

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024132.D
 Acq On : 28 Feb 2025 12:50
 Operator : RC/JU
 Sample : PB166914BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166914BS

Quant Time: Feb 28 13:34:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	403650	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1785895	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	1091124	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1898526	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1709438	20.000	ng	0.01
86) Perylene-d12	25.045	264	1862369	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	4114589	159.055	ng	0.00
7) Phenol-d6	6.952	99	5357550	161.136	ng	0.00
23) Nitrobenzene-d5	8.916	82	3043932	95.088	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	2028056	151.743	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	7000412	89.693	ng	0.00
79) Terphenyl-d14	19.921	244	8922467	103.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	348977	34.389	ng	98
3) Pyridine	3.705	79	910163	34.497	ng	99
4) n-Nitrosodimethylamine	3.611	42	387987	41.457	ng	95
6) Aniline	7.099	93	1379378	45.301	ng	100
8) 2-Chlorophenol	7.334	128	1419120	51.829	ng	97
9) Benzaldehyde	6.910	77	508656	33.509	ng	100
10) Phenol	6.975	94	1813054	54.228	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	1264219	48.008	ng	98
12) 1,3-Dichlorobenzene	7.651	146	1297408	43.132	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1337792	43.977	ng	99
14) 1,2-Dichlorobenzene	8.110	146	1312066	44.943	ng	100
15) Benzyl Alcohol	7.998	79	1167769	57.378	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1360019	53.203	ng	97
17) 2-Methylphenol	8.210	107	1196409	58.721	ng	100
18) Hexachloroethane	8.834	117	486672	44.423	ng	99
19) n-Nitroso-di-n-propyla...	8.563	70	974871	54.533	ng	99
20) 3+4-Methylphenols	8.534	107	1647016	59.422	ng	99
22) Acetophenone	8.575	105	2182895	47.565	ng	# 99
24) Nitrobenzene	8.951	77	1424969	45.231	ng	99
25) Isophorone	9.481	82	2720075	51.961	ng	99
26) 2-Nitrophenol	9.657	139	740203	50.998	ng	98
27) 2,4-Dimethylphenol	9.722	122	1231748	64.650	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	1775437	46.817	ng	100
29) 2,4-Dichlorophenol	10.198	162	1327512	51.056	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	1248245	41.901	ng	99
31) Naphthalene	10.592	128	4105994	42.759	ng	100
32) Benzoic acid	9.887	122	1049228	51.786	ng	99
33) 4-Chloroaniline	10.704	127	685575	20.266	ng	99
34) Hexachlorobutadiene	10.875	225	726764	42.119	ng	99
35) Caprolactam	11.498	113	456684	51.665	ng	94
36) 4-Chloro-3-methylphenol	11.839	107	1375979	51.478	ng	98
37) 2-Methylnaphthalene	12.204	142	2788525	43.690	ng	100
38) 1-Methylnaphthalene	12.422	142	2751243	44.311	ng	100
40) 1,2,4,5-Tetrachloroben...	12.575	216	1578276	47.077	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1588867	127.363	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	1006856	49.246	ng	99

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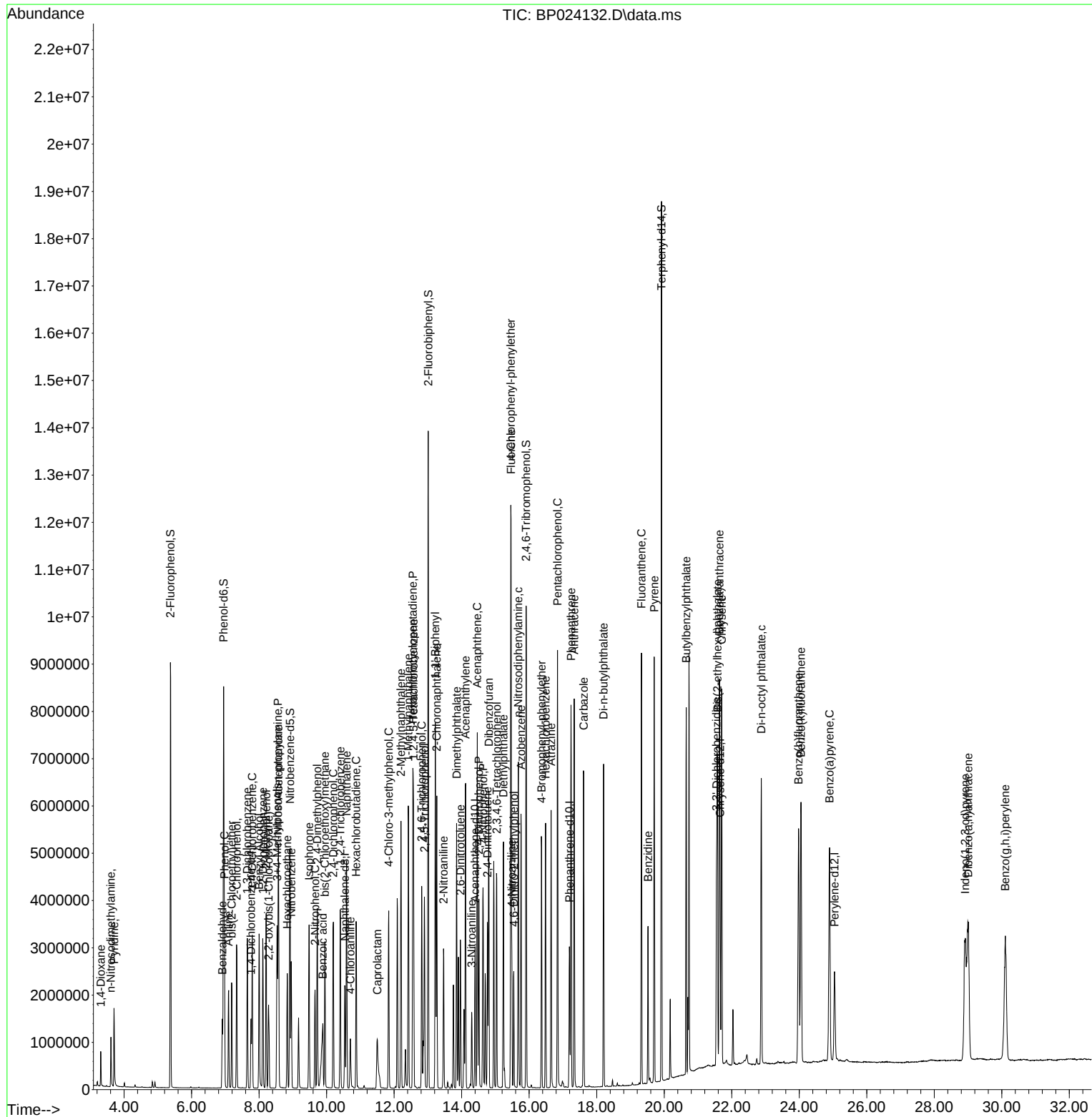
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44) 2,4,5-Trichlorophenol	12.898	196	1094550	48.951	ng	98
46) 1,1'-Biphenyl	13.222	154	4054363	47.818	ng	99
47) 2-Chloronaphthalene	13.263	162	2808406	43.817	ng	100
48) 2-Nitroaniline	13.463	65	774905	51.181	ng	98
49) Acenaphthylene	14.116	152	4481918	47.462	ng	99
50) Dimethylphthalate	13.851	163	3416807	44.394	ng	100
51) 2,6-Dinitrotoluene	13.963	165	744432	47.482	ng	96
52) Acenaphthene	14.463	154	2675509	43.997	ng	99
53) 3-Nitroaniline	14.298	138	466820	27.903	ng	99
54) 2,4-Dinitrophenol	14.510	184	900672	86.441	ng	94
55) Dibenzofuran	14.804	168	4108914	41.593	ng	99
56) 4-Nitrophenol	14.633	139	1449969	100.333	ng	95
57) 2,4-Dinitrotoluene	14.763	165	1026874	50.419	ng	99
58) Fluorene	15.463	166	3356216	43.502	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	906487	46.727	ng	98
60) Diethylphthalate	15.239	149	3316980	43.414	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1650410	43.461	ng	98
62) 4-Nitroaniline	15.486	138	772303	39.609	ng	95
63) Azobenzene	15.757	77	3156098	44.082	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	533254	44.261	ng	94
66) n-Nitrosodiphenylamine	15.680	169	2858601	48.283	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	1018417	47.769	ng	96
68) Hexachlorobenzene	16.486	284	1201572	47.898	ng	96
69) Atrazine	16.651	200	1067266	70.244	ng	99
70) Pentachlorophenol	16.839	266	1641972	100.777	ng	99
71) Phenanthrene	17.239	178	4785047	44.705	ng	99
72) Anthracene	17.333	178	4847765	47.262	ng	100
73) Carbazole	17.616	167	4430230	45.332	ng	100
74) Di-n-butylphthalate	18.204	149	5370263	47.094	ng	99
75) Fluoranthene	19.327	202	5165457	42.666	ng	100
77) Benzidine	19.521	184	1834780	88.082	ng	99
78) Pyrene	19.704	202	5338314	49.164	ng	100
80) Butylbenzylphthalate	20.651	149	2307643	55.462	ng	93
81) Benzo(a)anthracene	21.633	228	5020589	46.838	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1514293	45.209	ng	100
83) Chrysene	21.704	228	4681101	45.289	ng	99
84) Bis(2-ethylhexyl)phtha...	21.574	149	3441524	54.544	ng	99
85) Di-n-octyl phthalate	22.874	149	5707643	56.593	ng	98
87) Indeno(1,2,3-cd)pyrene	28.915	276	6182392	46.663	ng	# 77
88) Benzo(b)fluoranthene	23.980	252	5077540	42.933	ng	99
89) Benzo(k)fluoranthene	24.051	252	5140083	44.652	ng	99
90) Benzo(a)pyrene	24.898	252	4824433	48.068	ng	99
91) Dibenzo(a,h)anthracene	29.009	278	5088427	45.677	ng	99
92) Benzo(g,h,i)perylene	30.103	276	4798925	42.452	ng	99

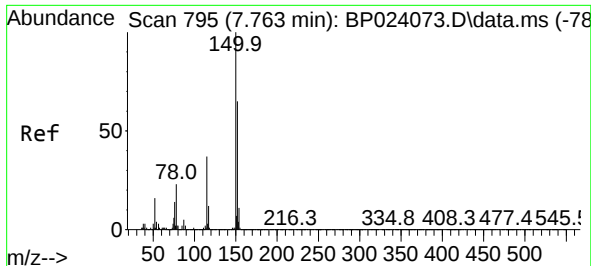
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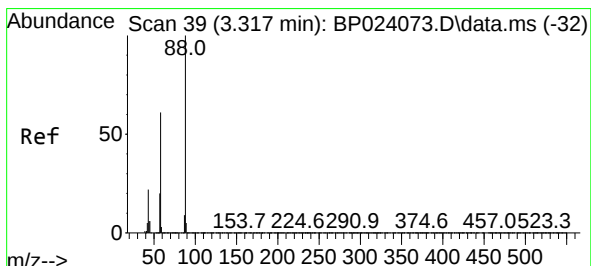
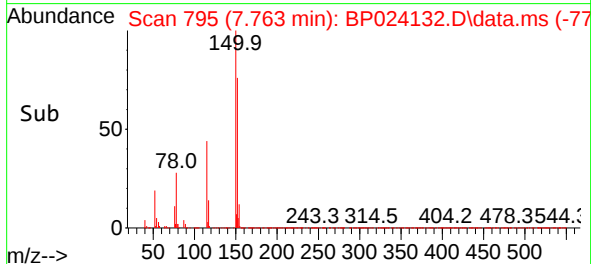
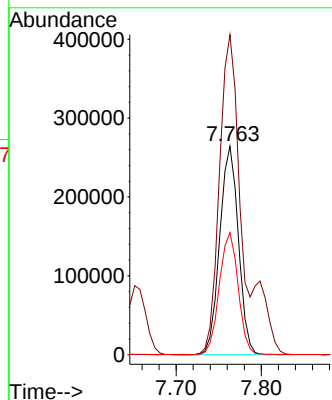
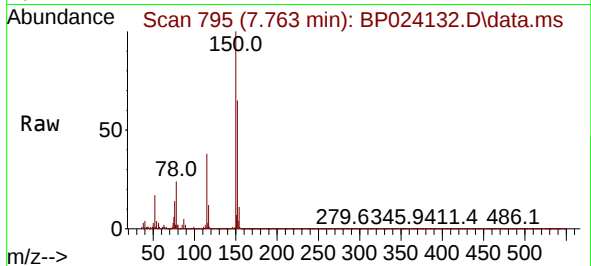




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BP024132.D
 Acq: 28 Feb 2025 12:50

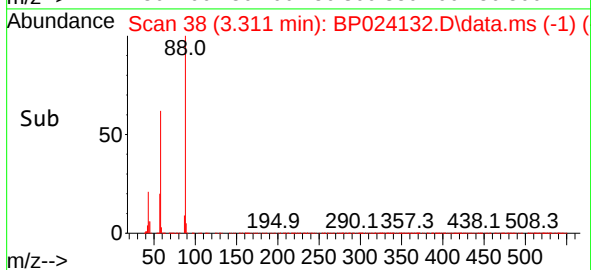
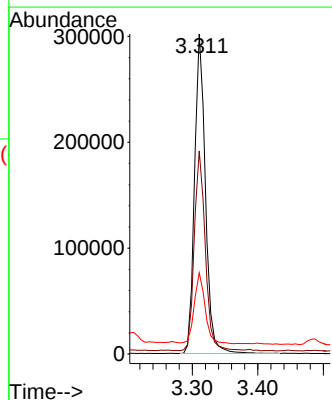
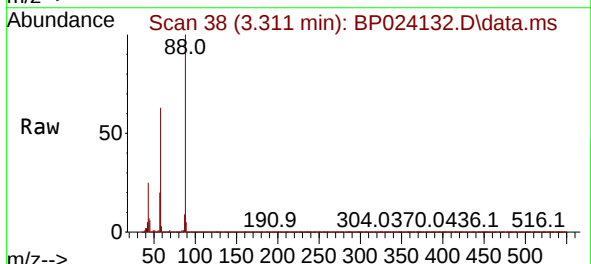
Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:152 Resp: 403650
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.4 183.6
 115 58.6 45.0 67.6



#2
 1,4-Dioxane
 Concen: 34.389 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: BP024132.D
 Acq: 28 Feb 2025 12:50

Tgt Ion: 88 Resp: 348977
 Ion Ratio Lower Upper
 88 100
 58 63.3 49.1 73.7
 43 22.1 18.0 27.0

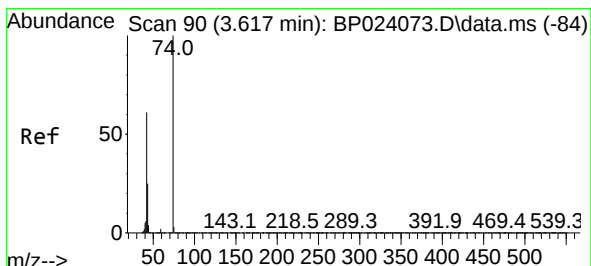
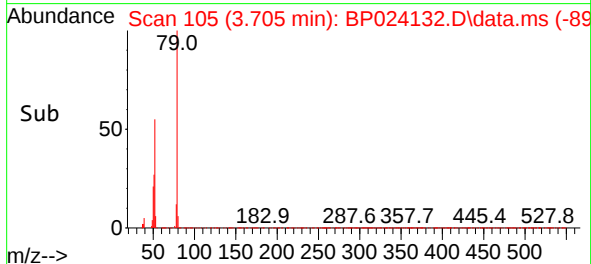
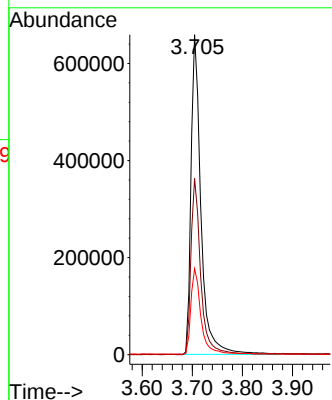
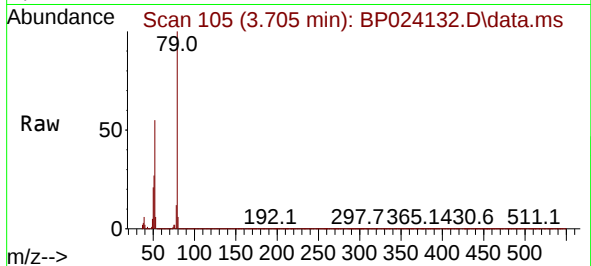




#3
Pyridine
Concen: 34.497 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

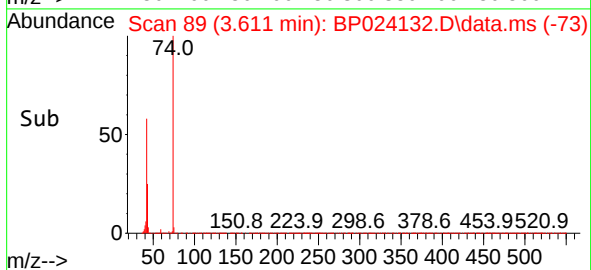
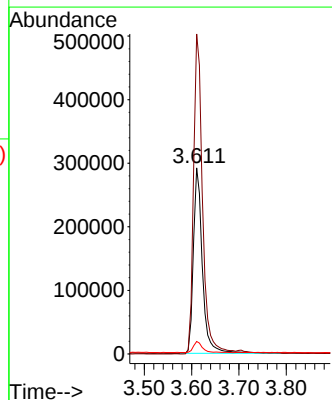
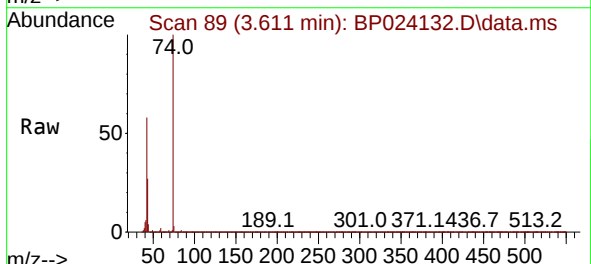
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ClientSampleId :
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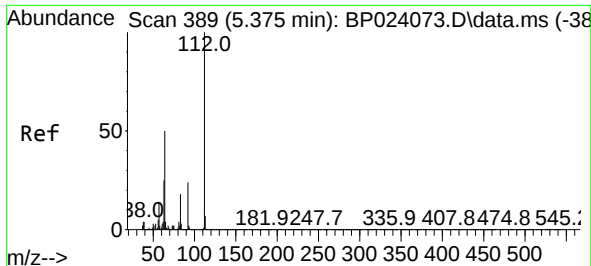
Tgt Ion: 79 Resp: 910163
Ion Ratio Lower Upper
79 100
52 55.1 43.5 65.3
51 26.9 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 41.457 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion: 42 Resp: 387987
Ion Ratio Lower Upper
42 100
74 172.0 132.0 198.0
44 6.7 5.3 7.9

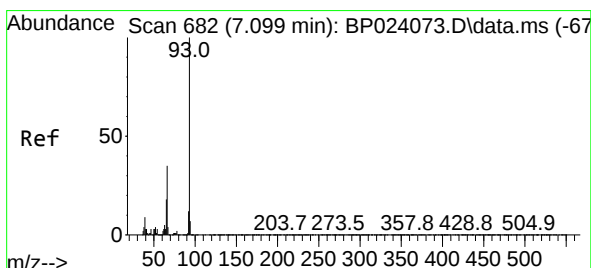
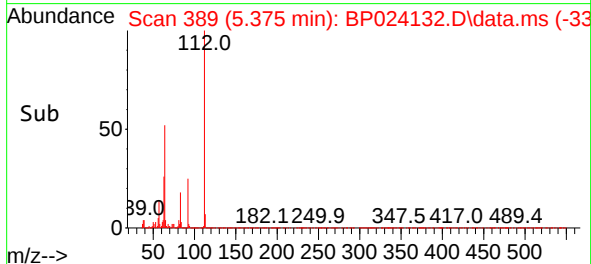
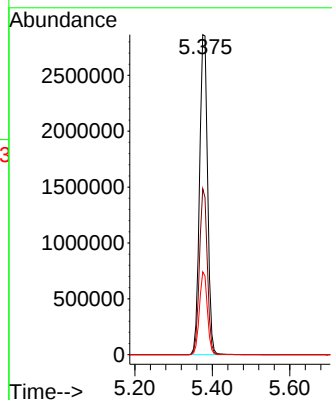
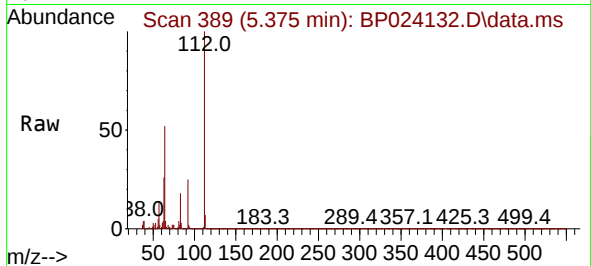




