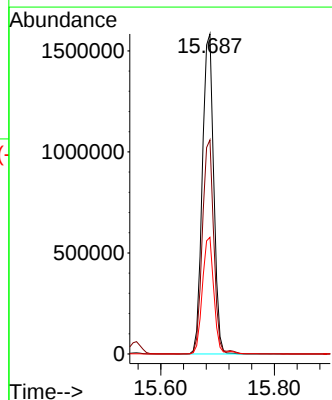
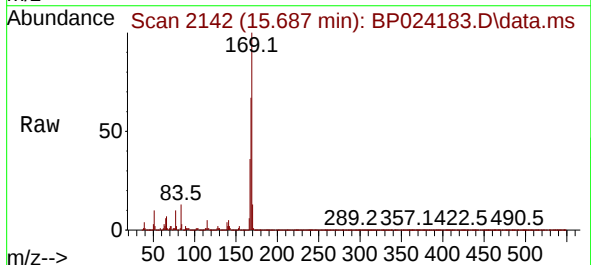
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

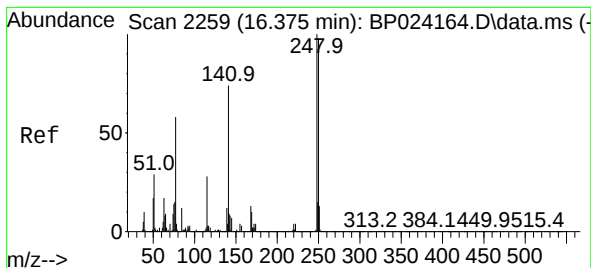
Tgt Ion:198 Resp: 443037
Ion Ratio Lower Upper
198 100
51 33.3 14.7 54.7
105 42.0 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 45.959 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:169 Resp: 2197871
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.5 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 43.843 ng

RT: 16.381 min Scan# 2259

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

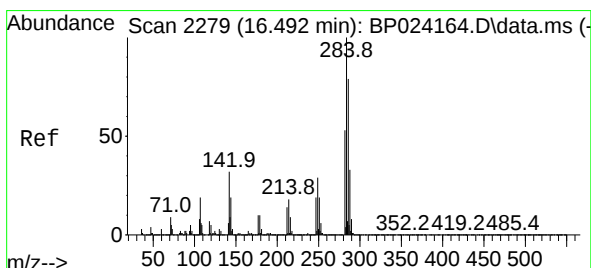
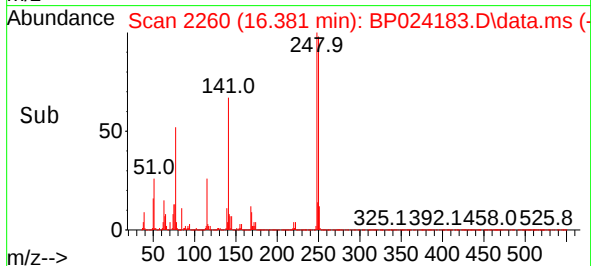
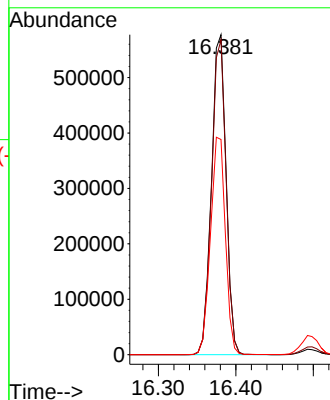
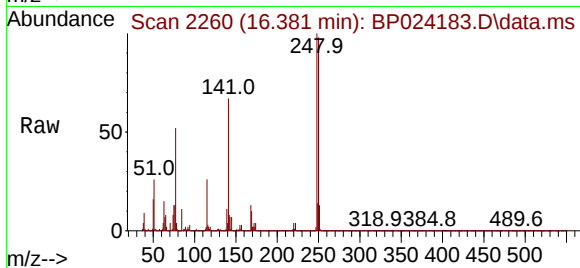
Tgt Ion:248 Resp: 758063

Ion Ratio Lower Upper

248 100

250 98.4 78.4 117.6

141 67.3 59.4 89.0



#68

Hexachlorobenzene

Concen: 44.036 ng

RT: 16.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

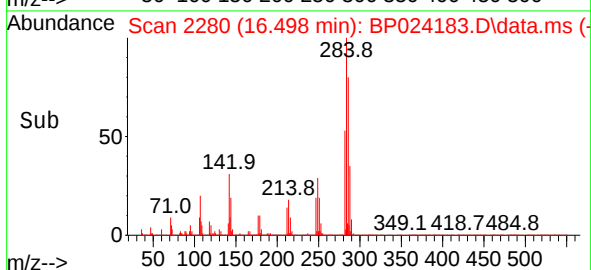
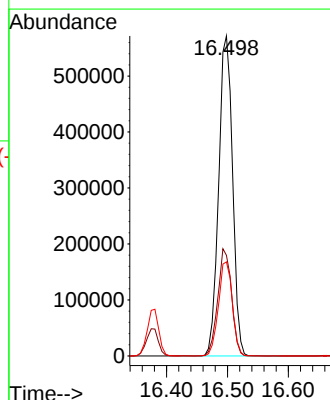
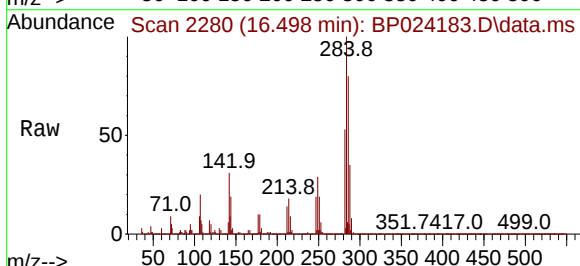
Tgt Ion:284 Resp: 901194

