

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024213.D
 Acq On : 08 Apr 2025 15:04
 Operator : RC/JU
 Sample : PB167474BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167474BS

Quant Time: Apr 08 18:28:36 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	7.740	152	432520	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1663507	20.000	ng	-0.03
39) Acenaphthene-d10	14.387	164	944043	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1779009	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1788682	20.000	ng	-0.01
86) Perylene-d12	25.033	264	1910295	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	3488994	128.767	ng	-0.02
7) Phenol-d6	6.928	99	4252456	117.362	ng	-0.02
23) Nitrobenzene-d5	8.893	82	2507924	85.061	ng	-0.03
42) 2,4,6-Tribromophenol	15.904	330	1588438	133.578	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	5307334	82.897	ng	-0.02
79) Terphenyl-d14	19.916	244	7752383	89.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	430011	40.037	ng	98
3) Pyridine	3.699	79	1163440	39.624	ng	100
4) n-Nitrosodimethylamine	3.605	42	417062	42.522	ng	96
6) Aniline	7.081	93	1404797	42.554	ng	98
8) 2-Chlorophenol	7.317	128	1281285	43.779	ng	98
9) Benzaldehyde	6.893	77	703975	40.260	ng	97
10) Phenol	6.952	94	1601100	43.772	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	1228503	42.589	ng	97
12) 1,3-Dichlorobenzene	7.634	146	1397403	44.276	ng	100
13) 1,4-Dichlorobenzene	7.781	146	1406489	43.646	ng	99
14) 1,2-Dichlorobenzene	8.093	146	1340828	43.359	ng	99
15) Benzyl Alcohol	7.981	79	996163	43.426	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.264	45	1352823	45.951	ng	97
17) 2-Methylphenol	8.187	107	1030791	44.940	ng	99
18) Hexachloroethane	8.816	117	514776	45.026	ng	98
19) n-Nitroso-di-n-propyla...	8.546	70	875299	41.640	ng	99
20) 3+4-Methylphenols	8.516	107	1376966	43.696	ng	99
22) Acetophenone	8.558	105	1795686	42.697	ng	# 99
24) Nitrobenzene	8.934	77	1303028	44.800	ng	99
25) Isophorone	9.463	82	2368131	46.856	ng	100
26) 2-Nitrophenol	9.640	139	627546	45.169	ng	99
27) 2,4-Dimethylphenol	9.705	122	1133961	63.474	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1573265	44.249	ng	99
29) 2,4-Dichlorophenol	10.175	162	1082112	44.776	ng	98
30) 1,2,4-Trichlorobenzene	10.387	180	1171441	43.873	ng	99
31) Naphthalene	10.575	128	3743698	42.455	ng	100
32) Benzoic acid	9.858	122	750176	43.056	ng	98
33) 4-Chloroaniline	10.681	127	669606	21.219	ng	99
34) Hexachlorobutadiene	10.858	225	682737	44.429	ng	98
35) Caprolactam	11.481	113	343442	43.361	ng	96
36) 4-Chloro-3-methylphenol	11.822	107	1139474	43.706	ng	99
37) 2-Methylnaphthalene	12.187	142	2281446	38.297	ng	99
38) 1-Methylnaphthalene	12.410	142	2380994	41.093	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1194871	43.785	ng	# 98
41) Hexachlorocyclopentadiene	12.540	237	1638893	166.606	ng	98
43) 2,4,6-Trichlorophenol	12.804	196	814676	46.974	ng	99

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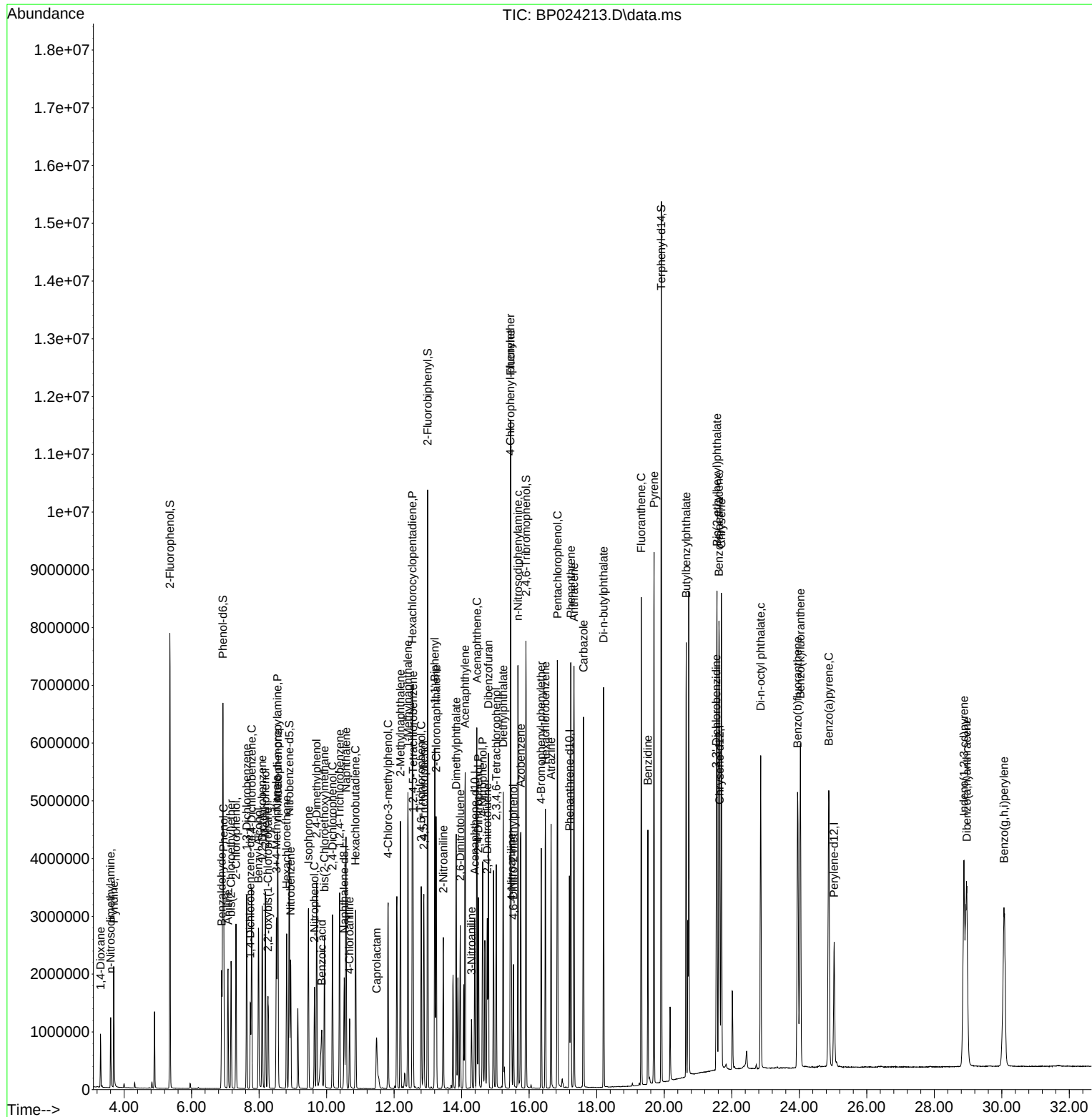
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	888862	46.734	ng	99
46) 1,1'-Biphenyl	13.204	154	3103109	43.742	ng	99
47) 2-Chloronaphthalene	13.246	162	2368493	44.388	ng	99
48) 2-Nitroaniline	13.457	65	667776	48.929	ng	99
49) Acenaphthylene	14.104	152	3930242	48.678	ng	100
50) Dimethylphthalate	13.840	163	2902999	43.947	ng	100
51) 2,6-Dinitrotoluene	13.957	165	642545	46.231	ng	98
52) Acenaphthene	14.451	154	2281542	44.228	ng	99
53) 3-Nitroaniline	14.293	138	351575	23.421	ng	95
54) 2,4-Dinitrophenol	14.498	184	797386	108.426	ng	95
55) Dibenzofuran	14.793	168	3485847	41.717	ng	99
56) 4-Nitrophenol	14.622	139	1264023	100.774	ng	98
57) 2,4-Dinitrotoluene	14.757	165	905760	49.337	ng	99
58) Fluorene	15.451	166	2838026	43.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	757390	45.072	ng	98
60) Diethylphthalate	15.228	149	2867989	43.599	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1370547	42.921	ng	96
62) 4-Nitroaniline	15.475	138	686113	43.579	ng	99
63) Azobenzene	15.751	77	2820252	45.488	ng	99
65) 4,6-Dinitro-2-methylph...	15.534	198	503579	47.682	ng	96
66) n-Nitrosodiphenylamine	15.669	169	2470564	45.732	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	876212	44.861	ng	98
68) Hexachlorobenzene	16.481	284	1046300	45.259	ng	98
69) Atrazine	16.651	200	857586	65.769	ng	99
70) Pentachlorophenol	16.840	266	1467830	98.182	ng	100
71) Phenanthrene	17.234	178	4354818	44.809	ng	100
72) Anthracene	17.328	178	4420553	46.701	ng	100
73) Carbazole	17.610	167	4212646	46.149	ng	100
74) Di-n-butylphthalate	18.204	149	4955128	45.727	ng	100
75) Fluoranthene	19.322	202	4988049	44.315	ng	99
77) Benzidine	19.516	184	2145257	109.696	ng	100
78) Pyrene	19.698	202	5077322	45.659	ng	100
80) Butylbenzylphthalate	20.651	149	2219339	48.397	ng	97
81) Benzo(a)anthracene	21.622	228	5116502	46.009	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	1098884	29.483	ng	100
83) Chrysene	21.692	228	4802411	44.922	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	3315716	47.919	ng	100
85) Di-n-octyl phthalate	22.857	149	5273316	47.566	ng	100
87) Indeno(1,2,3-cd)pyrene	28.880	276	6357522	47.685	ng	99
88) Benzo(b)fluoranthene	23.951	252	5122724	44.476	ng	98
89) Benzo(k)fluoranthene	24.033	252	5180476	45.980	ng	100
90) Benzo(a)pyrene	24.874	252	4935291	49.276	ng	99
91) Dibenzo(a,h)anthracene	28.962	278	5257429	47.399	ng	98
92) Benzo(g,h,i)perylene	30.062	276	5114163	45.357	ng	99

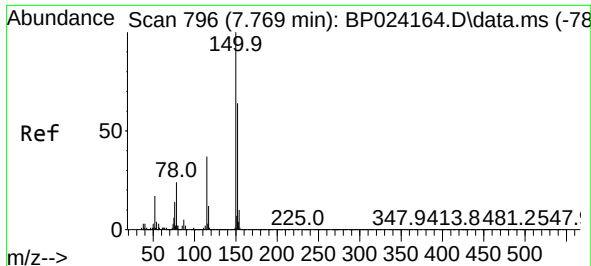
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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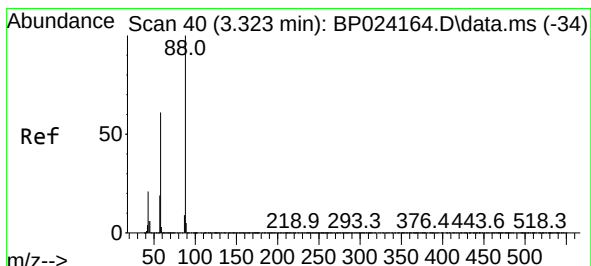
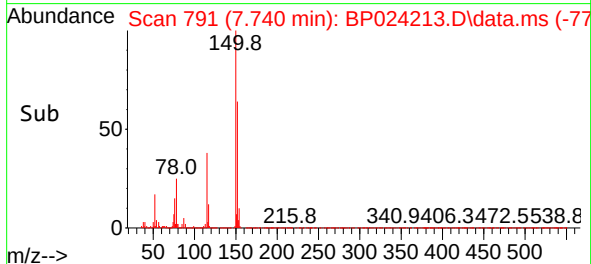
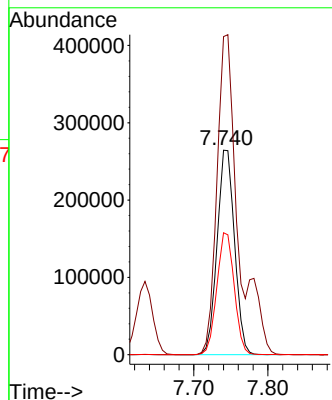
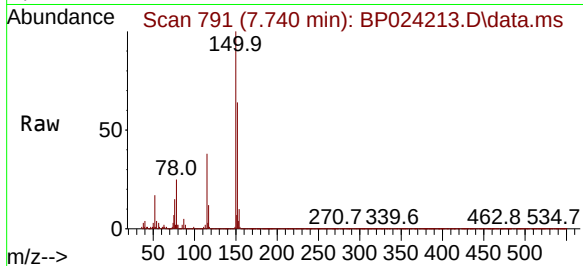




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.029 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

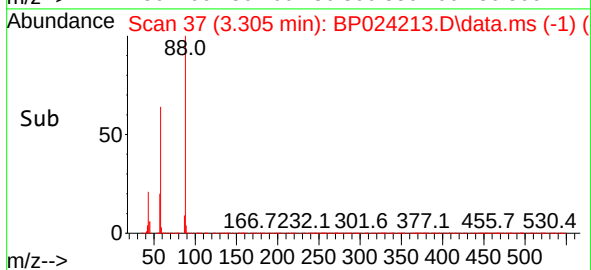
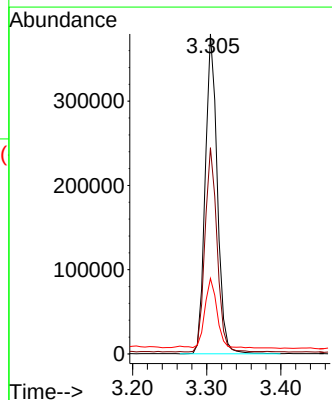
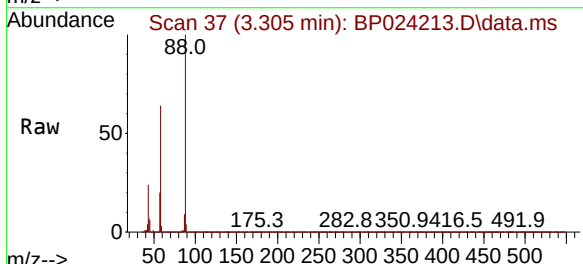
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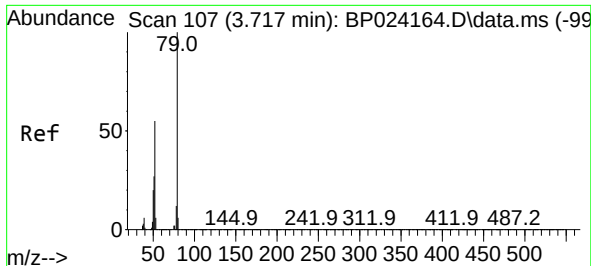
Tgt Ion:152 Resp: 432520
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.5 188.3
 115 59.6 46.3 69.5



#2
 1,4-Dioxane
 Concen: 40.037 ng
 RT: 3.305 min Scan# 37
 Delta R.T. -0.018 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

Tgt Ion: 88 Resp: 430011
 Ion Ratio Lower Upper
 88 100
 58 64.2 49.8 74.6
 43 21.7 17.3 25.9

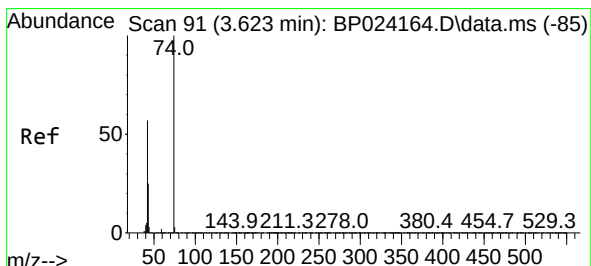
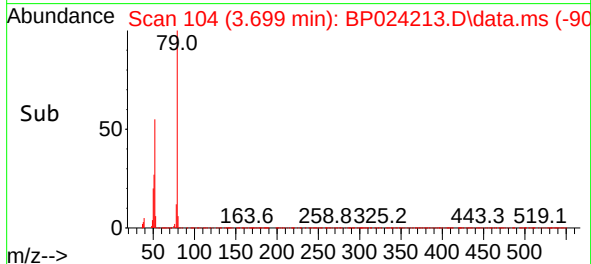
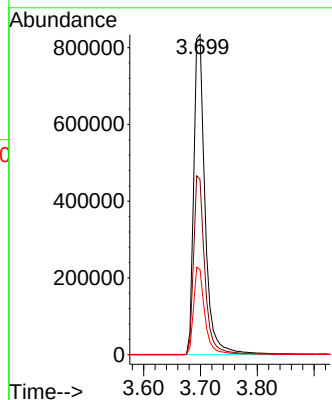
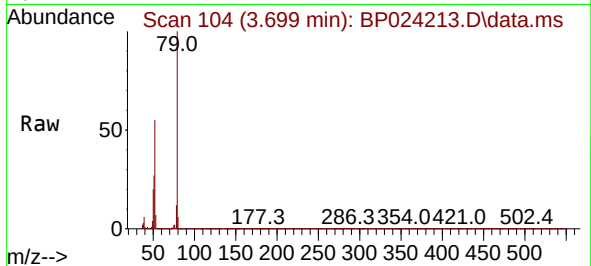




#3
 Pyridine
 Concen: 39.624 ng
 RT: 3.699 min Scan# 10
 Delta R.T. -0.018 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

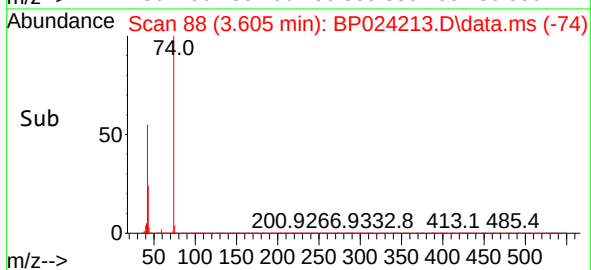
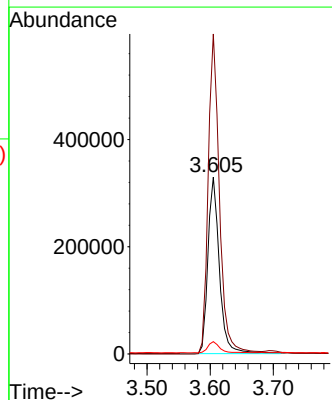
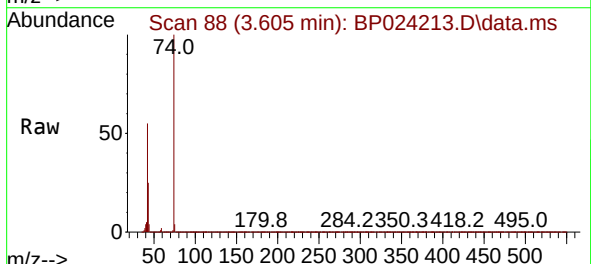
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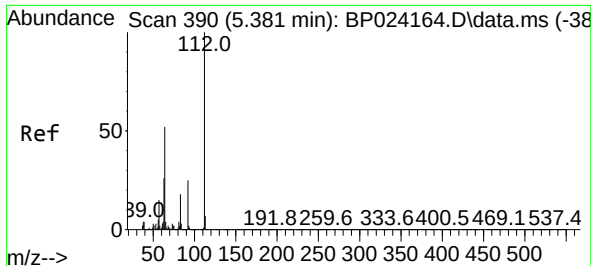
Tgt Ion: 79 Resp: 1163440
 Ion Ratio Lower Upper
 79 100
 52 54.7 43.8 65.8
 51 26.6 21.6 32.4



#4
 n-Nitrosodimethylamine
 Concen: 42.522 ng
 RT: 3.605 min Scan# 88
 Delta R.T. -0.018 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

Tgt Ion: 42 Resp: 417062
 Ion Ratio Lower Upper
 42 100
 74 181.0 139.8 209.6
 44 6.9 5.3 7.9

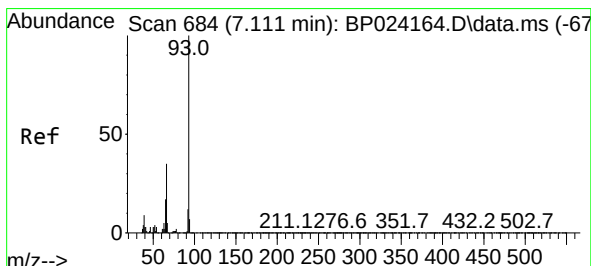
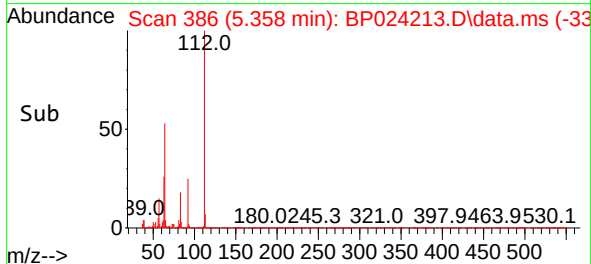
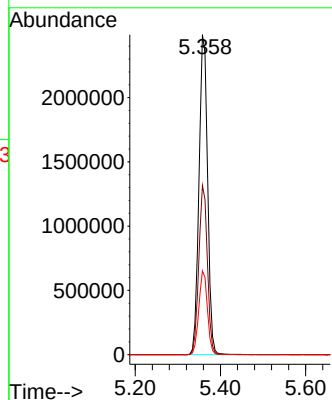
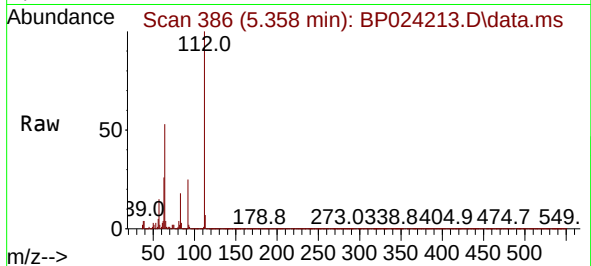




#5
2-Fluorophenol
Concen: 128.767 ng
RT: 5.358 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

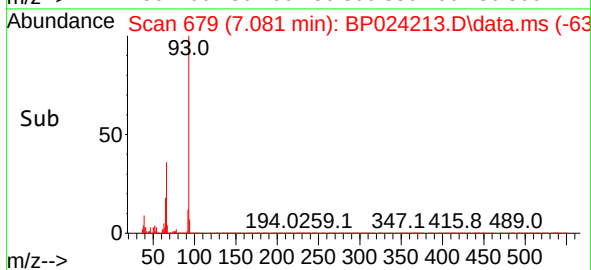
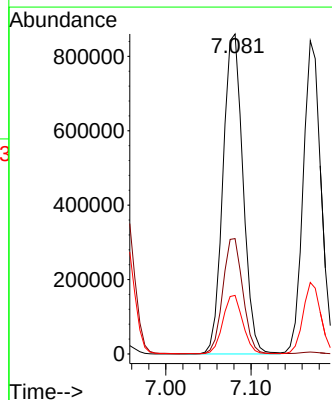
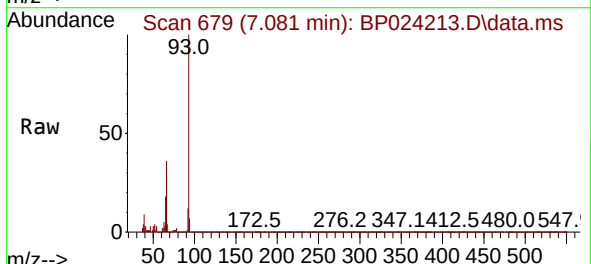
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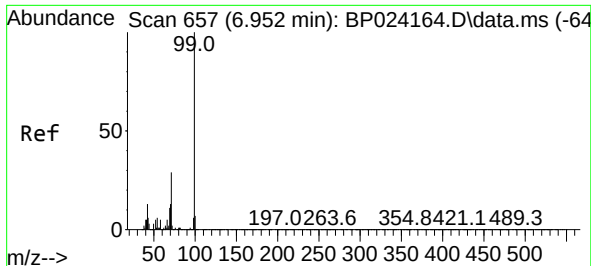
Tgt Ion:112 Resp: 3488994
Ion Ratio Lower Upper
112 100
64 52.9 41.3 61.9
63 26.2 20.6 31.0



#6
Aniline
Concen: 42.554 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 93 Resp: 1404797
Ion Ratio Lower Upper
93 100
66 36.1 28.2 42.2
65 18.3 14.0 21.0

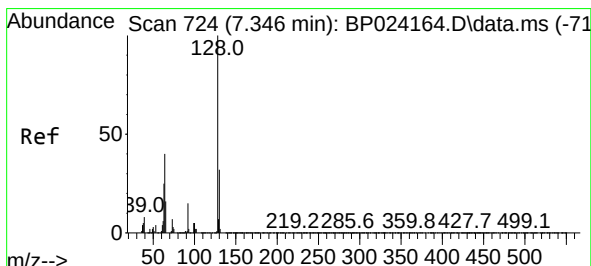
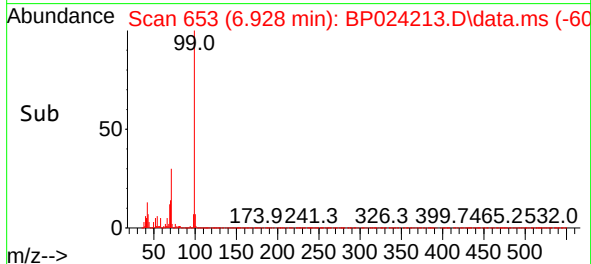
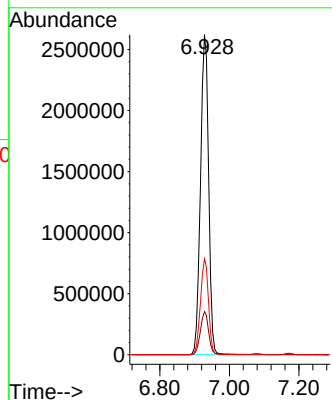
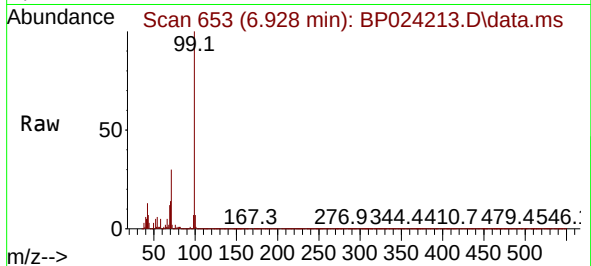




#7
Phenol-d6
Concen: 117.362 ng
RT: 6.928 min Scan# 611
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