#5
2-Fluorophenol
Concen: 159.055 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

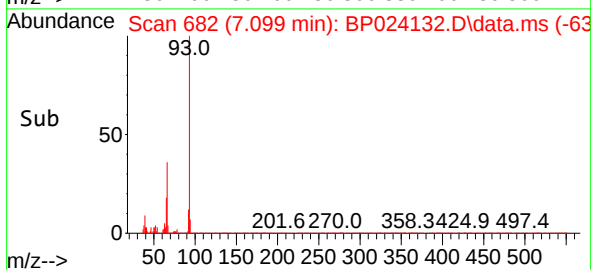
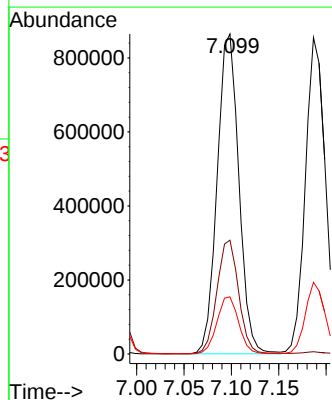
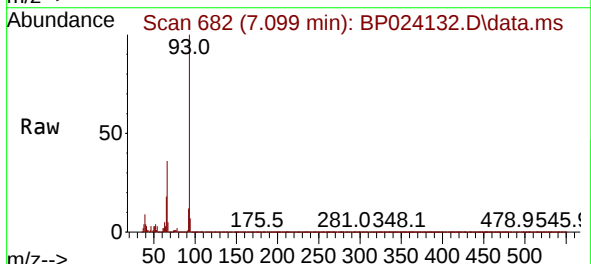
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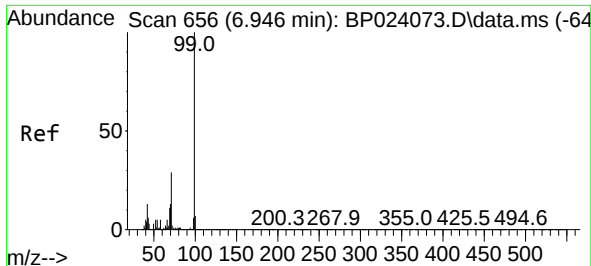
Tgt Ion:112 Resp: 4114589
Ion Ratio Lower Upper
112 100
64 51.8 39.6 59.4
63 25.9 20.3 30.5



#6
Aniline
Concen: 45.301 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion: 93 Resp: 1379378
Ion Ratio Lower Upper
93 100
66 35.5 28.2 42.4
65 17.8 14.1 21.1

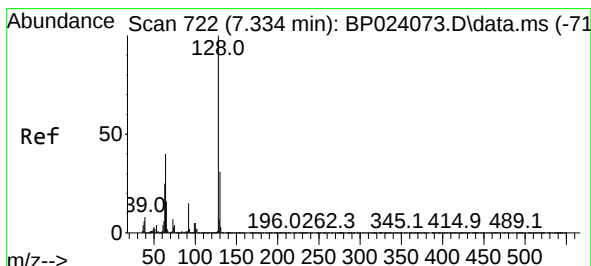
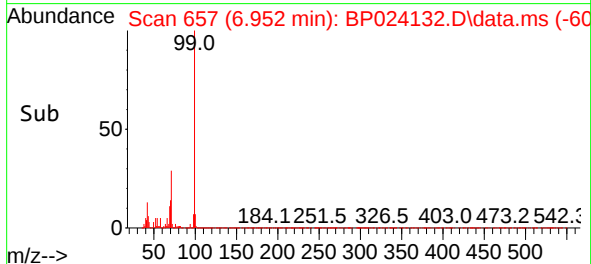
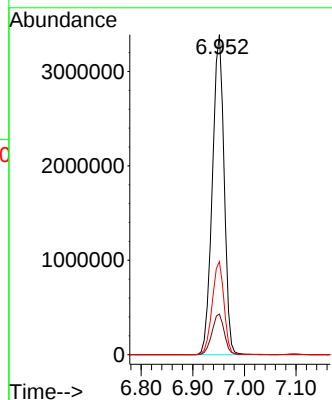
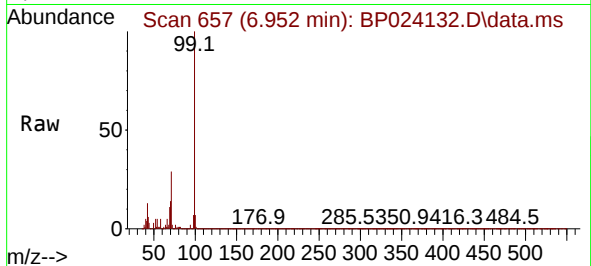




#7
Phenol-d6
Concen: 161.136 ng
RT: 6.952 min Scan# 657
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

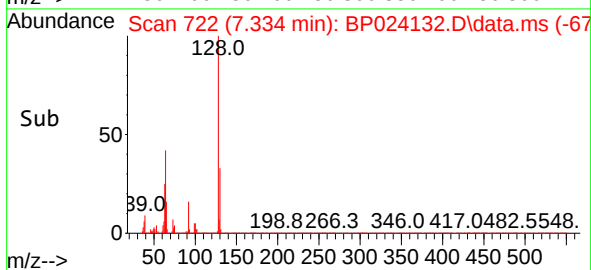
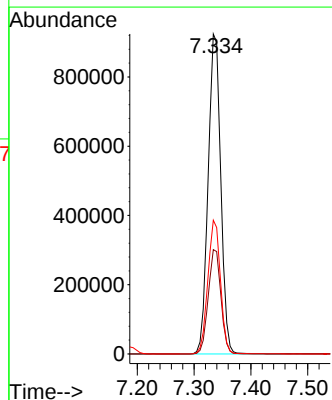
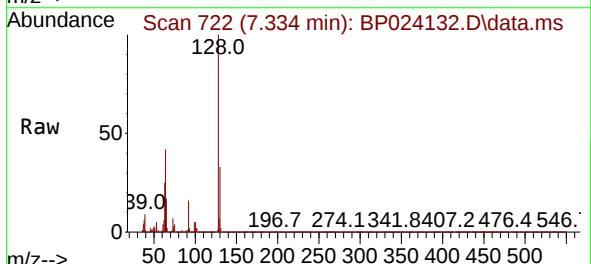
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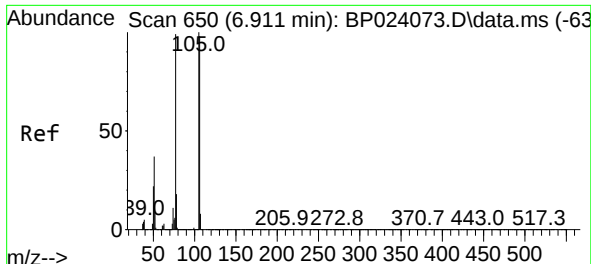
Tgt Ion: 99 Resp: 5357550
Ion Ratio Lower Upper
99 100
42 12.7 10.3 15.5
71 29.0 22.9 34.3



#8
2-Chlorophenol
Concen: 51.829 ng
RT: 7.334 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:128 Resp: 1419120
Ion Ratio Lower Upper
128 100
130 32.6 11.5 51.5
64 41.8 19.8 59.8

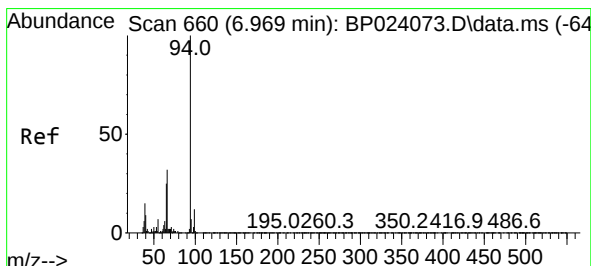
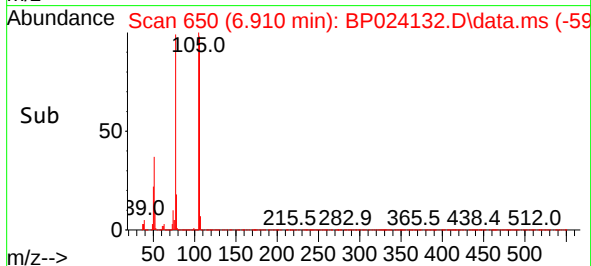
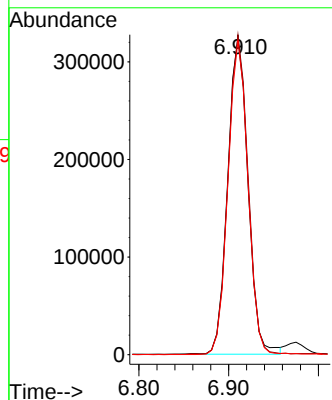
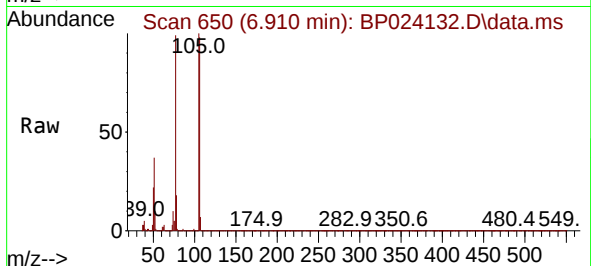




#9
Benzaldehyde
Concen: 33.509 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.000 min
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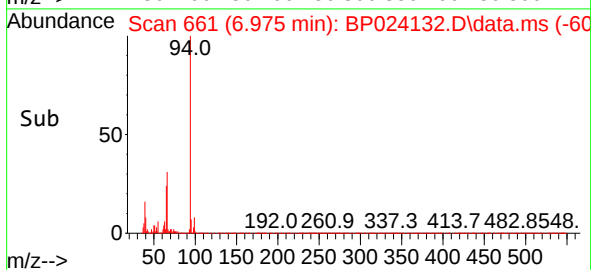
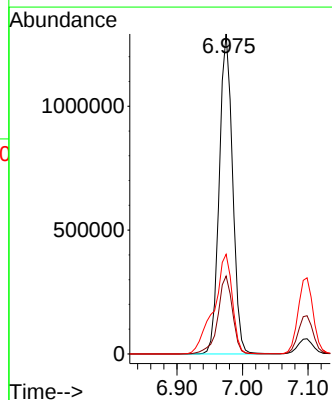
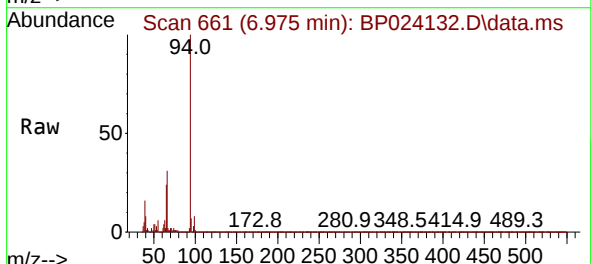
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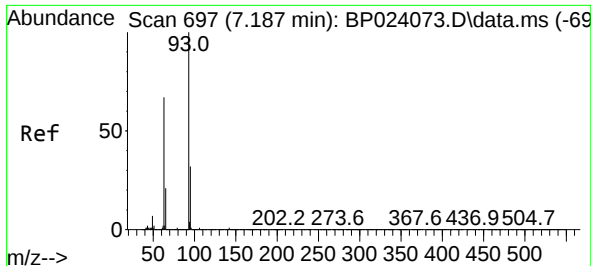
Tgt Ion: 77 Resp: 508656
Ion Ratio Lower Upper
77 100
105 101.2 81.4 121.4
106 99.3 79.0 119.0



#10
Phenol
Concen: 54.228 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1813054
Ion Ratio Lower Upper
94 100
65 24.4 5.0 45.0
66 31.2 11.6 51.6



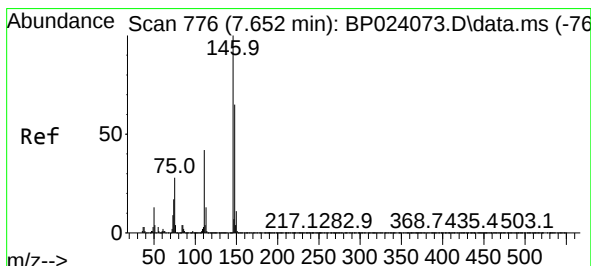
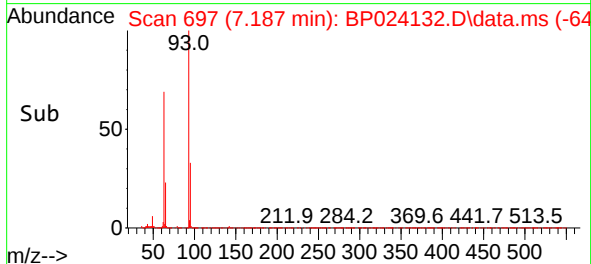
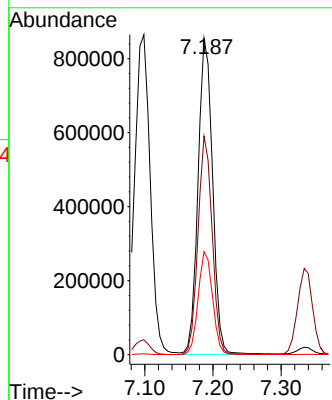
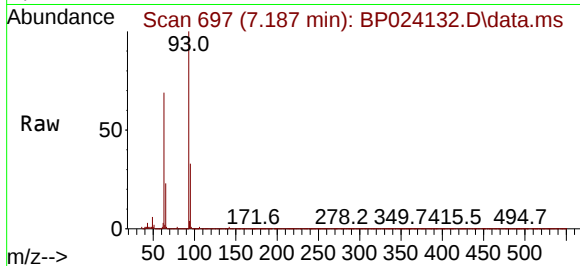


#11
bis(2-Chloroethyl)ether
Concen: 48.008 ng
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Instrument :
BNA_P
ClientSampleId :
PB166914BS

Tgt Ion: 93 Resp: 1264219

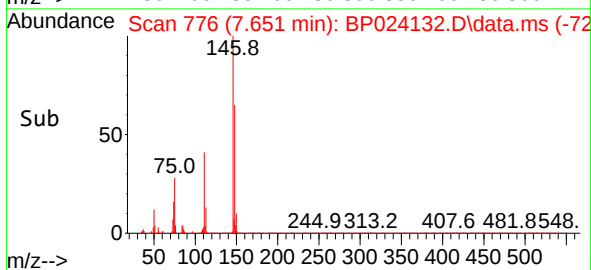
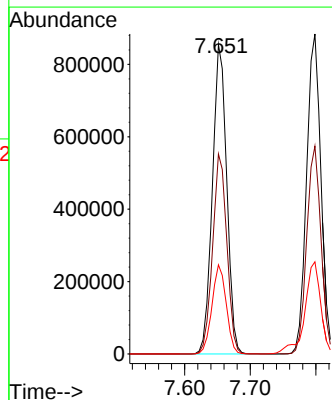
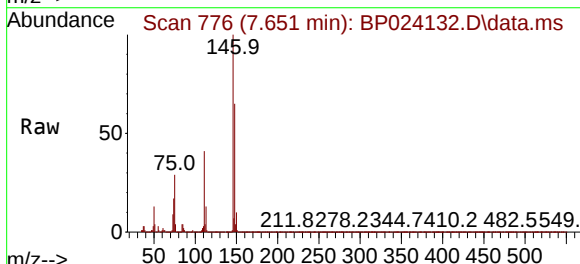
Ion	Ratio	Lower	Upper
93	100		
63	69.0	46.5	86.5
95	32.6	12.3	52.3

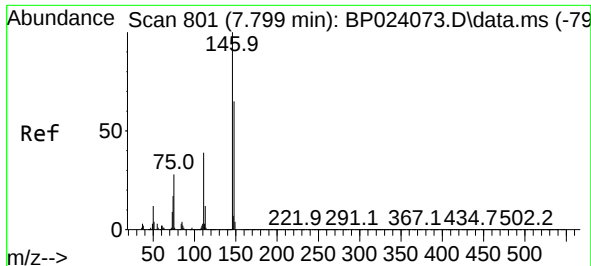


#12
1,3-Dichlorobenzene
Concen: 43.132 ng
RT: 7.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion: 146 Resp: 1297408

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	28.8	22.6	33.8

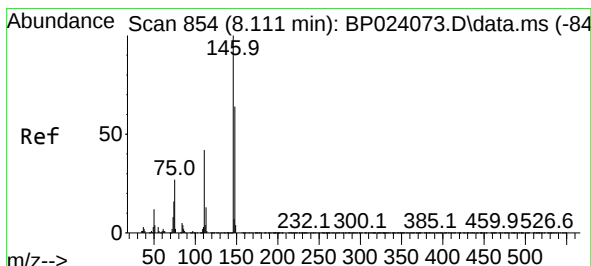
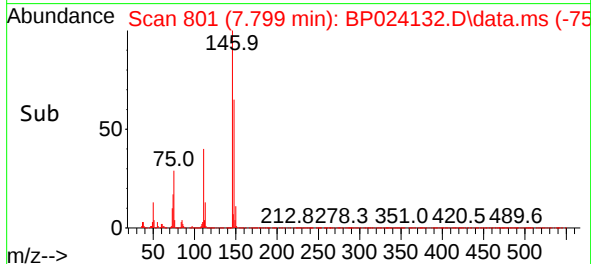
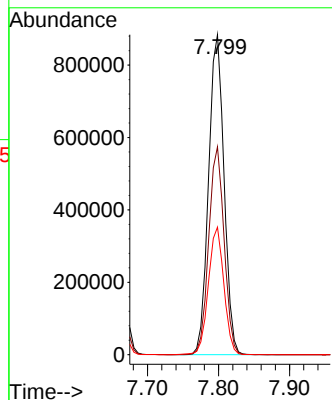
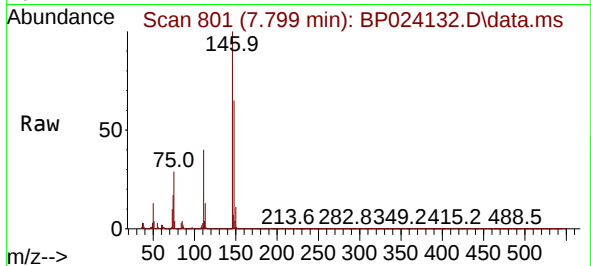




#13
1,4-Dichlorobenzene
Concen: 43.977 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

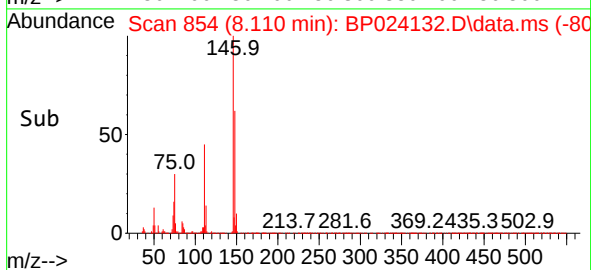
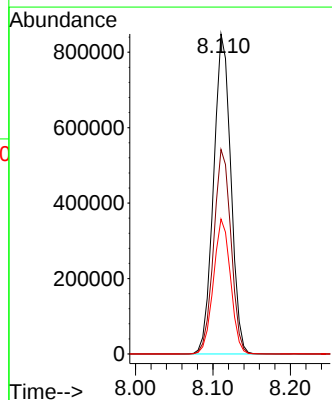
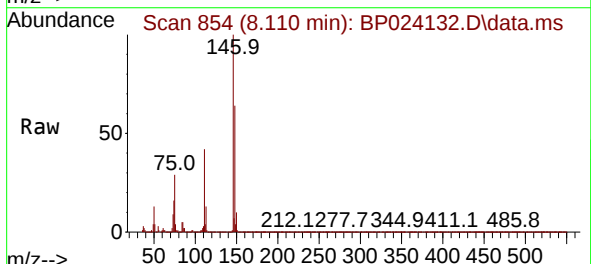
Instrument :
BNA_P
ClientSampleId :
PB166914BS