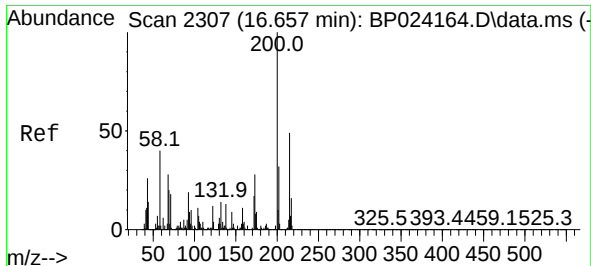
Ion Ratio Lower Upper

284 100

142 31.4 25.4 38.2

249 29.4 23.5 35.3

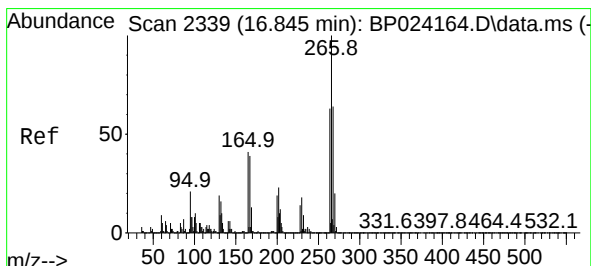
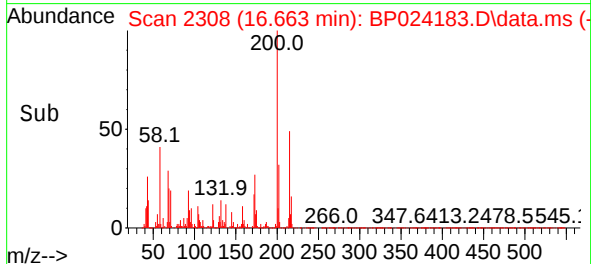
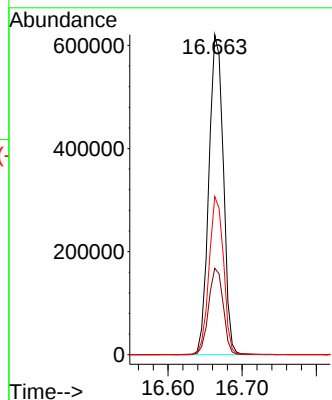
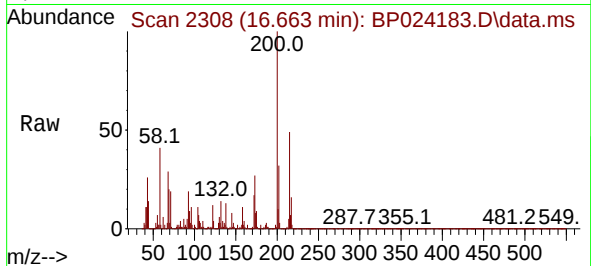




#69
 Atrazine
 Concen: 72.875 ng
 RT: 16.663 min Scan# 2308
 Delta R.T. 0.006 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

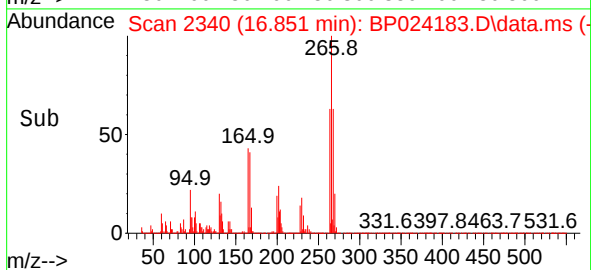
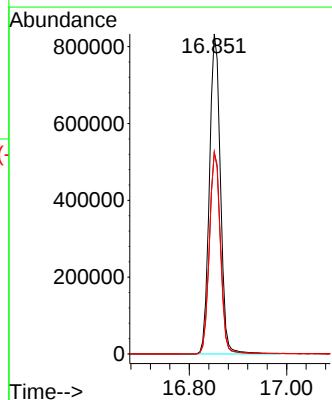
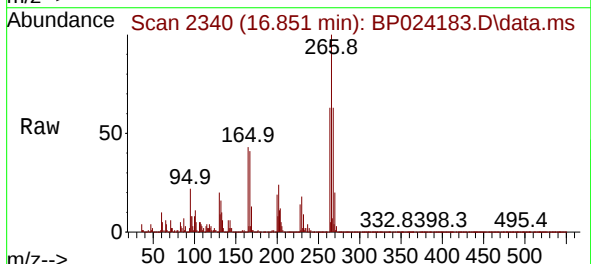
Instrument :
 BNA_P
 ClientSampleId :
 PB167171BSD

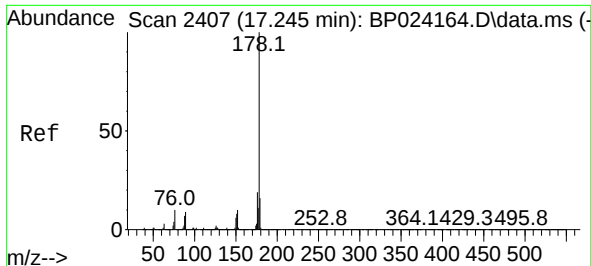
Tgt Ion:200 Resp: 841186
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.6 47.6
 215 49.4 29.0 69.0



#70
 Pentachlorophenol
 Concen: 98.161 ng
 RT: 16.851 min Scan# 2340
 Delta R.T. 0.006 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

Tgt Ion:266 Resp: 1299107
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.3 76.9
 264 63.2 50.6 76.0

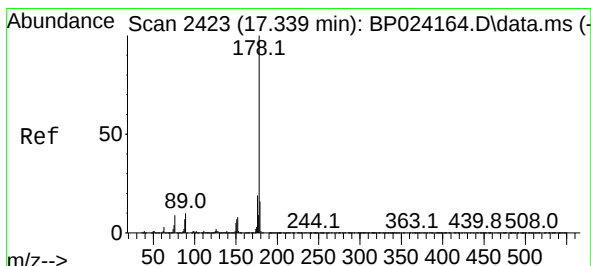
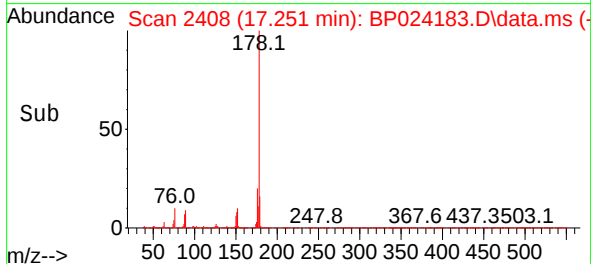
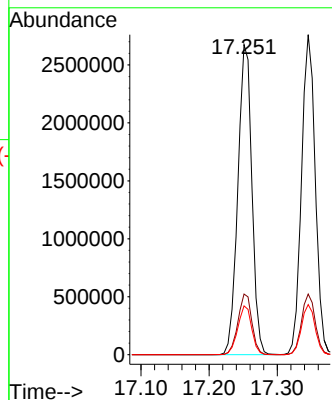
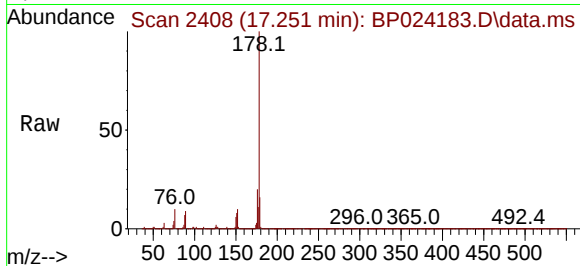




#71
Phenanthrene
Concen: 44.398 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

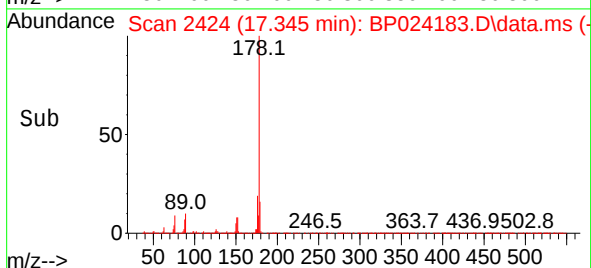
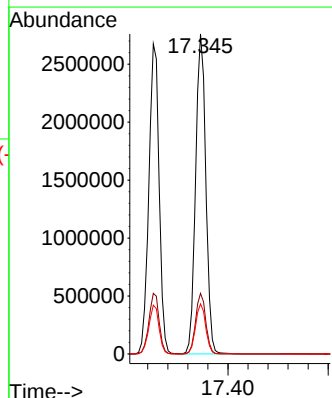
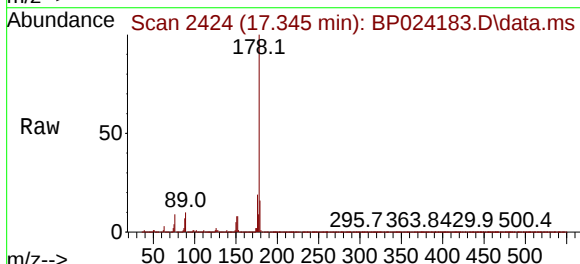
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