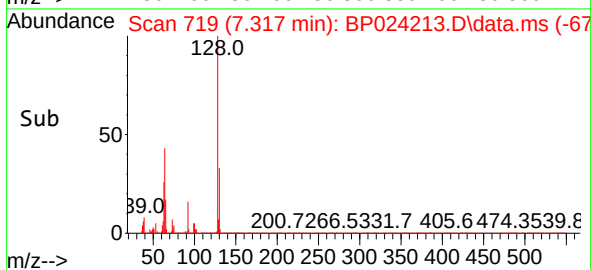
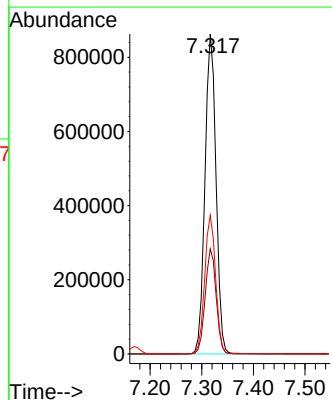
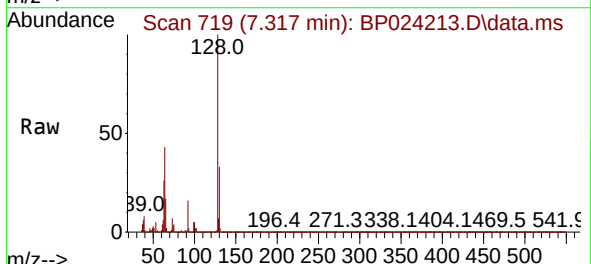
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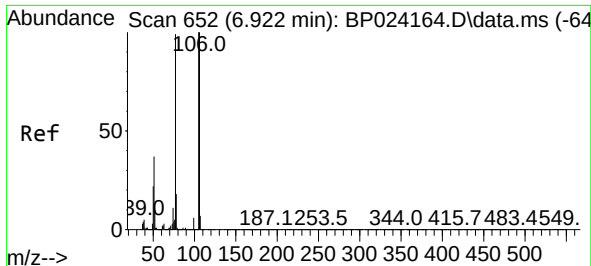
Tgt Ion: 99 Resp: 4252456
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.9 23.3 34.9



#8
2-Chlorophenol
Concen: 43.779 ng
RT: 7.317 min Scan# 719
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 128 Resp: 1281285
Ion Ratio Lower Upper
128 100
130 32.9 12.0 52.0
64 43.3 21.6 61.6

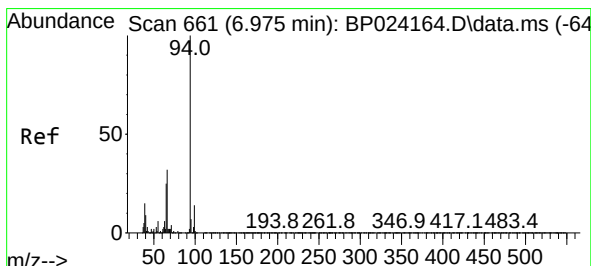
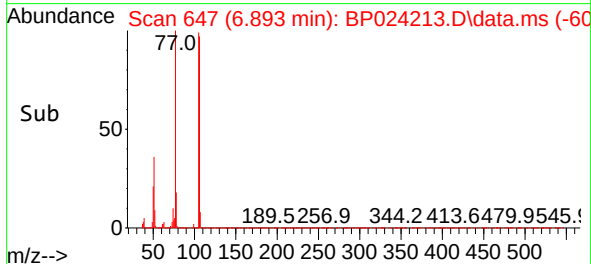
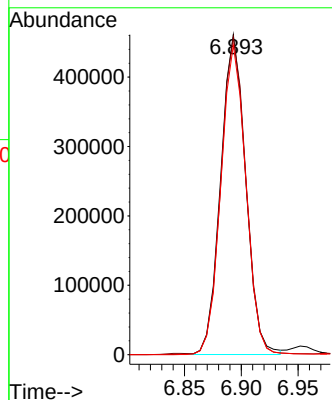
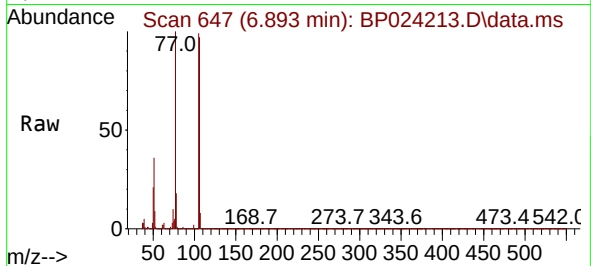




#9
Benzaldehyde
Concen: 40.260 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.029 min
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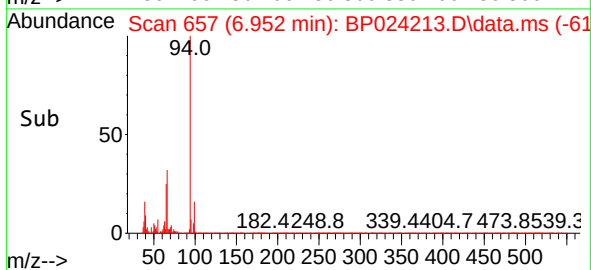
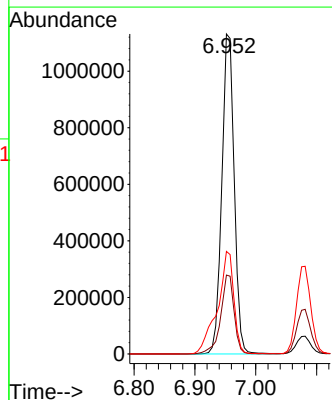
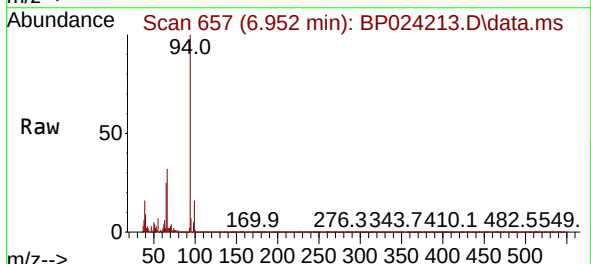
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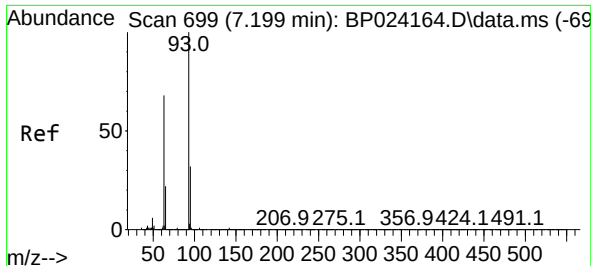
Tgt Ion: 77 Resp: 703975
Ion Ratio Lower Upper
77 100
105 99.3 81.4 121.4
106 96.8 81.1 121.1



#10
Phenol
Concen: 43.772 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.023 min
Lab File: BP024213.D
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Tgt Ion: 94 Resp: 1601100
Ion Ratio Lower Upper
94 100
65 24.7 4.9 44.9
66 32.1 11.9 51.9

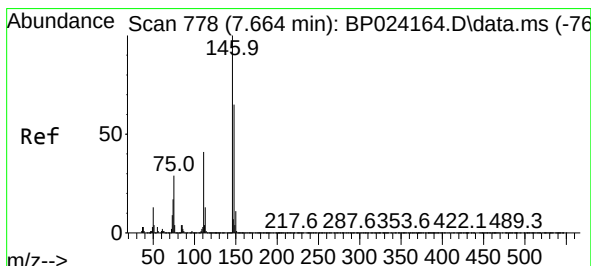
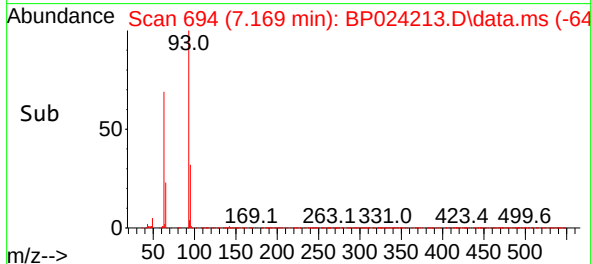
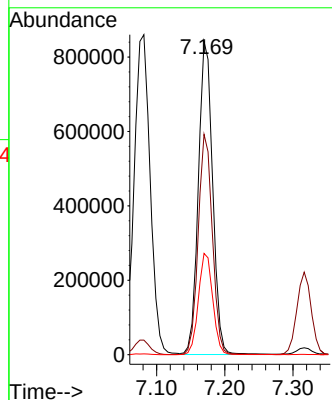
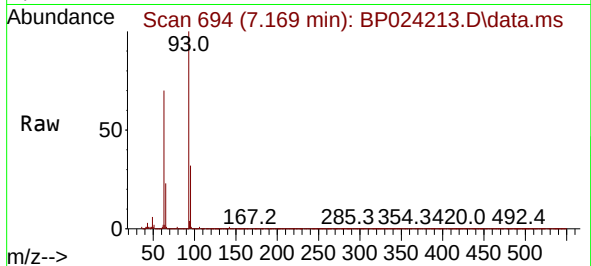




#11
bis(2-Chloroethyl)ether
Concen: 42.589 ng
RT: 7.169 min Scan# 699
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

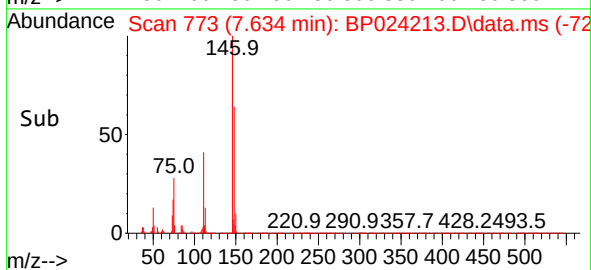
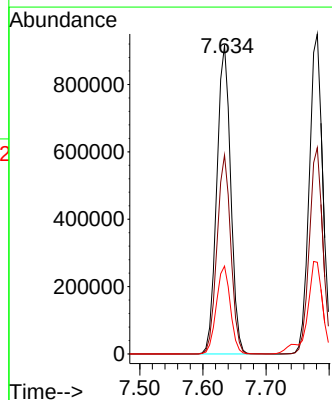
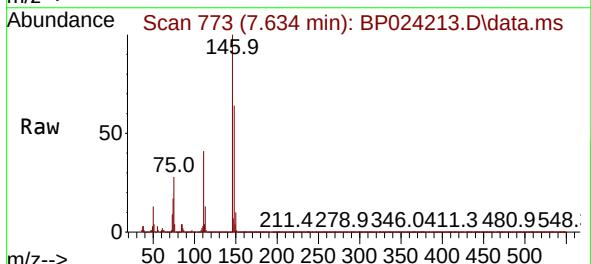
Instrument :
BNA_P
ClientSampleId :
PB167474BS

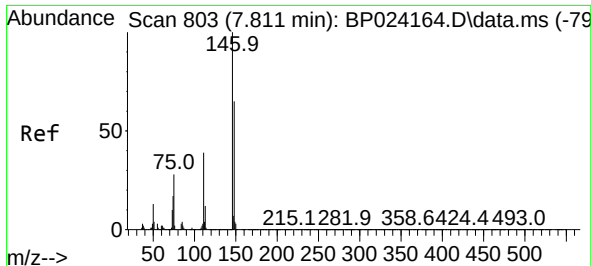
Tgt Ion: 93 Resp: 1228503
Ion Ratio Lower Upper
93 100
63 70.3 47.4 87.4
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.276 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:146 Resp: 1397403
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
75 28.4 22.8 34.2

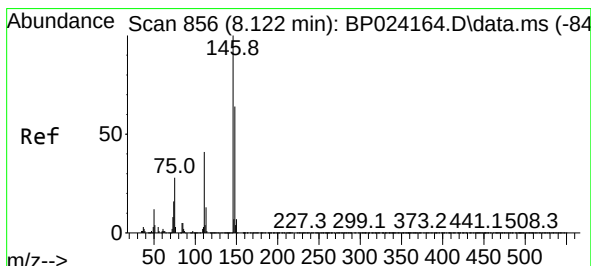
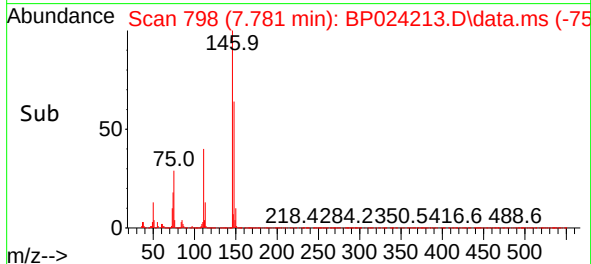
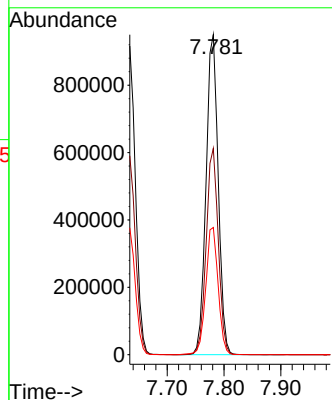
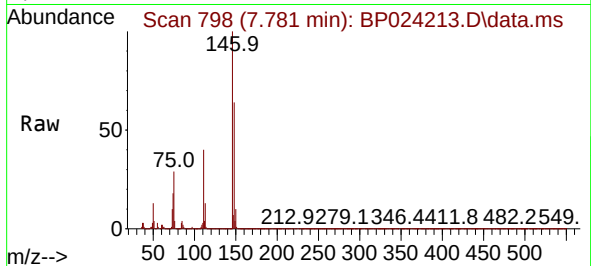




#13
1,4-Dichlorobenzene
Concen: 43.646 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

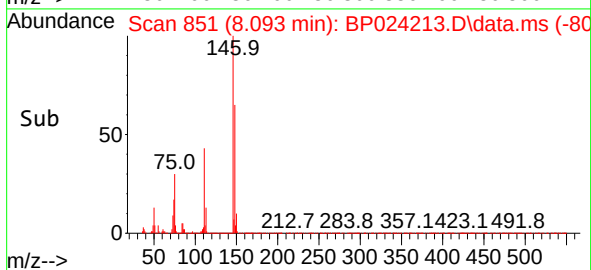
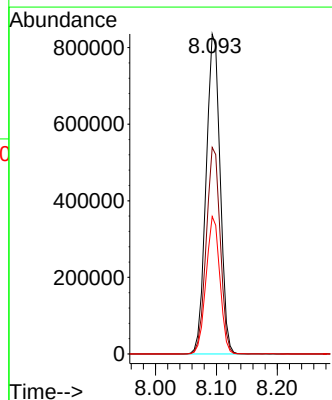
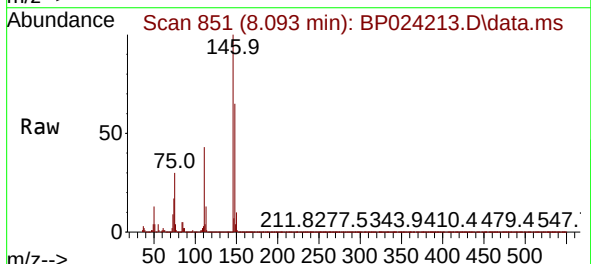
Instrument :
BNA_P
ClientSampleId :
PB167474BS

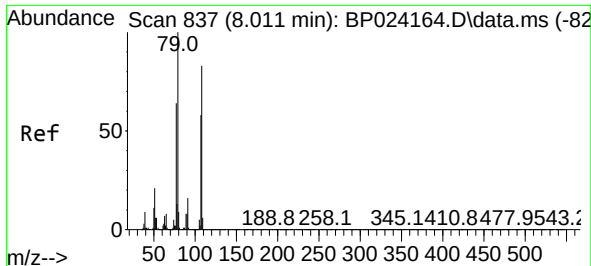
Tgt Ion:146 Resp: 1406489
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
111 39.8 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 43.359 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:146 Resp: 1340828
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 42.9 33.2 49.8

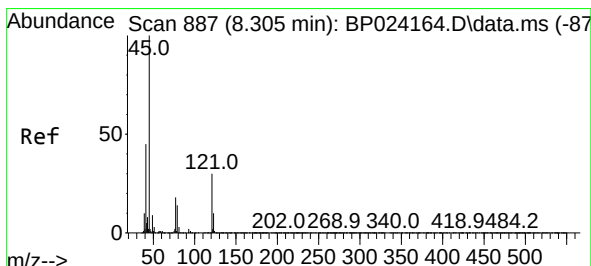
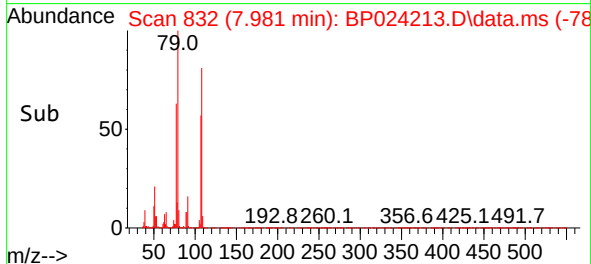
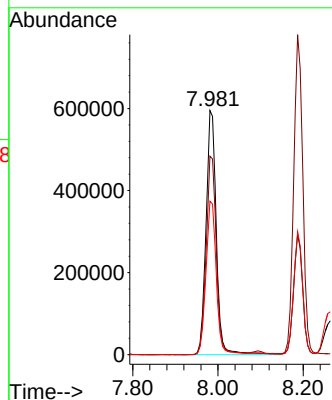
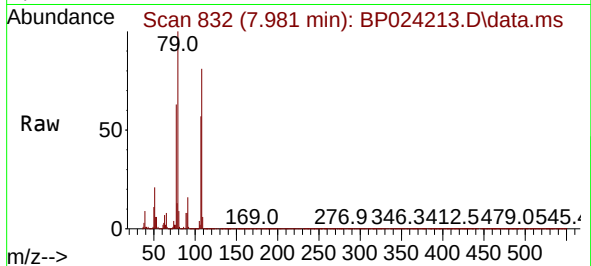




#15
Benzyl Alcohol
Concen: 43.426 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

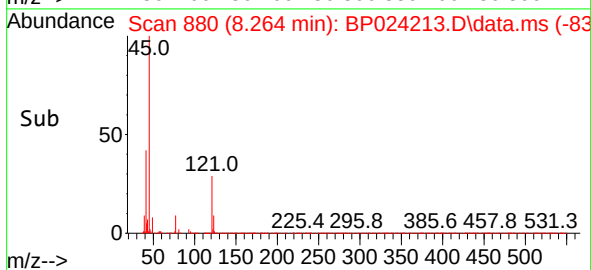
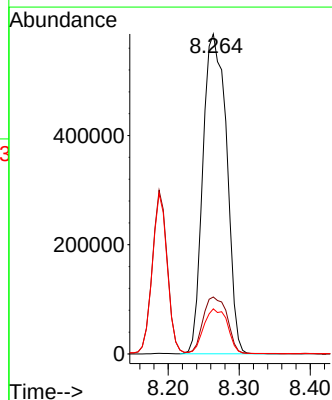
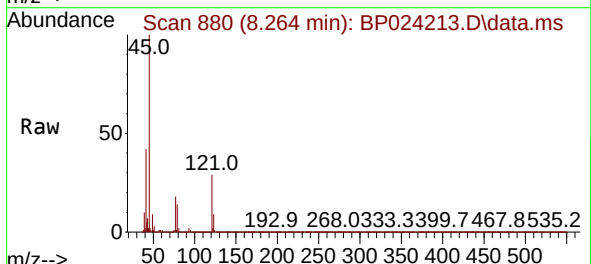
Instrument :
BNA_P
ClientSampleId :
PB167474BS

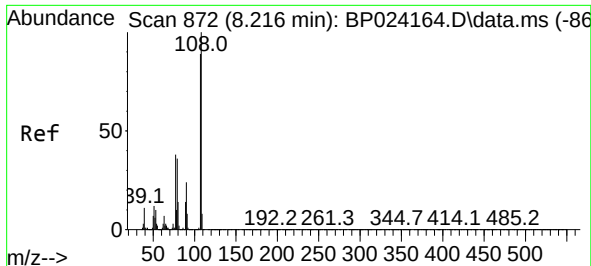
Tgt Ion: 79 Resp: 996163
Ion Ratio Lower Upper
79 100
108 81.4 66.5 99.7
77 62.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.951 ng
RT: 8.264 min Scan# 880
Delta R.T. -0.041 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 45 Resp: 1352823
Ion Ratio Lower Upper
45 100
77 17.8 0.0 39.0
79 14.1 0.0 35.6



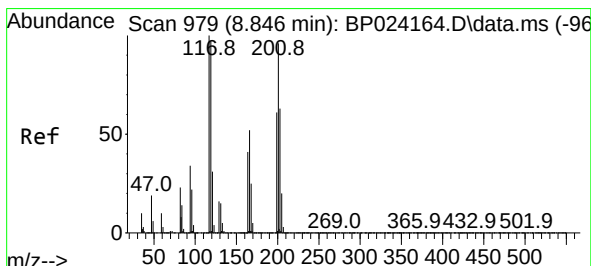
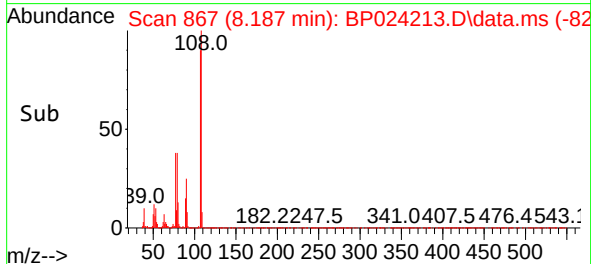
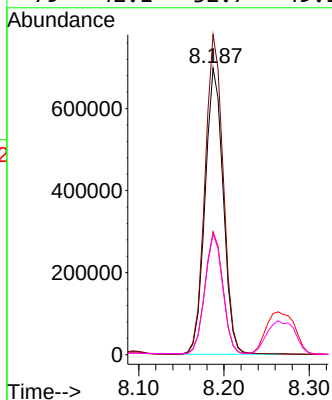
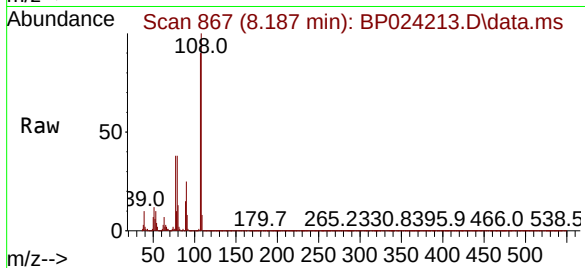


#17
2-Methylphenol
Concen: 44.940 ng
RT: 8.187 min Scan# 80
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:107 Resp: 1030791

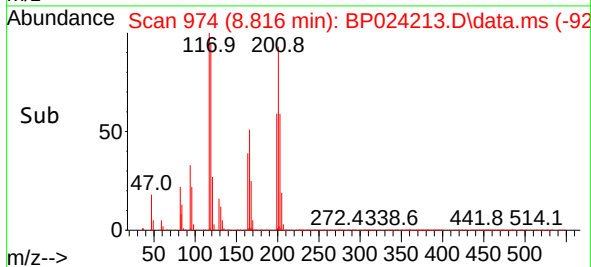
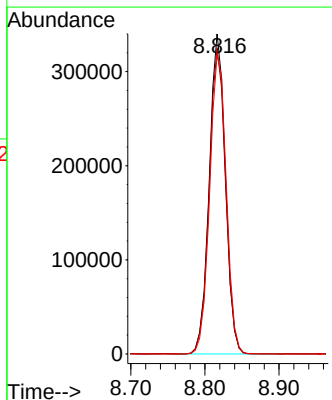
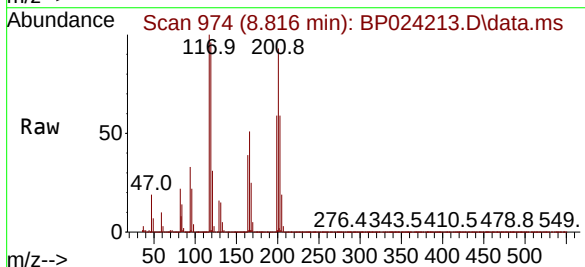
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.0	135.0
77	42.9	34.0	51.0
79	42.1	32.7	49.1

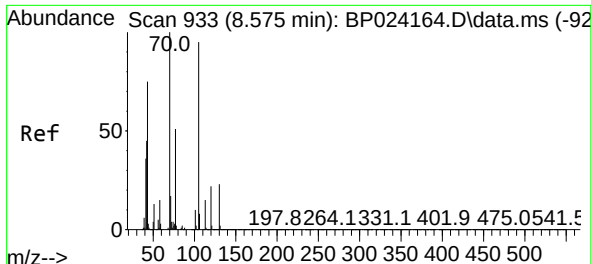


#18
Hexachloroethane
Concen: 45.026 ng
RT: 8.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:117 Resp: 514776

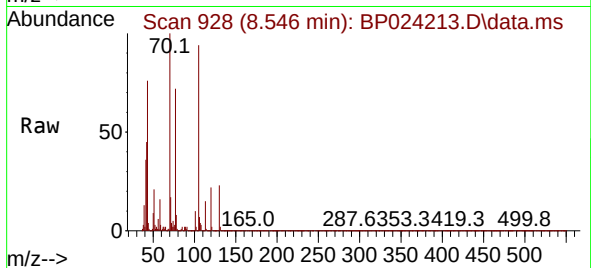
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	93.5	76.6	114.8



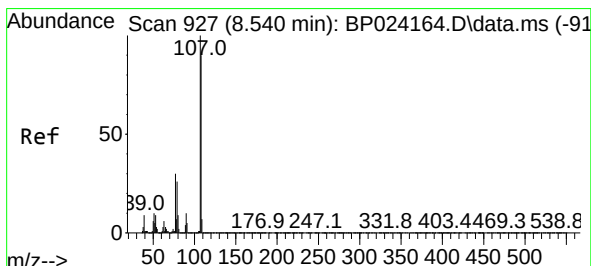
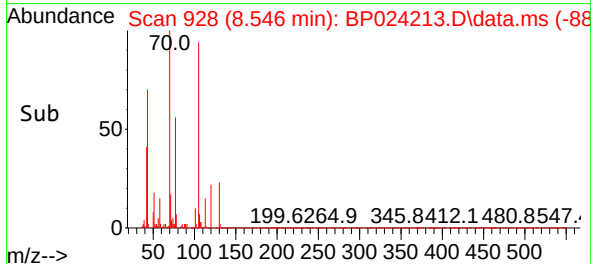
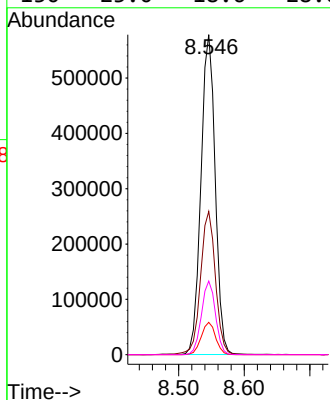


#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 8.546 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