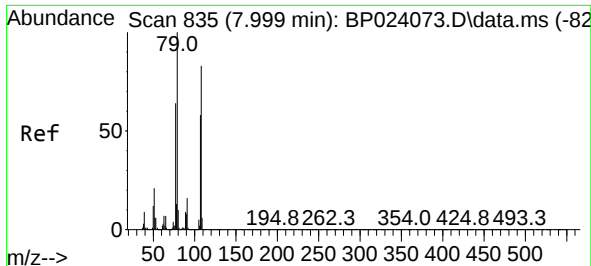
Tgt Ion:146 Resp: 1337792
Ion Ratio Lower Upper
146 100
148 65.0 51.6 77.4
111 39.9 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 44.943 ng
RT: 8.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:146 Resp: 1312066
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 42.2 33.4 50.0

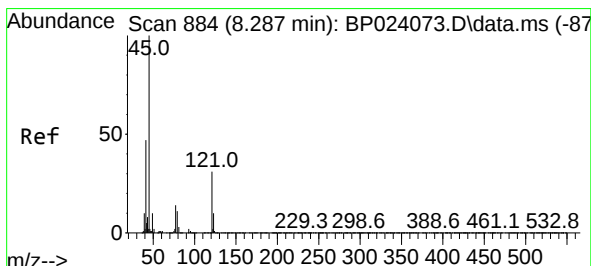
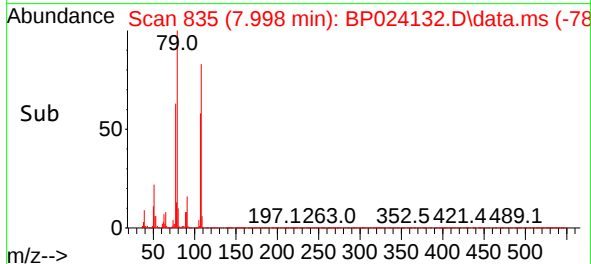
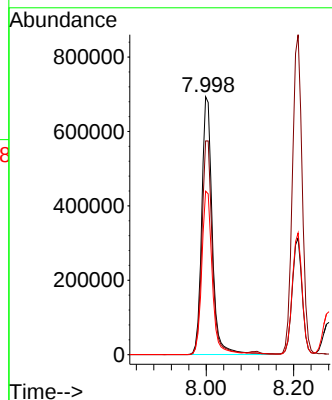
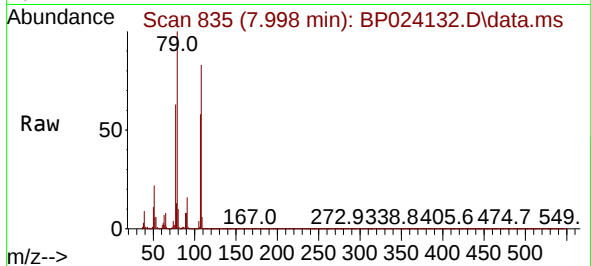




#15
Benzyl Alcohol
Concen: 57.378 ng
RT: 7.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

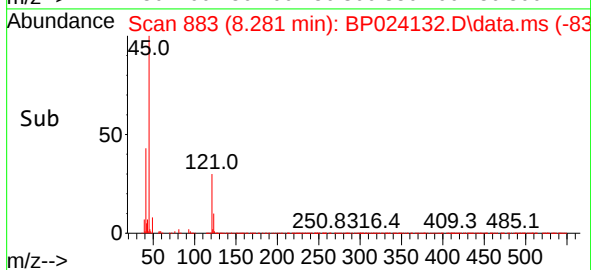
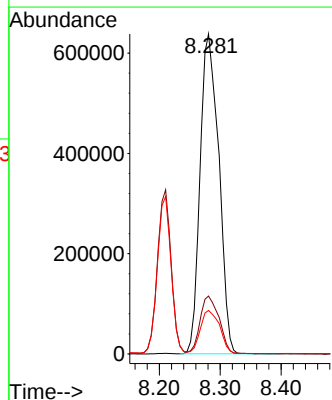
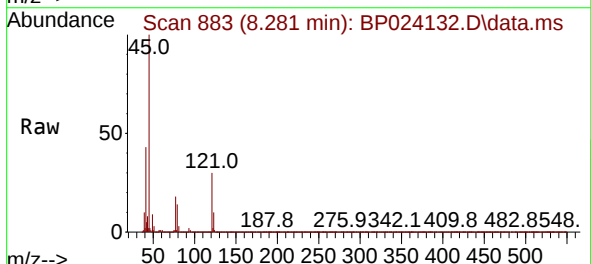
Instrument :
BNA_P
ClientSampleId :
PB166914BS

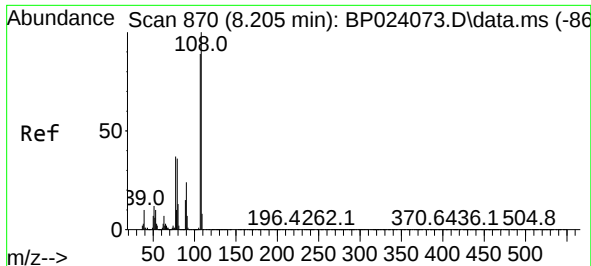
Tgt Ion: 79 Resp: 1167769
Ion Ratio Lower Upper
79 100
108 82.9 66.4 99.6
77 63.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.203 ng
RT: 8.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion: 45 Resp: 1360019
Ion Ratio Lower Upper
45 100
77 18.1 0.0 38.8
79 13.6 0.0 35.4

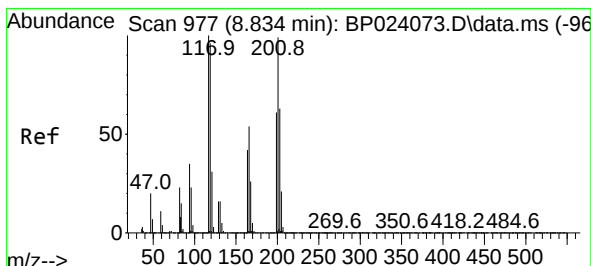
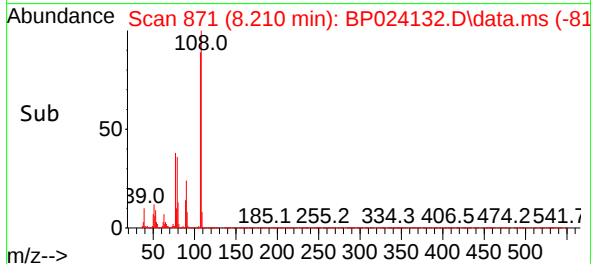
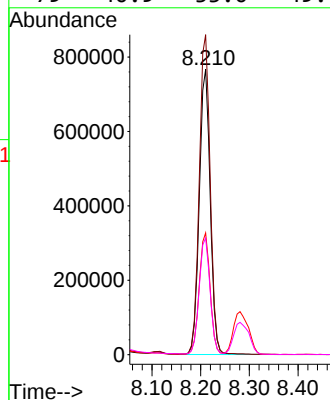
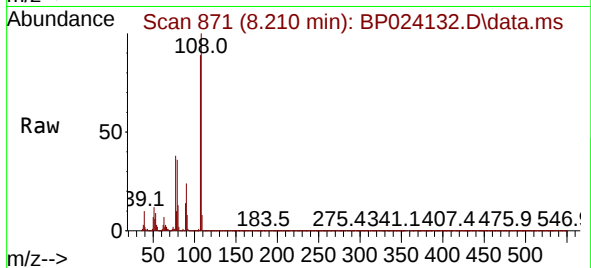




#17
2-Methylphenol
Concen: 58.721 ng
RT: 8.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

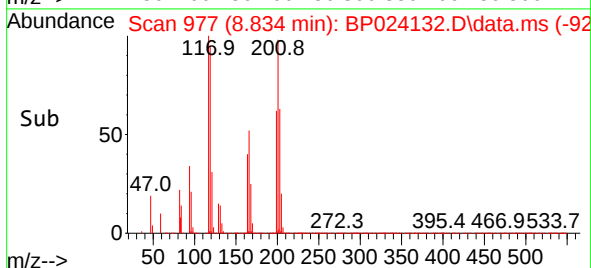
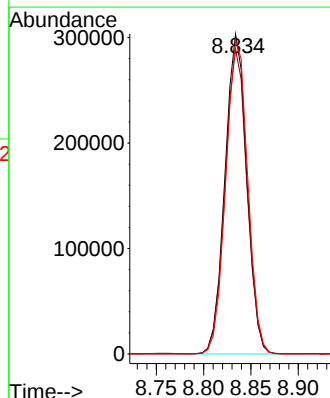
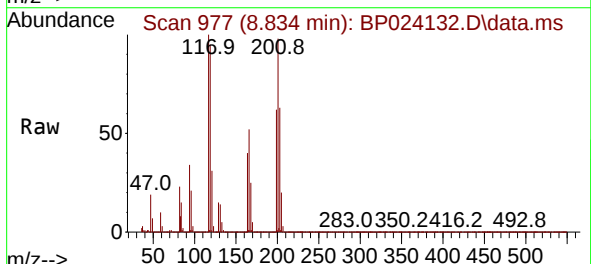
Instrument :
BNA_P
ClientSampleId :
PB166914BS

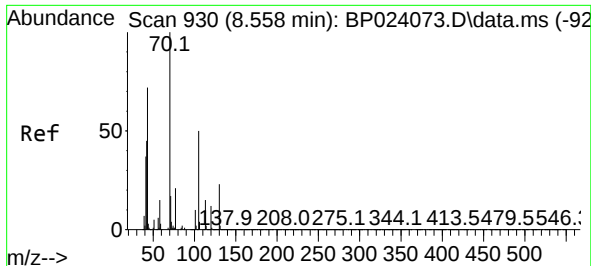
Tgt Ion:107 Resp: 1196409
Ion Ratio Lower Upper
107 100
108 112.2 90.0 135.0
77 42.7 33.8 50.6
79 40.9 33.0 49.4



#18
Hexachloroethane
Concen: 44.423 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:117 Resp: 486672
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3
201 98.2 79.4 119.2

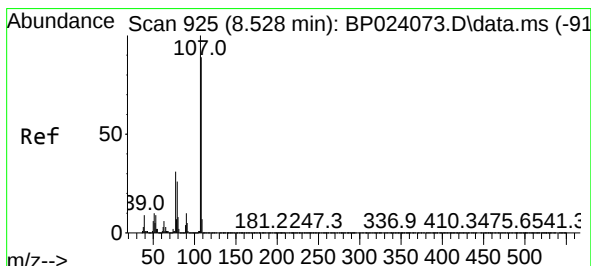
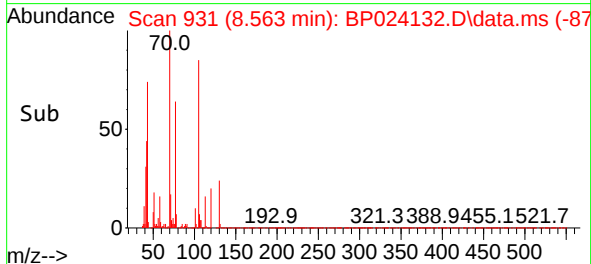
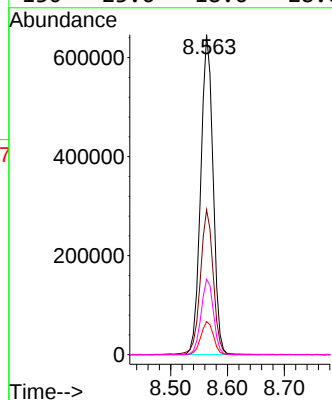
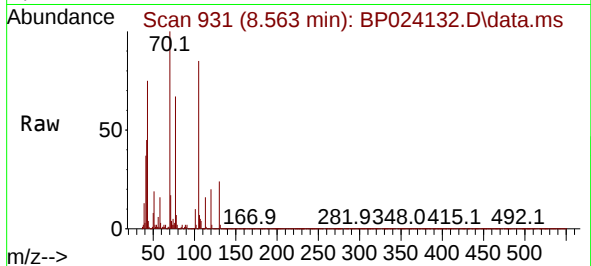




#19
n-Nitroso-di-n-propylamine
Concen: 54.533 ng
RT: 8.563 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

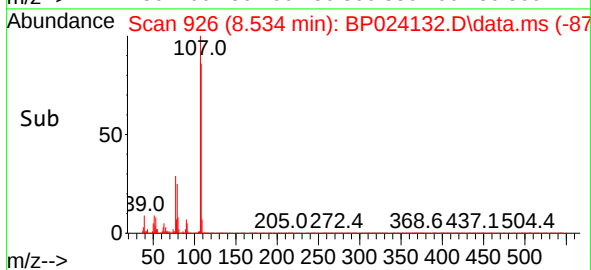
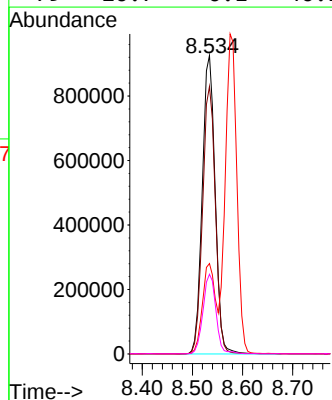
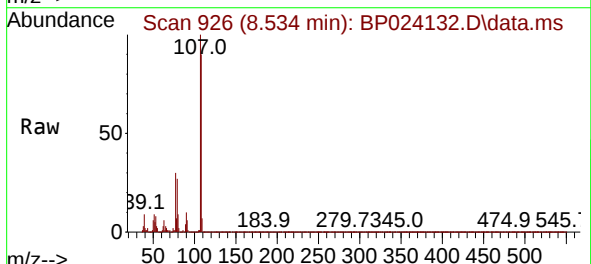
Instrument :
BNA_P
ClientSampleId :
PB166914BS

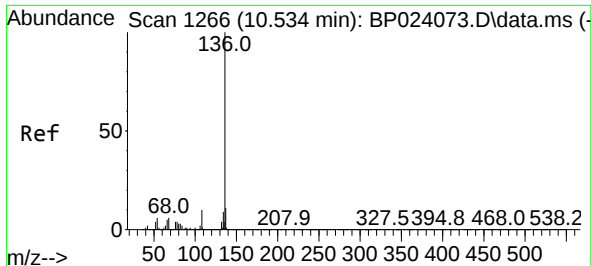
Tgt Ion:	70	Resp:	974871
Ion	Ratio	Lower	Upper
70	100		
42	45.3	36.6	54.8
101	10.3	8.2	12.2
130	23.6	18.6	28.0



#20
3+4-Methylphenols
Concen: 59.422 ng
RT: 8.534 min Scan# 926
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:	107	Resp:	1647016
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	30.3	10.7	50.7
79	26.7	6.1	46.1

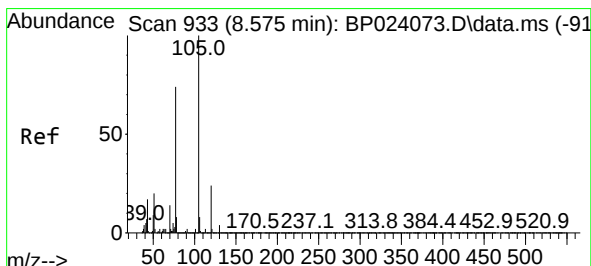
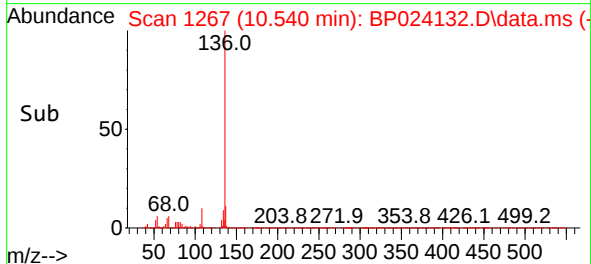
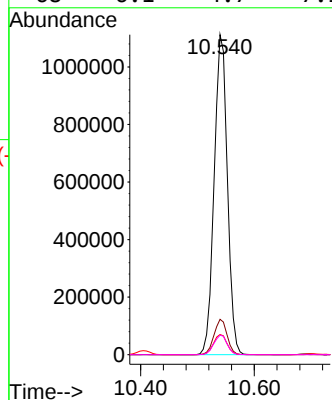
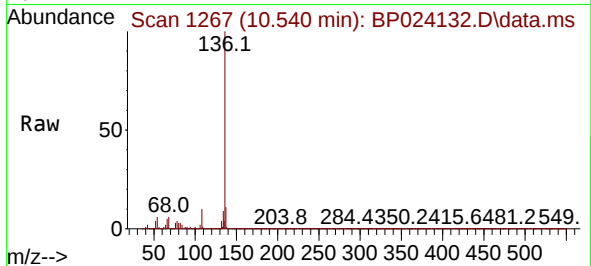




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

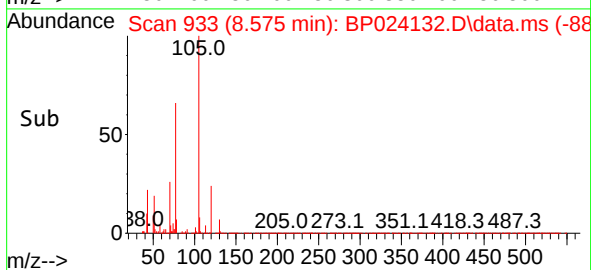
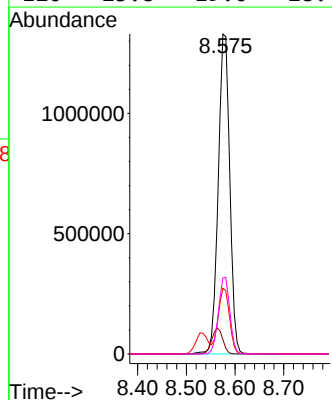
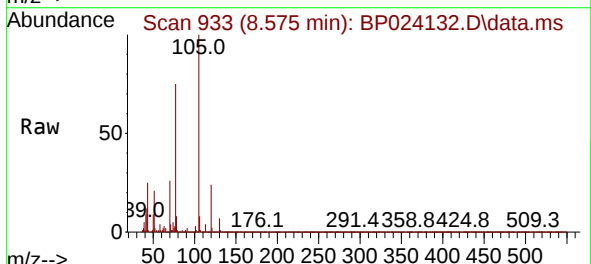
Instrument :
BNA_P
ClientSampleId :
PB166914BS

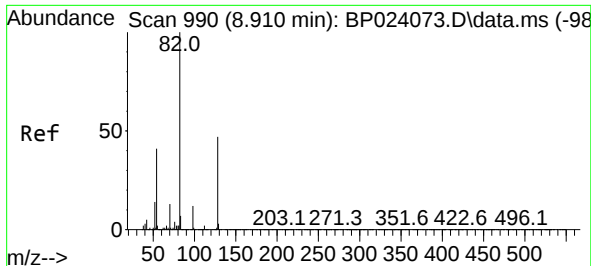
Tgt Ion:136 Resp: 1785895
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.3 4.9 7.3
68 6.1 4.7 7.1



#22
Acetophenone
Concen: 47.565 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:105 Resp: 2182895
Ion Ratio Lower Upper
105 100
71 4.5 1.9 2.9#
51 20.6 16.3 24.5
120 23.8 19.0 28.4

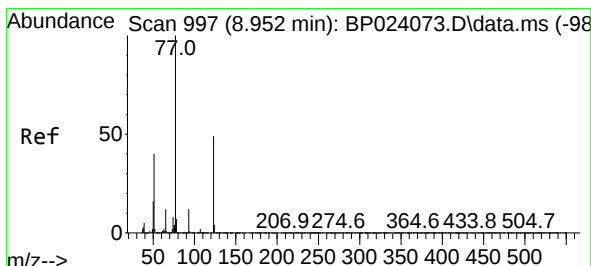
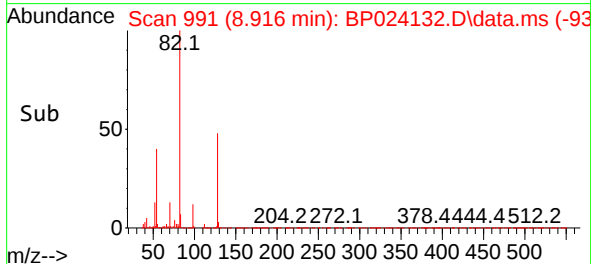
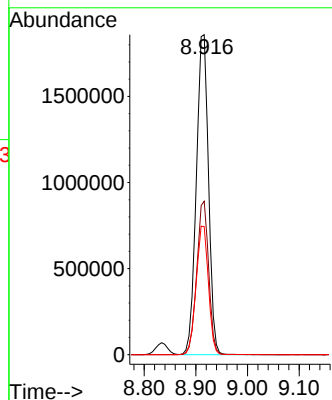
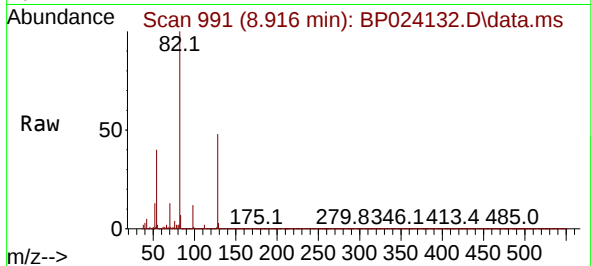