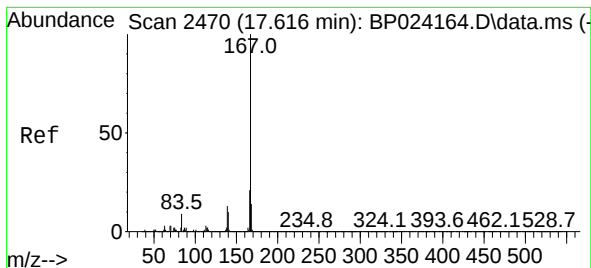
Tgt Ion:178 Resp: 3819730
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 46.422 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:178 Resp: 3889813
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.6 12.6 18.8





#73

Carbazole

Concen: 45.849 ng

RT: 17.622 min Scan# 2470

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

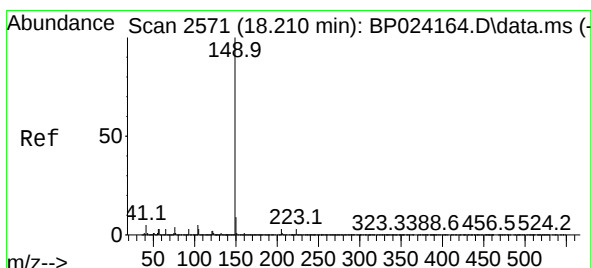
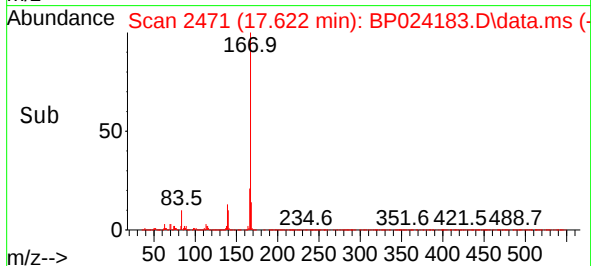
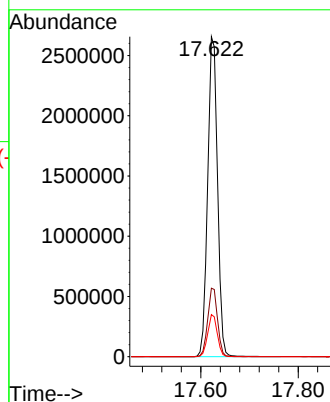
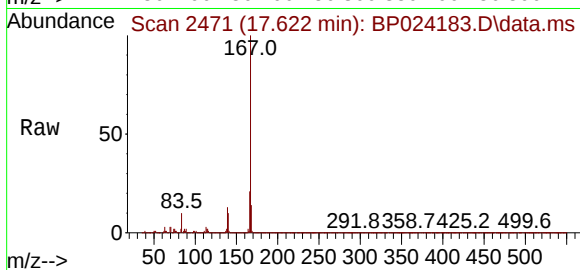
Tgt Ion:167 Resp: 3704990

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 13.2 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.244 ng

RT: 18.222 min Scan# 2573

Delta R.T. 0.012 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

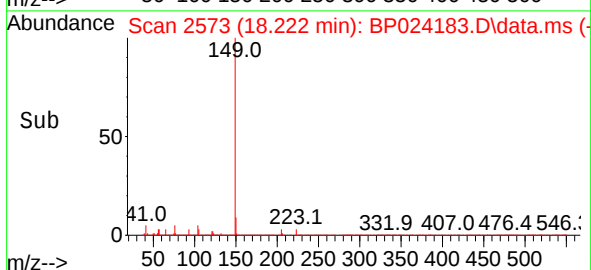
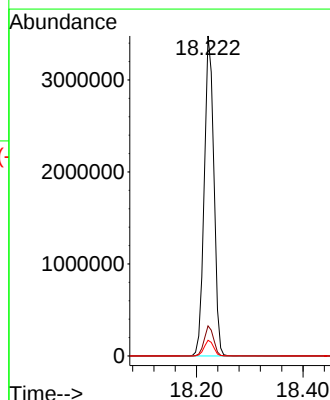
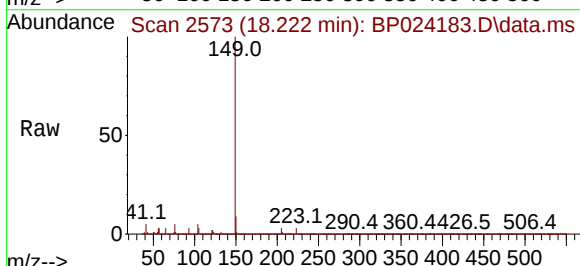
Tgt Ion:149 Resp: 4340190

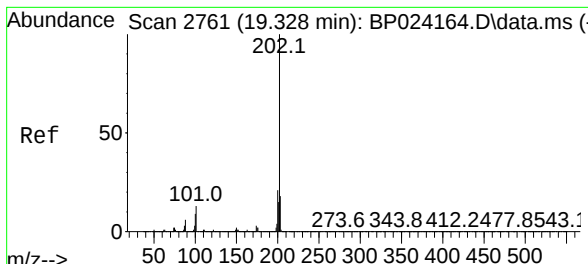
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.9 3.9 5.9



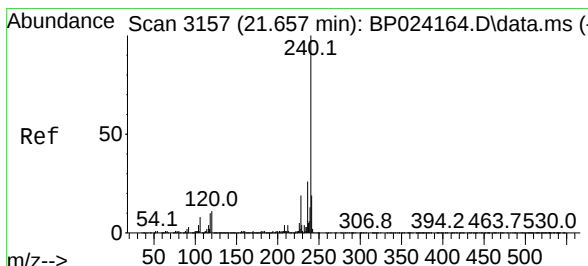
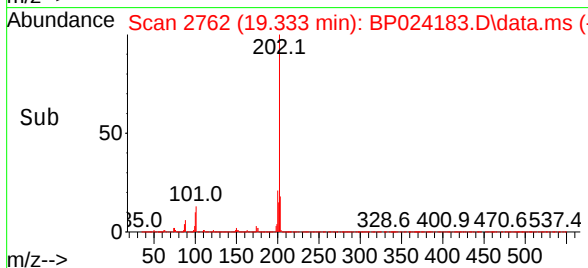
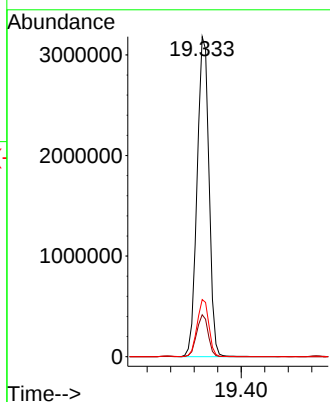
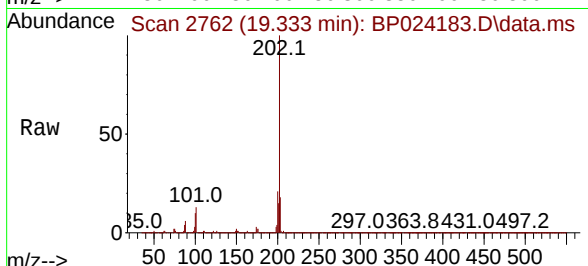


#75
 Fluoranthene
 Concen: 44.675 ng
 RT: 19.333 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BSD