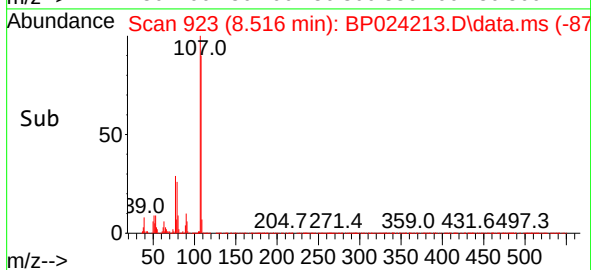
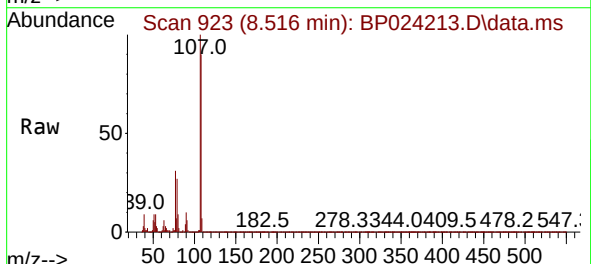
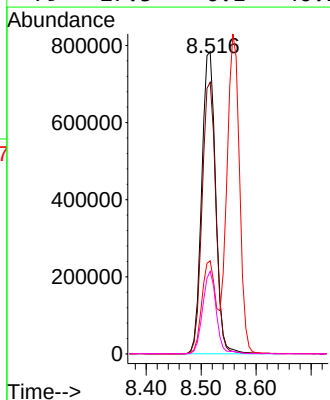


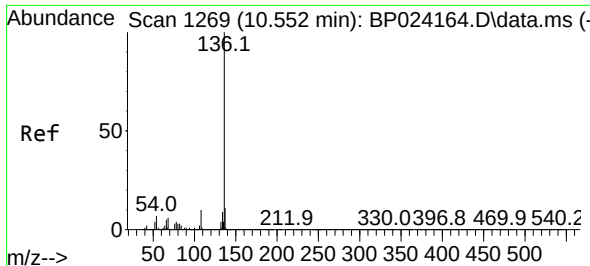
Tgt Ion: 70 Resp: 875299
Ion Ratio Lower Upper
70 100
42 44.7 36.0 54.0
101 10.1 8.3 12.5
130 23.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.696 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 107 Resp: 1376966
Ion Ratio Lower Upper
107 100
108 89.9 69.7 109.7
77 30.8 10.3 50.3
79 27.3 6.1 46.1



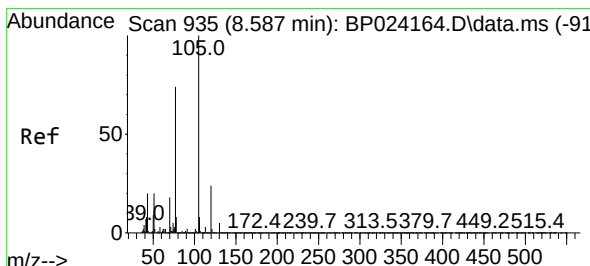
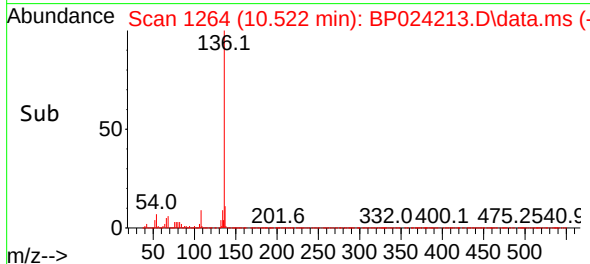
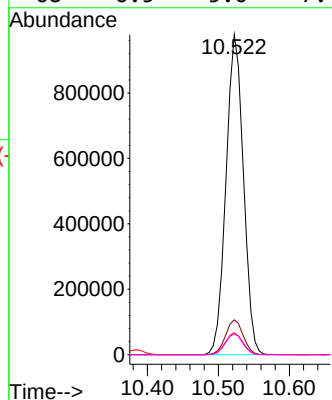
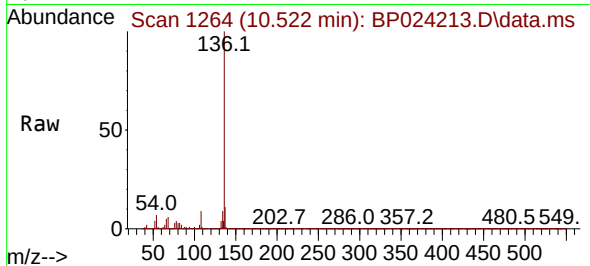


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:136 Resp: 1663507

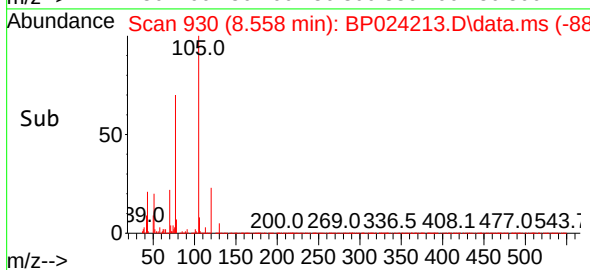
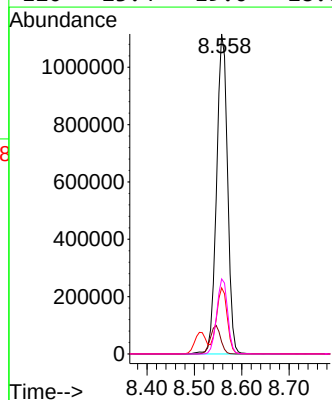
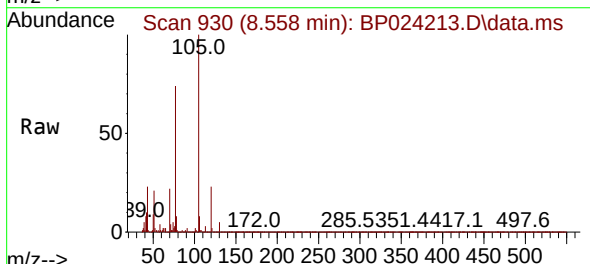
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.3	7.9
68	6.5	5.0	7.4

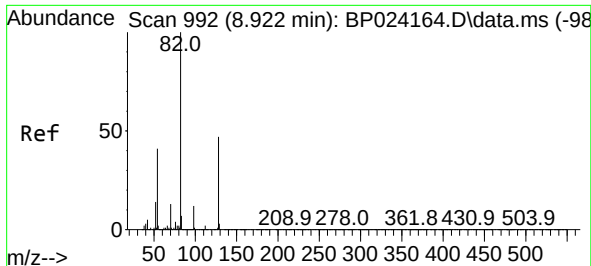


#22
Acetophenone
Concen: 42.697 ng
RT: 8.558 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:105 Resp: 1795686

Ion	Ratio	Lower	Upper
105	100		
71	3.8	2.4	3.6
51	20.7	16.2	24.2
120	23.4	19.0	28.6

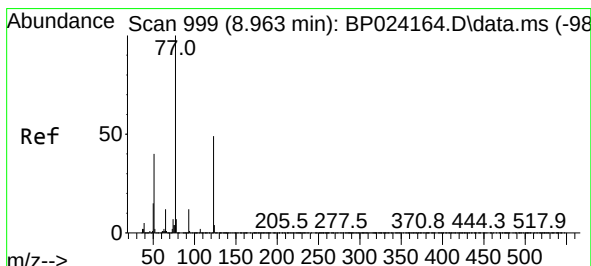
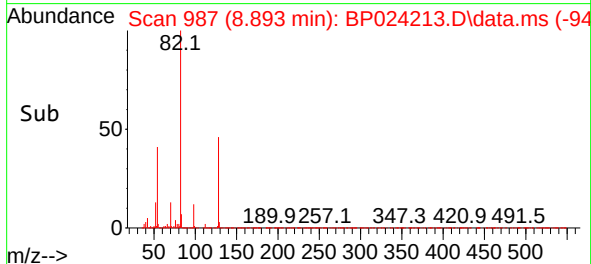
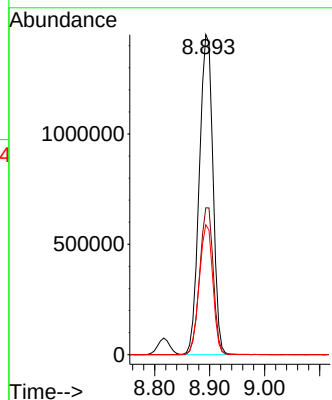
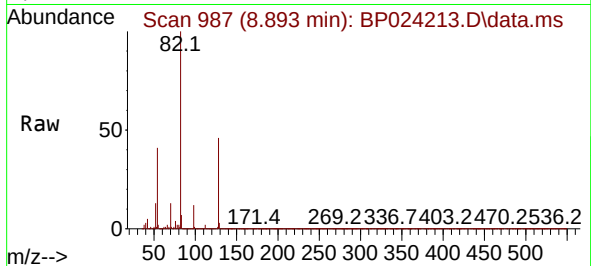




#23
Nitrobenzene-d5
Concen: 85.061 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

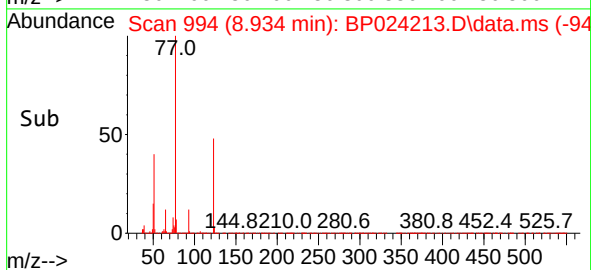
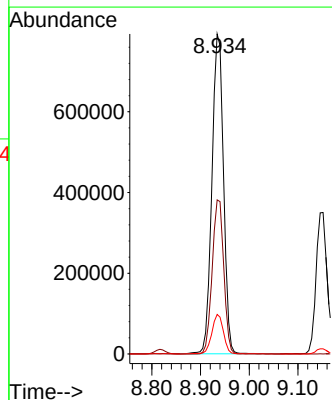
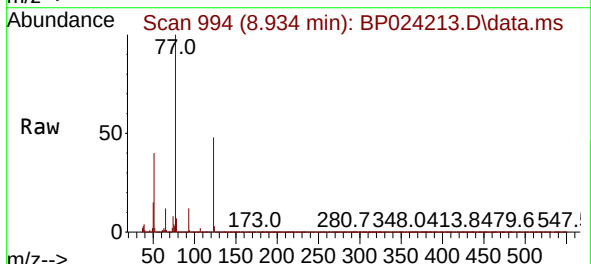
Instrument :
BNA_P
ClientSampleId :
PB167474BS

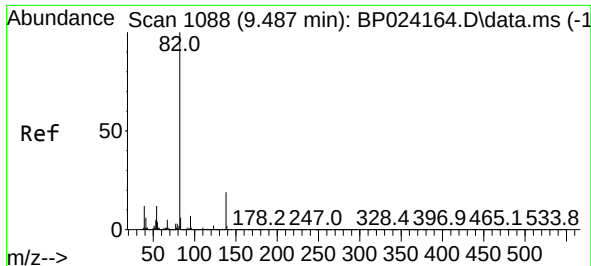
Tgt Ion: 82 Resp: 2507924
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.0
54 40.6 32.5 48.7



#24
Nitrobenzene
Concen: 44.800 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 77 Resp: 1303028
Ion Ratio Lower Upper
77 100
123 48.1 39.4 59.2
65 12.4 9.9 14.9

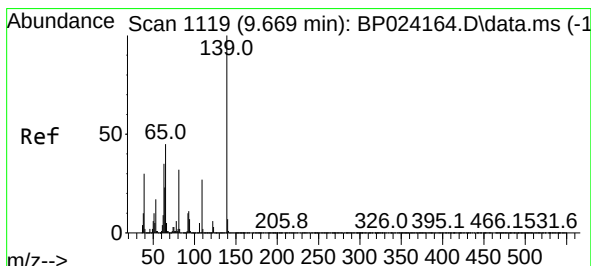
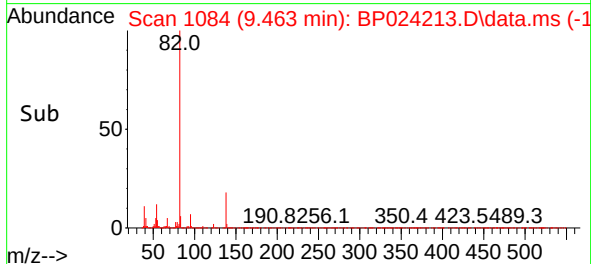
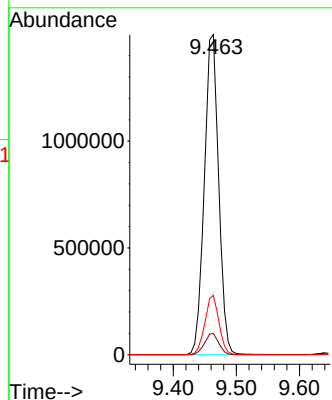
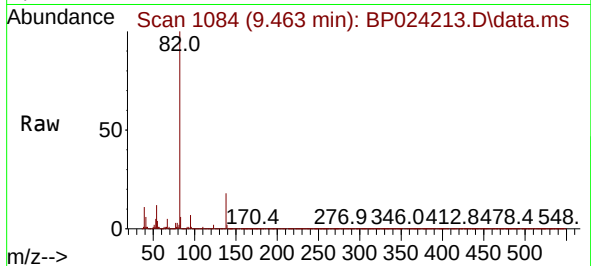




#25
Isophorone
Concen: 46.856 ng
RT: 9.463 min Scan# 1084
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

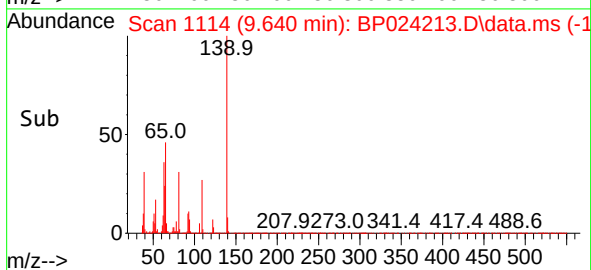
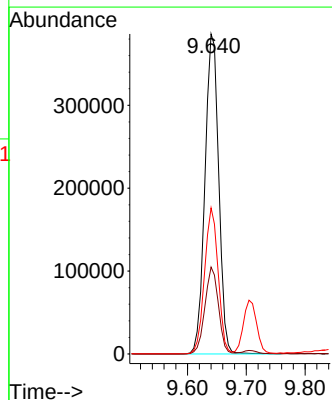
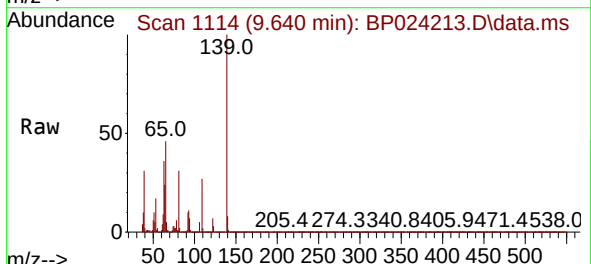
Instrument :
BNA_P
ClientSampleId :
PB167474BS

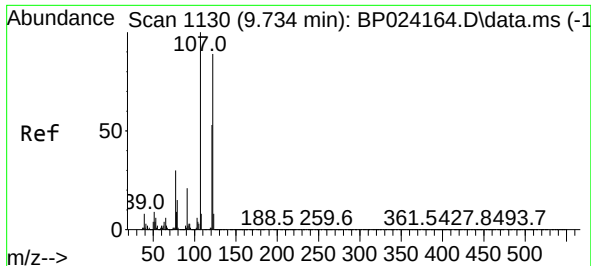
Tgt Ion: 82 Resp: 2368131
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.5 14.8 22.2



#26
2-Nitrophenol
Concen: 45.169 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 139 Resp: 627546
Ion Ratio Lower Upper
139 100
109 27.2 21.7 32.5
65 45.6 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 63.474 ng

RT: 9.705 min Scan# 1130

Delta R.T. -0.029 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

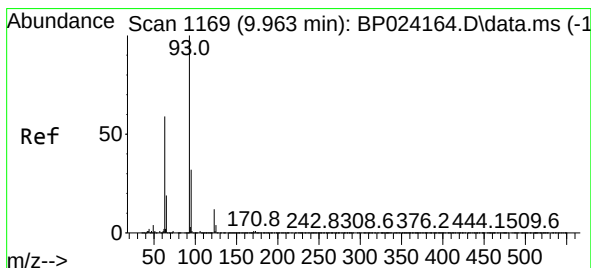
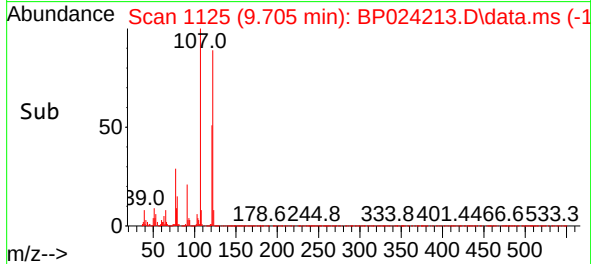
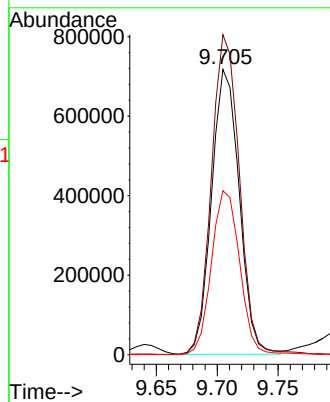
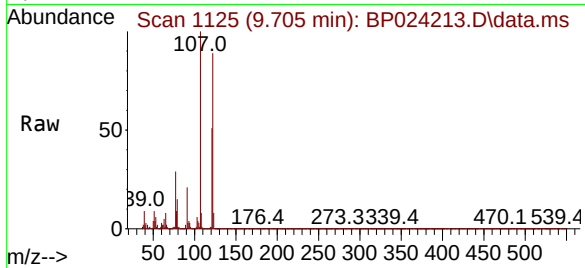
Tgt Ion:122 Resp: 1133961

Ion Ratio Lower Upper

122 100

107 112.1 89.3 133.9

121 57.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.249 ng

RT: 9.934 min Scan# 1164

Delta R.T. -0.029 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

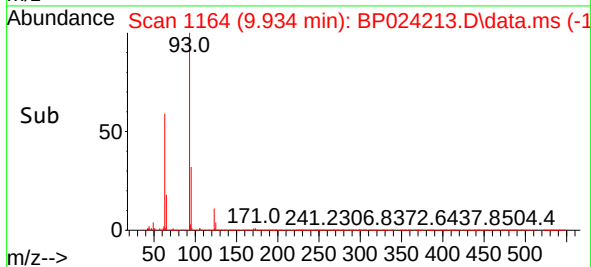
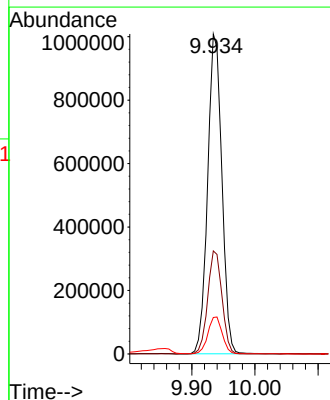
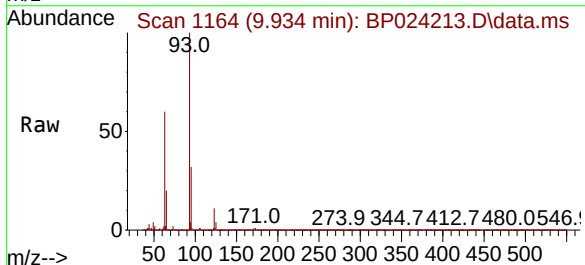
Tgt Ion: 93 Resp: 1573265

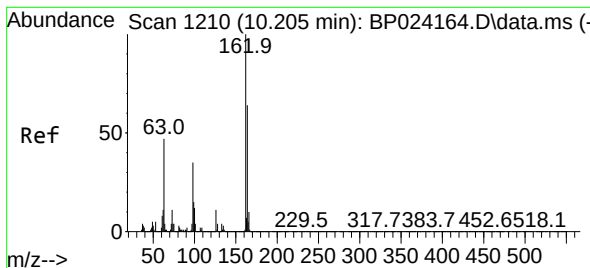
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.776 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.029 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

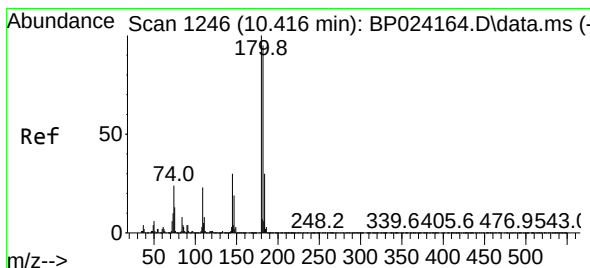
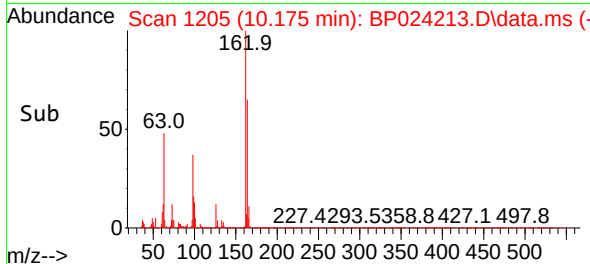
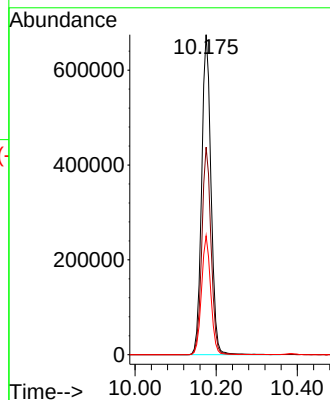
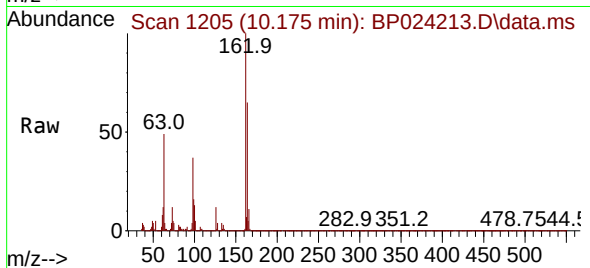
Tgt Ion:162 Resp: 1082112

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

98 37.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 43.873 ng

RT: 10.387 min Scan# 1241

Delta R.T. -0.029 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

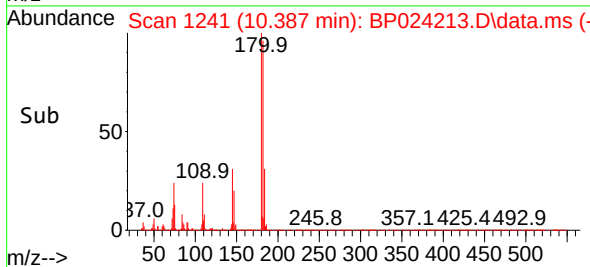
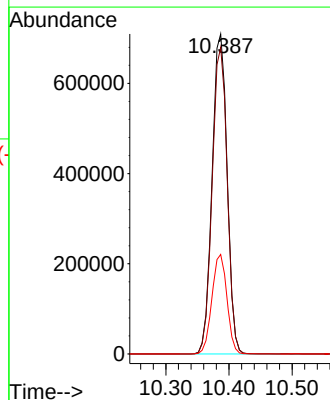
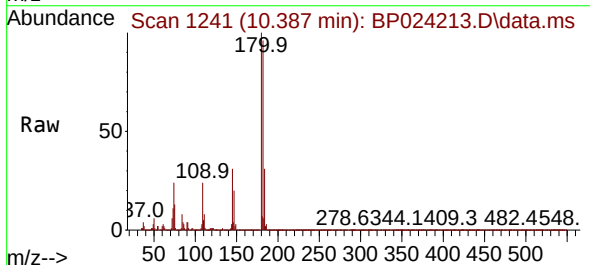
Tgt Ion:180 Resp: 1171441

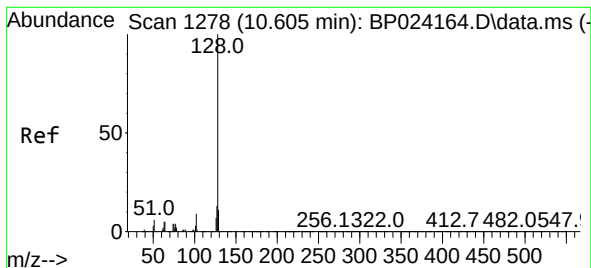
Ion Ratio Lower Upper

180 100

182 95.8 76.1 114.1

145 31.1 24.2 36.2

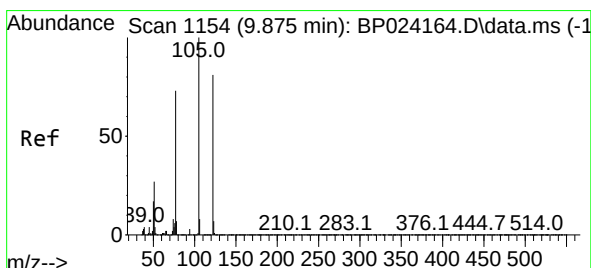
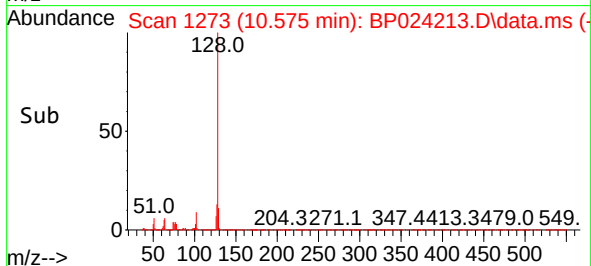
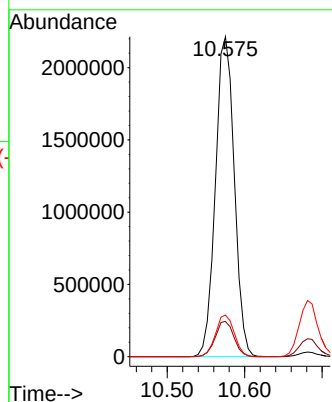
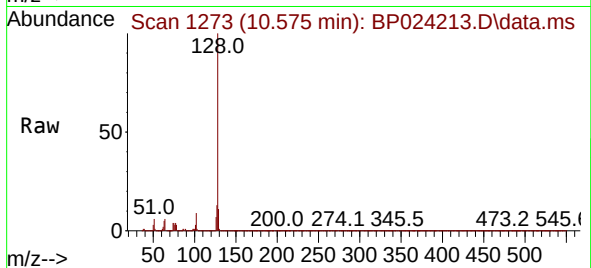




#31
Naphthalene
Concen: 42.455 ng
RT: 10.575 min Scan# 111
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