#23
Nitrobenzene-d5
Concen: 95.088 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

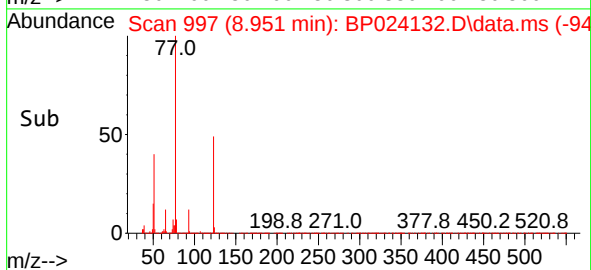
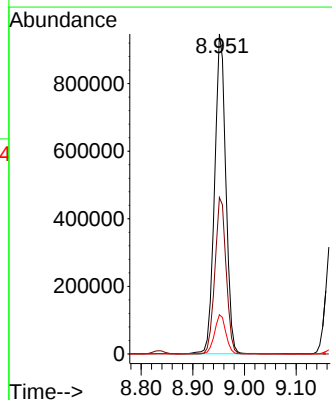
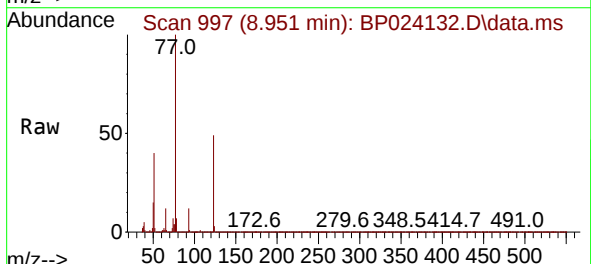
Instrument :
BNA_P
ClientSampleId :
PB166914BS

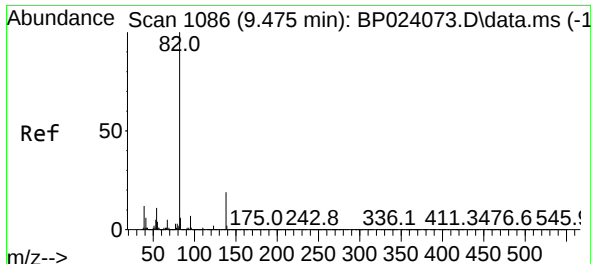
Tgt Ion: 82 Resp: 3043932
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.2
54 40.1 32.4 48.6



#24
Nitrobenzene
Concen: 45.231 ng
RT: 8.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion: 77 Resp: 1424969
Ion Ratio Lower Upper
77 100
123 48.9 39.4 59.2
65 12.3 9.9 14.9

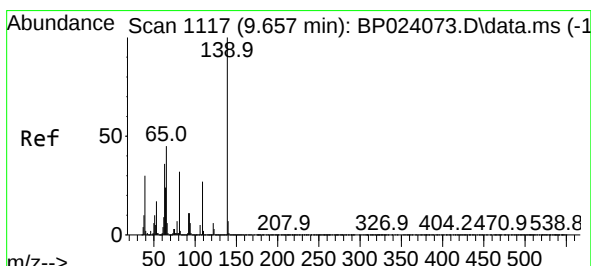
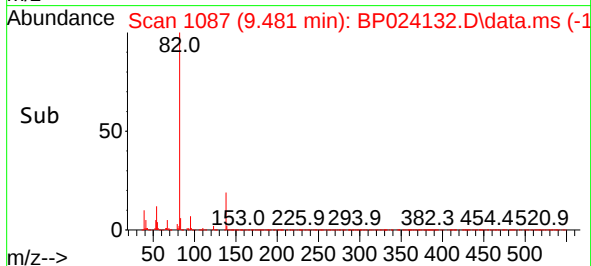
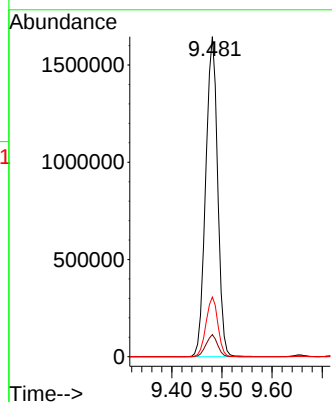
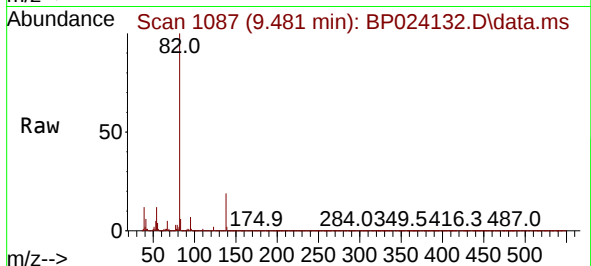




#25
Isophorone
Concen: 51.961 ng
RT: 9.481 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

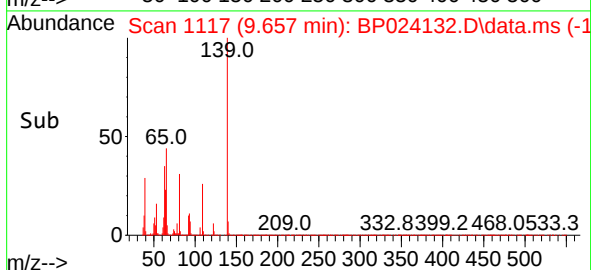
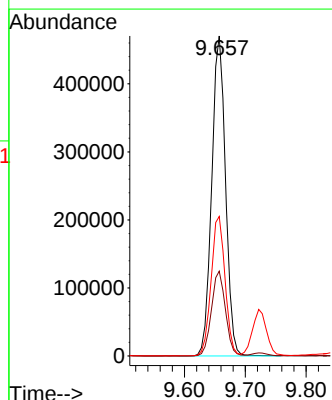
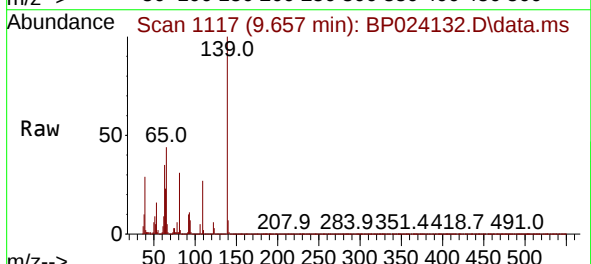
Instrument :
BNA_P
ClientSampleId :
PB166914BS

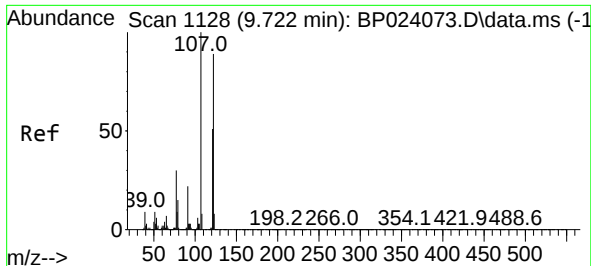
Tgt Ion: 82 Resp: 2720075
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.6 15.3 22.9



#26
2-Nitrophenol
Concen: 50.998 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion: 139 Resp: 740203
Ion Ratio Lower Upper
139 100
109 26.5 21.7 32.5
65 43.6 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 64.650 ng

RT: 9.722 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

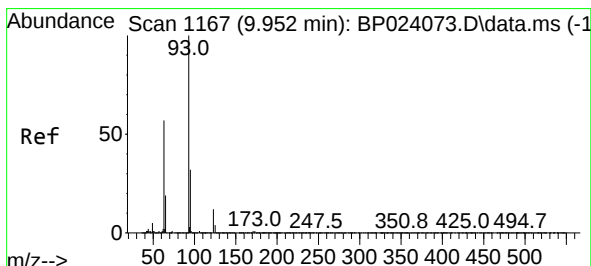
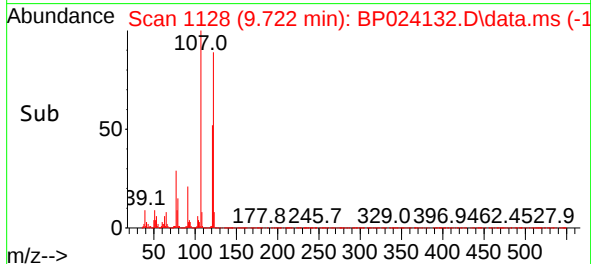
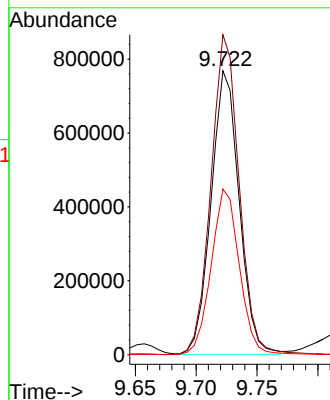
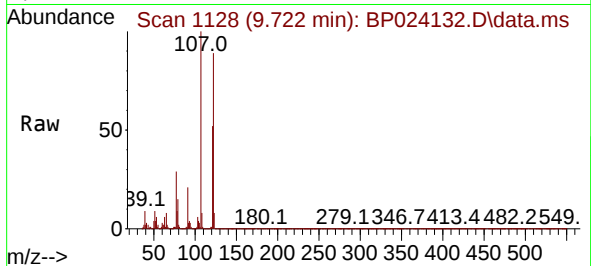
Tgt Ion:122 Resp: 1231748

Ion Ratio Lower Upper

122 100

107 112.7 89.8 134.8

121 58.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 46.817 ng

RT: 9.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

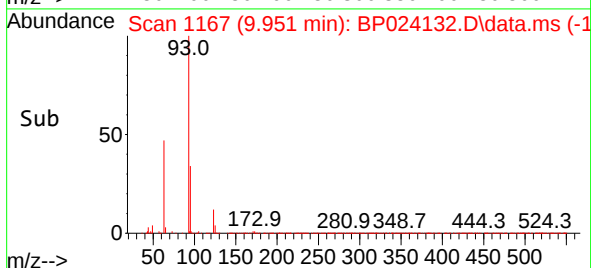
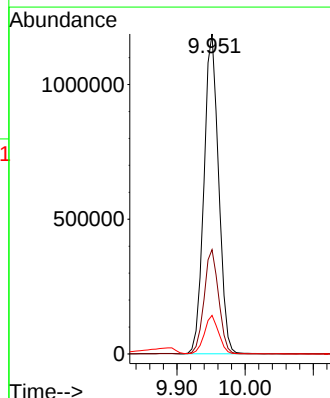
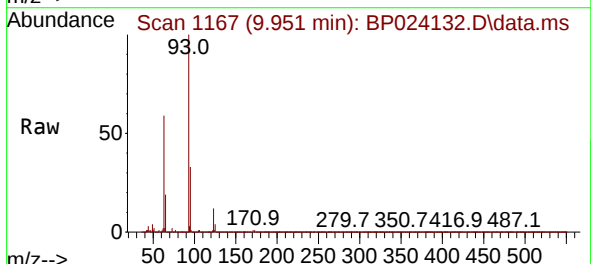
Tgt Ion: 93 Resp: 1775437

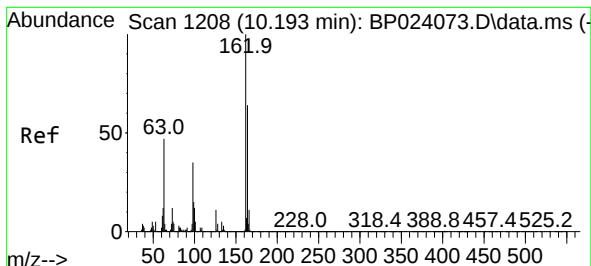
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 51.056 ng

RT: 10.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

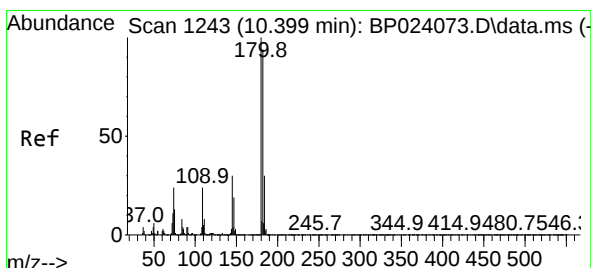
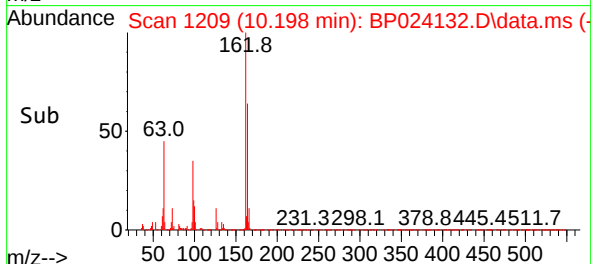
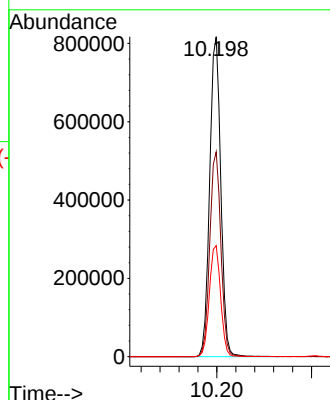
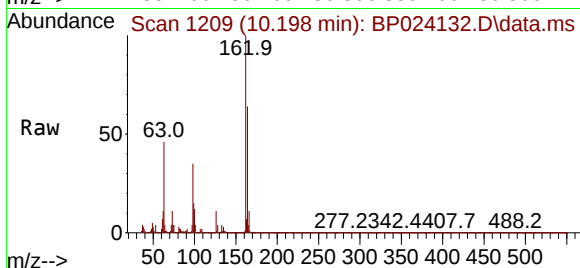
Tgt Ion:162 Resp: 1327512

Ion Ratio Lower Upper

162 100

164 64.0 44.5 84.5

98 34.7 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 41.901 ng

RT: 10.404 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

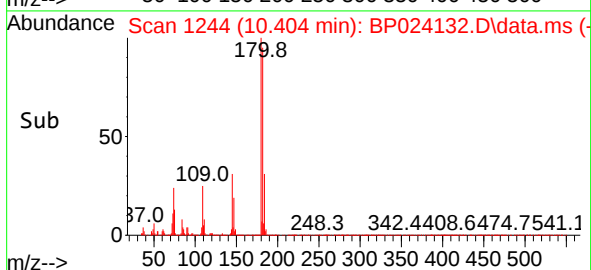
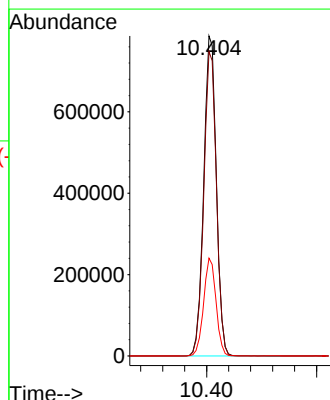
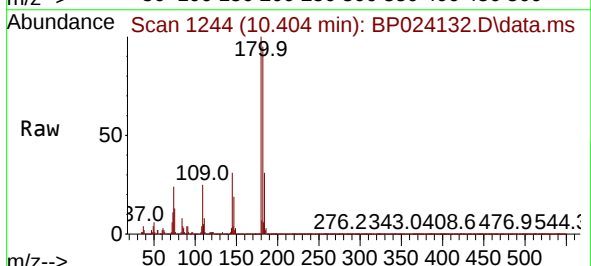
Tgt Ion:180 Resp: 1248245

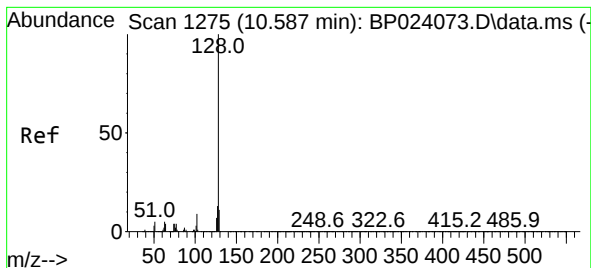
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 30.5 24.0 36.0

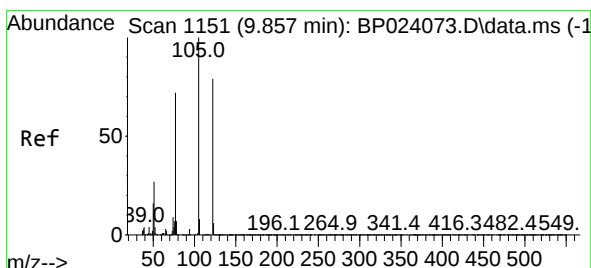
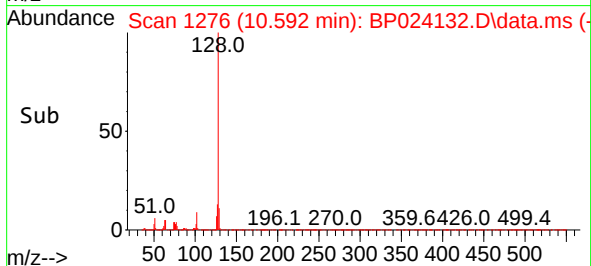
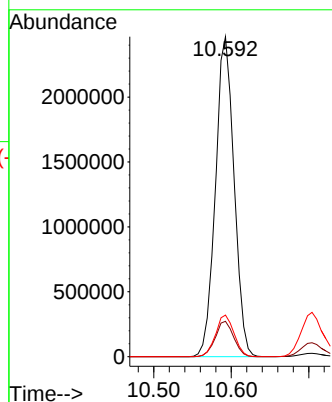
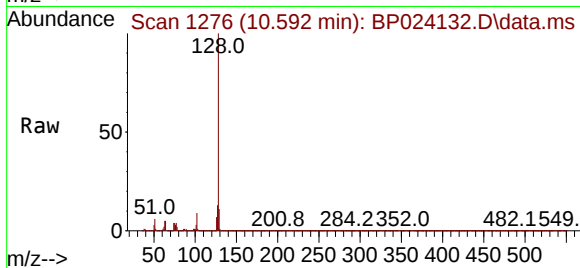




#31
Naphthalene
Concen: 42.759 ng
RT: 10.592 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

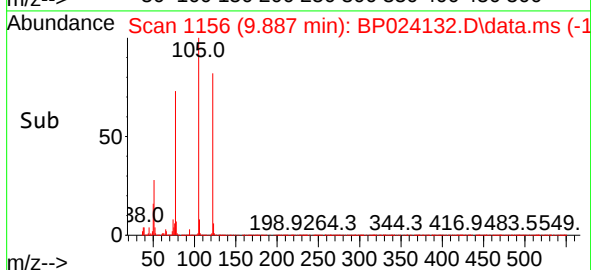
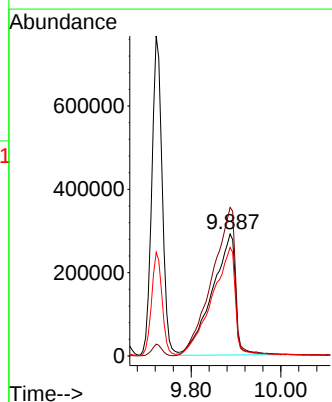
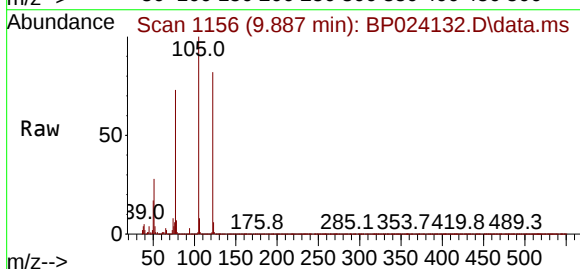
Instrument :
BNA_P
ClientSampleId :
PB166914BS