Tgt Ion:202 Resp: 4451462

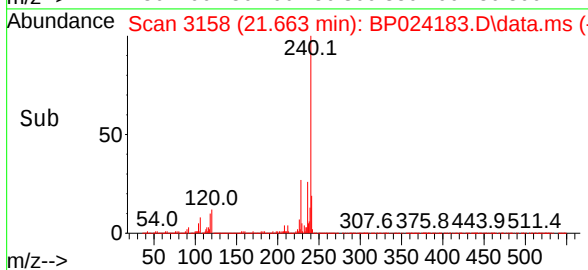
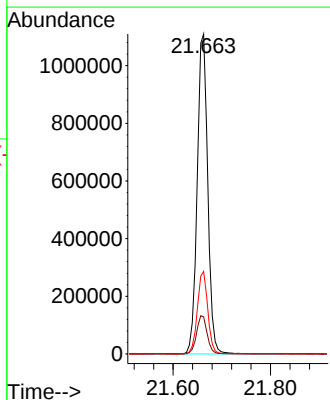
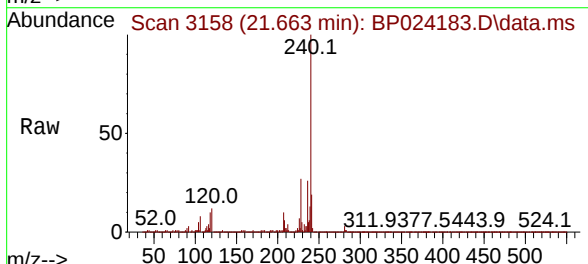
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.5
203	17.9	0.0	37.9

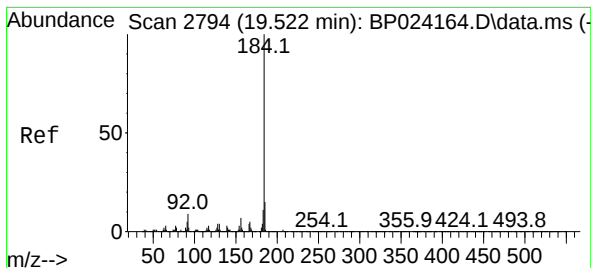


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.663 min Scan# 3158
 Delta R.T. 0.006 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

Tgt Ion:240 Resp: 1673955

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	25.8	20.4	30.6





#77

Benzidine

Concen: 96.822 ng

RT: 19.528 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

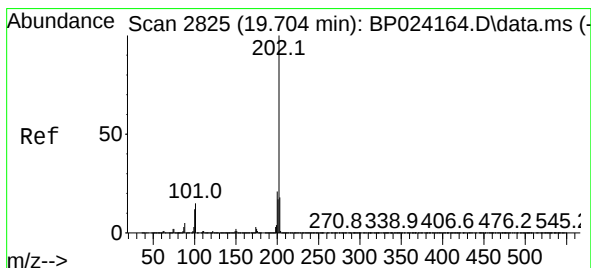
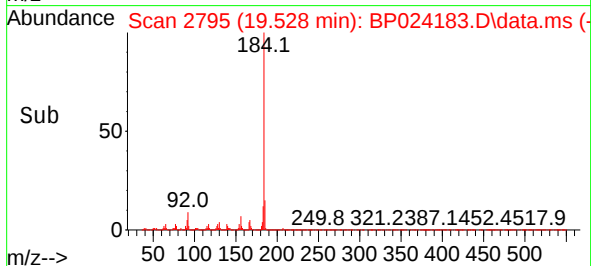
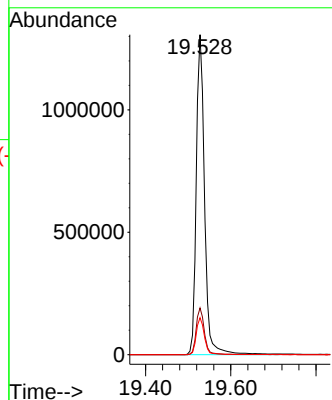
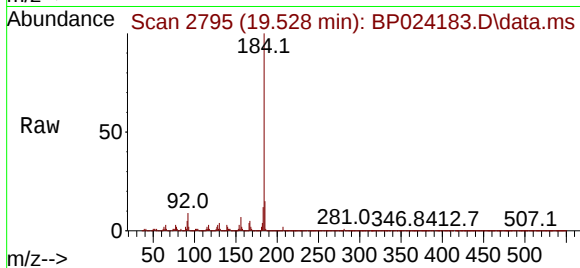
Tgt Ion:184 Resp: 1772037

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

183 11.6 9.1 13.7



#78

Pyrene

Concen: 45.048 ng

RT: 19.710 min Scan# 2826

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

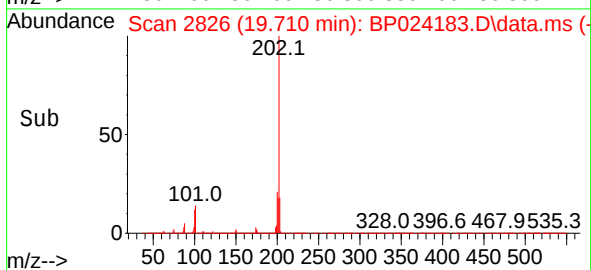
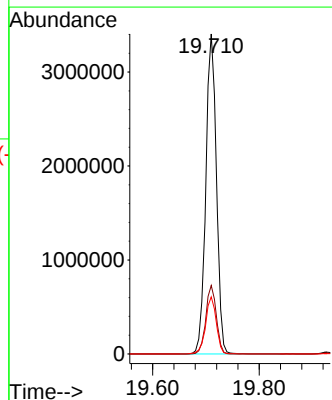
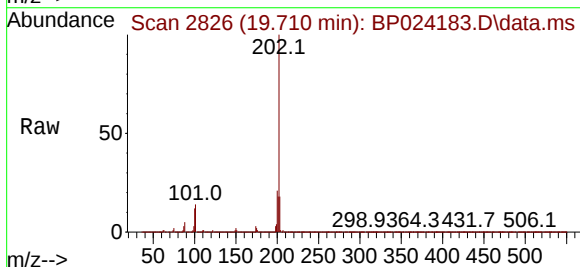
Tgt Ion:202 Resp: 4688032

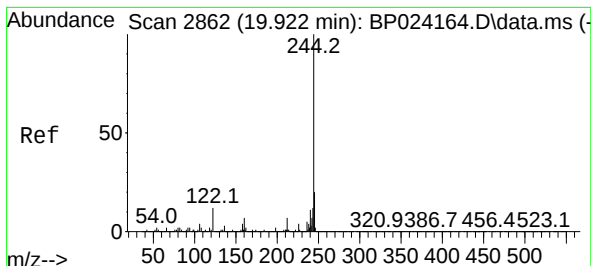
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 97.458 ng