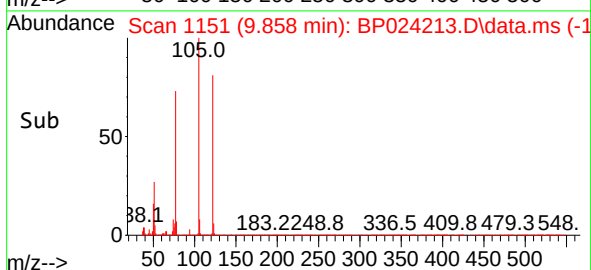
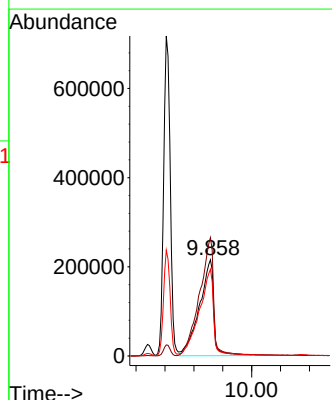
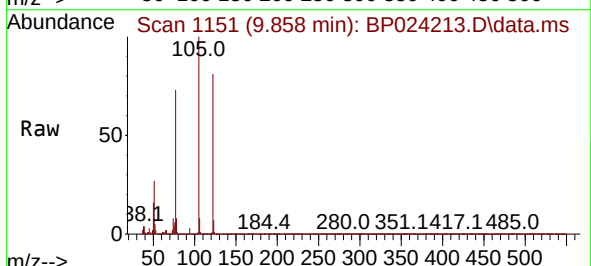
Instrument :
BNA_P
ClientSampleId :
PB167474BS

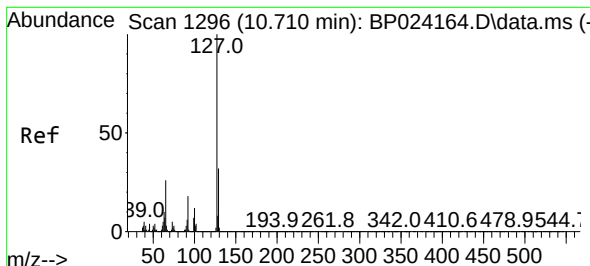
Tgt Ion:128 Resp: 3743698
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 43.056 ng
RT: 9.858 min Scan# 1151
Delta R.T. -0.017 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:122 Resp: 750176
Ion Ratio Lower Upper
122 100
105 123.1 100.3 140.3
77 90.1 69.1 109.1

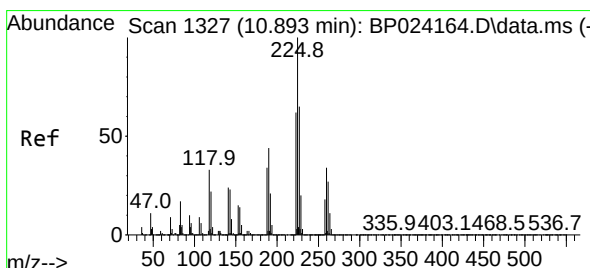
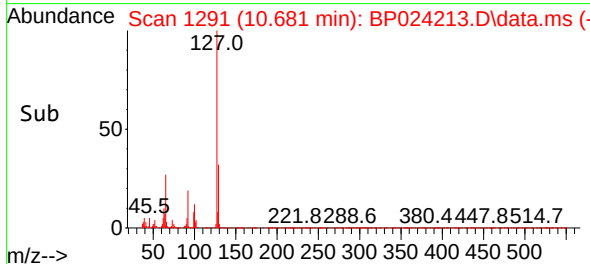
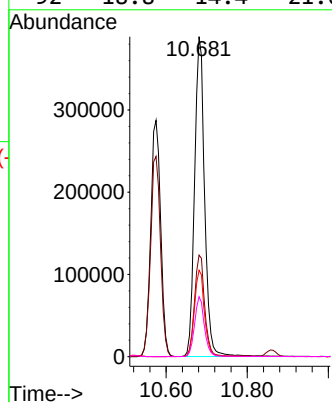
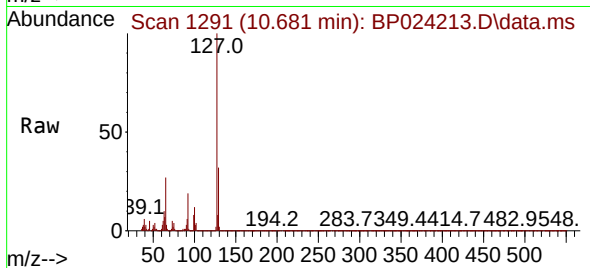




#33
4-Chloroaniline
Concen: 21.219 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

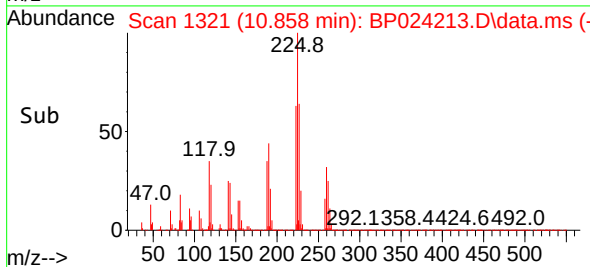
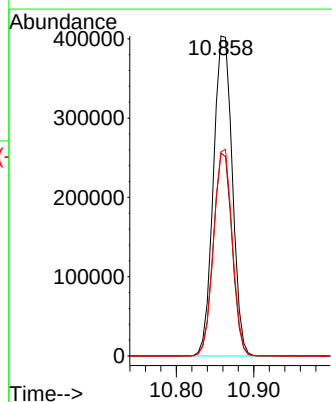
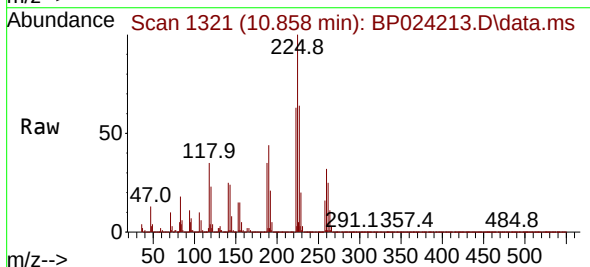
Instrument :
BNA_P
ClientSampleId :
PB167474BS

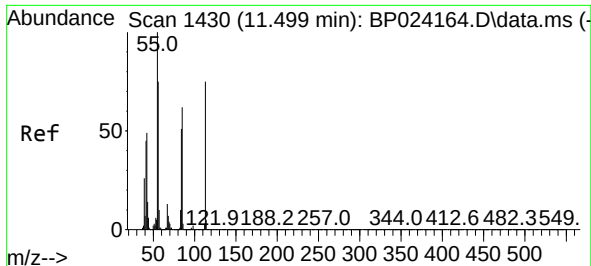
Tgt Ion:	127	Resp:	669606
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	27.0	21.2	31.8
92	18.8	14.4	21.6



#34
Hexachlorobutadiene
Concen: 44.429 ng
RT: 10.858 min Scan# 1321
Delta R.T. -0.035 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:	225	Resp:	682737
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	63.8	52.2	78.2

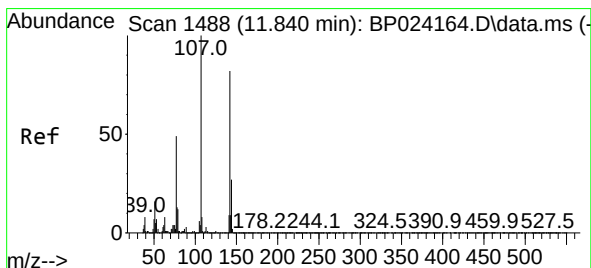
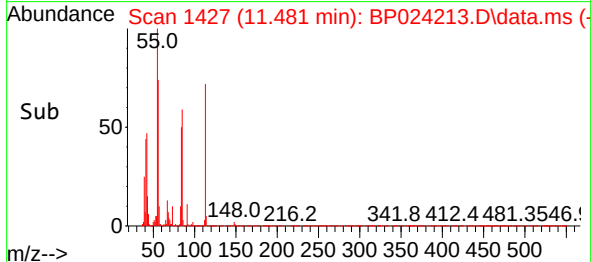
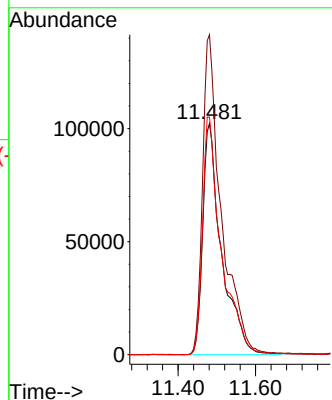
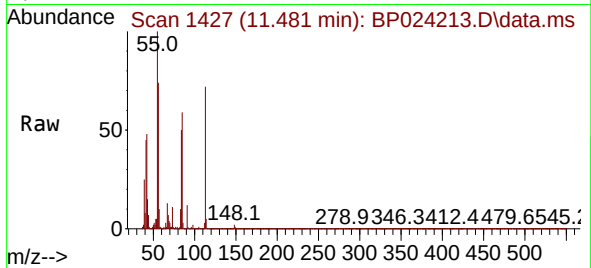




#35
 Caprolactam
 Concen: 43.361 ng
 RT: 11.481 min Scan# 1430
 Delta R.T. -0.018 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

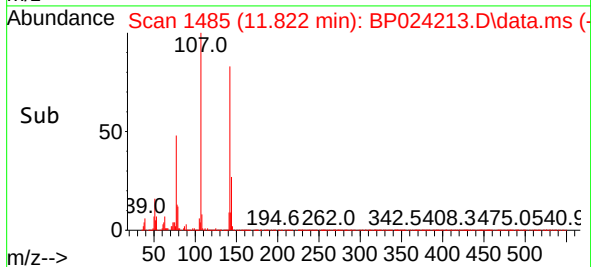
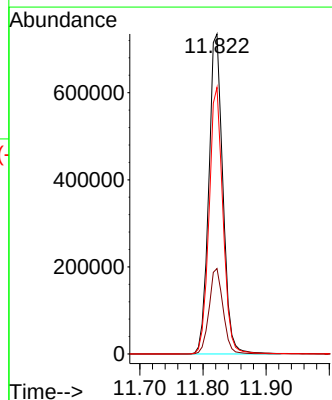
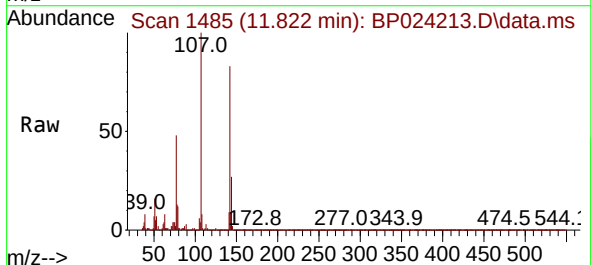
Instrument :
 BNA_P
 ClientSampleId :
 PB167474BS

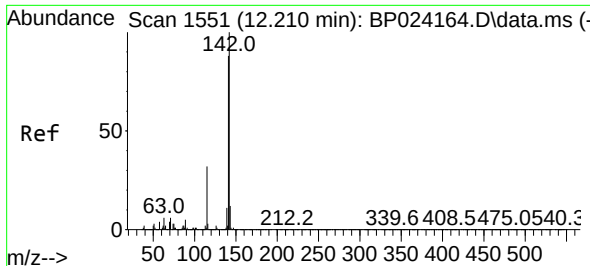
Tgt Ion:113 Resp: 343442
 Ion Ratio Lower Upper
 113 100
 55 138.4 113.6 153.6
 56 102.8 80.0 120.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.706 ng
 RT: 11.822 min Scan# 1485
 Delta R.T. -0.018 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

Tgt Ion:107 Resp: 1139474
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.6 32.4
 142 83.3 65.4 98.0

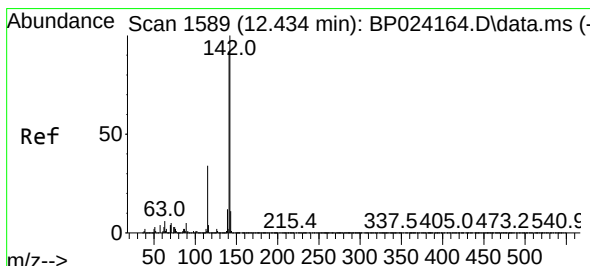
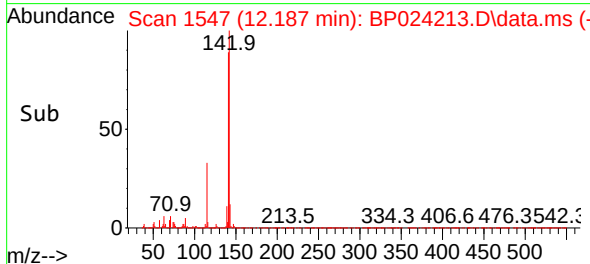
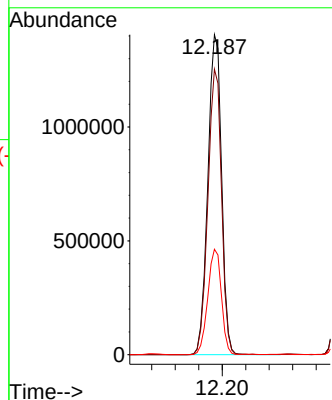
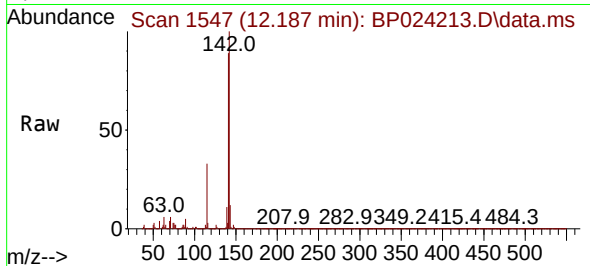




#37
2-Methylnaphthalene
Concen: 38.297 ng
RT: 12.187 min Scan# 1547
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

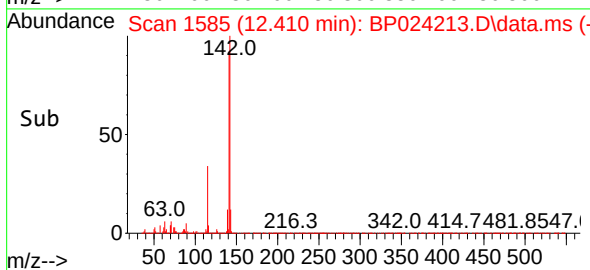
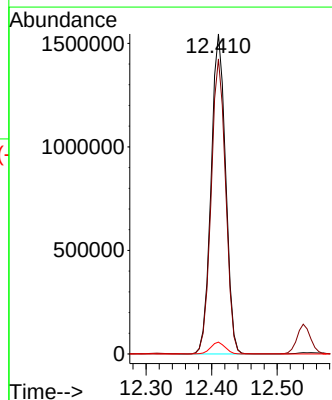
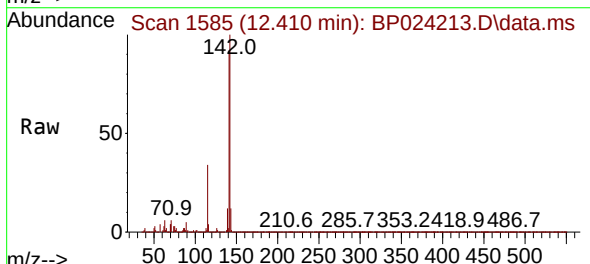
Instrument :
BNA_P
ClientSampleId :
PB167474BS

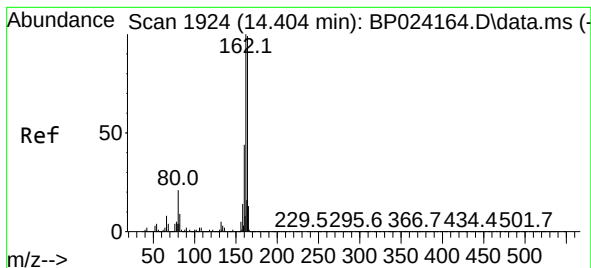
Tgt Ion:142 Resp: 2281446
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 33.0 26.0 39.0



#38
1-Methylnaphthalene
Concen: 41.093 ng
RT: 12.410 min Scan# 1585
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:142 Resp: 2380994
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1924

Delta R.T. -0.018 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

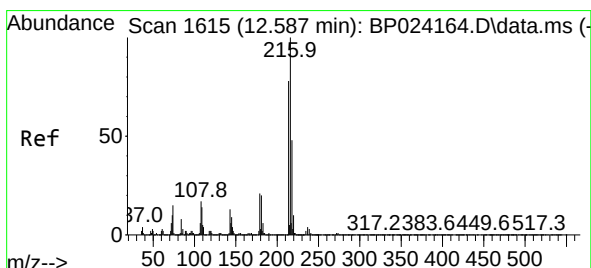
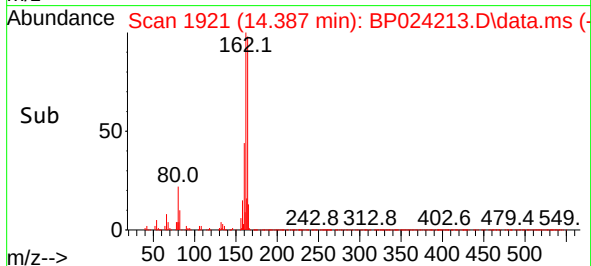
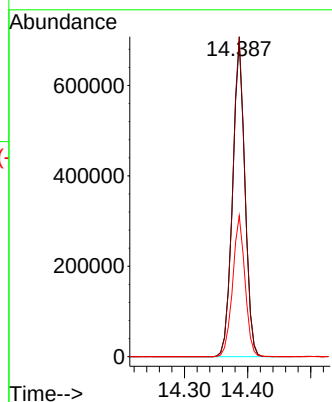
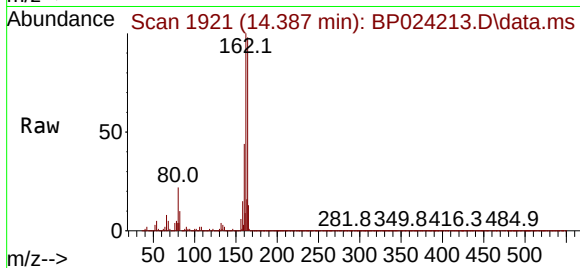
Tgt Ion:164 Resp: 944043

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

160 44.8 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.785 ng

RT: 12.563 min Scan# 1611

Delta R.T. -0.023 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Tgt Ion:216 Resp: 1194871

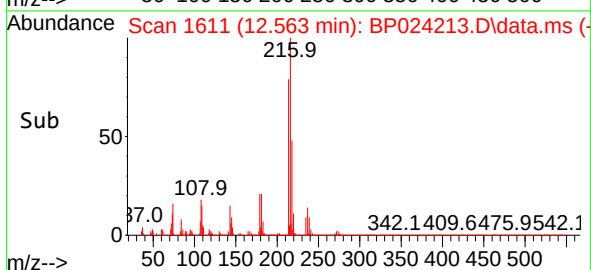
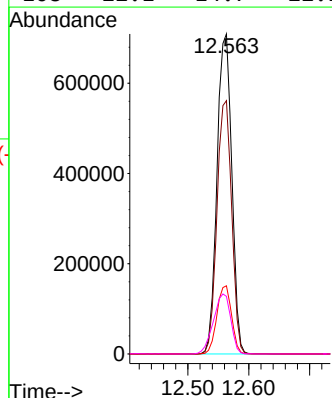
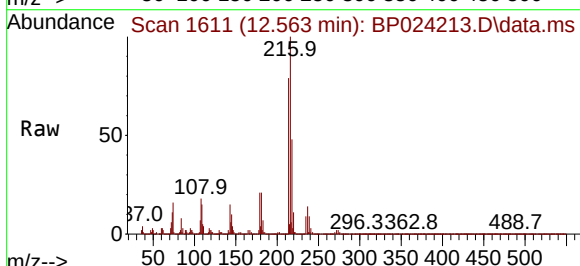
Ion Ratio Lower Upper

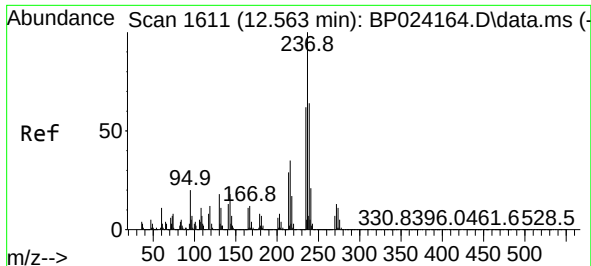
216 100

214 79.0 62.8 94.2

179 21.2 16.8 25.2

108 22.1 14.7 22.1#

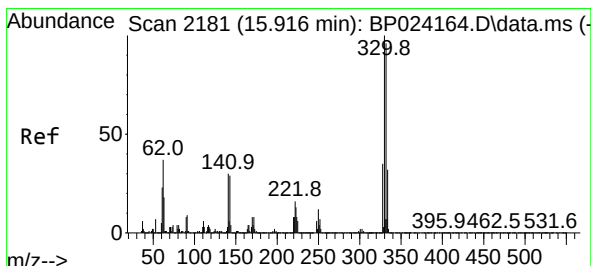
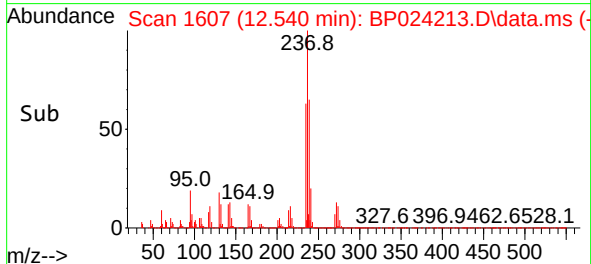
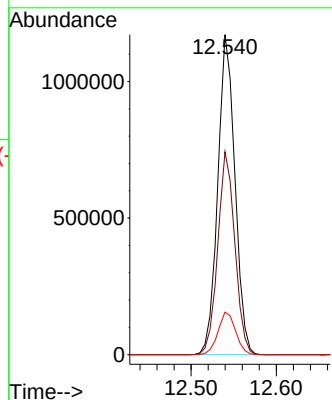
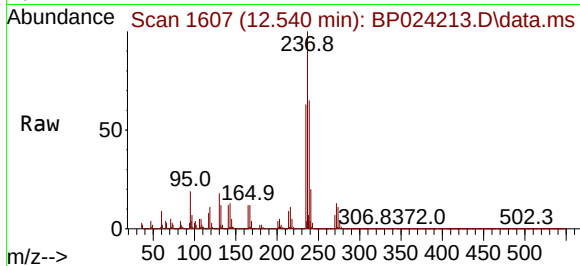




#41
Hexachlorocyclopentadiene
Concen: 166.606 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

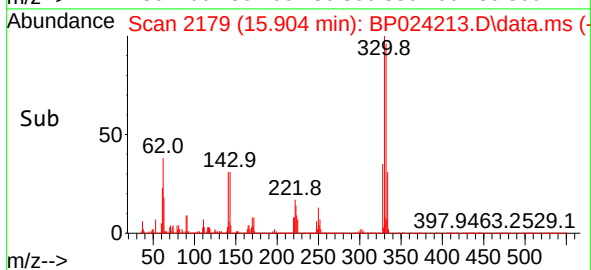
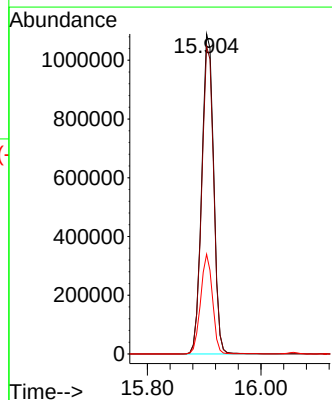
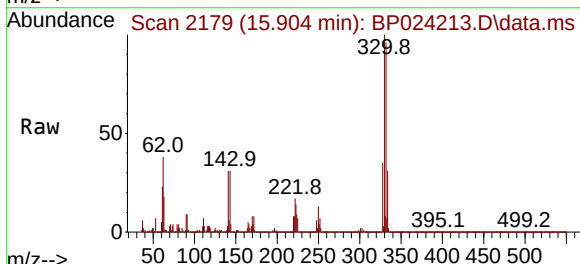
Instrument :
BNA_P
ClientSampleId :
PB167474BS

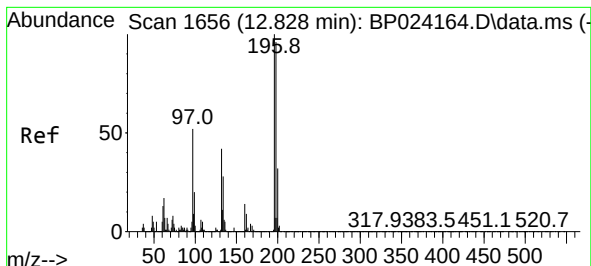
Tgt Ion:237 Resp: 1638893
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 133.578 ng
RT: 15.904 min Scan# 2179
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:330 Resp: 1588438
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 30.9 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 46.974 ng

RT: 12.804 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

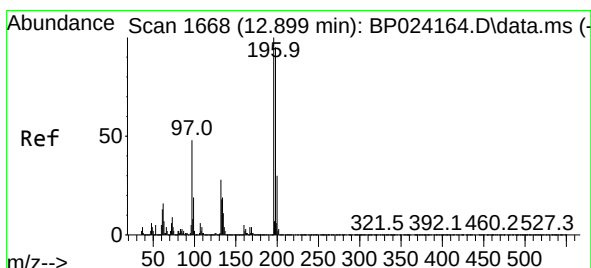
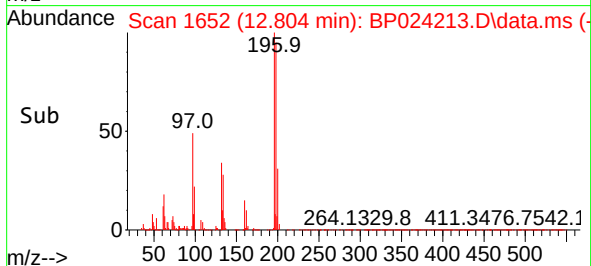
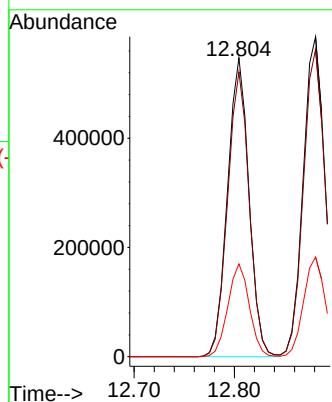
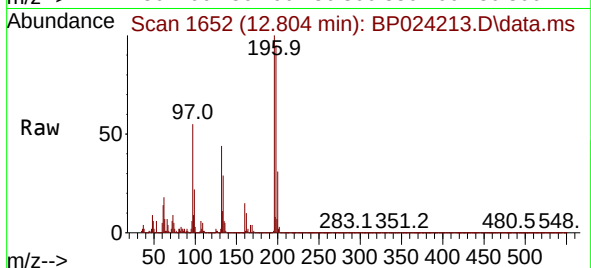
Tgt Ion:196 Resp: 814676