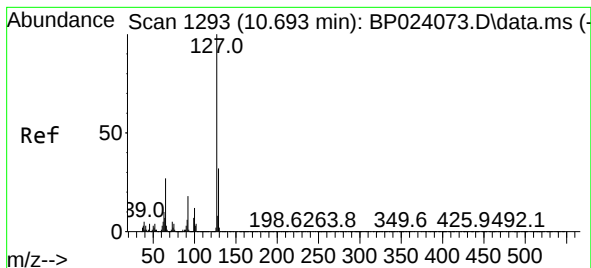
Tgt Ion:128 Resp: 4105994
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 51.786 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.030 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:122 Resp: 1049228
Ion Ratio Lower Upper
122 100
105 121.8 103.7 143.7
77 89.0 69.9 109.9

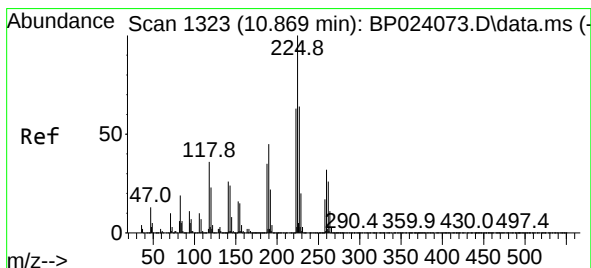
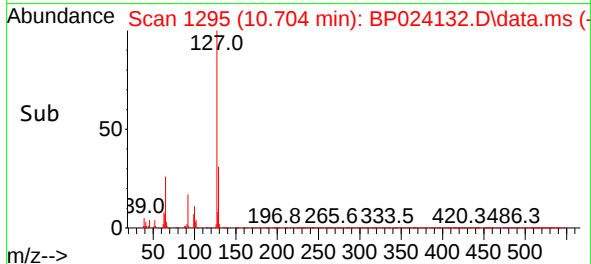
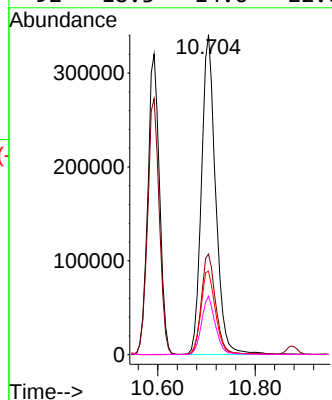
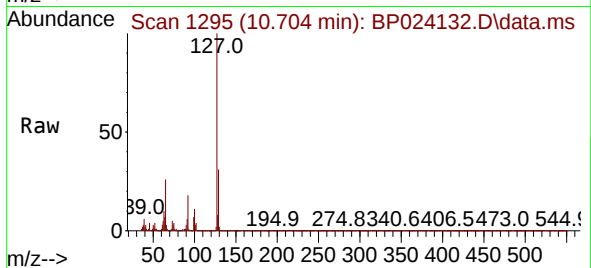




#33
4-Chloroaniline
Concen: 20.266 ng
RT: 10.704 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

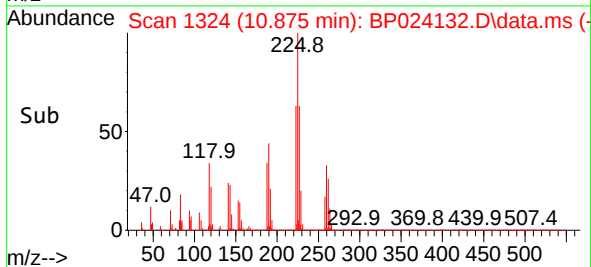
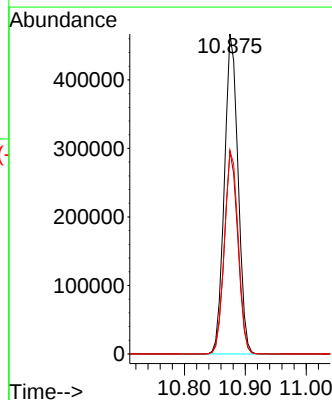
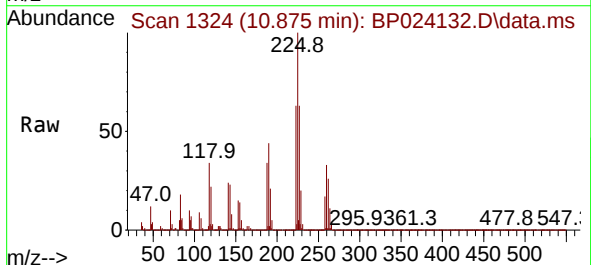
Instrument :
BNA_P
ClientSampleId :
PB166914BS

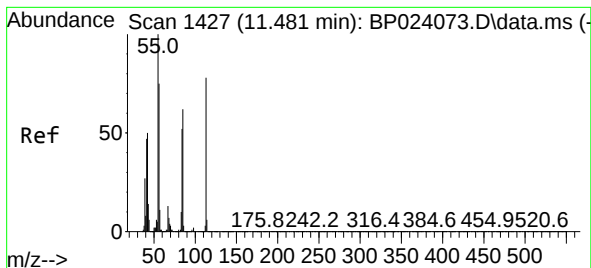
Tgt Ion:	127	Resp:	685575
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.4	38.0
65	26.1	21.3	31.9
92	18.3	14.6	22.0



#34
Hexachlorobutadiene
Concen: 42.119 ng
RT: 10.875 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:	225	Resp:	726764
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.5	75.7
227	63.4	51.3	76.9





#35

Caprolactam

Concen: 51.665 ng

RT: 11.498 min Scan# 1427

Delta R.T. 0.017 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

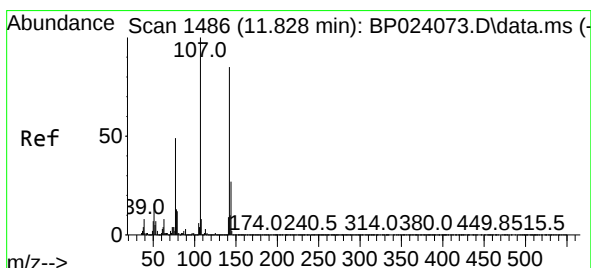
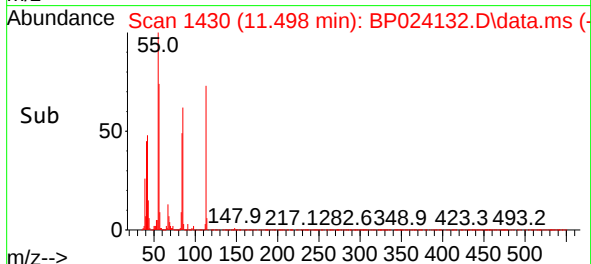
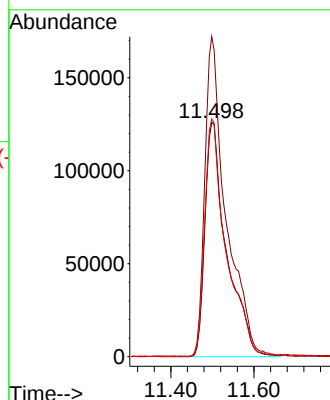
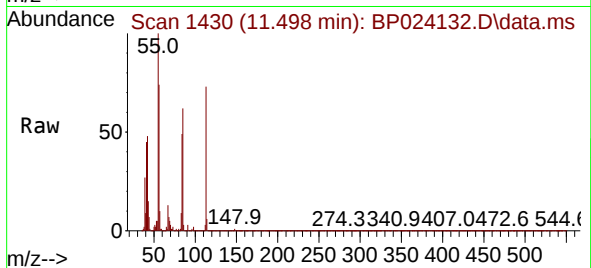
Tgt Ion:113 Resp: 456684

Ion Ratio Lower Upper

113 100

55 136.6 108.8 148.8

56 101.5 76.5 116.5



#36

4-Chloro-3-methylphenol

Concen: 51.478 ng

RT: 11.839 min Scan# 1488

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

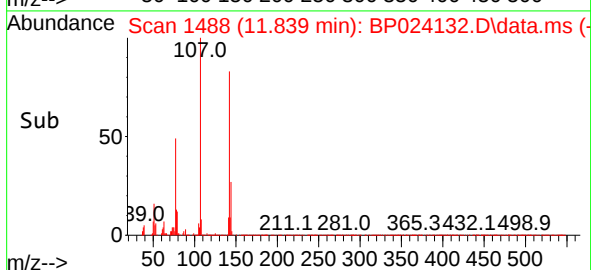
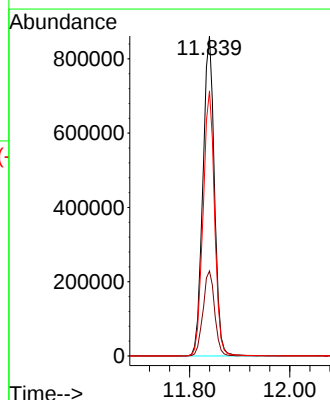
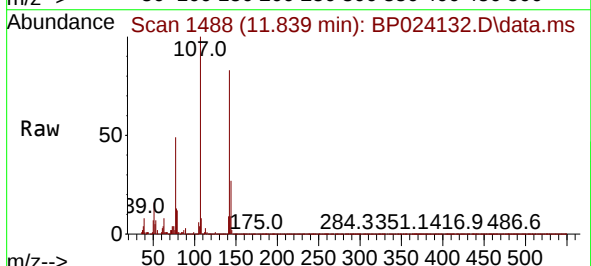
Tgt Ion:107 Resp: 1375979

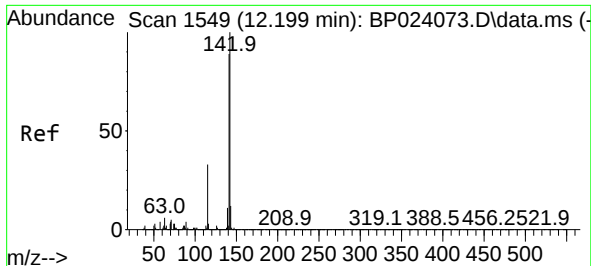
Ion Ratio Lower Upper

107 100

144 26.5 21.8 32.8

142 82.8 67.8 101.8

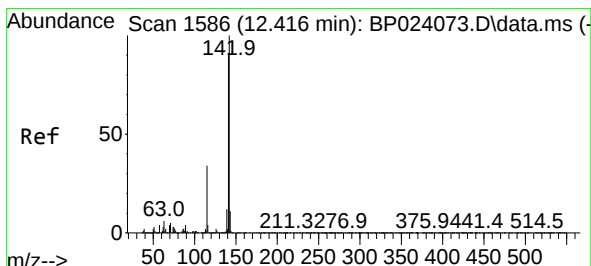
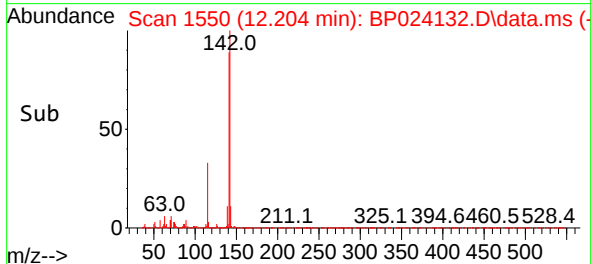
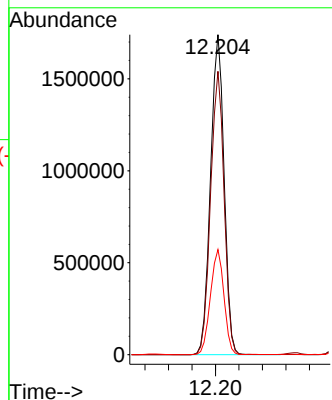
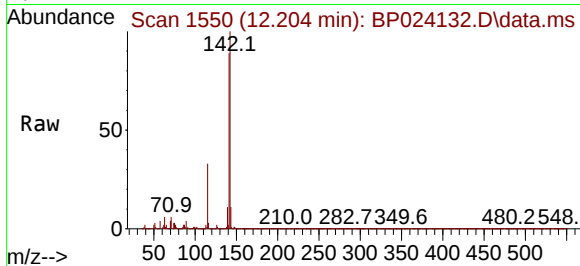




#37
2-Methylnaphthalene
Concen: 43.690 ng
RT: 12.204 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

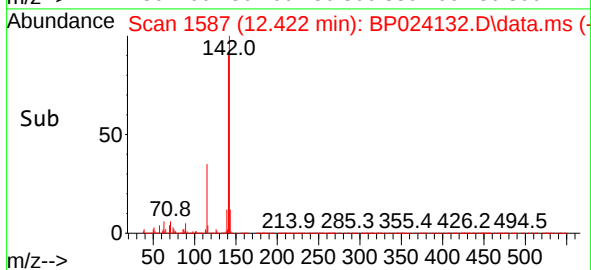
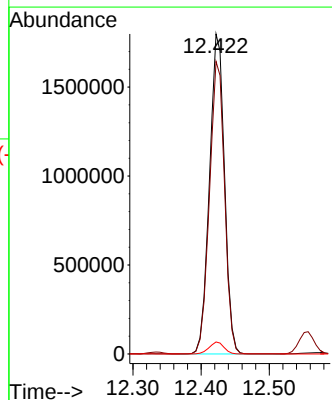
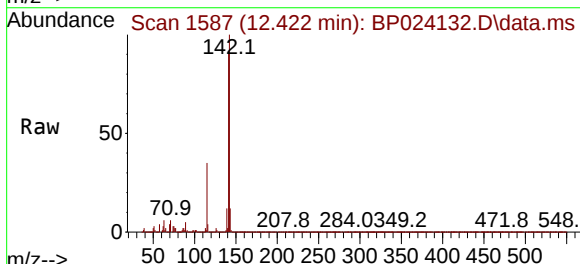
Instrument :
BNA_P
ClientSampleId :
PB166914BS

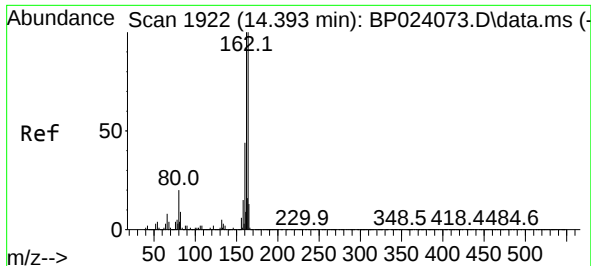
Tgt Ion:142 Resp: 2788525
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 32.9 26.5 39.7



#38
1-Methylnaphthalene
Concen: 44.311 ng
RT: 12.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:142 Resp: 2751243
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6
116 3.8 2.8 4.2

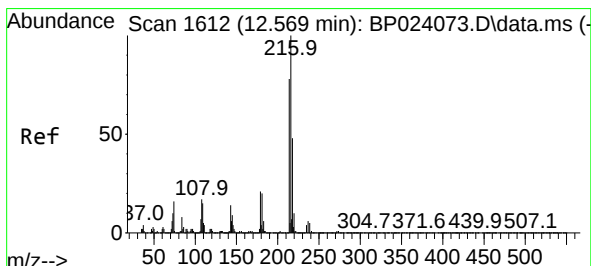
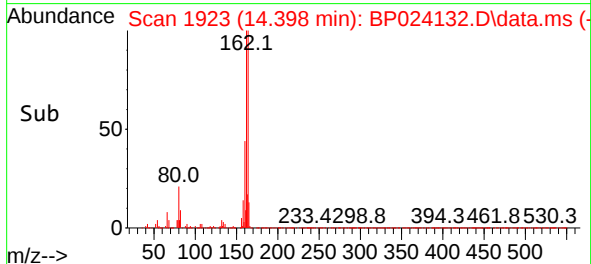
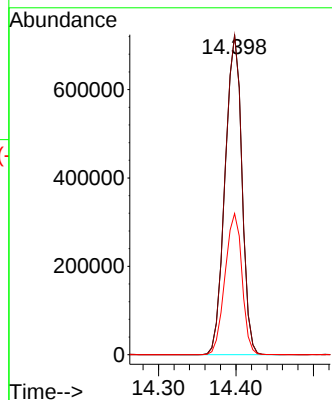
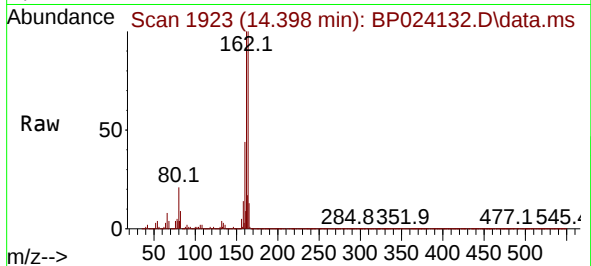




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

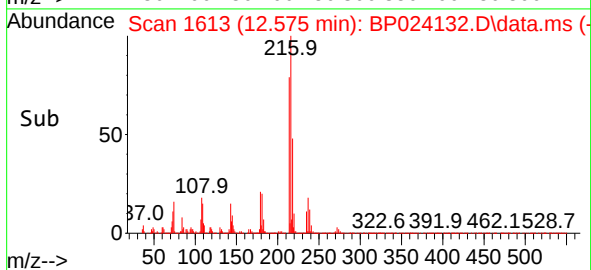
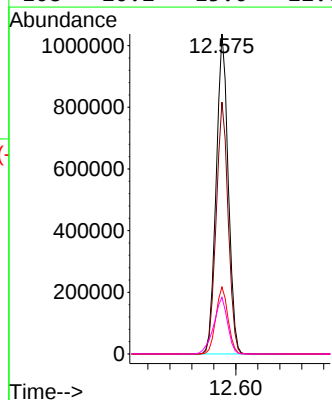
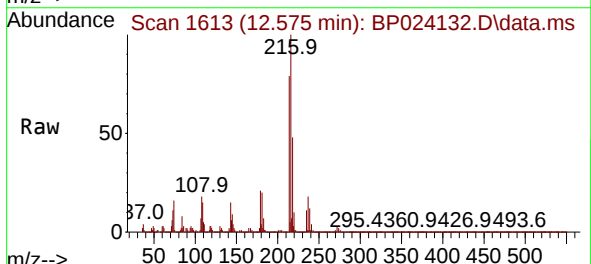
Instrument :
BNA_P
ClientSampleId :
PB166914BS

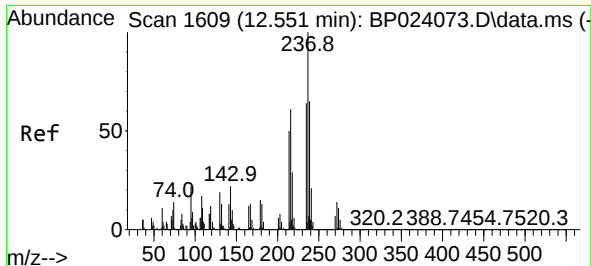
Tgt Ion:164 Resp: 1091124
Ion Ratio Lower Upper
164 100
162 99.7 80.1 120.1
160 44.1 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.077 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:216 Resp: 1578276
Ion Ratio Lower Upper
216 100
214 78.6 62.7 94.1
179 21.0 16.6 25.0
108 20.2 15.0 22.6

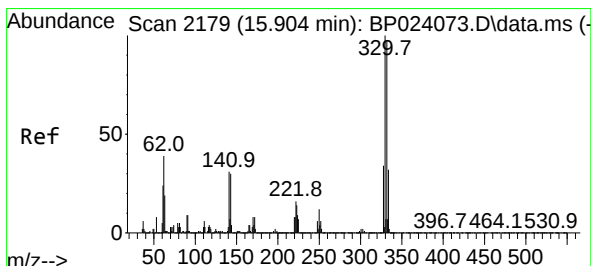
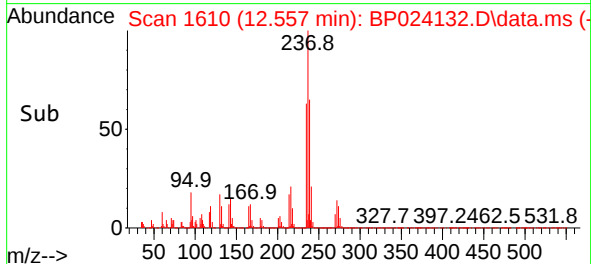
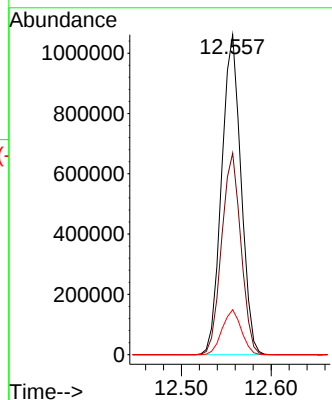
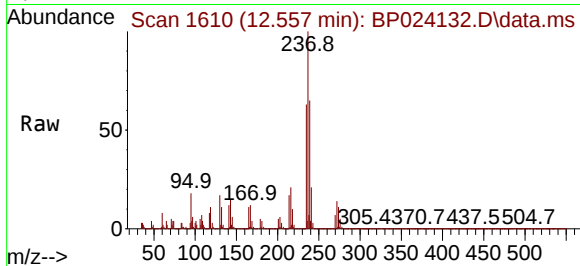