RT: 19.928 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

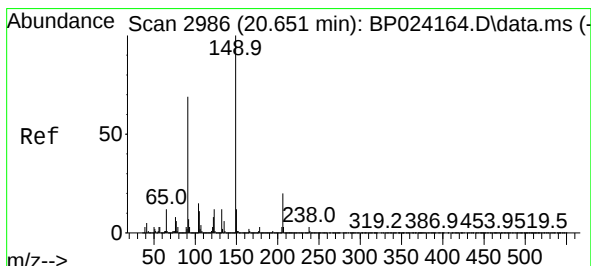
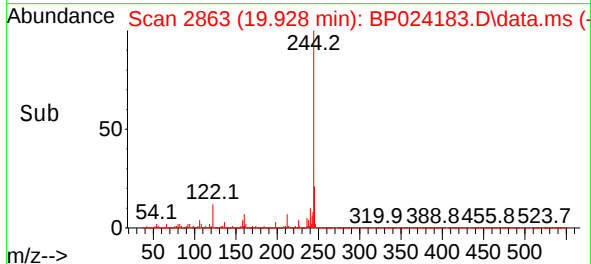
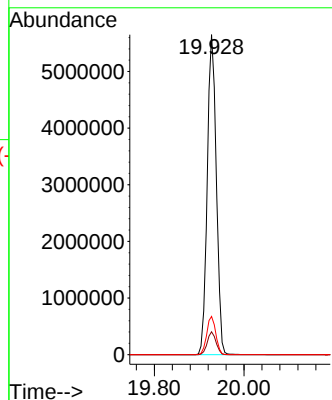
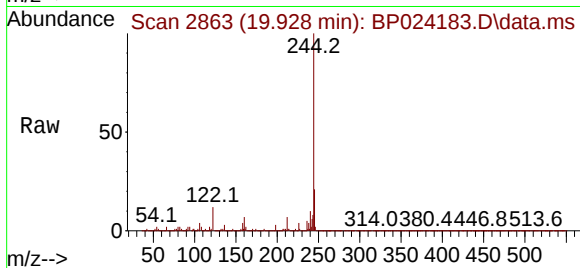
Tgt Ion:244 Resp: 7903257

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 12.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 46.823 ng

RT: 20.663 min Scan# 2988

Delta R.T. 0.012 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

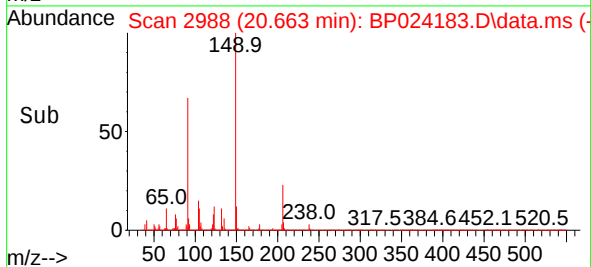
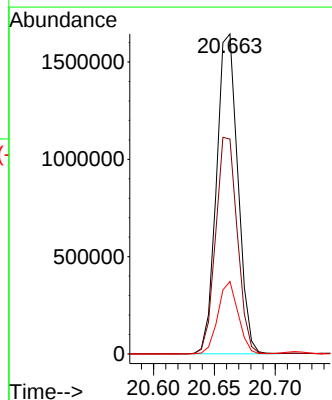
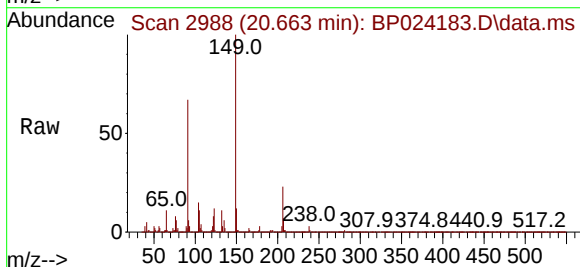
Tgt Ion:149 Resp: 2009480

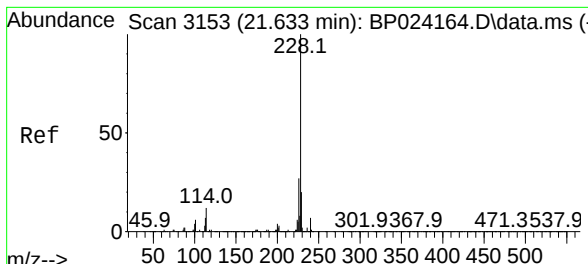
Ion Ratio Lower Upper

149 100

91 67.1 55.3 82.9

206 22.7 16.1 24.1



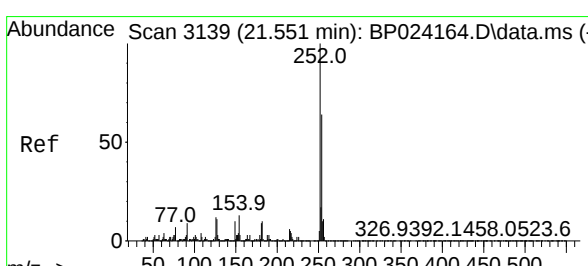
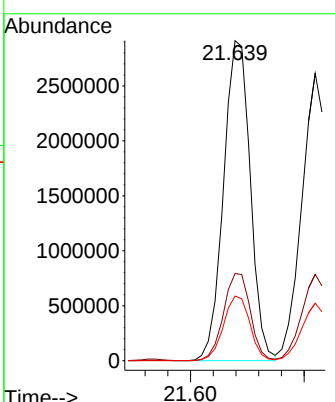
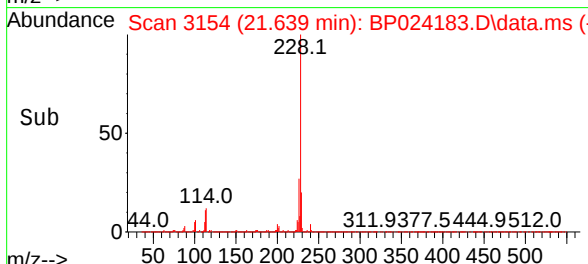
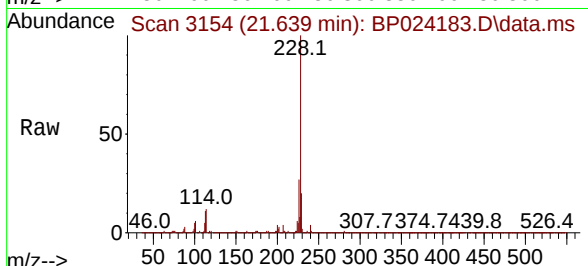


#81
 Benzo(a)anthracene
 Concen: 45.752 ng
 RT: 21.639 min Scan# 3153
 Delta R.T. 0.006 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BSD

Tgt Ion:228 Resp: 4761637

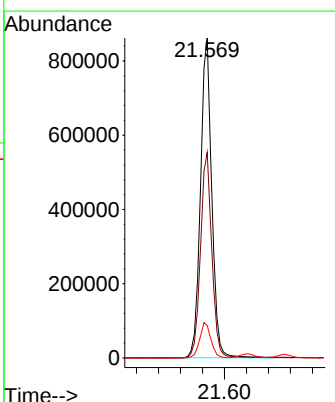
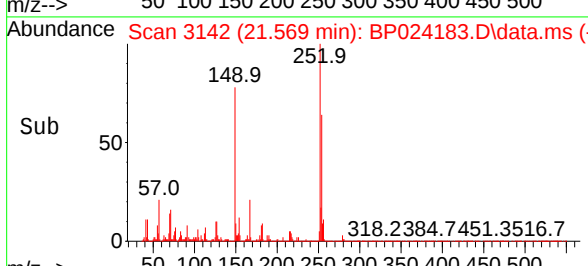
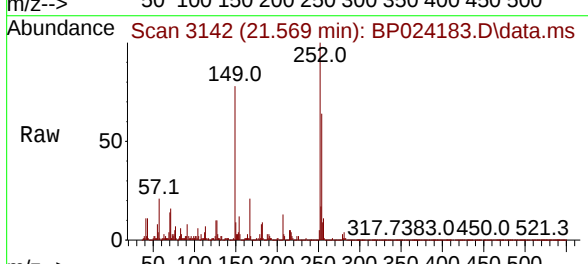
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.2	16.0	24.0