Ion Ratio Lower Upper

196 100

198 95.3 76.6 115.0

200 31.1 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 46.734 ng

RT: 12.881 min Scan# 1665

Delta R.T. -0.018 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Tgt Ion:196 Resp: 888862

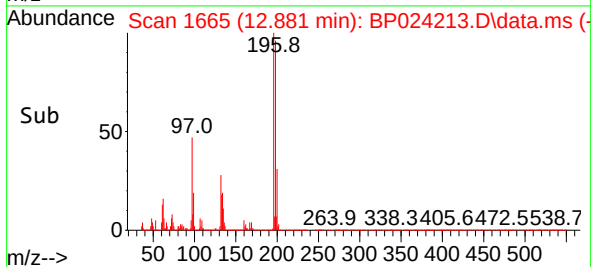
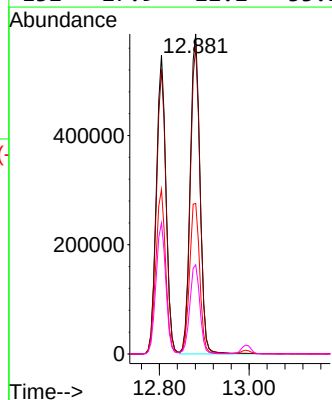
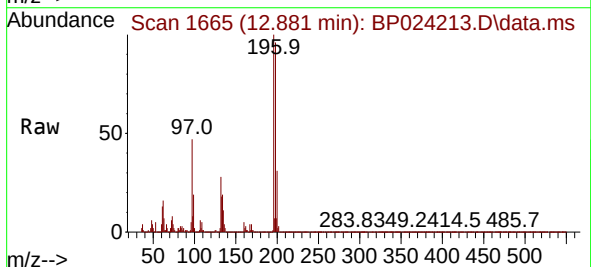
Ion Ratio Lower Upper

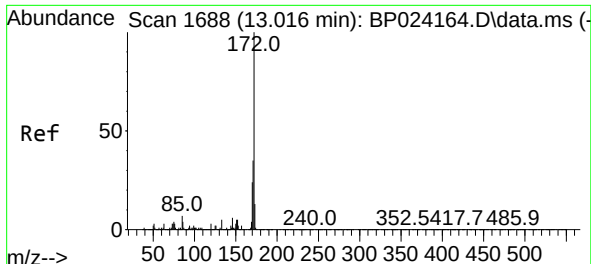
196 100

198 96.0 76.5 114.7

97 47.0 38.7 58.1

132 27.9 22.2 33.2

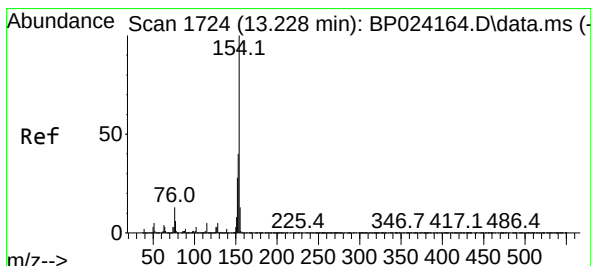
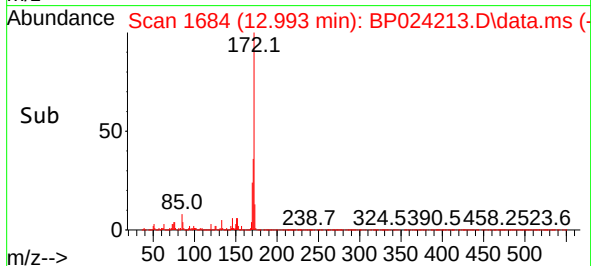
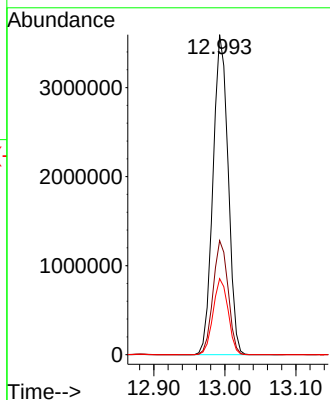
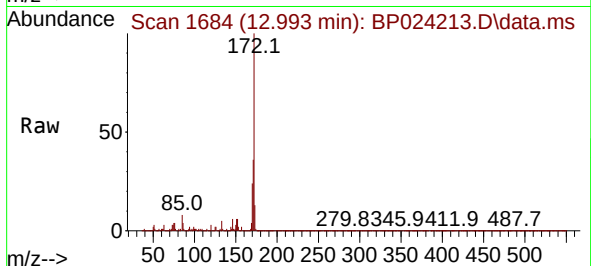




#45
2-Fluorobiphenyl
Concen: 82.897 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

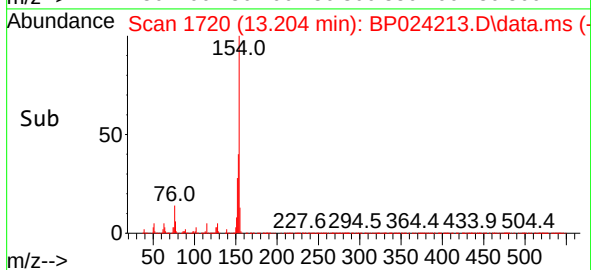
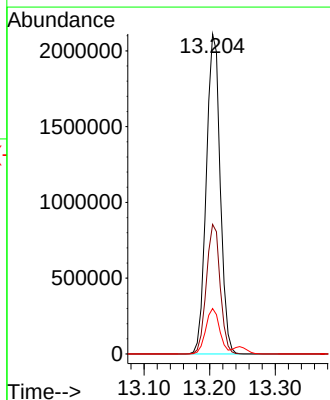
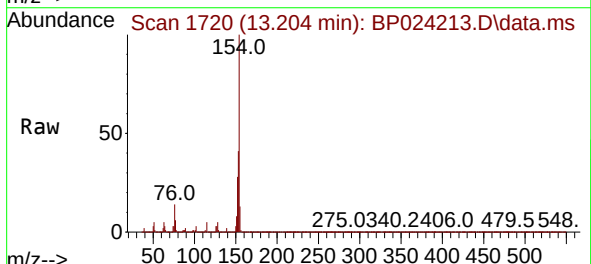
Instrument :
BNA_P
ClientSampleId :
PB167474BS

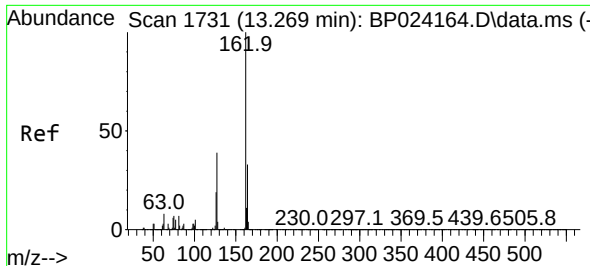
Tgt Ion:172 Resp: 5307334
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.742 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:154 Resp: 3103109
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 14.2 0.0 32.9

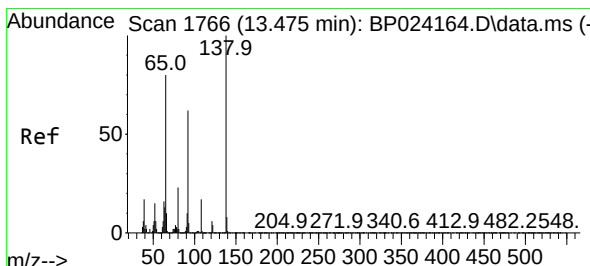
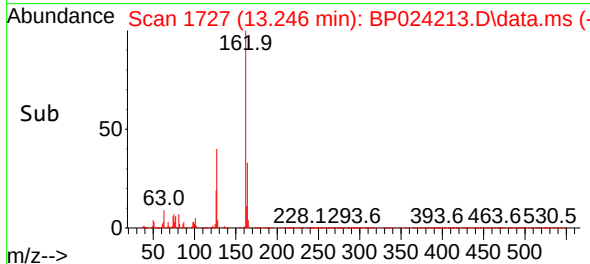
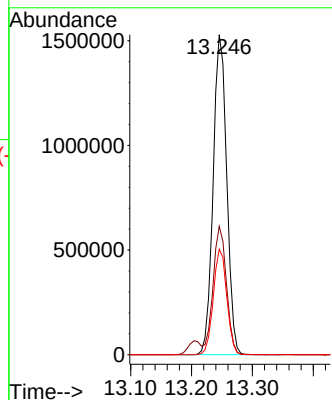
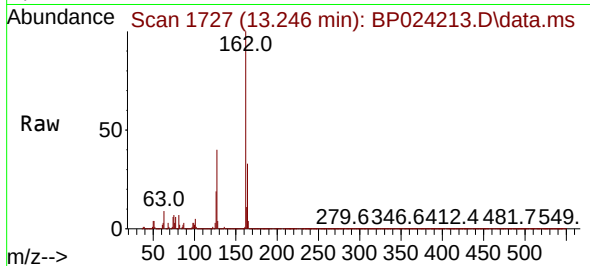




#47
2-Chloronaphthalene
Concen: 44.388 ng
RT: 13.246 min Scan# 1727
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

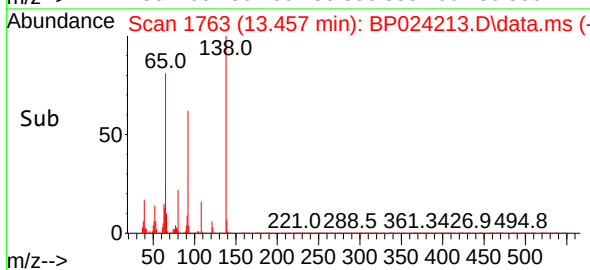
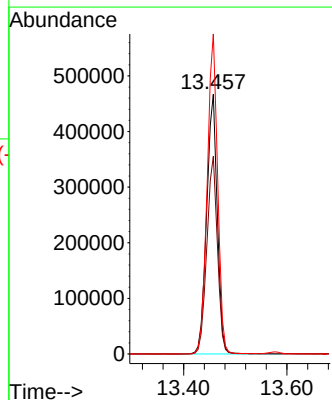
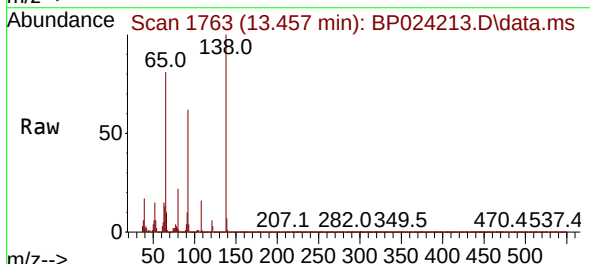
Instrument :
BNA_P
ClientSampleId :
PB167474BS

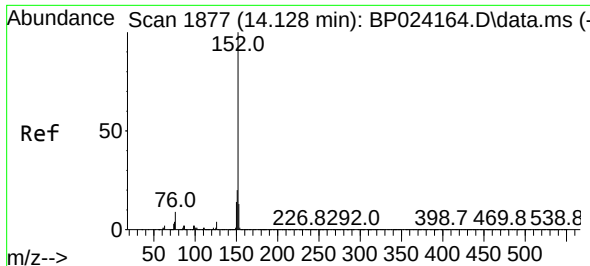
Tgt Ion:162 Resp: 2368493
Ion Ratio Lower Upper
162 100
127 40.1 31.5 47.3
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 48.929 ng
RT: 13.457 min Scan# 1763
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 65 Resp: 667776
Ion Ratio Lower Upper
65 100
92 76.0 62.1 93.1
138 123.1 99.5 149.3

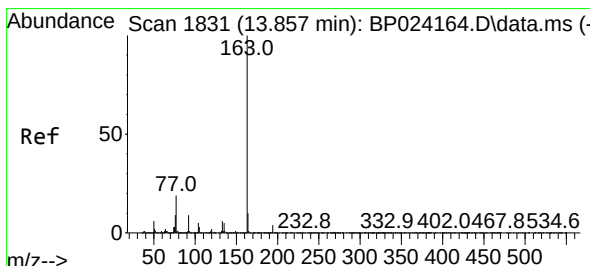
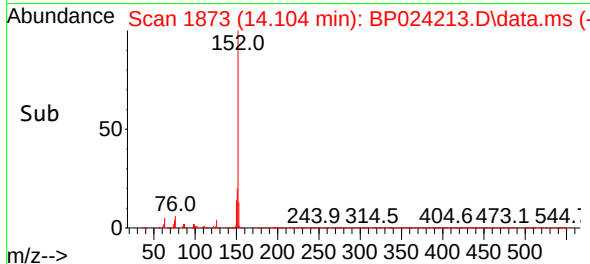
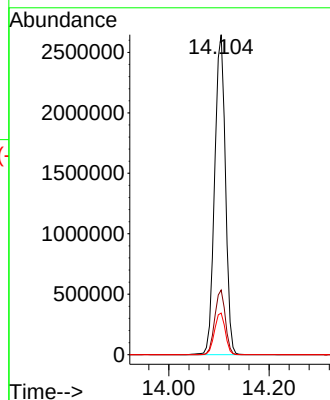
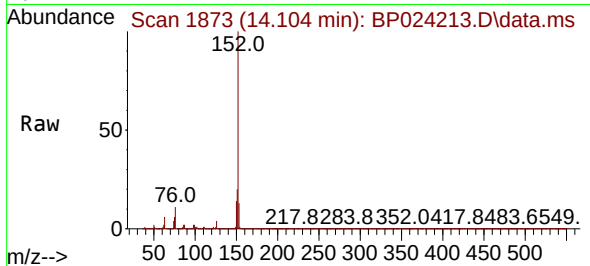




#49
Acenaphthylene
Concen: 48.678 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

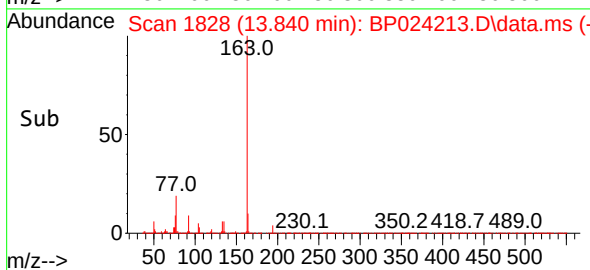
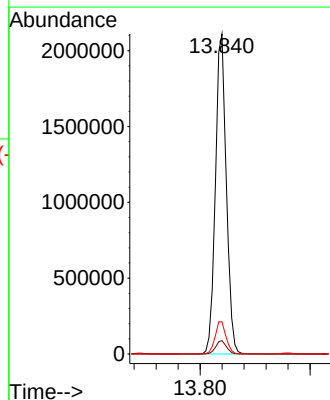
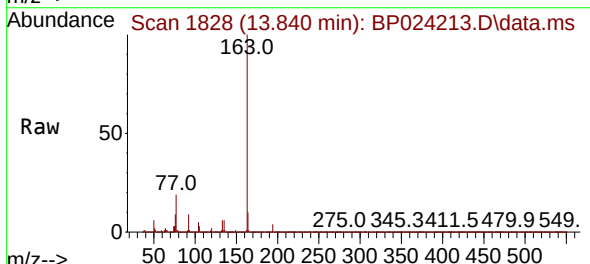
Instrument :
BNA_P
ClientSampleId :
PB167474BS

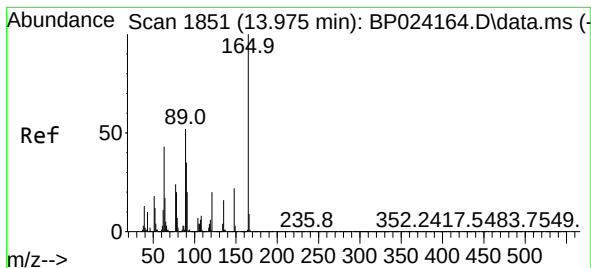
Tgt Ion:152 Resp: 3930242
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 43.947 ng
RT: 13.840 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:163 Resp: 2902999
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.2 12.4

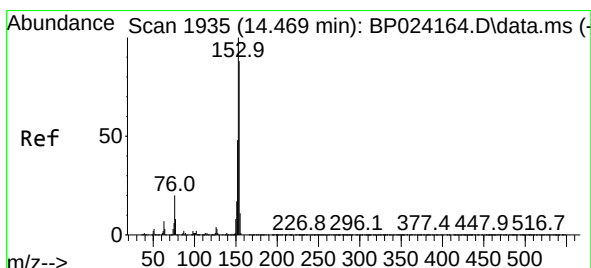
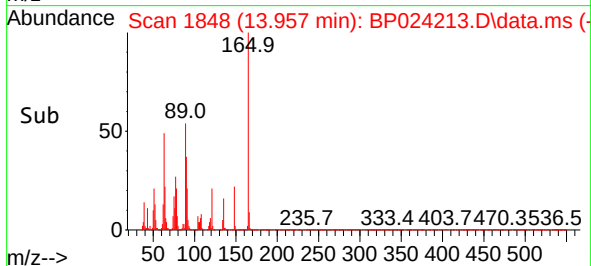
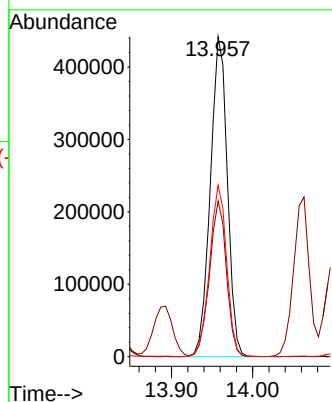
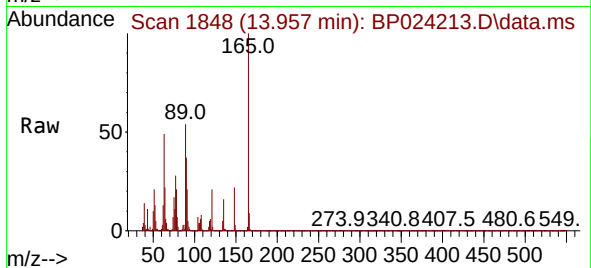




#51
2,6-Dinitrotoluene
Concen: 46.231 ng
RT: 13.957 min Scan# 1851
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

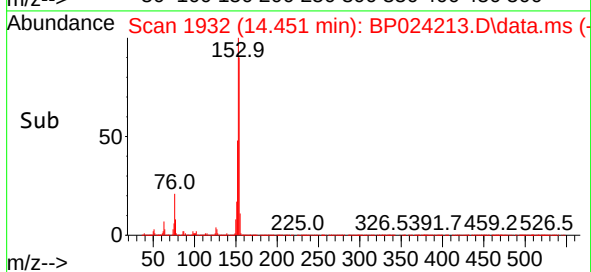
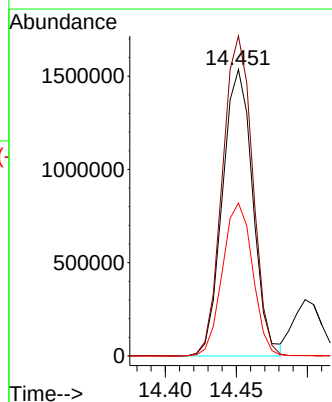
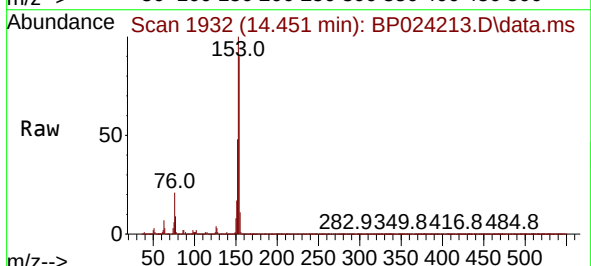
Instrument :
BNA_P
ClientSampleId :
PB167474BS

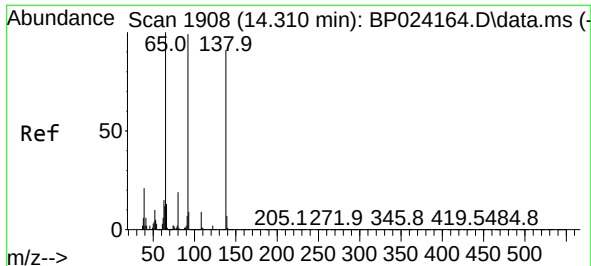
Tgt Ion:165 Resp: 642545
Ion Ratio Lower Upper
165 100
63 48.6 37.7 56.5
89 53.6 41.9 62.9



#52
Acenaphthene
Concen: 44.228 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:154 Resp: 2281542
Ion Ratio Lower Upper
154 100
153 111.7 90.5 135.7
152 53.4 43.1 64.7

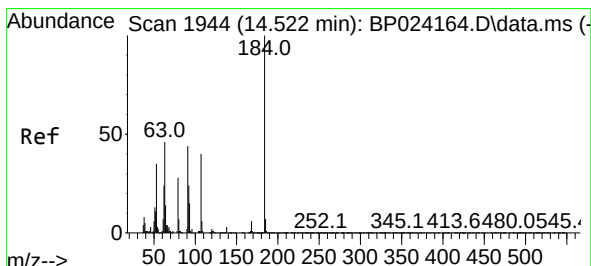
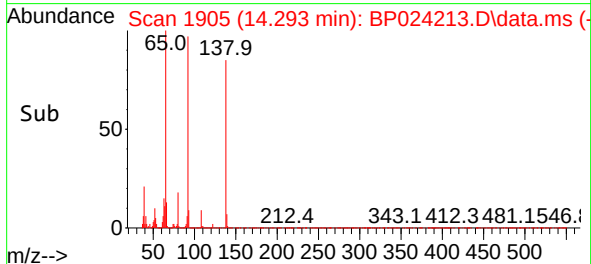
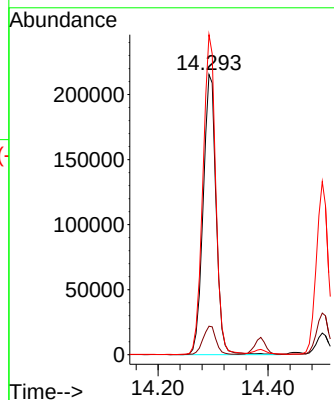
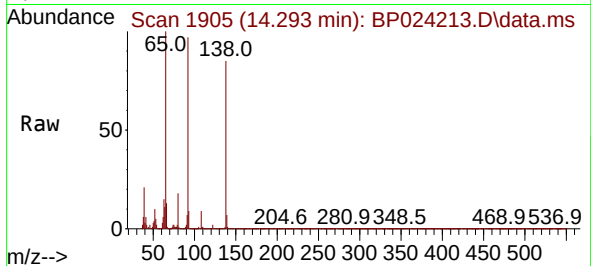




#53
3-Nitroaniline
Concen: 23.421 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

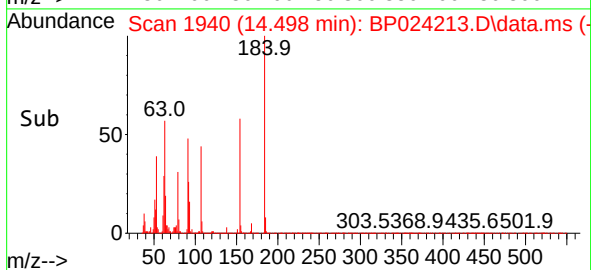
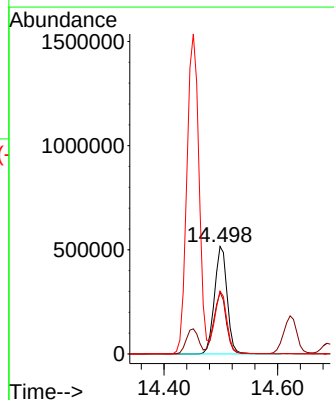
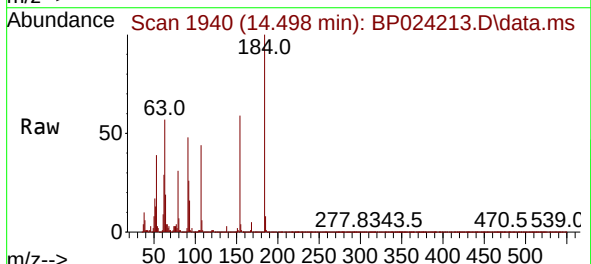
Instrument :
BNA_P
ClientSampleId :
PB167474BS

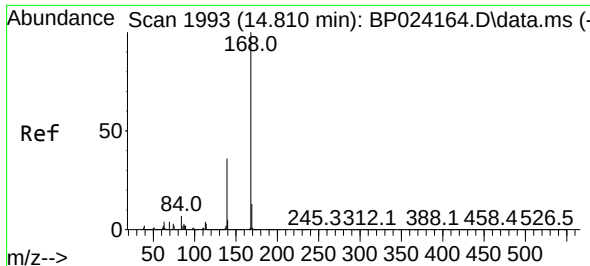
Tgt Ion:138 Resp: 351575
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 114.2 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 108.426 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.024 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:184 Resp: 797386
Ion Ratio Lower Upper
184 100
63 57.4 42.1 63.1
154 58.5 44.6 67.0

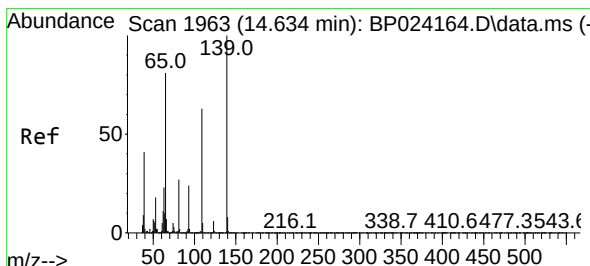
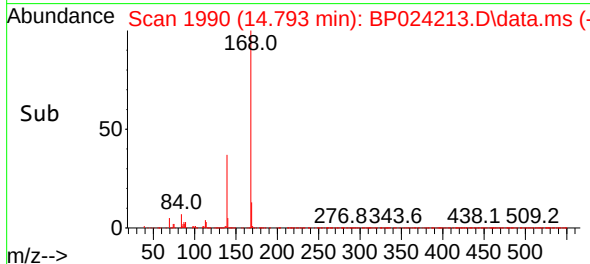
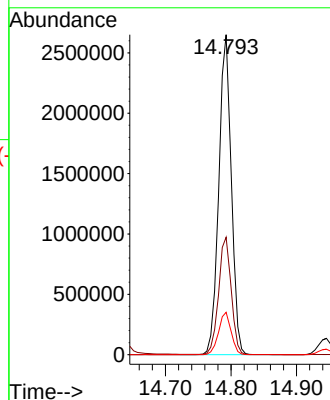
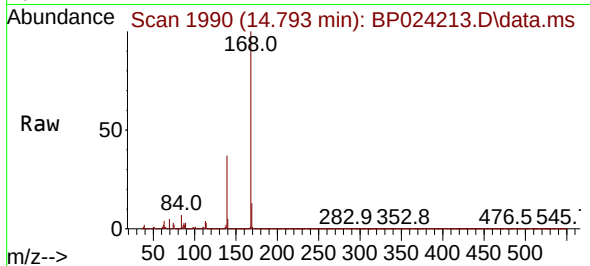