#41
Hexachlorocyclopentadiene
Concen: 127.363 ng
RT: 12.557 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

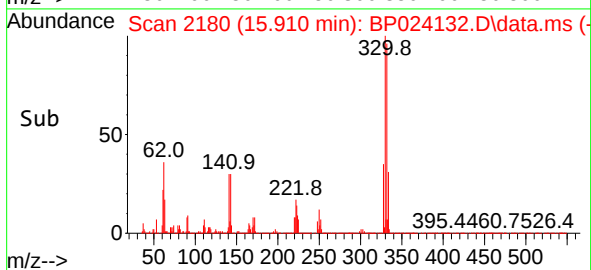
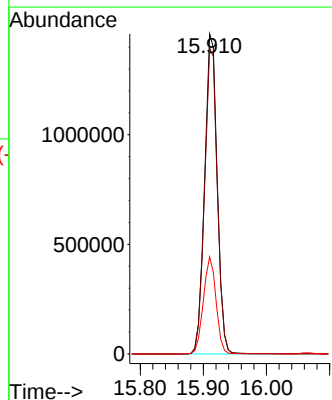
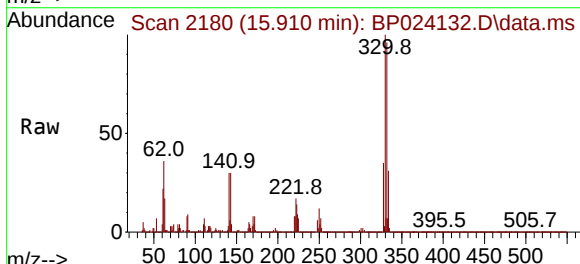
Instrument :
BNA_P
ClientSampleId :
PB166914BS

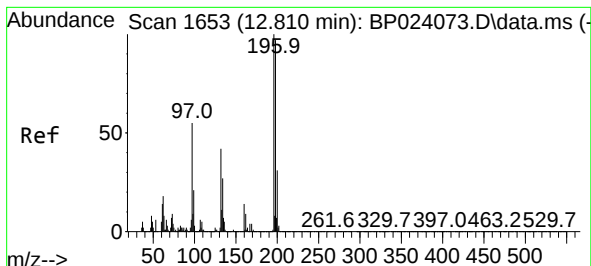
Tgt Ion:237 Resp: 1588867
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 14.1 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 151.743 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:330 Resp: 2028056
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 30.4 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 49.246 ng

RT: 12.816 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

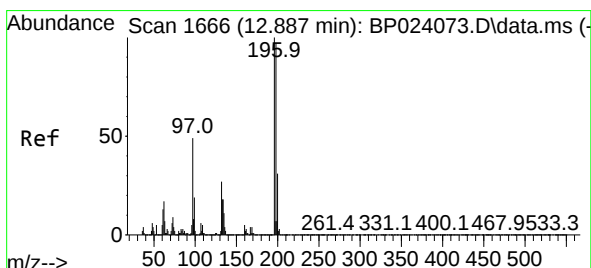
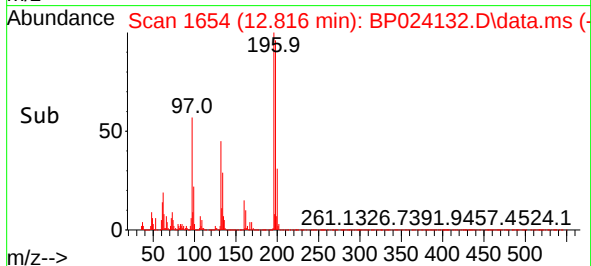
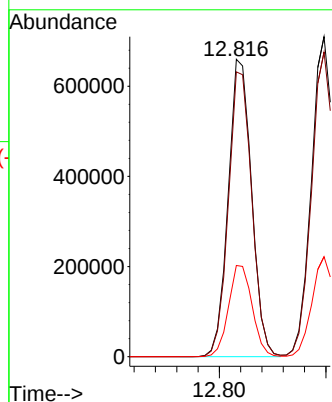
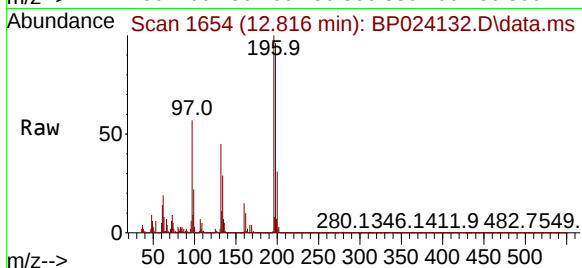
Tgt Ion:196 Resp: 1006856

Ion Ratio Lower Upper

196 100

198 95.8 77.8 116.6

200 30.7 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 48.951 ng

RT: 12.898 min Scan# 1668

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Tgt Ion:196 Resp: 1094550

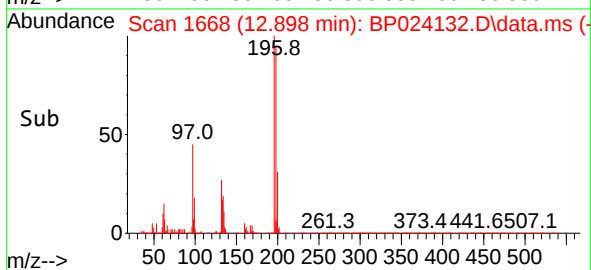
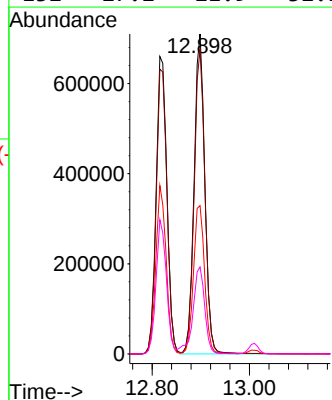
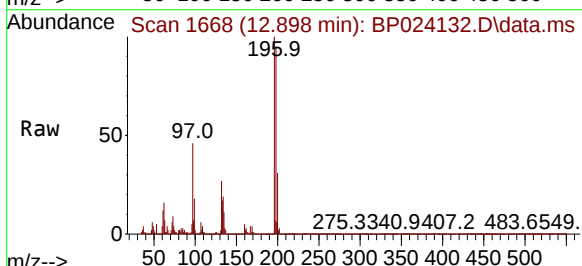
Ion Ratio Lower Upper

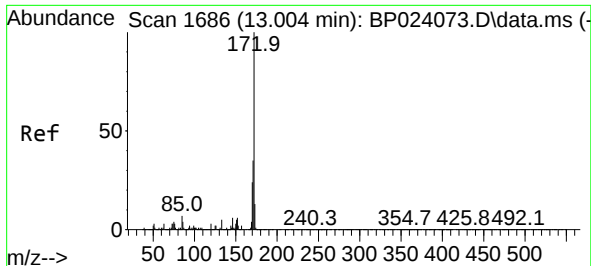
196 100

198 95.2 77.4 116.2

97 46.3 39.0 58.4

132 27.2 21.9 32.9

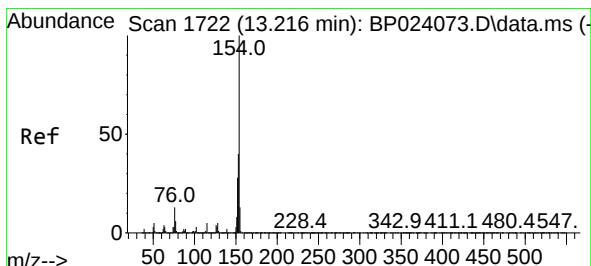
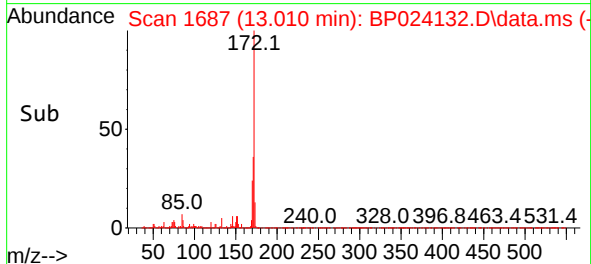
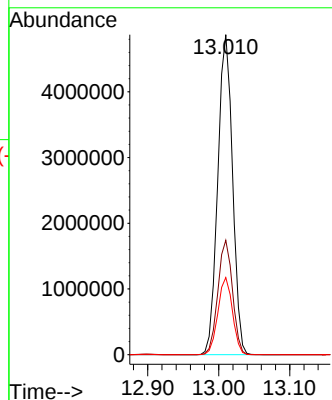
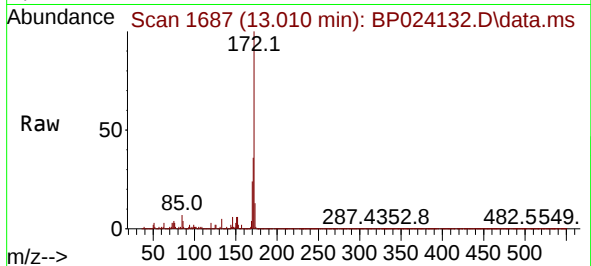




#45
2-Fluorobiphenyl
Concen: 89.693 ng
RT: 13.010 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

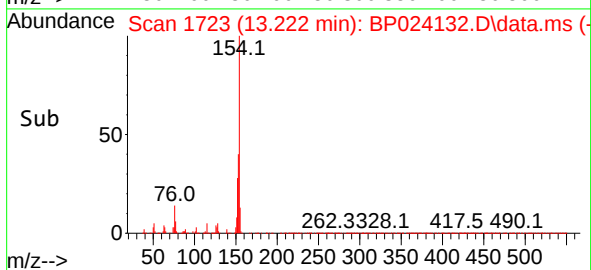
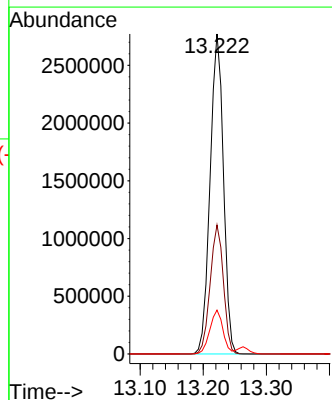
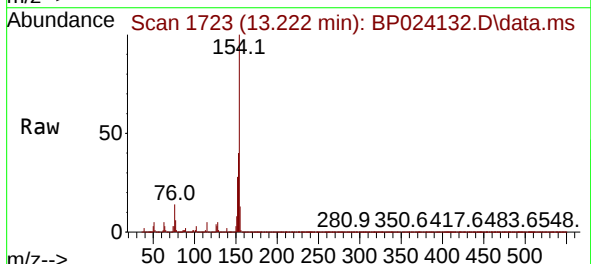
Instrument :
BNA_P
ClientSampleId :
PB166914BS

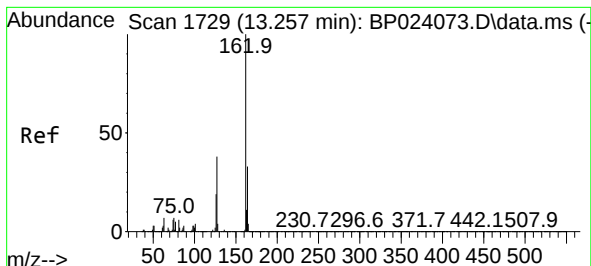
Tgt Ion:172 Resp: 7000412
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.818 ng
RT: 13.222 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:154 Resp: 4054363
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 13.7 0.0 32.6





#47

2-Chloronaphthalene

Concen: 43.817 ng

RT: 13.263 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

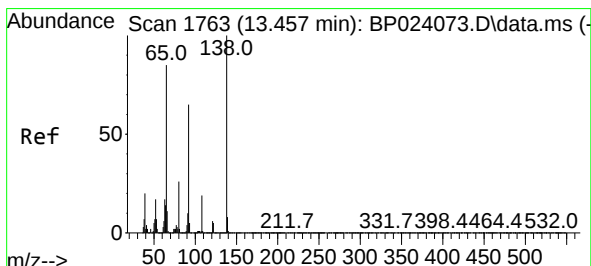
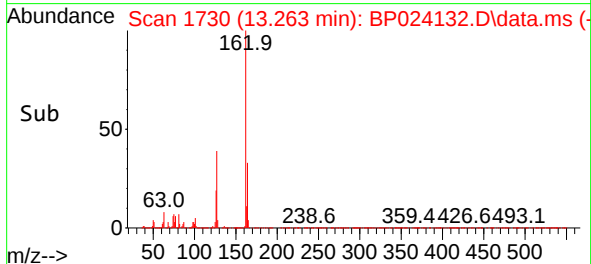
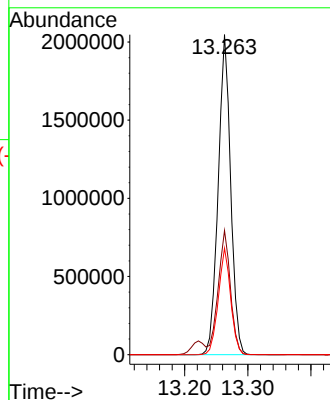
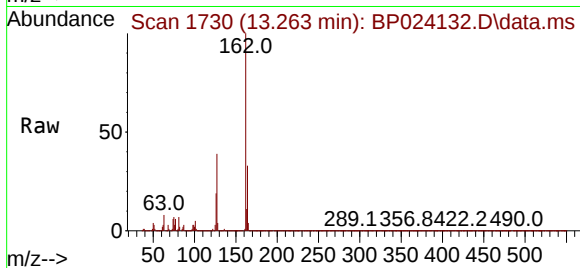
Tgt Ion:162 Resp: 2808406

Ion Ratio Lower Upper

162 100

127 38.8 30.7 46.1

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 51.181 ng

RT: 13.463 min Scan# 1764

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

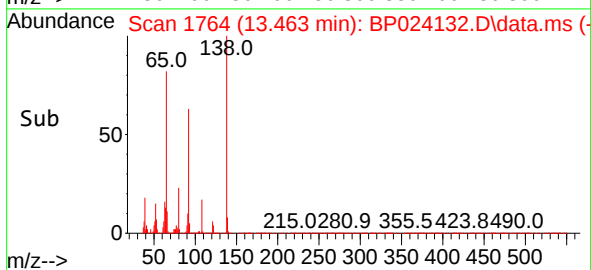
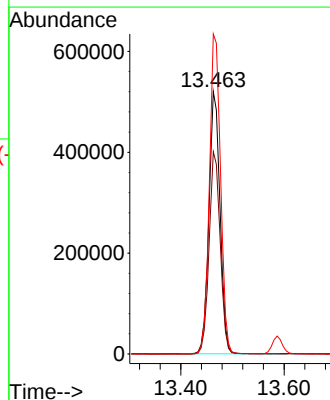
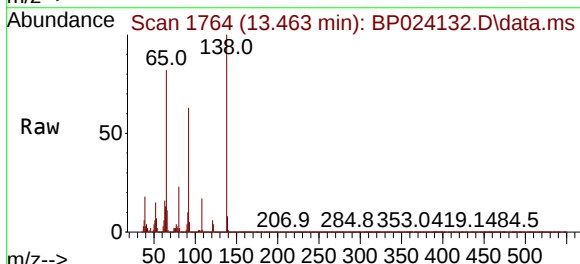
Tgt Ion: 65 Resp: 774905

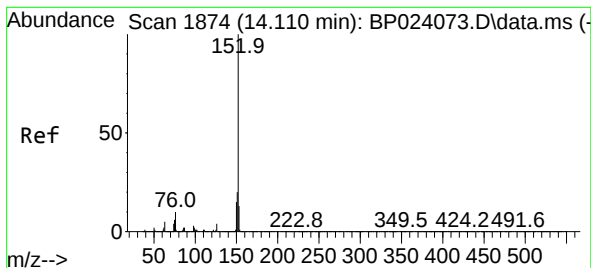
Ion Ratio Lower Upper

65 100

92 77.1 61.7 92.5

138 122.0 94.6 142.0





#49

Acenaphthylene

Concen: 47.462 ng

RT: 14.116 min Scan# 1874

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

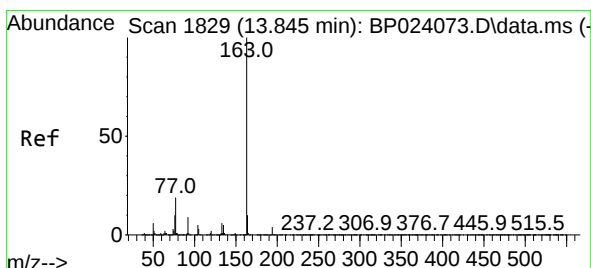
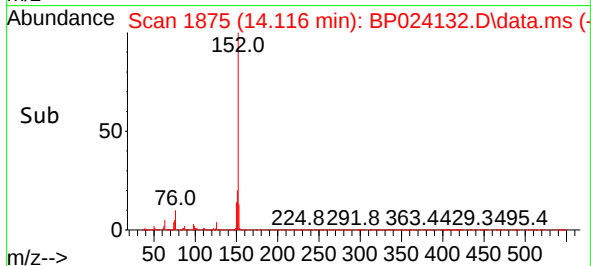
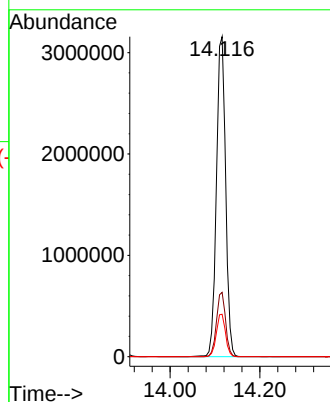
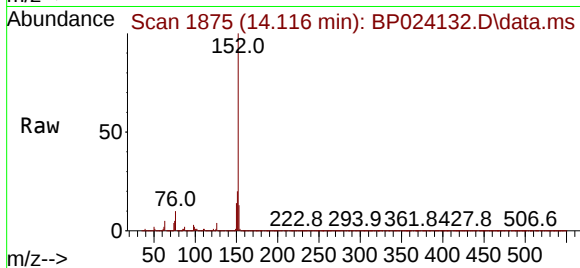
Tgt Ion:152 Resp: 4481918

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 44.394 ng

RT: 13.851 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

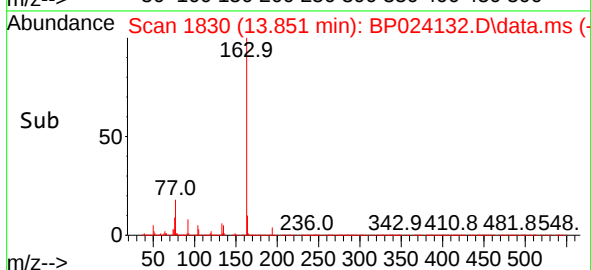
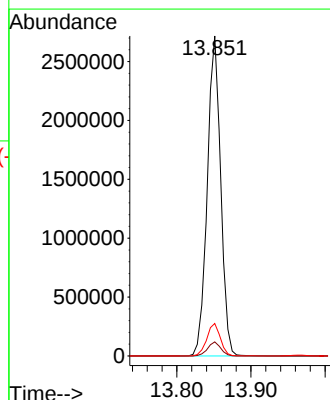
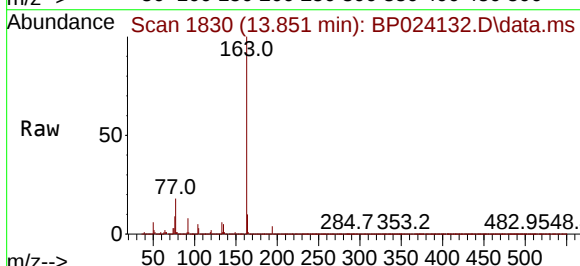
Tgt Ion:163 Resp: 3416807

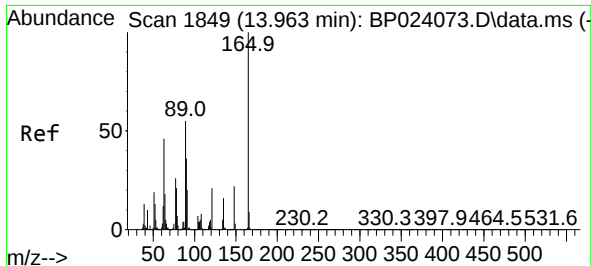
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.2 8.1 12.1