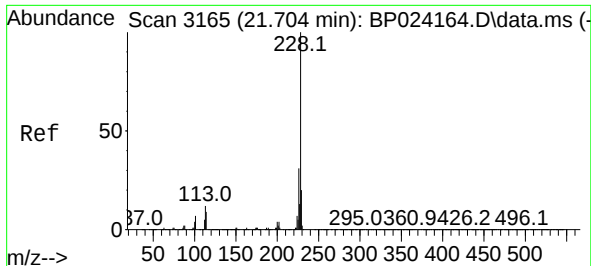


#82
 3,3'-Dichlorobenzidine
 Concen: 35.091 ng
 RT: 21.569 min Scan# 3142
 Delta R.T. 0.018 min
 Lab File: BP024183.D
 Acq: 18 Mar 2025 12:29

Tgt Ion:252 Resp: 1224003

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	10.2	9.3	13.9

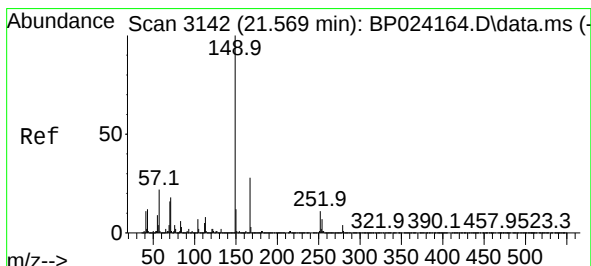
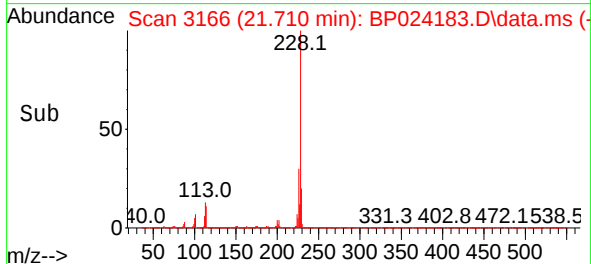
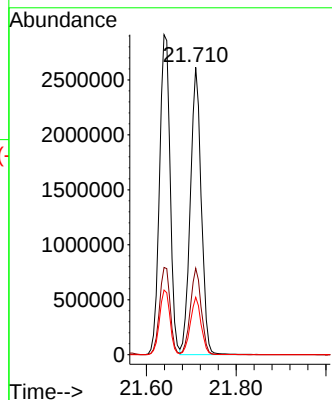
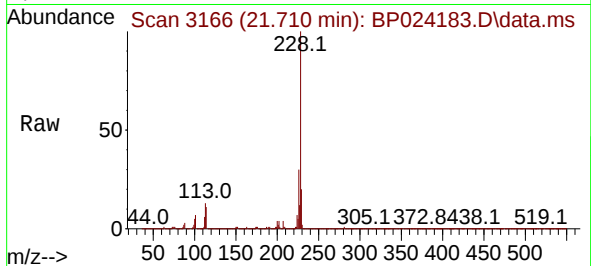




#83
Chrysene
Concen: 44.064 ng
RT: 21.710 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

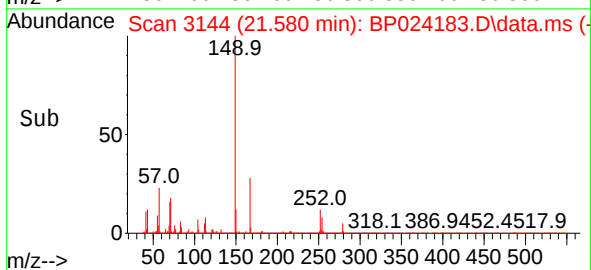
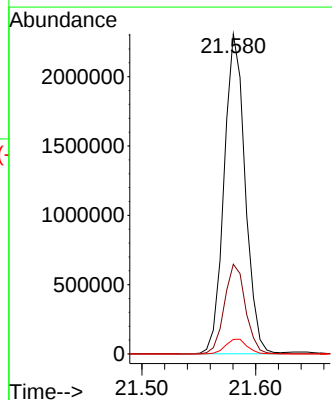
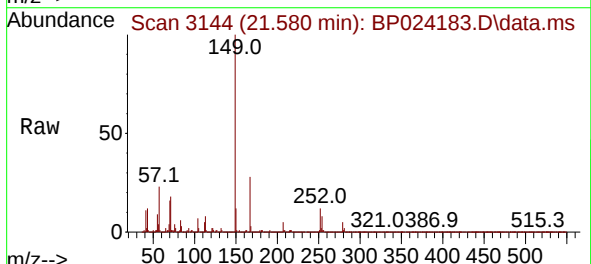
Instrument :
BNA_P
ClientSampleId :
PB167171BSD

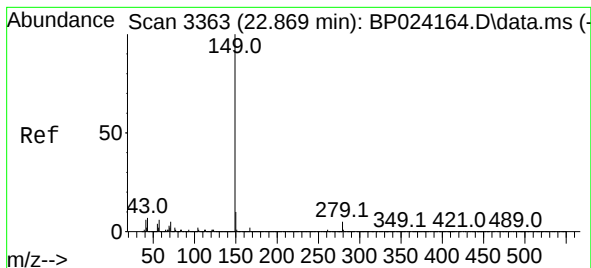
Tgt Ion:228 Resp: 4408586
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 20.0 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.937 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.012 min
Lab File: BP024183.D
Acq: 18 Mar 2025 12:29

Tgt Ion:149 Resp: 2974684
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.114 ng

RT: 22.886 min Scan# 3366

Delta R.T. 0.018 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

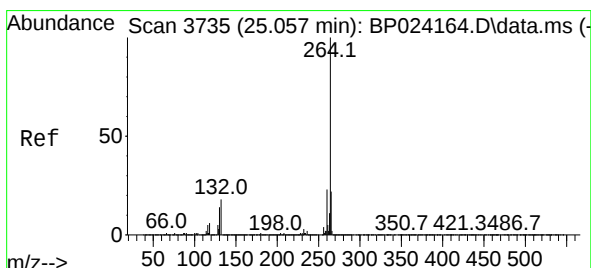
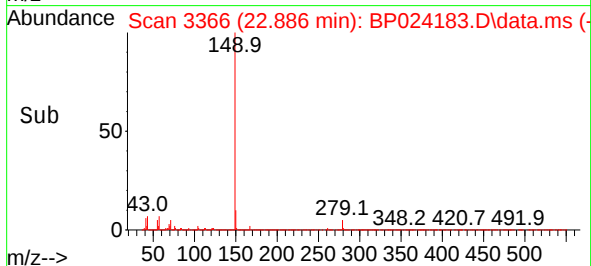
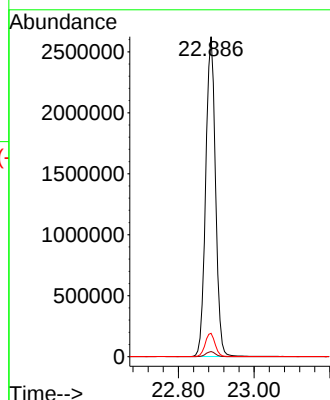
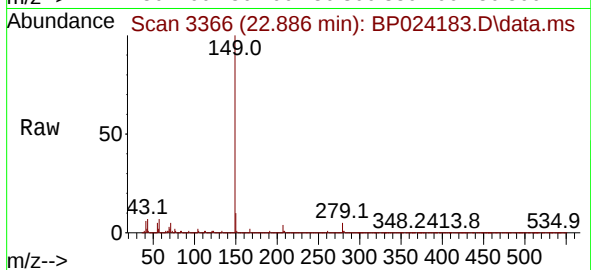
ClientSampleId :