#55
Dibenzenofuran
Concen: 41.717 ng
RT: 14.793 min Scan# 1990
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

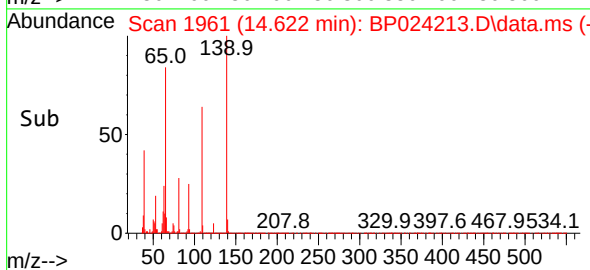
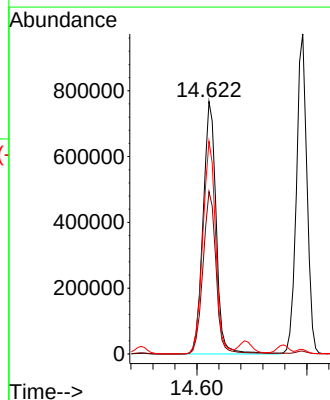
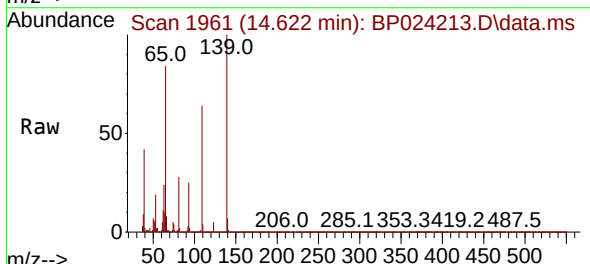
Instrument :
BNA_P
ClientSampleId :
PB167474BS

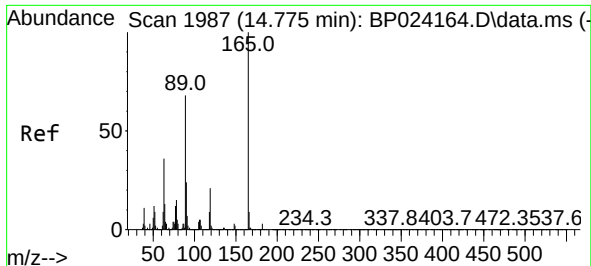
Tgt Ion:168 Resp: 3485847
Ion Ratio Lower Upper
168 100
139 36.7 29.1 43.7
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 100.774 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:139 Resp: 1264023
Ion Ratio Lower Upper
139 100
109 64.3 43.3 83.3
65 84.2 61.2 101.2



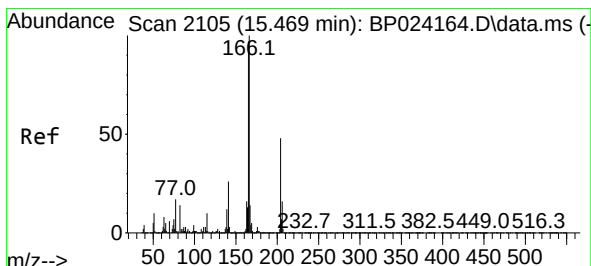
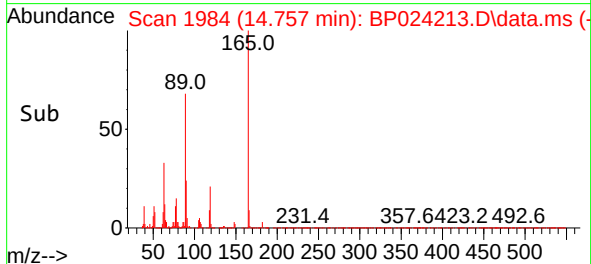
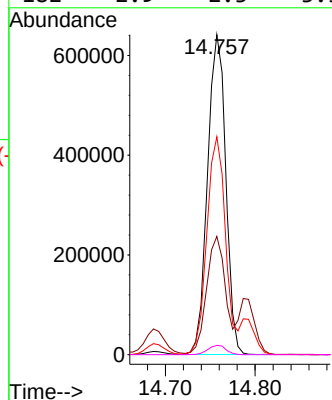
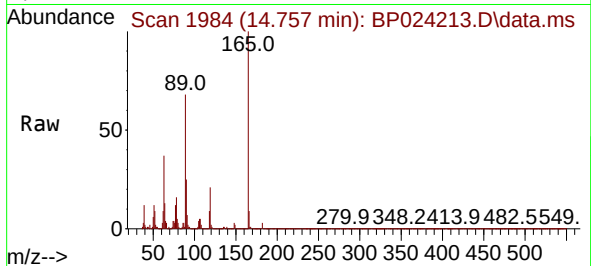


#57
2,4-Dinitrotoluene
Concen: 49.337 ng
RT: 14.757 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:165 Resp: 905760

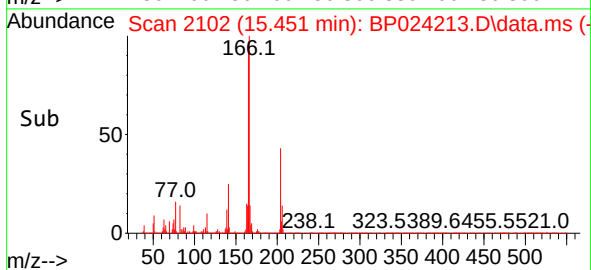
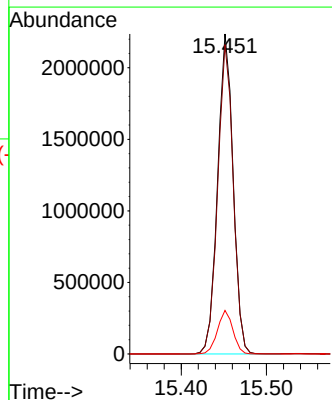
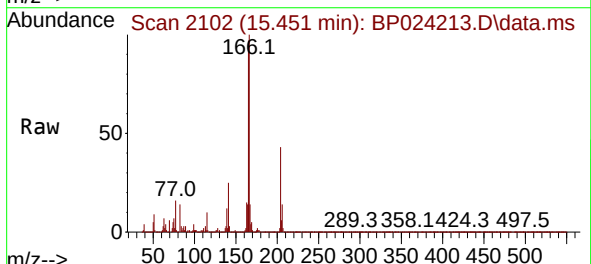
Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	68.1	54.2	81.4
182	2.9	2.3	3.5

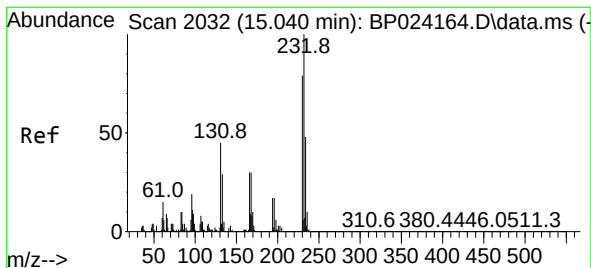


#58
Fluorene
Concen: 43.592 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:166 Resp: 2838026

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.6	116.4
167	13.6	10.8	16.2



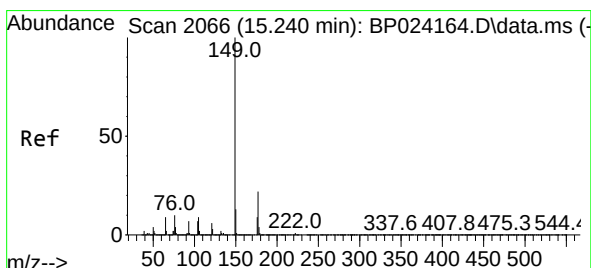
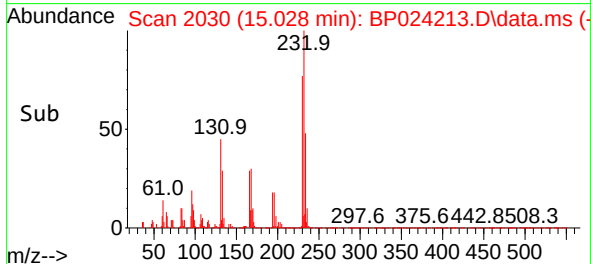
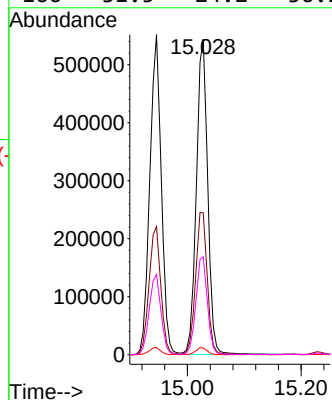
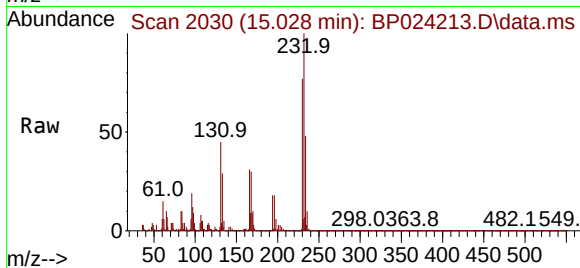


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.072 ng
RT: 15.028 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:232 Resp: 757390

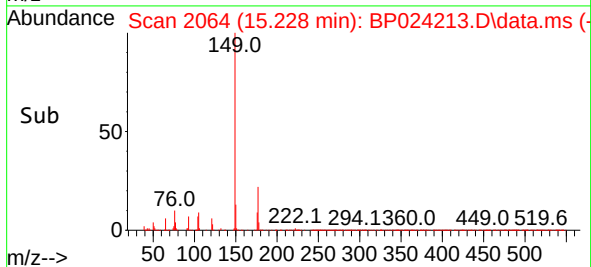
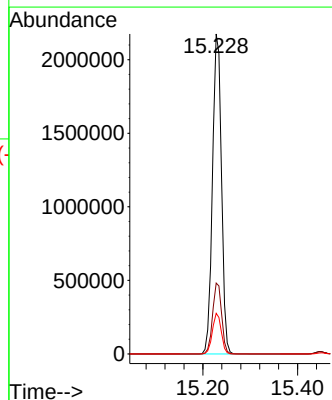
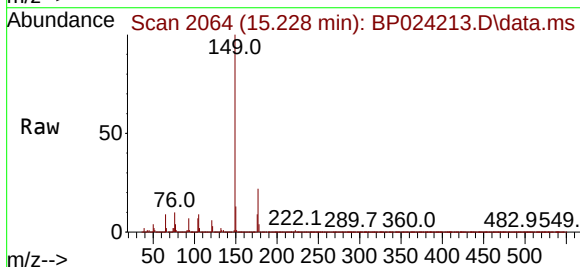
Ion	Ratio	Lower	Upper
232	100		
131	46.5	35.9	53.9
130	2.2	1.8	2.6
166	31.5	24.2	36.2

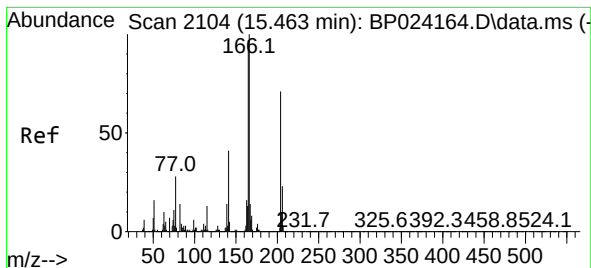


#60
Diethylphthalate
Concen: 43.599 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:149 Resp: 2867989

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.7	10.2	15.4

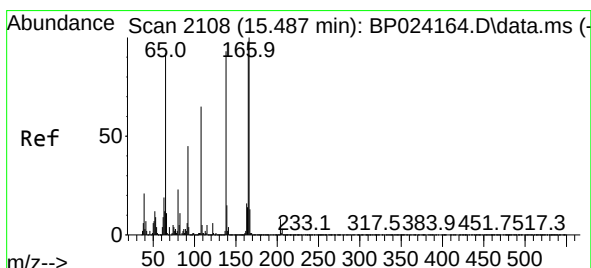
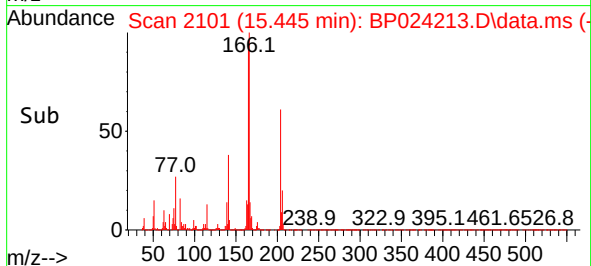
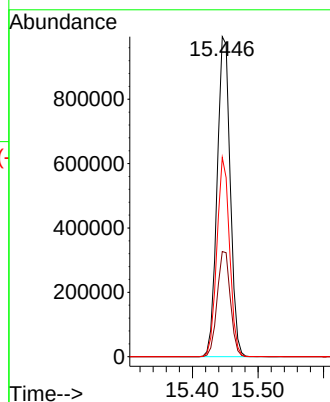
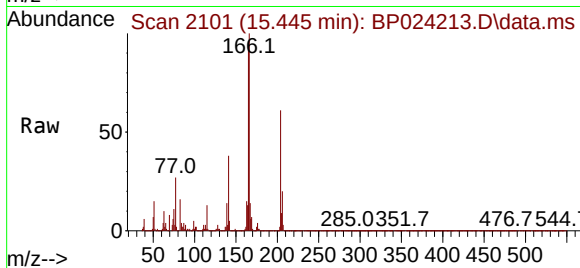




#61
4-Chlorophenyl-phenylether
Concen: 42.921 ng
RT: 15.445 min Scan# 2104
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

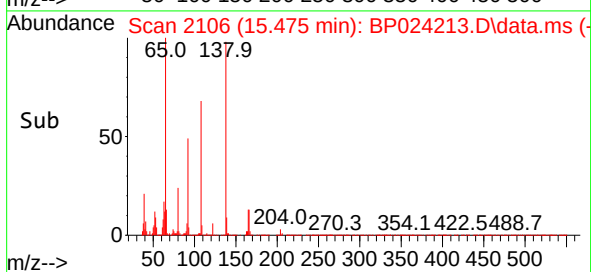
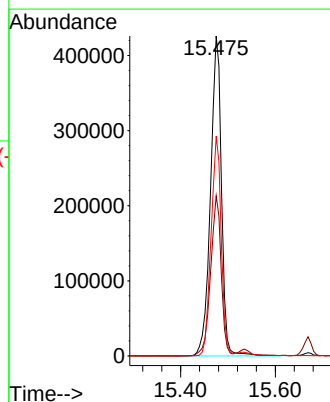
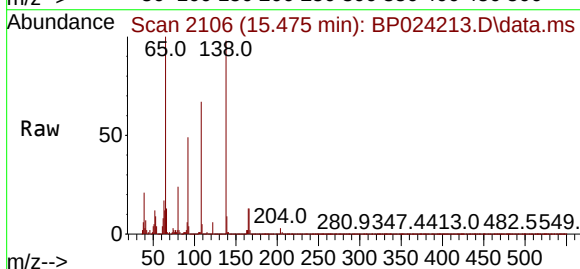
Instrument :
BNA_P
ClientSampleId :
PB167474BS

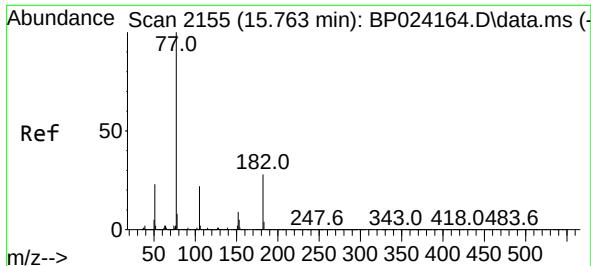
Tgt Ion:204 Resp: 1370547
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 62.2 45.8 68.8



#62
4-Nitroaniline
Concen: 43.579 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:138 Resp: 686113
Ion Ratio Lower Upper
138 100
92 50.0 28.7 68.7
108 68.7 49.5 89.5



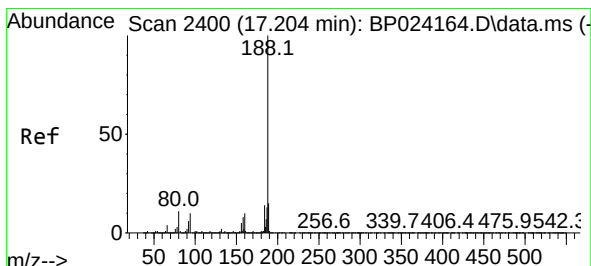
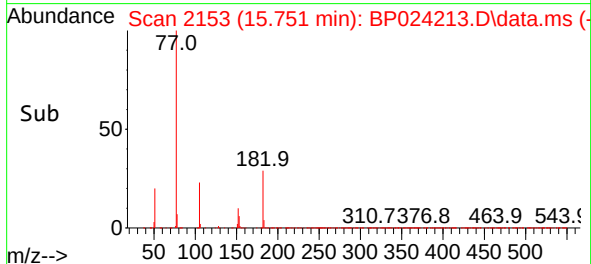
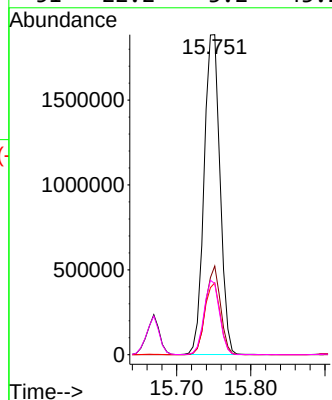
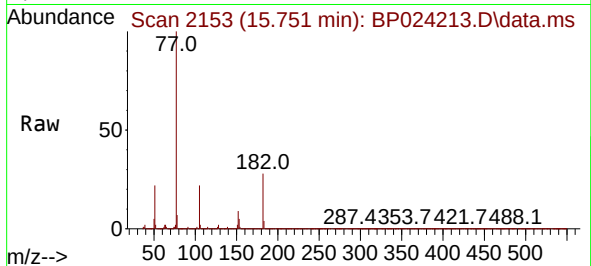


#63
Azobenzene
Concen: 45.488 ng
RT: 15.751 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 77 Resp: 2820252

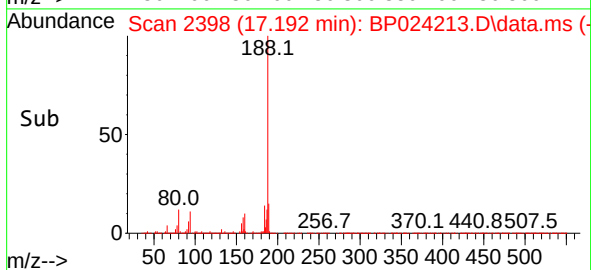
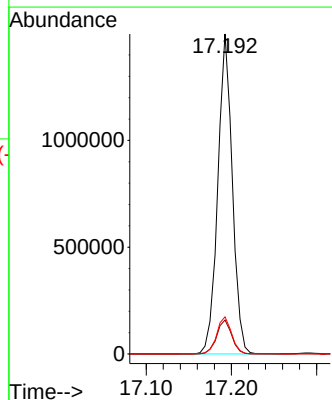
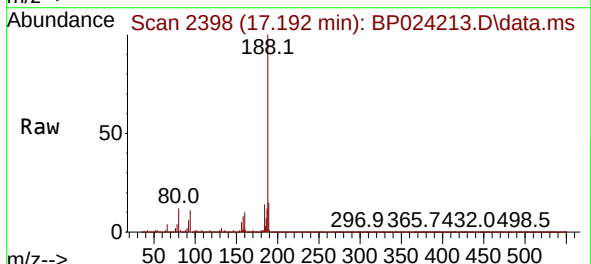
Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	22.4	2.3	42.3
51	22.2	3.2	43.2

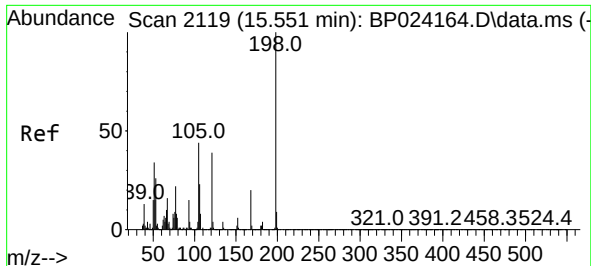


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 188 Resp: 1779009

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.6	8.9	13.3

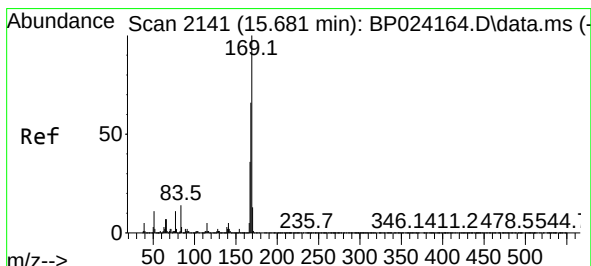
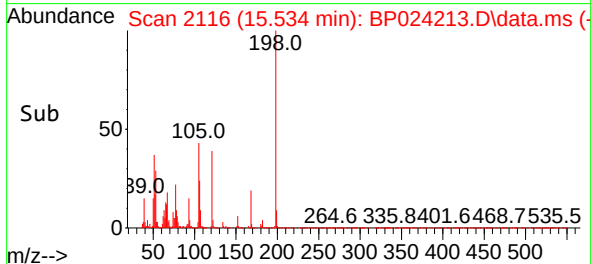
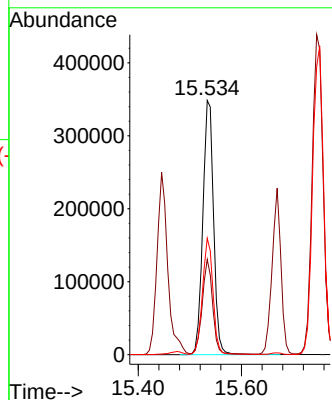
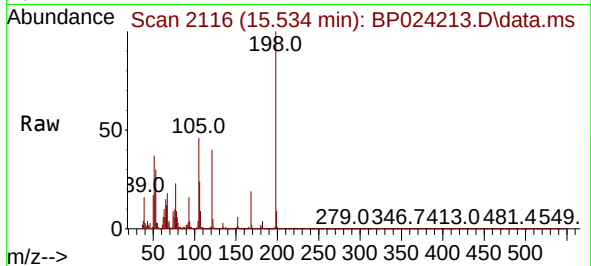




#65
4,6-Dinitro-2-methylphenol
Concen: 47.682 ng
RT: 15.534 min Scan# 2116
Delta R.T. -0.017 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

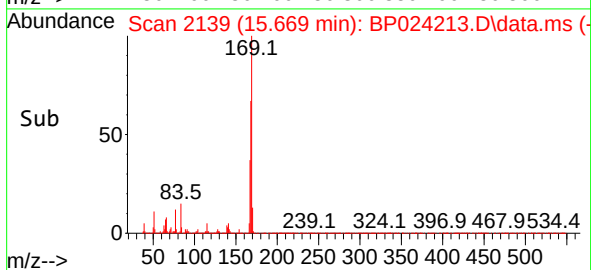
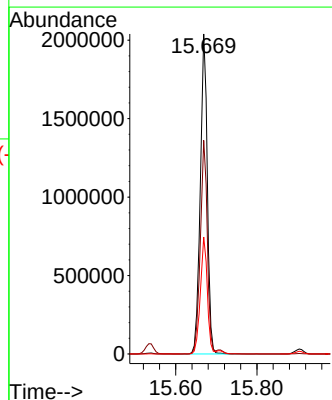
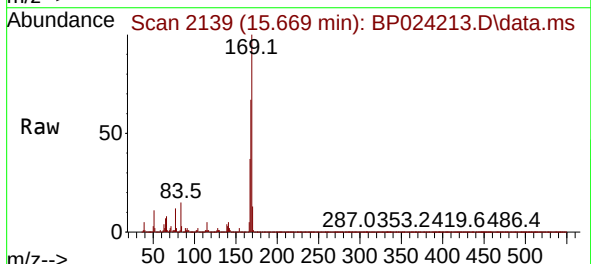
Instrument :
BNA_P
ClientSampleId :
PB167474BS

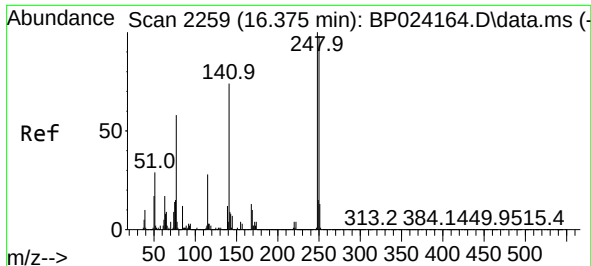
Tgt Ion:198 Resp: 503579
Ion Ratio Lower Upper
198 100
51 37.4 14.7 54.7
105 45.8 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 45.732 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:169 Resp: 2470564
Ion Ratio Lower Upper
169 100
168 66.8 52.9 79.3
167 36.5 28.8 43.2

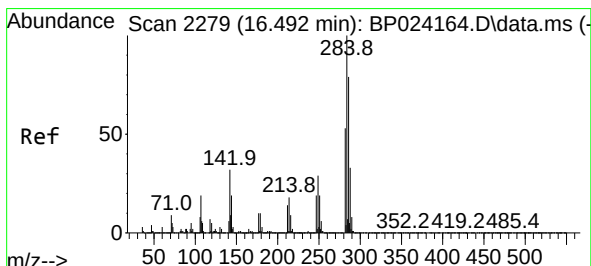
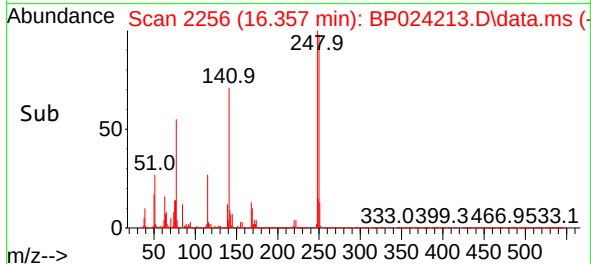
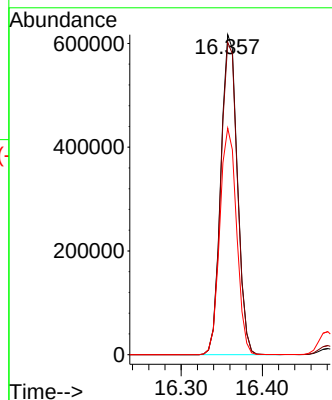
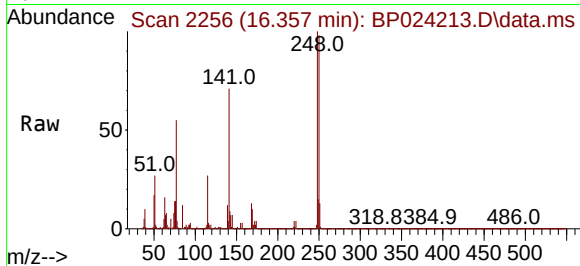