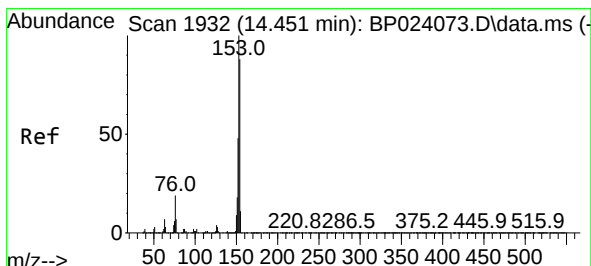
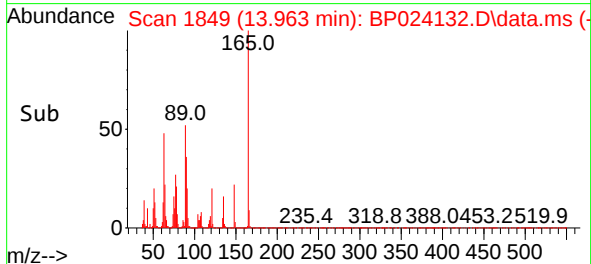
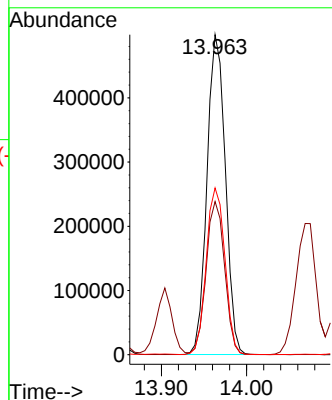
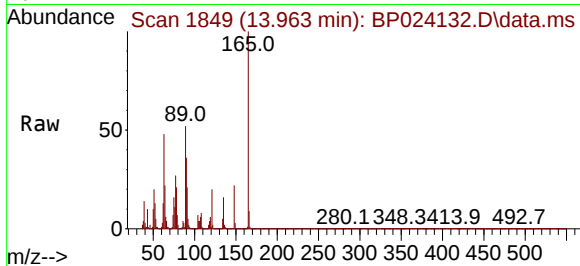




#51
2,6-Dinitrotoluene
Concen: 47.482 ng
RT: 13.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

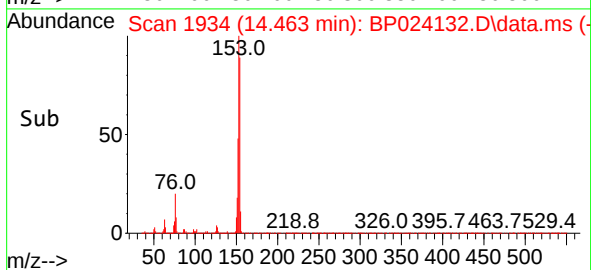
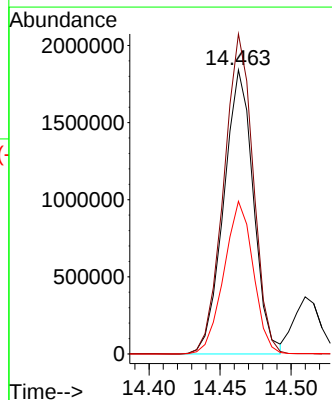
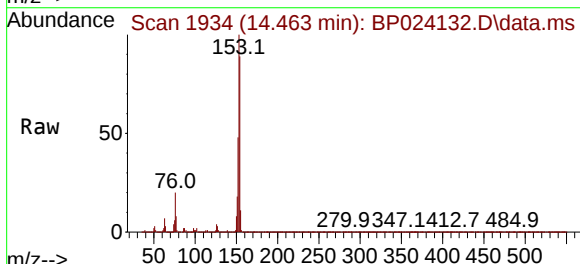
Instrument :
BNA_P
ClientSampleId :
PB166914BS

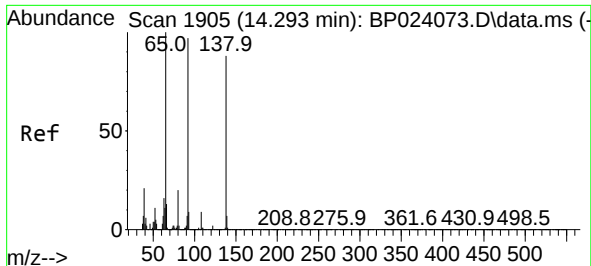
Tgt Ion:165 Resp: 744432
Ion Ratio Lower Upper
165 100
63 47.9 40.1 60.1
89 52.1 44.2 66.4



#52
Acenaphthene
Concen: 43.997 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:154 Resp: 2675509
Ion Ratio Lower Upper
154 100
153 112.7 90.6 135.8
152 53.8 43.6 65.4

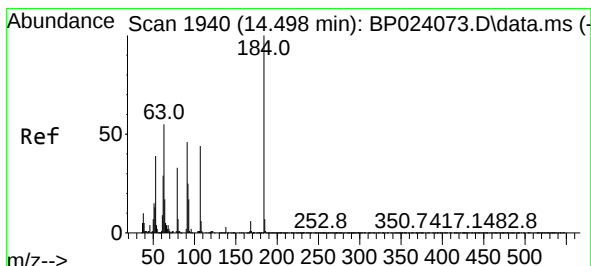
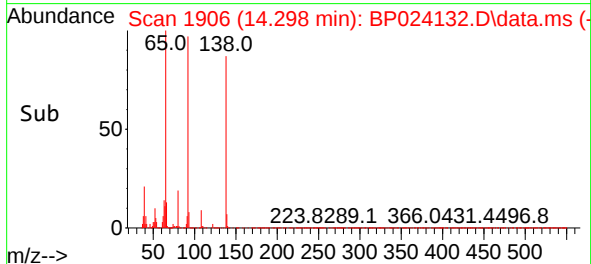
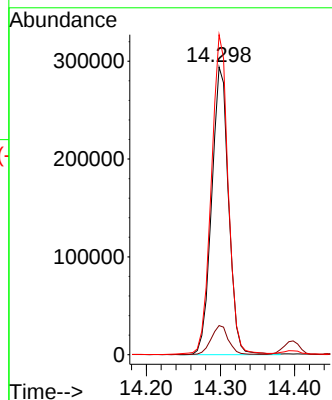
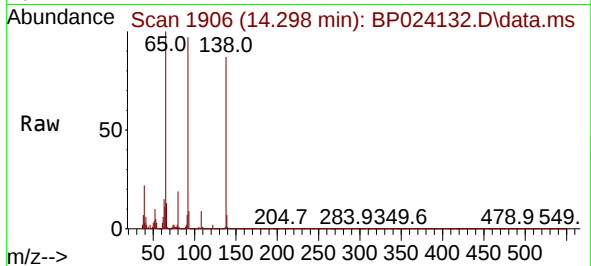




#53
3-Nitroaniline
Concen: 27.903 ng
RT: 14.298 min Scan# 1905
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

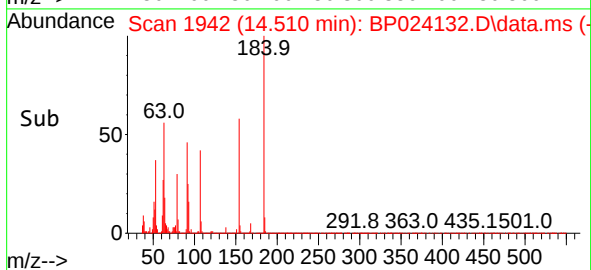
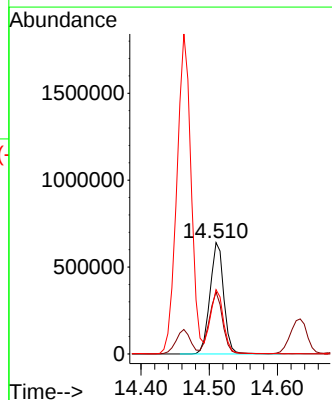
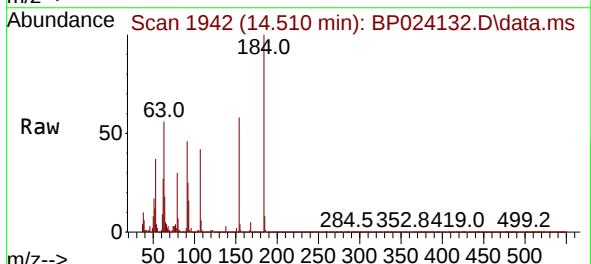
Instrument :
BNA_P
ClientSampleId :
PB166914BS

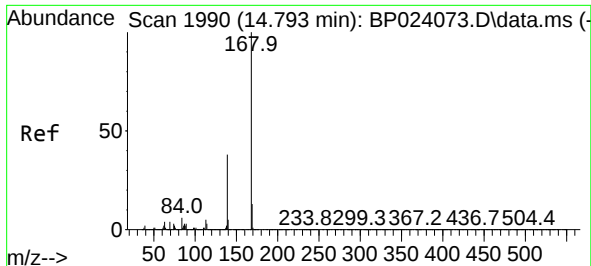
Tgt Ion:138 Resp: 466820
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.8
92 111.3 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 86.441 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:184 Resp: 900672
Ion Ratio Lower Upper
184 100
63 55.7 49.4 74.0
154 57.8 49.2 73.8

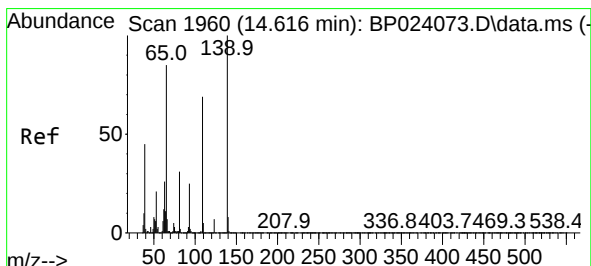
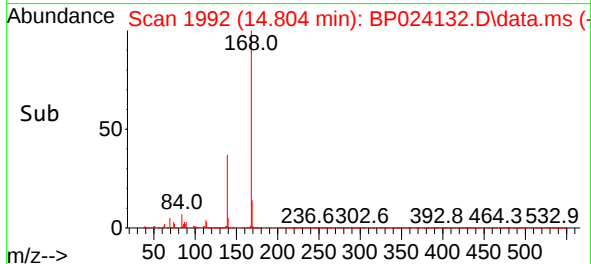
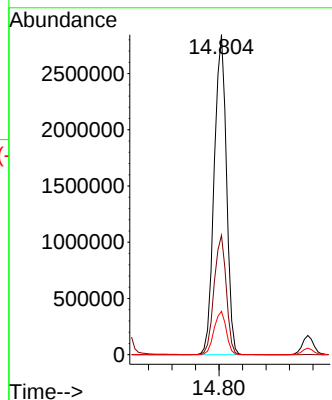
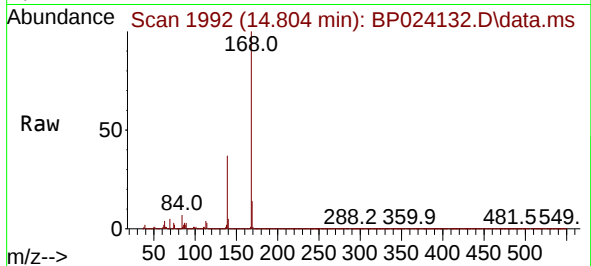




#55
Dibenzenofuran
Concen: 41.593 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

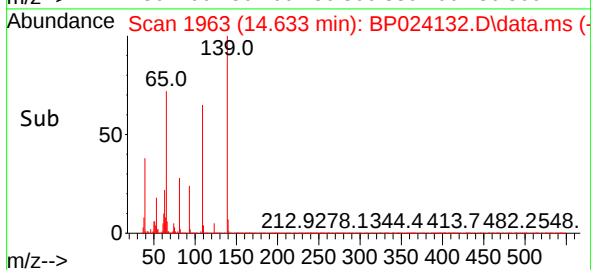
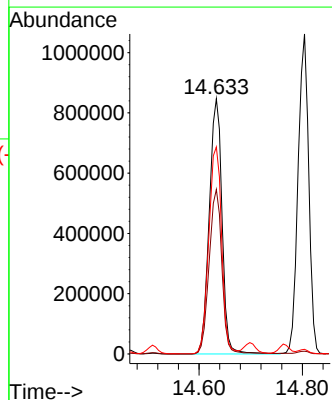
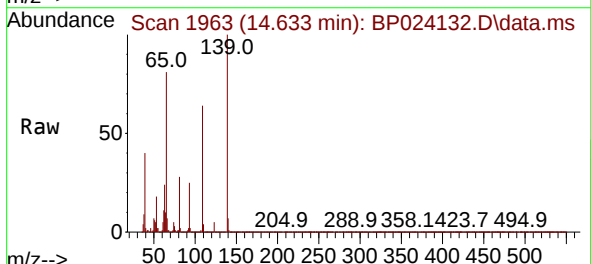
Instrument :
BNA_P
ClientSampleId :
PB166914BS

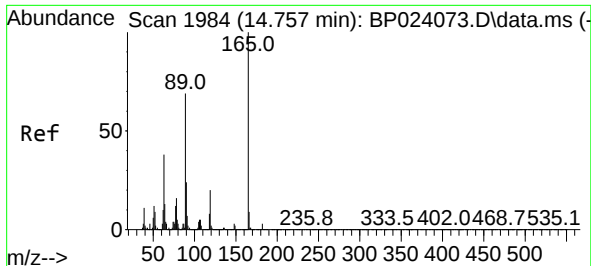
Tgt Ion:168 Resp: 4108914
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 100.333 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.017 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:139 Resp: 1449969
Ion Ratio Lower Upper
139 100
109 64.5 49.2 89.2
65 81.1 65.4 105.4

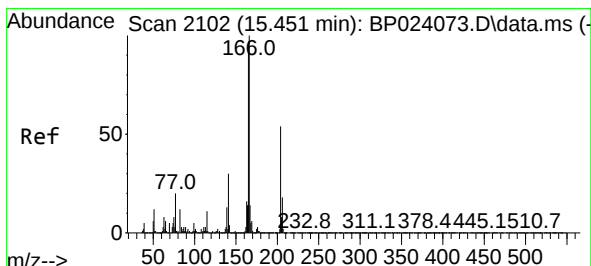
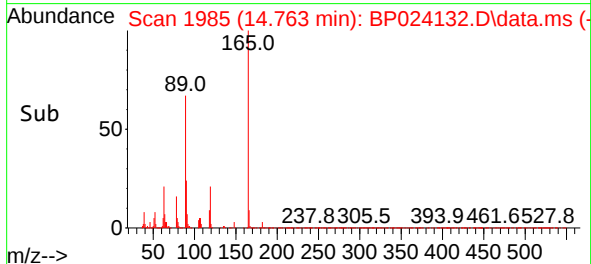
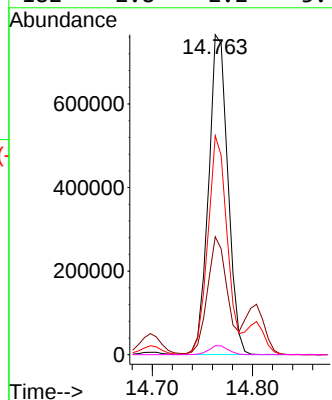
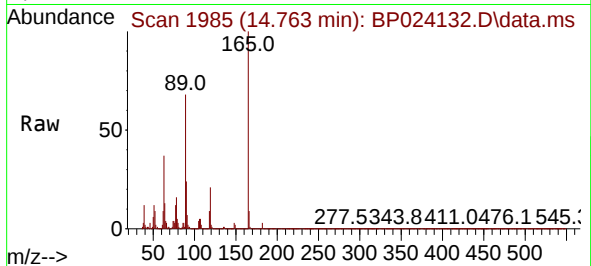




#57
2,4-Dinitrotoluene
Concen: 50.419 ng
RT: 14.763 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

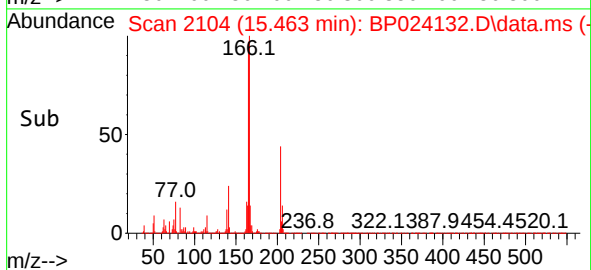
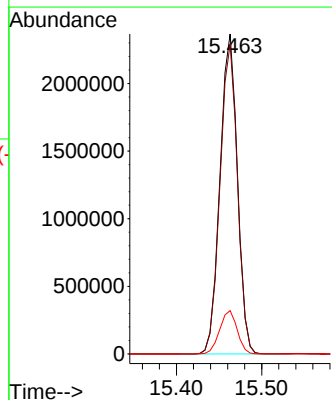
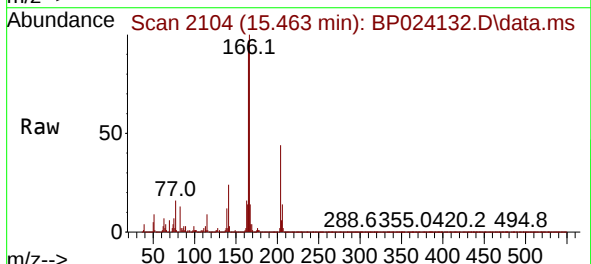
Instrument :
BNA_P
ClientSampleId :
PB166914BS

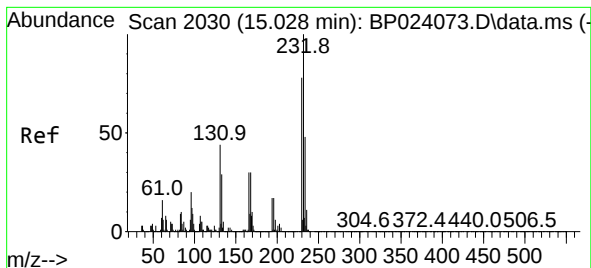
Tgt Ion:165 Resp: 1026874
Ion Ratio Lower Upper
165 100
63 36.9 30.4 45.6
89 68.5 54.8 82.2
182 2.8 2.2 3.4



#58
Fluorene
Concen: 43.502 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:166 Resp: 3356216
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3

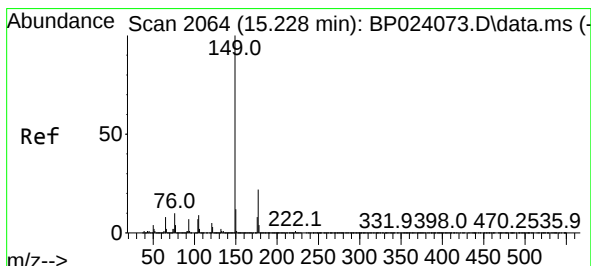
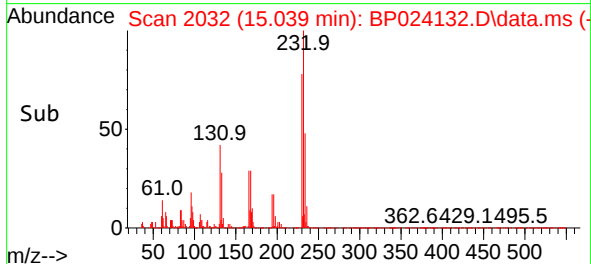
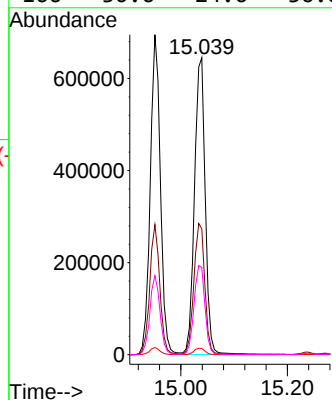
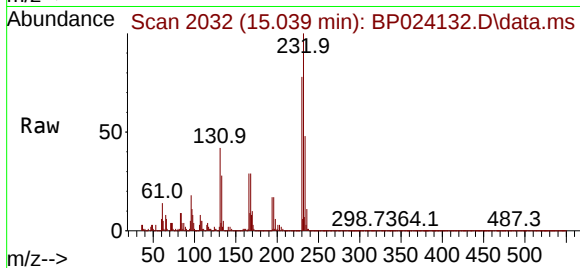




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.727 ng
RT: 15.039 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