PB167171BSD

Tgt Ion:149 Resp: 4680673

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	5.8	8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.063 min Scan# 3736

Delta R.T. 0.006 min

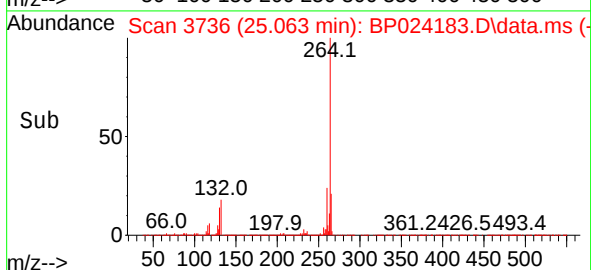
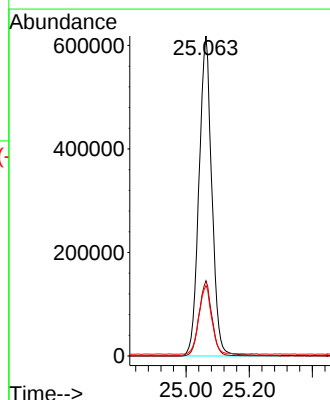
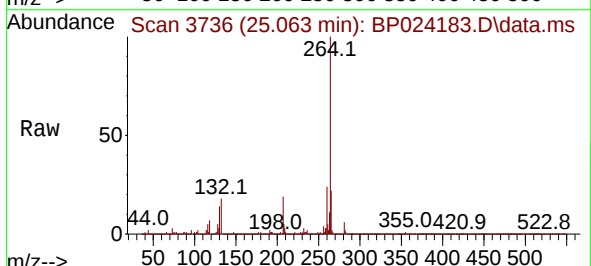
Lab File: BP024183.D

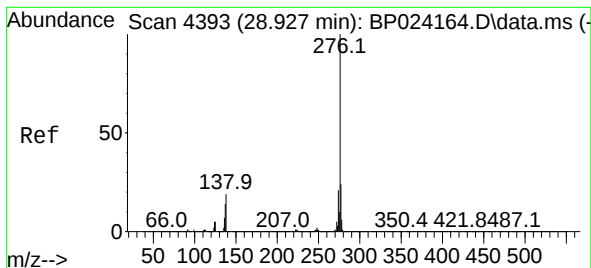
Acq: 18 Mar 2025 12:29

Tgt Ion:264 Resp: 1743513

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.0	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.715 ng

RT: 28.915 min Scan# 4391

Delta R.T. -0.012 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

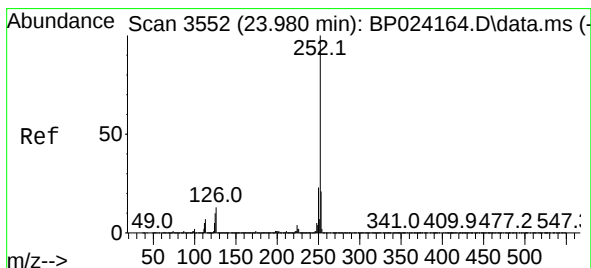
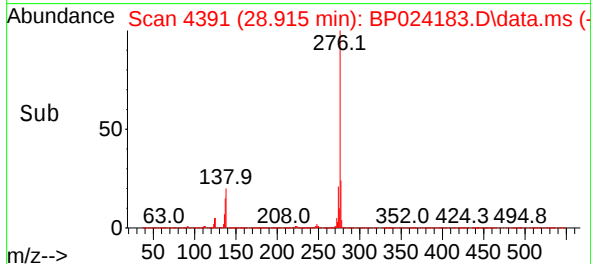
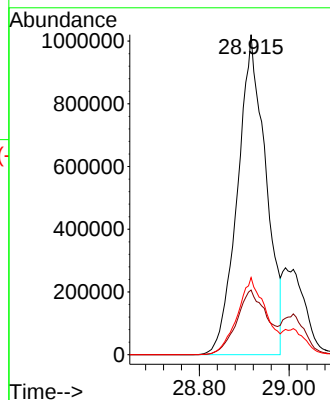
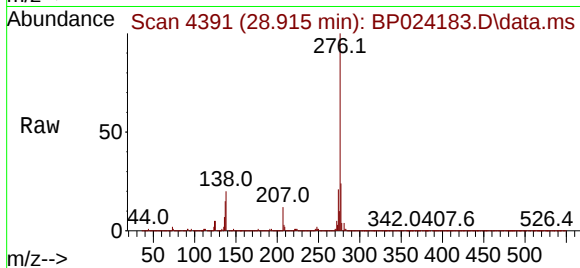
Tgt Ion:276 Resp: 4467602

Ion Ratio Lower Upper

276 100

138 21.6 13.7 20.5#

277 24.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.926 ng

RT: 23.980 min Scan# 3552

Delta R.T. 0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

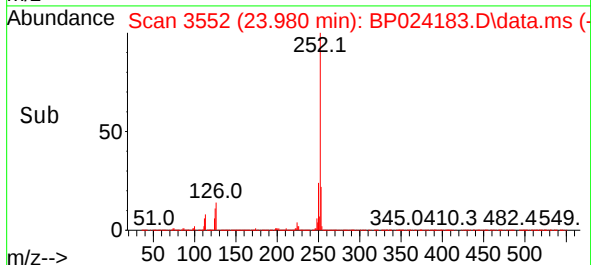
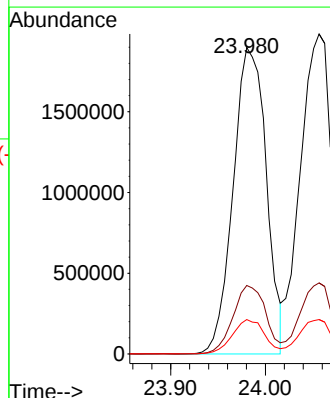
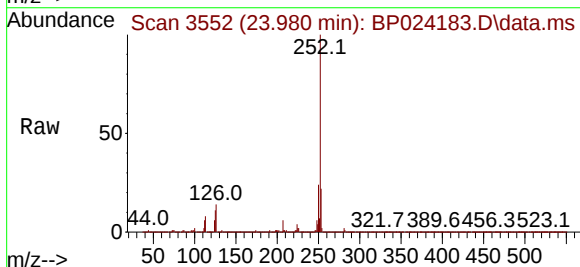
Tgt Ion:252 Resp: 4617611

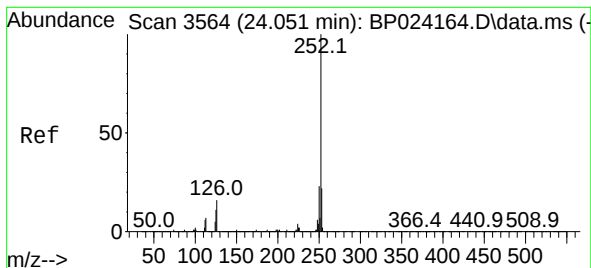
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 11.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.803 ng