#67
4-Bromophenyl-phenylether
Concen: 44.861 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

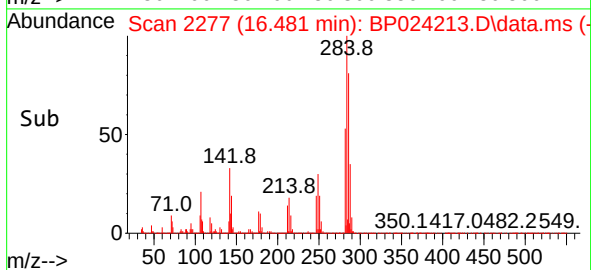
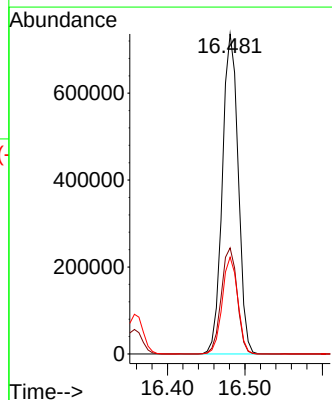
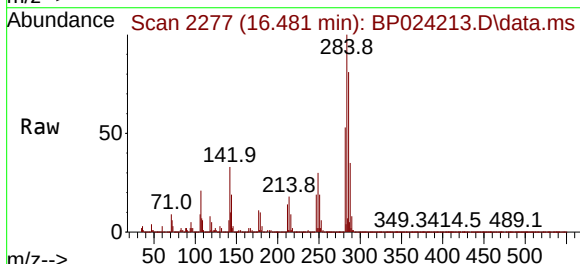
Instrument :
BNA_P
ClientSampleId :
PB167474BS

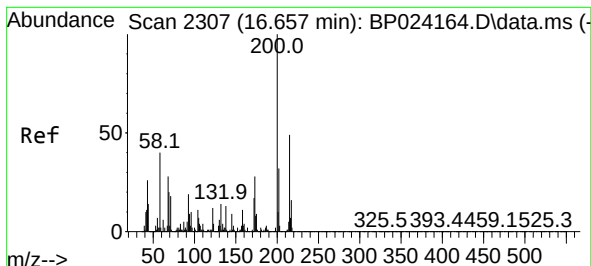
Tgt Ion:248 Resp: 876212
Ion Ratio Lower Upper
248 100
250 97.5 78.4 117.6
141 70.8 59.4 89.0



#68
Hexachlorobenzene
Concen: 45.259 ng
RT: 16.481 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:284 Resp: 1046300
Ion Ratio Lower Upper
284 100
142 33.2 25.4 38.2
249 30.2 23.5 35.3





#69

Atrazine

Concen: 65.769 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

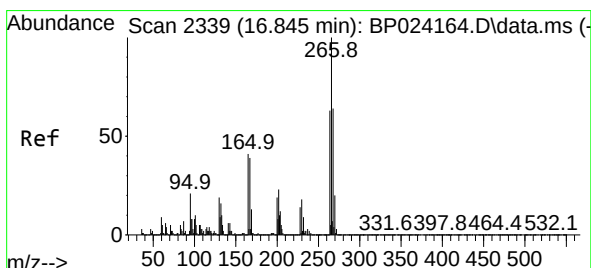
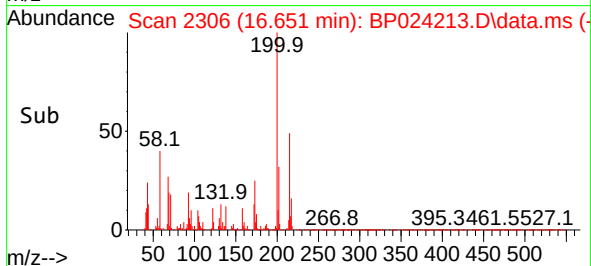
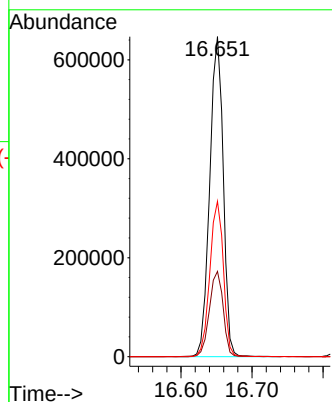
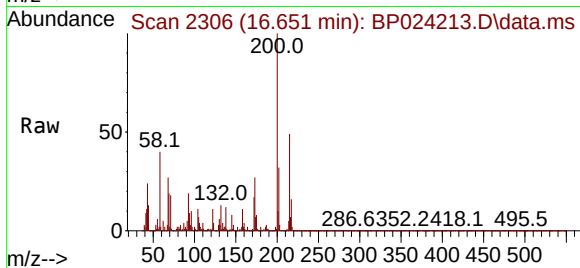
Tgt Ion:200 Resp: 857586

Ion Ratio Lower Upper

200 100

173 26.6 7.6 47.6

215 48.6 29.0 69.0



#70

Pentachlorophenol

Concen: 98.182 ng

RT: 16.840 min Scan# 2338

Delta R.T. -0.006 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

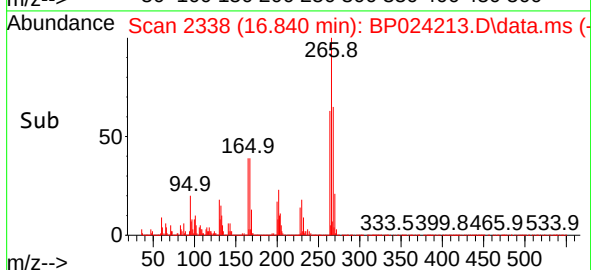
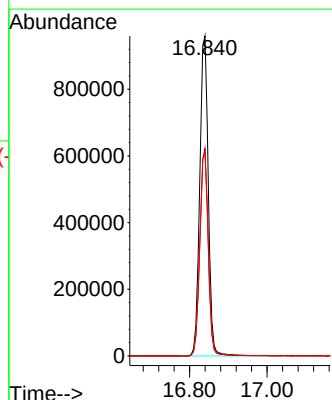
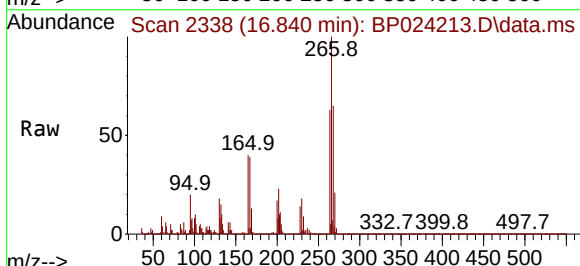
Tgt Ion:266 Resp: 1467830

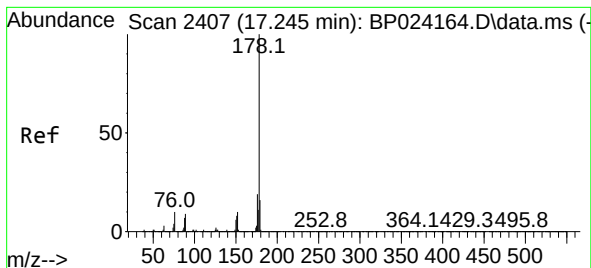
Ion Ratio Lower Upper

266 100

268 64.8 51.3 76.9

264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 44.809 ng

RT: 17.234 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

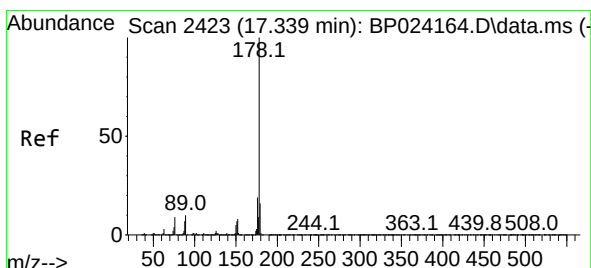
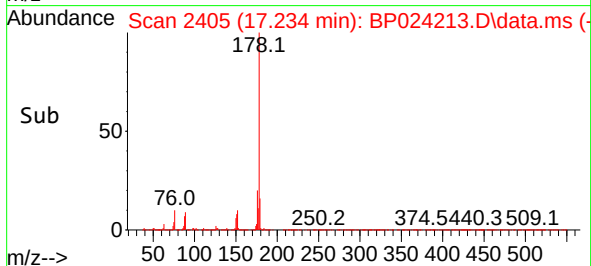
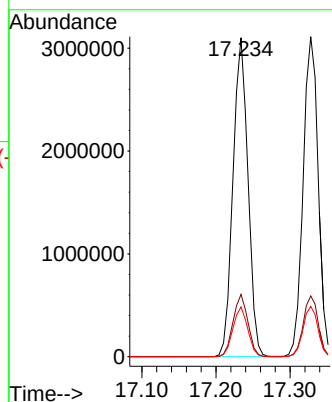
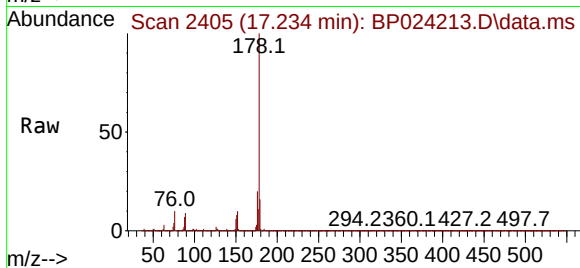
Tgt Ion:178 Resp: 4354818

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 46.701 ng

RT: 17.328 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

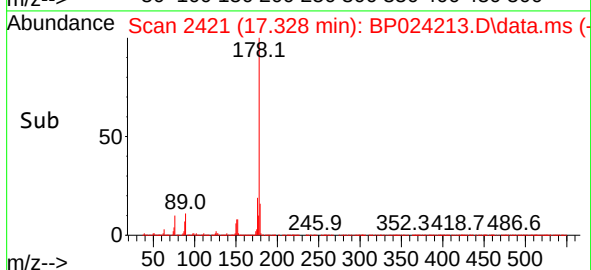
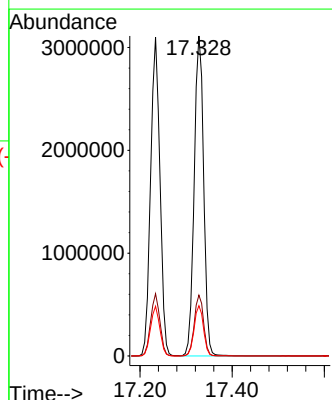
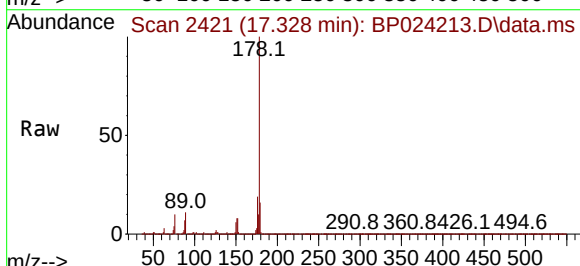
Tgt Ion:178 Resp: 4420553

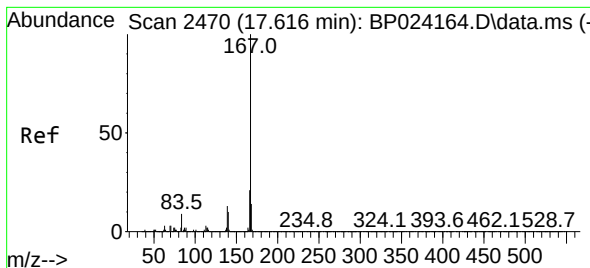
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.7 12.6 18.8





#73

Carbazole

Concen: 46.149 ng

RT: 17.610 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

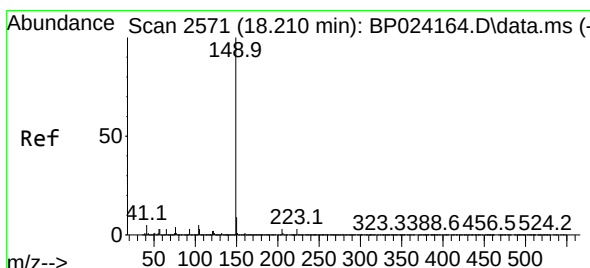
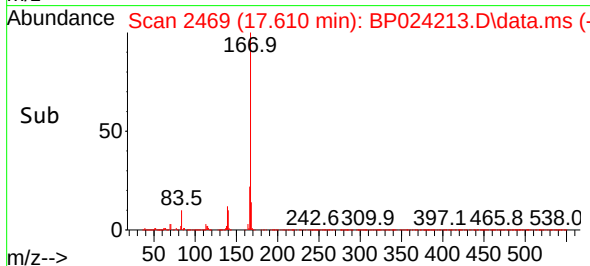
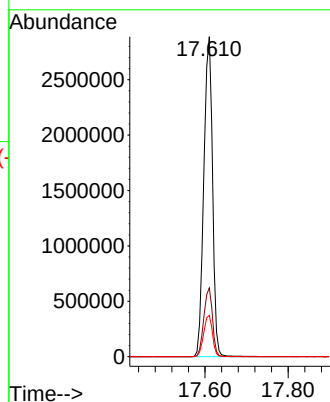
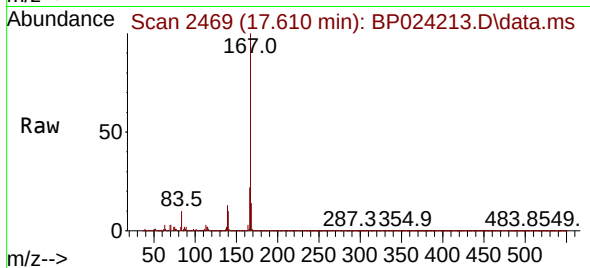
Tgt Ion:167 Resp: 4212646

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.727 ng

RT: 18.204 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

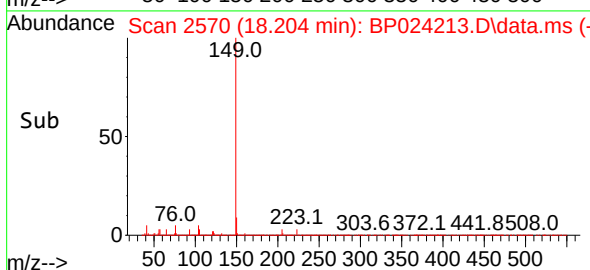
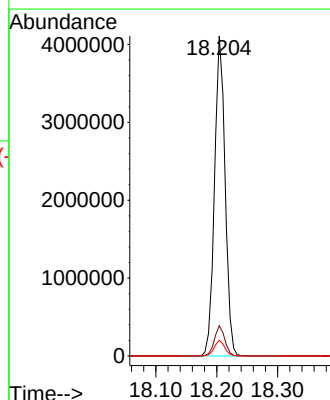
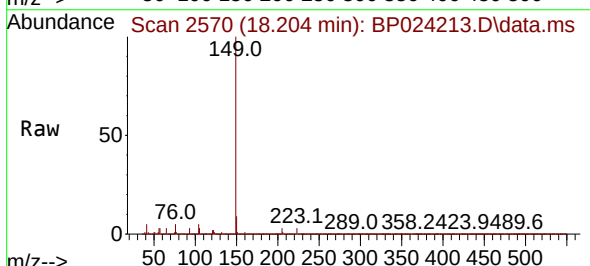
Tgt Ion:149 Resp: 4955128

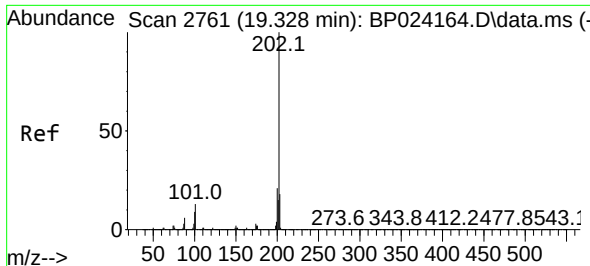
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.9 3.9 5.9

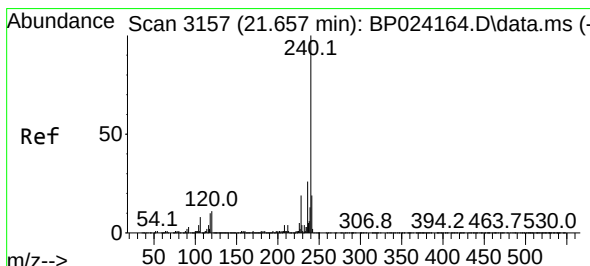
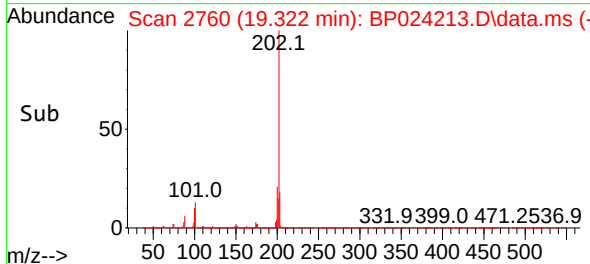
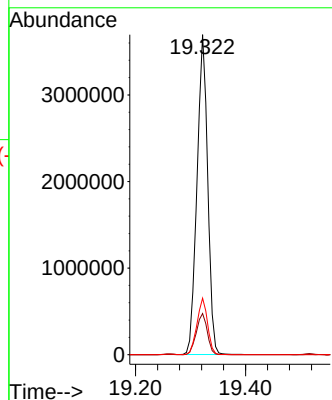
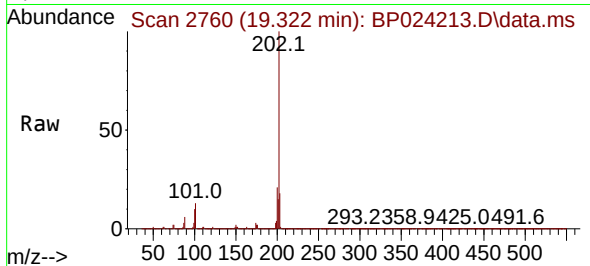




#75
Fluoranthene
Concen: 44.315 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

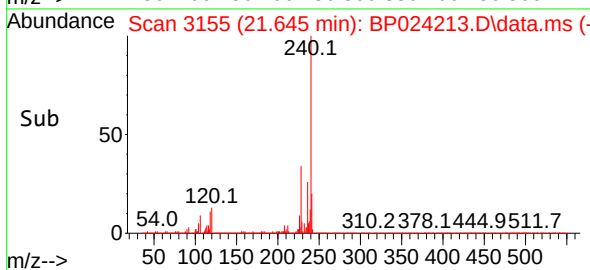
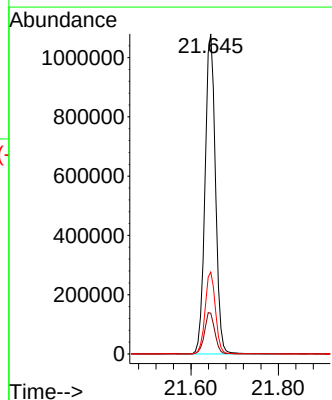
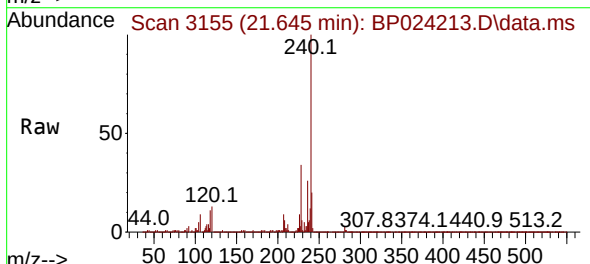
Instrument :
BNA_P
ClientSampleId :
PB167474BS

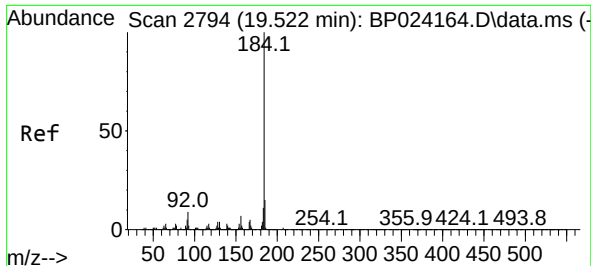
Tgt Ion:202 Resp: 4988049
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.5
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:240 Resp: 1788682
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 25.6 20.4 30.6

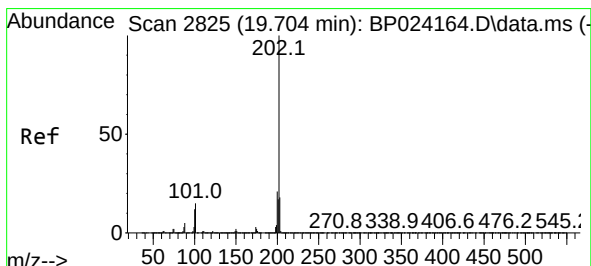
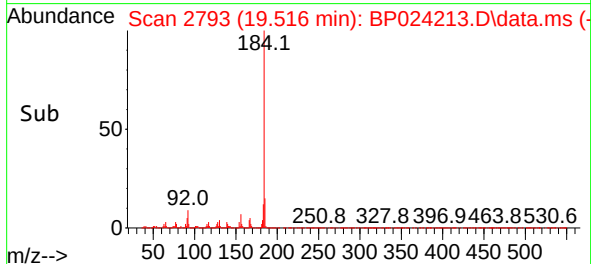
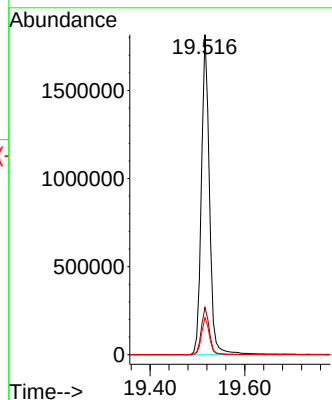
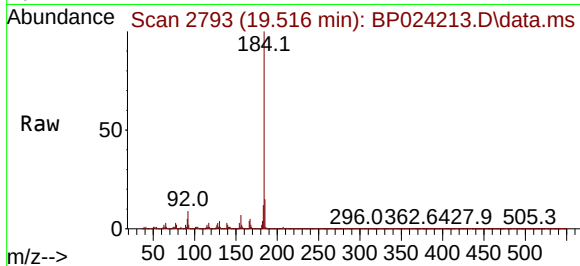




#77
Benzidine
Concen: 109.696 ng
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

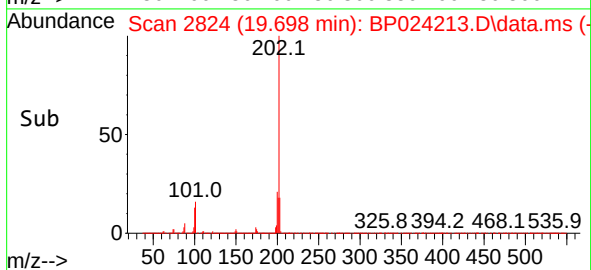
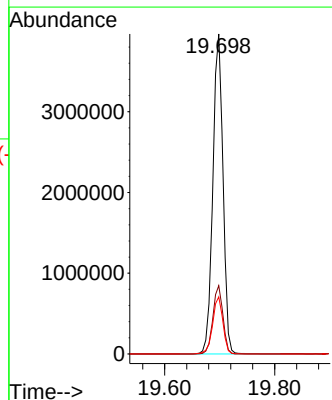
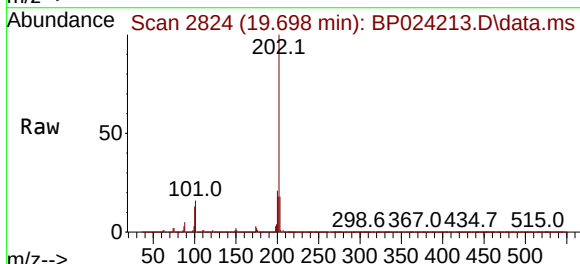
Instrument :
BNA_P
ClientSampleId :
PB167474BS

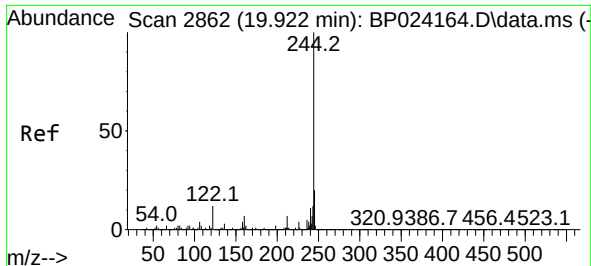
Tgt Ion:184 Resp: 2145257
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 11.6 9.1 13.7



#78
Pyrene
Concen: 45.659 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:202 Resp: 5077322
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.9 14.2 21.4

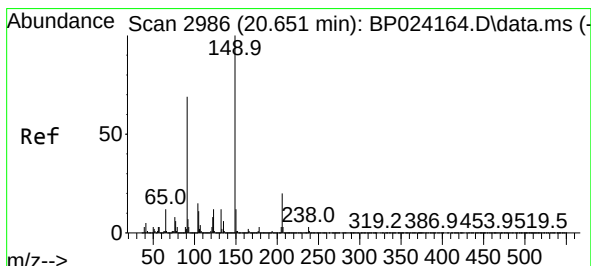
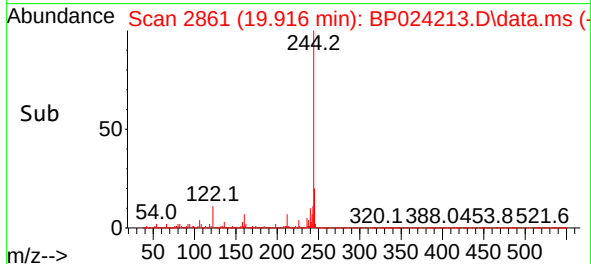
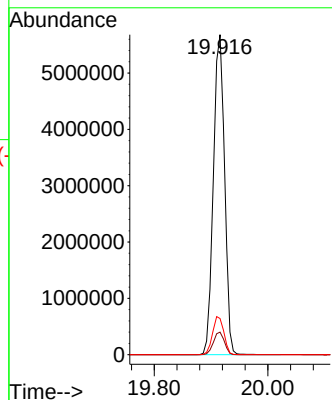
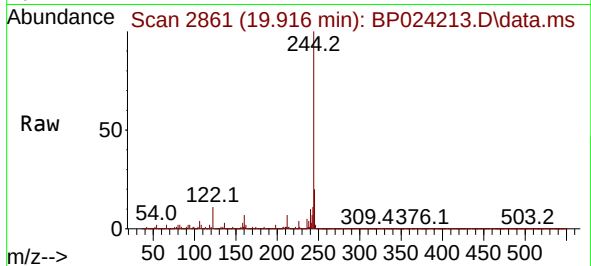




#79
 Terphenyl-d14
 Concen: 89.466 ng
 RT: 19.916 min Scan# 2861
 Delta R.T. -0.006 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

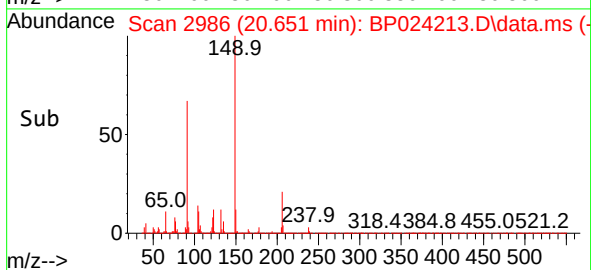
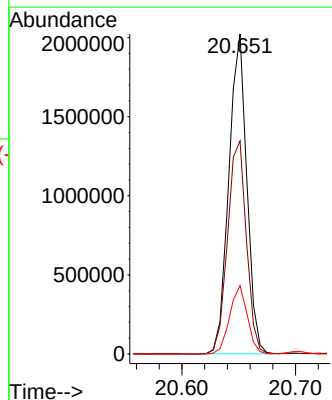
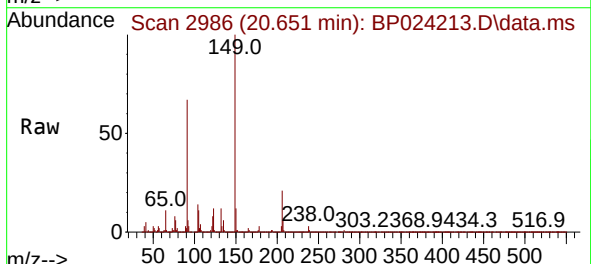
Instrument :
 BNA_P
 ClientSampleId :
 PB167474BS

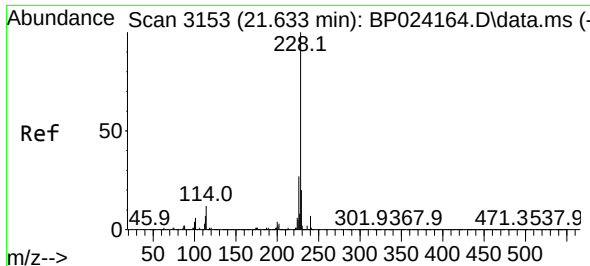
Tgt Ion:244 Resp: 7752383
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.3 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 48.397 ng
 RT: 20.651 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BP024213.D
 Acq: 08 Apr 2025 15:04

Tgt Ion:149 Resp: 2219339
 Ion Ratio Lower Upper
 149 100
 91 66.6 55.3 82.9
 206 21.4 16.1 24.1

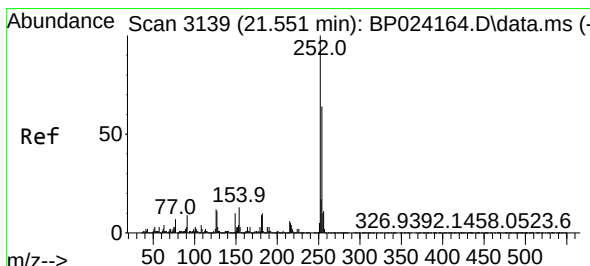
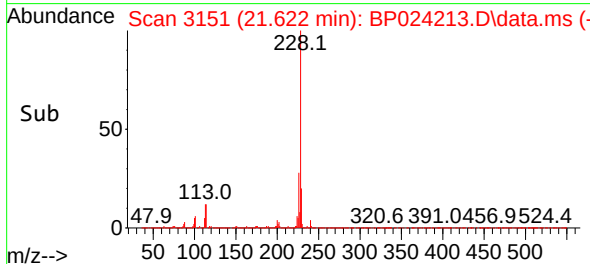
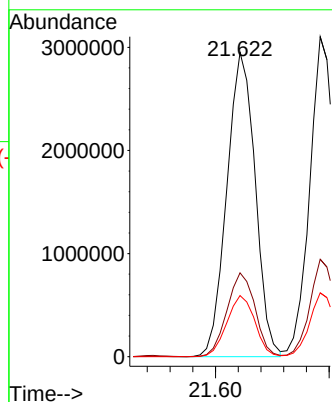
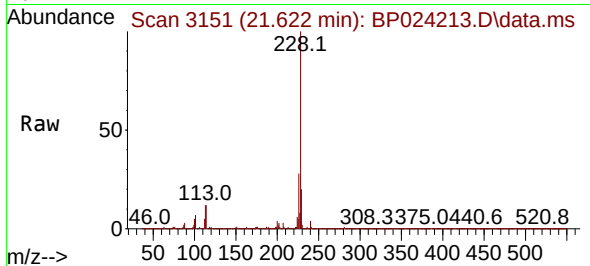




#81
Benzo(a)anthracene
Concen: 46.009 ng
RT: 21.622 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

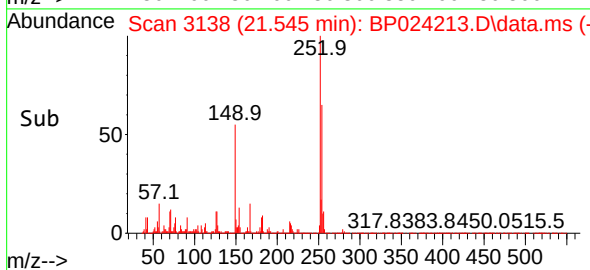
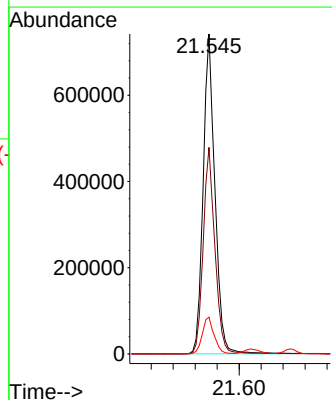
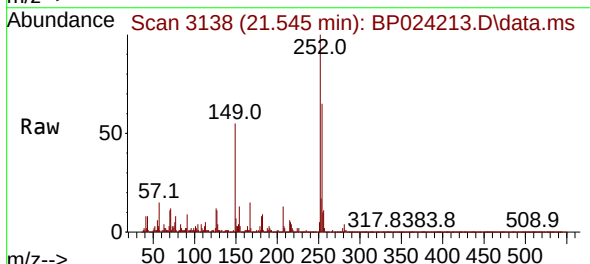
Instrument :
BNA_P
ClientSampleId :
PB167474BS

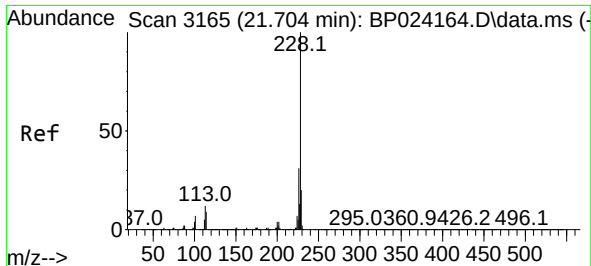
Tgt Ion:228 Resp: 5116502
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 29.483 ng
RT: 21.545 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:252 Resp: 1098884
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 11.5 9.3 13.9

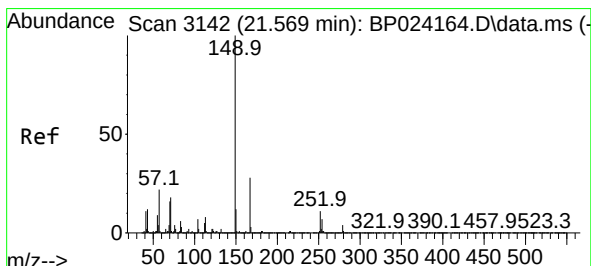
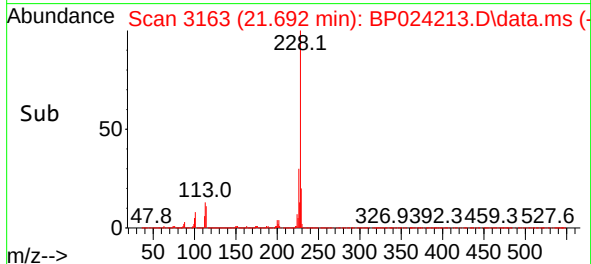
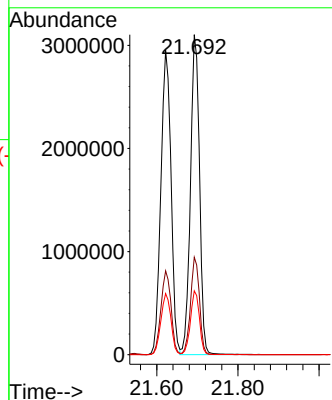
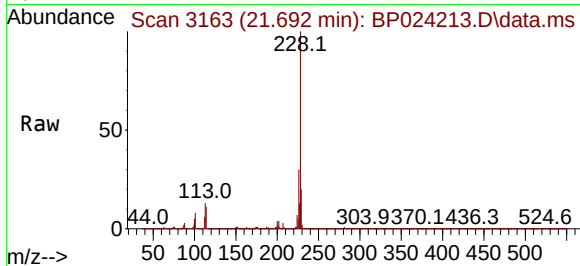




#83
Chrysene
Concen: 44.922 ng
RT: 21.692 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

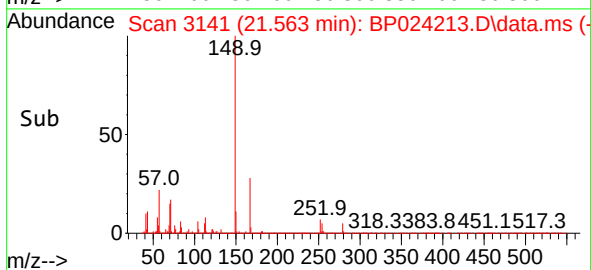
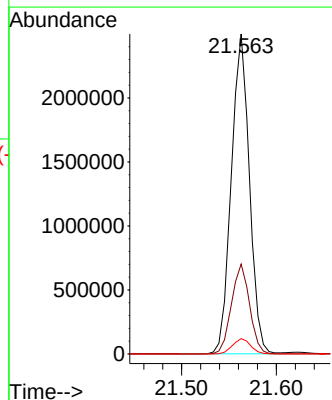
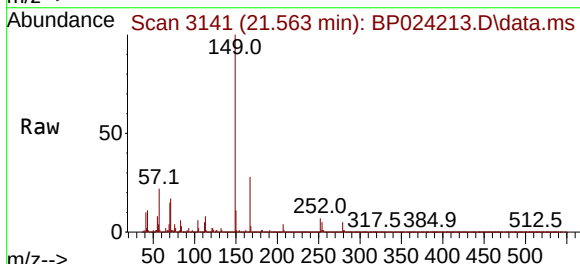
Instrument :
BNA_P
ClientSampleId :
PB167474BS

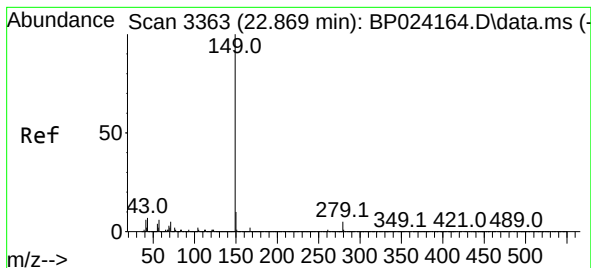
Tgt Ion:228 Resp: 4802411
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.0 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.919 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:149 Resp: 3315716
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.566 ng

RT: 22.857 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

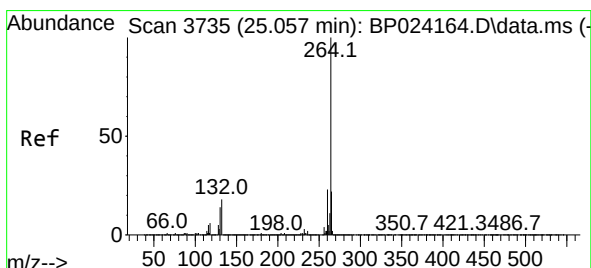
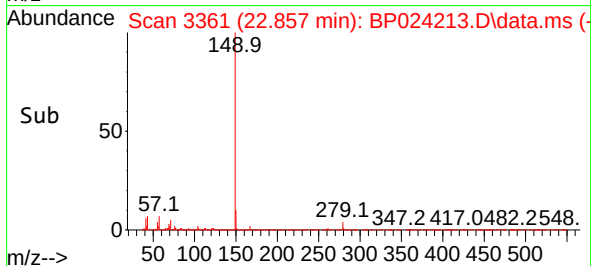
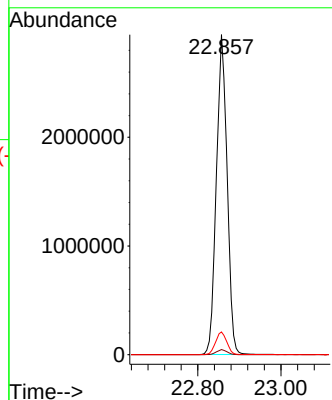
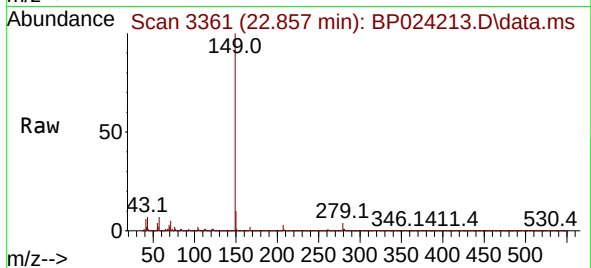
Tgt Ion:149 Resp: 5273316

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.4 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.033 min Scan# 3731

Delta R.T. -0.023 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

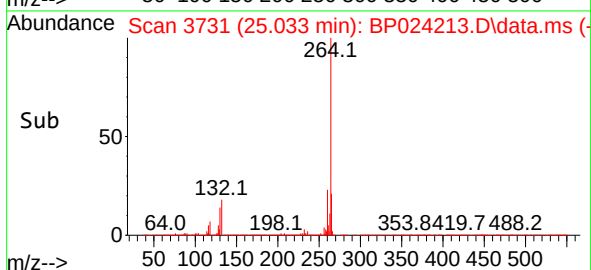
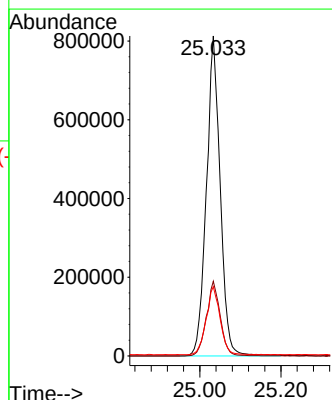
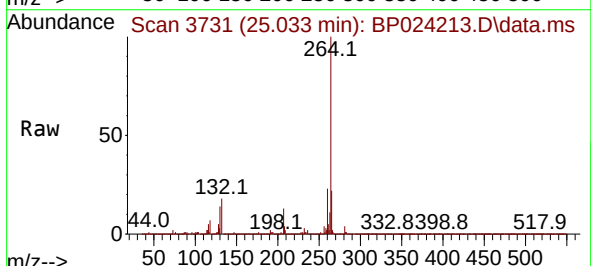
Tgt Ion:264 Resp: 1910295

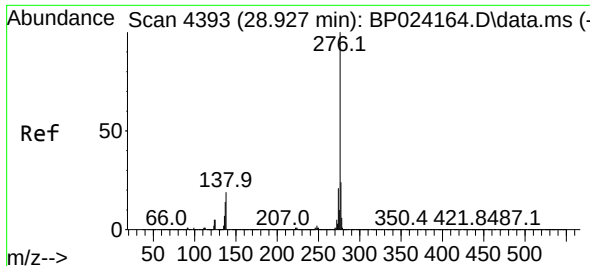
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.7 17.7 26.5

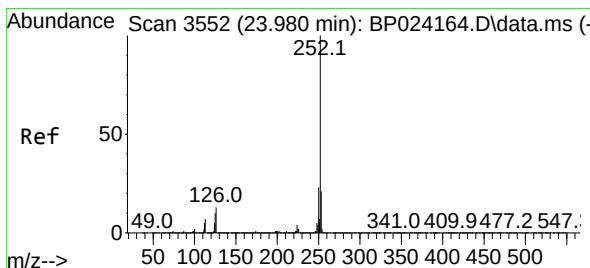
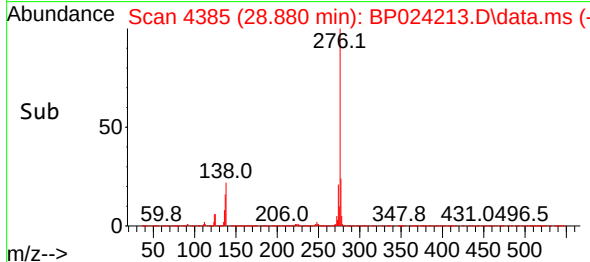
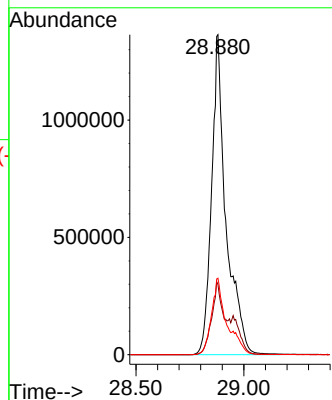
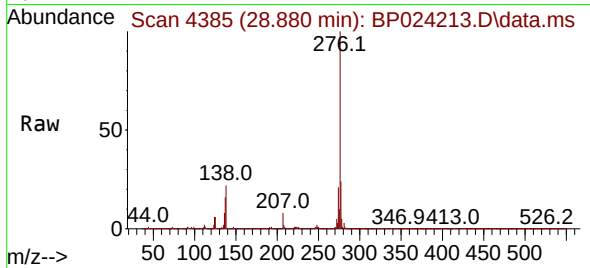




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.685 ng
RT: 28.880 min Scan# 41
Delta R.T. -0.047 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

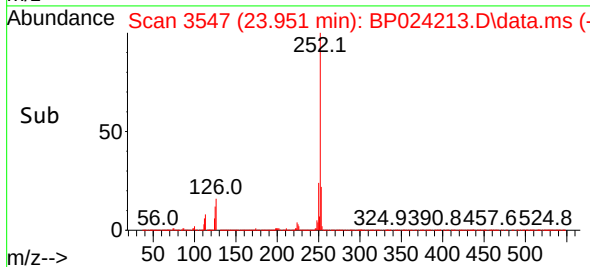
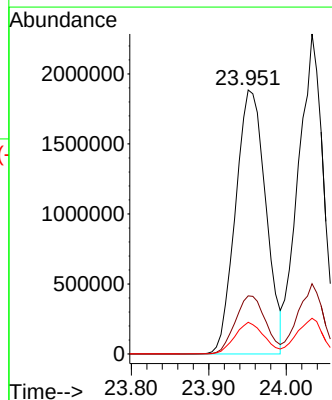
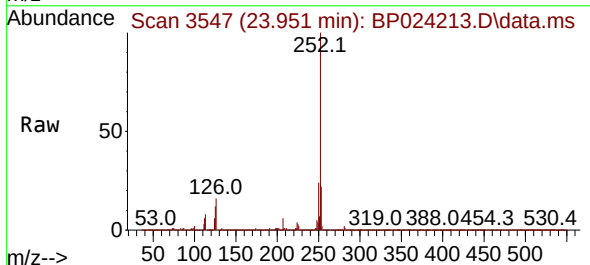
Instrument :
BNA_P
ClientSampleId :
PB167474BS

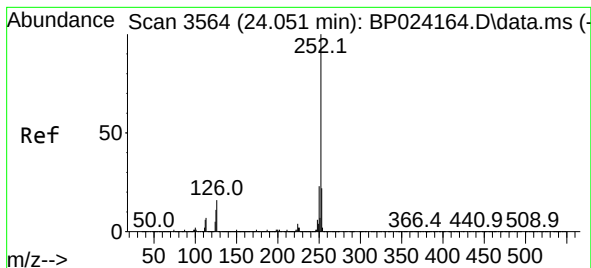
Tgt Ion:276 Resp: 6357522
Ion Ratio Lower Upper
276 100
138 18.6 13.7 20.5
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 44.476 ng
RT: 23.951 min Scan# 3547
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:252 Resp: 5122724
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 45.980 ng

RT: 24.033 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

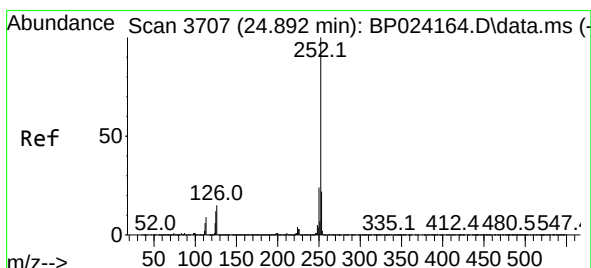
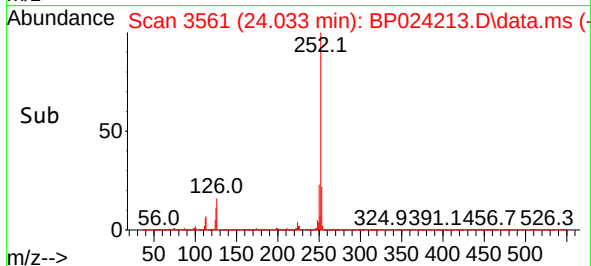
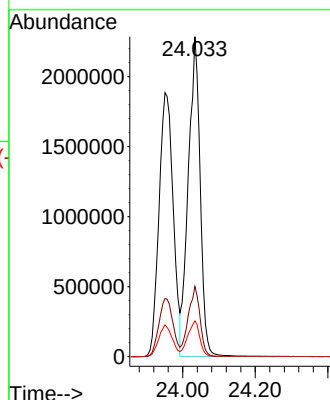
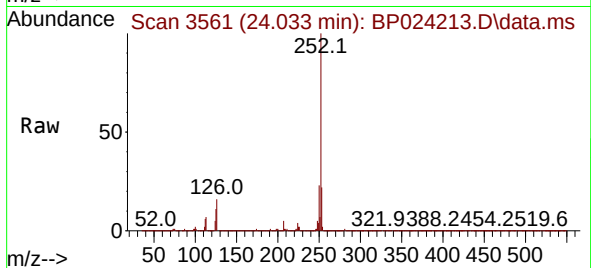
Tgt Ion:252 Resp: 5180476

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.2 9.1 13.7



#90

Benzo(a)pyrene

Concen: 49.276 ng

RT: 24.874 min Scan# 3704

Delta R.T. -0.018 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

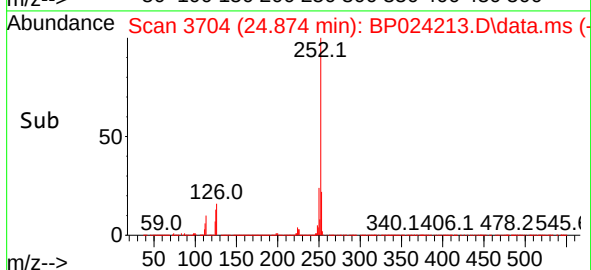
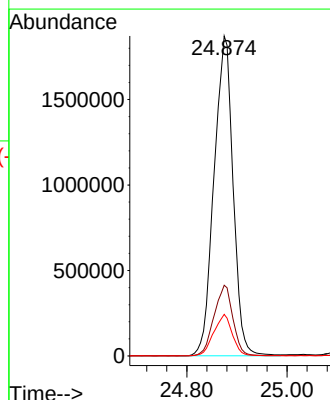
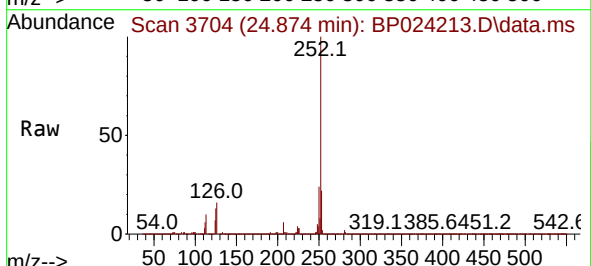
Tgt Ion:252 Resp: 4935291

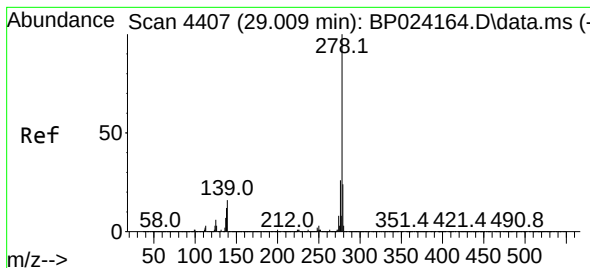
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 13.0 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 47.399 ng

RT: 28.962 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Instrument :

BNA_P

ClientSampleId :

PB167474BS

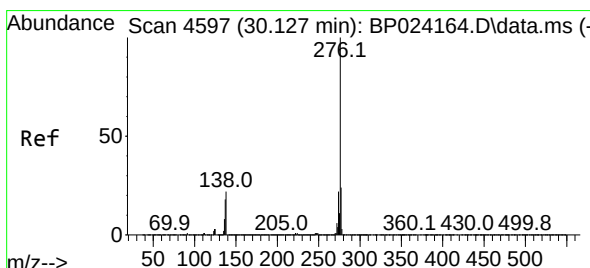
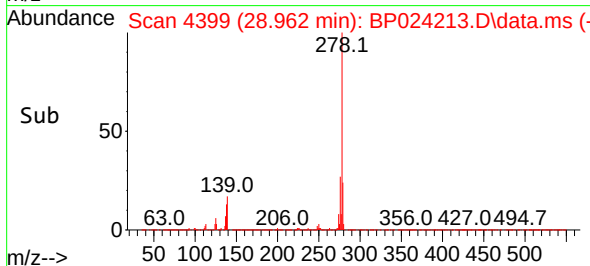
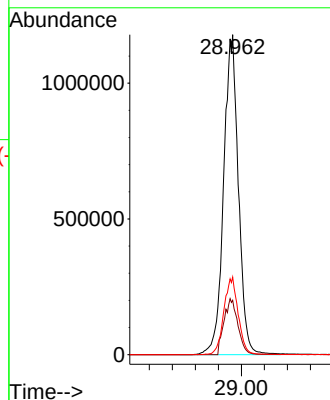
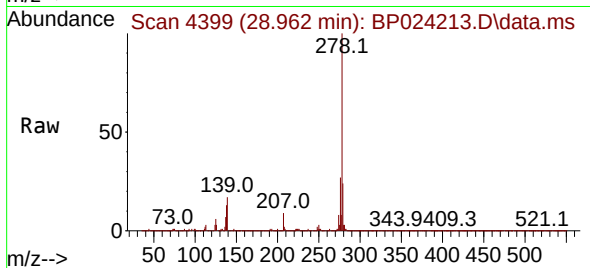
Tgt Ion:278 Resp: 5257429

Ion Ratio Lower Upper

278 100

139 17.0 13.0 19.4

279 24.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 45.357 ng

RT: 30.062 min Scan# 4586

Delta R.T. -0.065 min

Lab File: BP024213.D

Acq: 08 Apr 2025 15:04

Tgt Ion:276 Resp: 5114163

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 22.9 17.4 26.2