RT: 24.057 min Scan# 3564

Delta R.T. 0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNA_P

ClientSampleId :

PB167171BSD

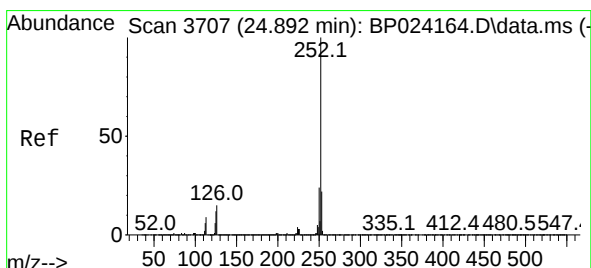
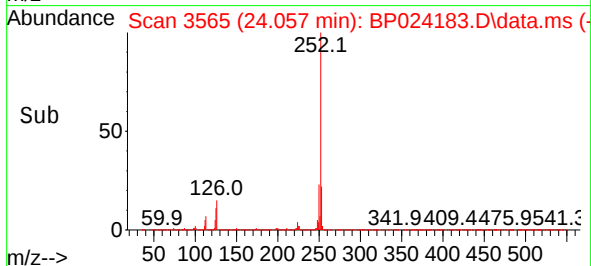
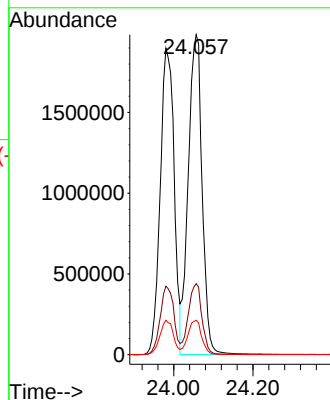
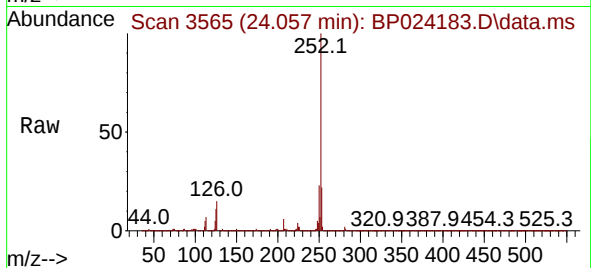
Tgt Ion:252 Resp: 4812755

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.8 9.1 13.7



#90

Benzo(a)pyrene

Concen: 48.292 ng

RT: 24.892 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

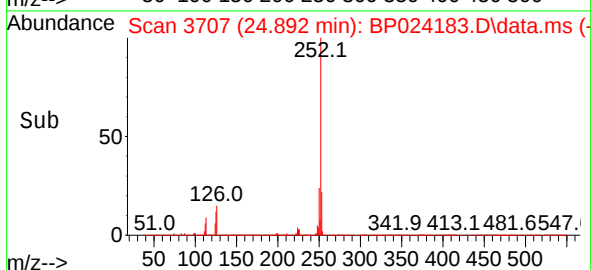
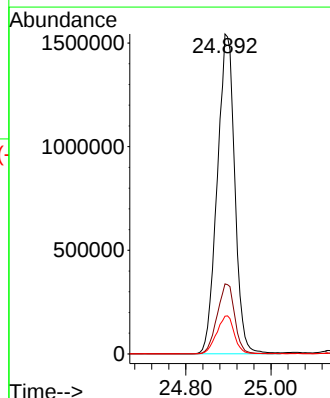
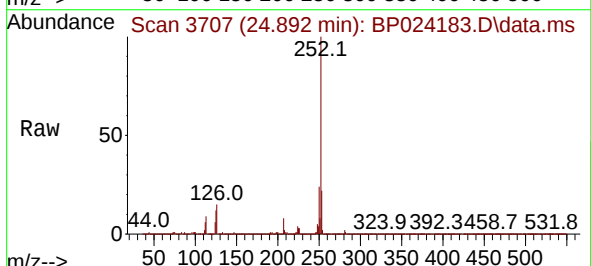
Tgt Ion:252 Resp: 4414434

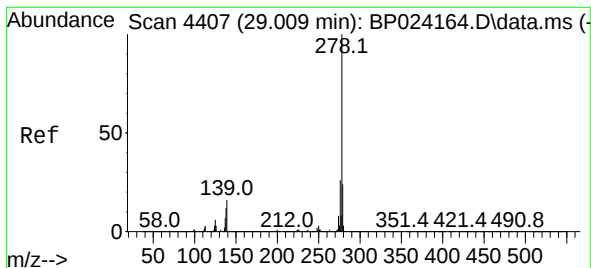
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.8 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 44.673 ng

RT: 29.009 min Scan# 4407

Delta R.T. -0.000 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Instrument :

BNP_P

ClientSampleId :

PB167171BSD

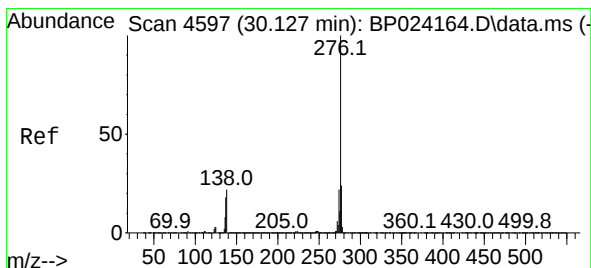
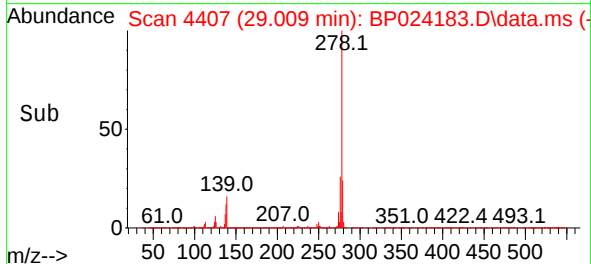
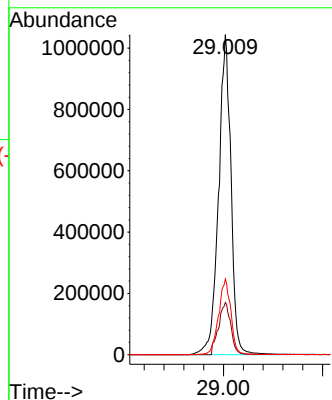
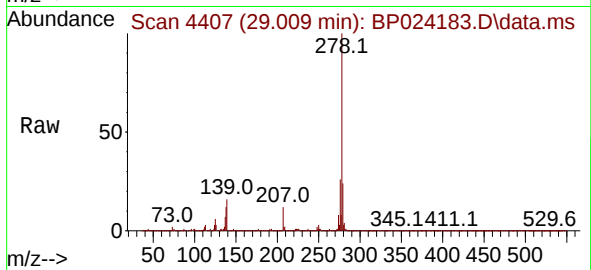
Tgt Ion:278 Resp: 4522494

Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.4

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.460 ng

RT: 30.121 min Scan# 4596

Delta R.T. -0.006 min

Lab File: BP024183.D

Acq: 18 Mar 2025 12:29

Tgt Ion:276 Resp: 4266672

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 23.9 17.4 26.2