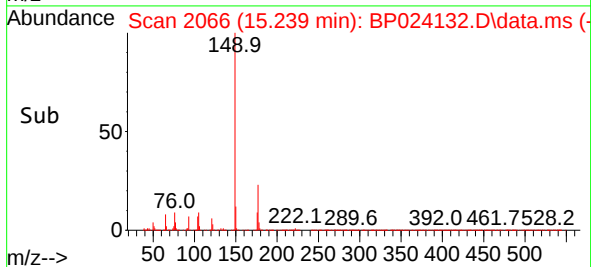
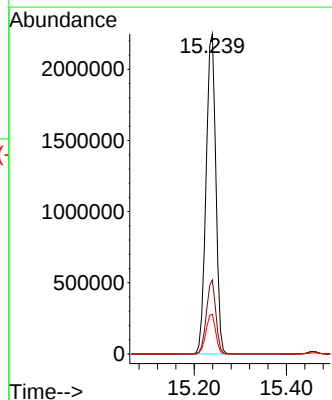
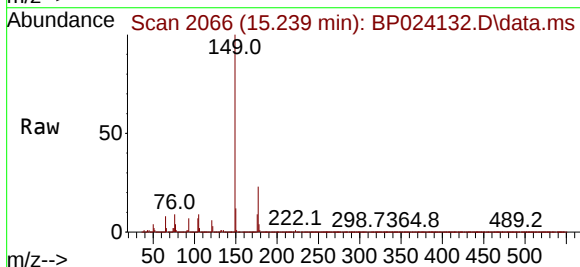
Instrument :
BNA_P
ClientSampleId :
PB166914BS

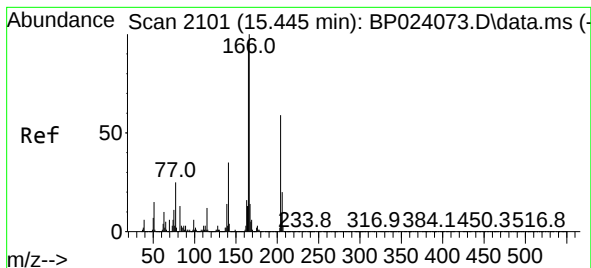
Tgt Ion:232 Resp: 906487
Ion Ratio Lower Upper
232 100
131 44.9 37.3 55.9
130 2.2 1.9 2.9
166 30.6 24.6 36.8



#60
Diethylphthalate
Concen: 43.414 ng
RT: 15.239 min Scan# 2066
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:149 Resp: 3316980
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.4 9.8 14.6

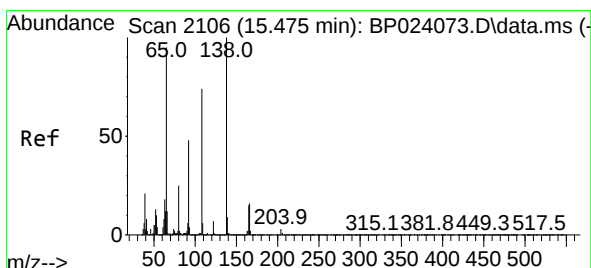
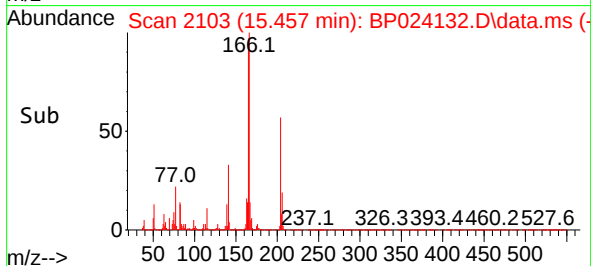
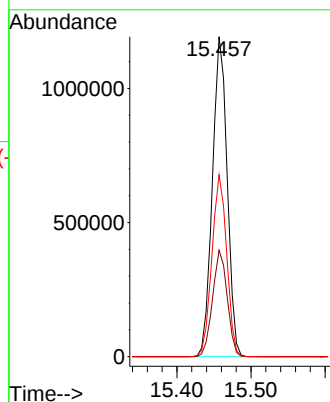
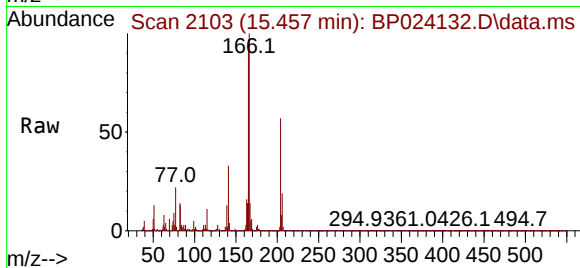




#61
4-Chlorophenyl-phenylether
Concen: 43.461 ng
RT: 15.457 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

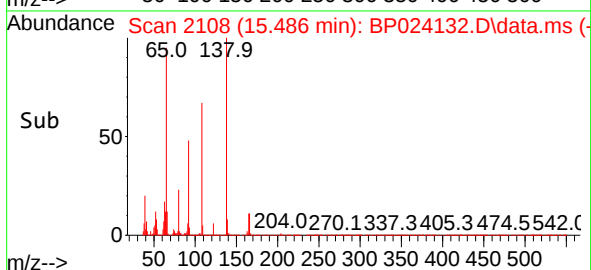
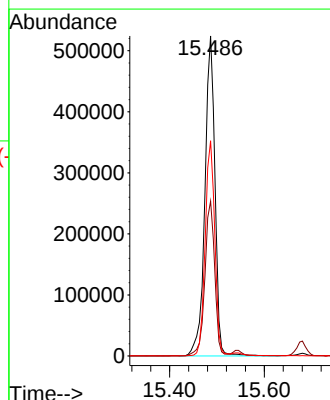
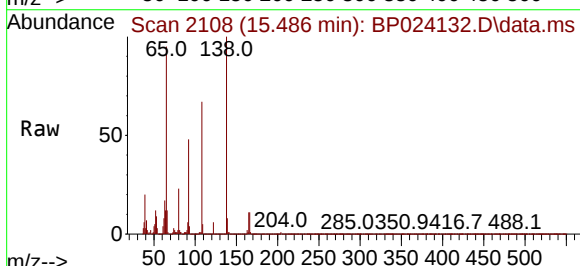
Instrument :
BNA_P
ClientSampleId :
PB166914BS

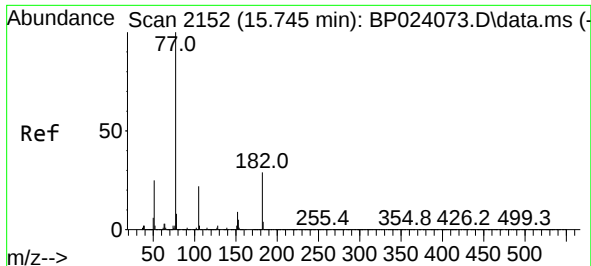
Tgt Ion:204 Resp: 1650410
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 56.9 47.8 71.6



#62
4-Nitroaniline
Concen: 39.609 ng
RT: 15.486 min Scan# 2108
Delta R.T. 0.011 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:138 Resp: 772303
Ion Ratio Lower Upper
138 100
92 48.4 28.3 68.3
108 67.3 54.0 94.0



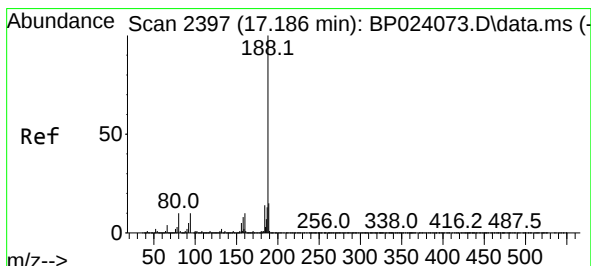
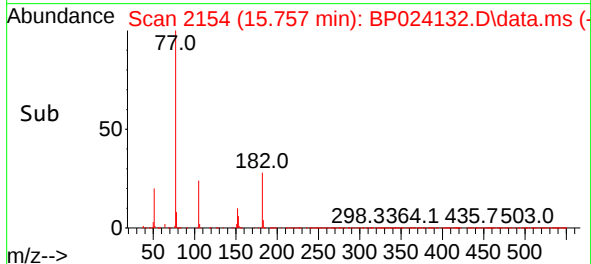
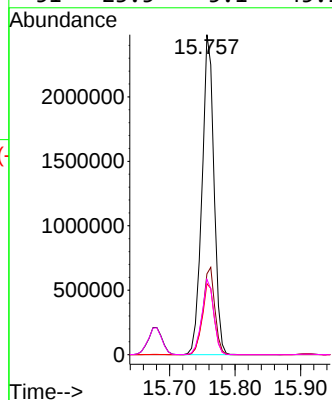
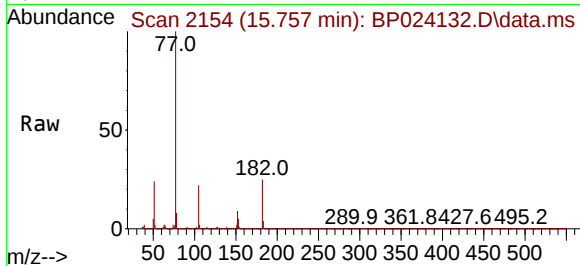


#63
Azobenzene
Concen: 44.082 ng
RT: 15.757 min Scan# 2154
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Instrument :
BNA_P
ClientSampleId :
PB166914BS

Tgt Ion: 77 Resp: 3156098

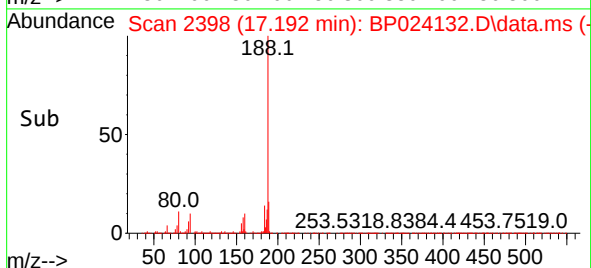
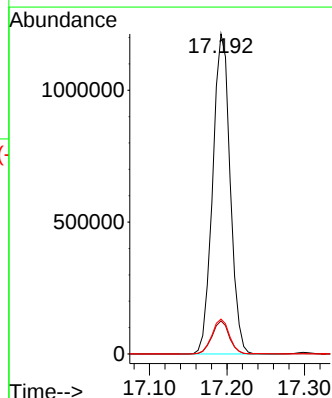
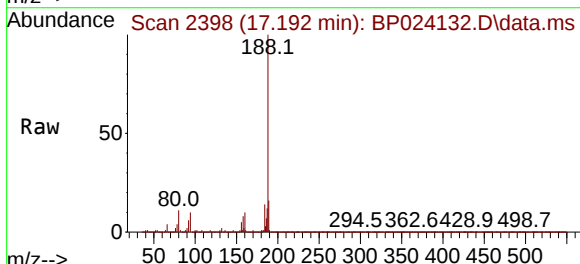
Ion	Ratio	Lower	Upper
77	100		
182	25.2	8.5	48.5
105	22.2	1.8	41.8
51	23.5	5.1	45.1

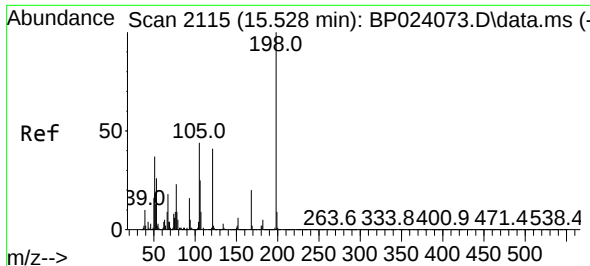


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion: 188 Resp: 1898526

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.6	11.4
80	10.9	8.2	12.2

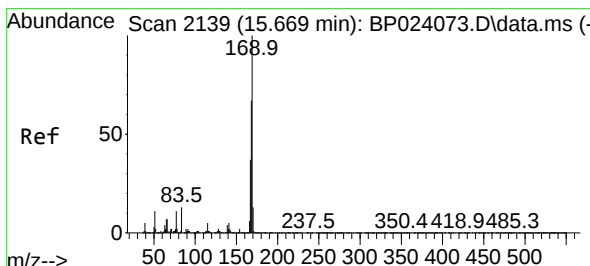
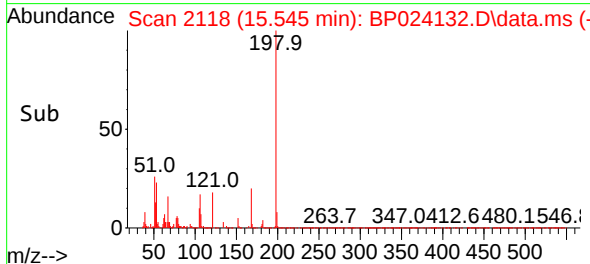
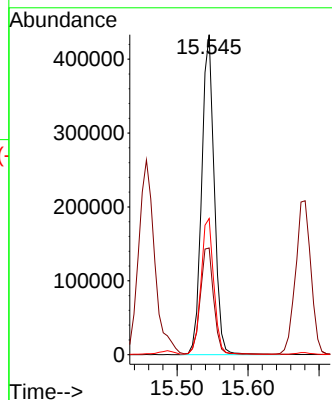
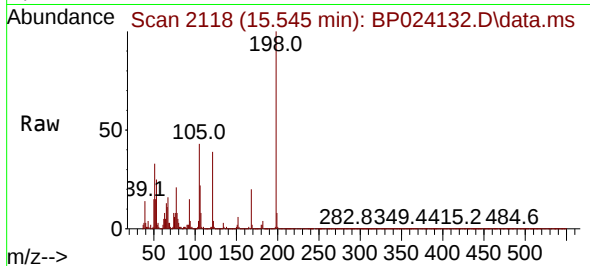




#65
4,6-Dinitro-2-methylphenol
Concen: 44.261 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.017 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

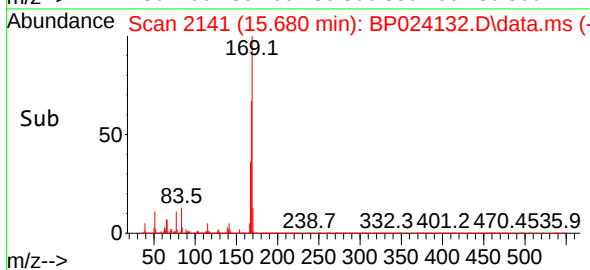
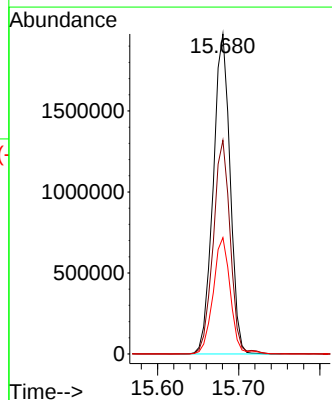
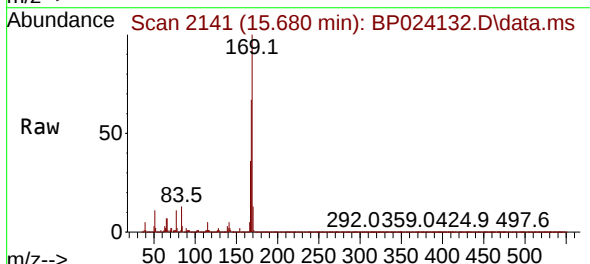
Instrument :
BNA_P
ClientSampleId :
PB166914BS

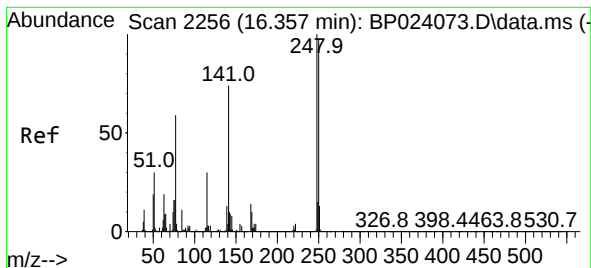
Tgt Ion:198 Resp: 533254
Ion Ratio Lower Upper
198 100
51 33.4 18.7 58.7
105 42.5 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 48.283 ng
RT: 15.680 min Scan# 2141
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:169 Resp: 2858601
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.3 29.5 44.3

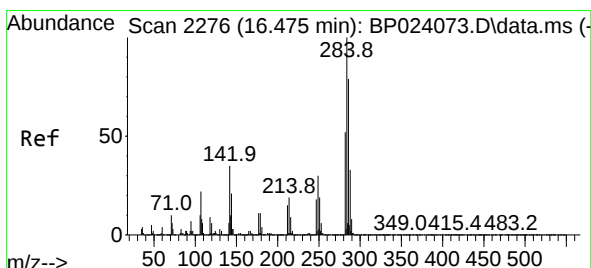
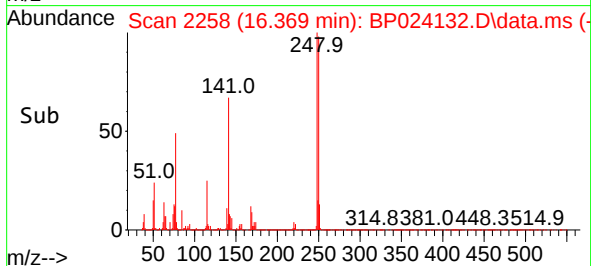
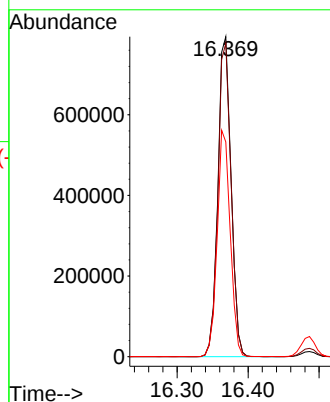
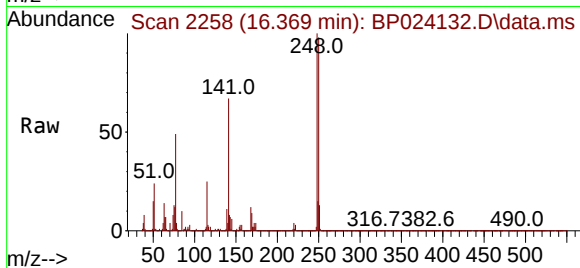




#67
4-Bromophenyl-phenylether
Concen: 47.769 ng
RT: 16.369 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

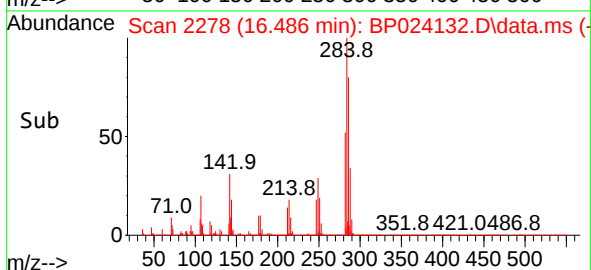
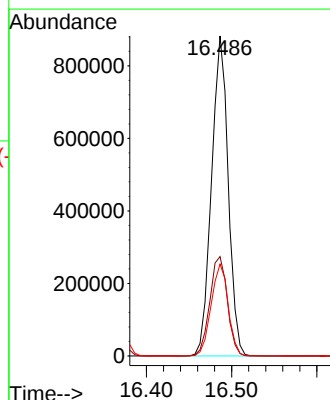
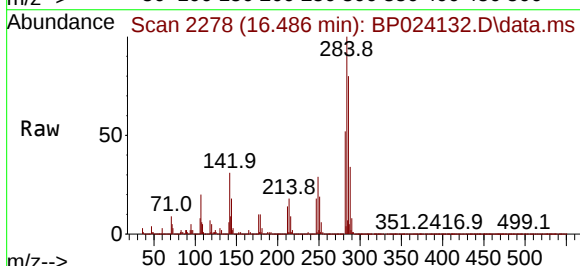
Instrument :
BNA_P
ClientSampleId :
PB166914BS

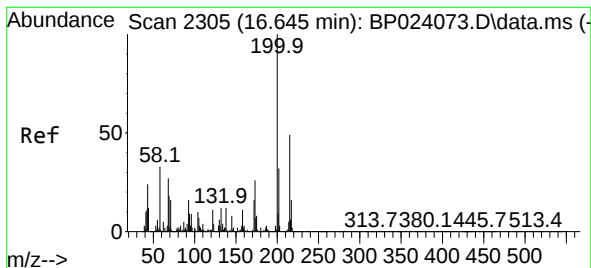
Tgt Ion:248 Resp: 1018417
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 67.1 58.8 88.2



#68
Hexachlorobenzene
Concen: 47.898 ng
RT: 16.486 min Scan# 2278
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:284 Resp: 1201572
Ion Ratio Lower Upper
284 100
142 31.1 27.7 41.5
249 28.7 23.8 35.6





#69

Atrazine

Concen: 70.244 ng

RT: 16.651 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

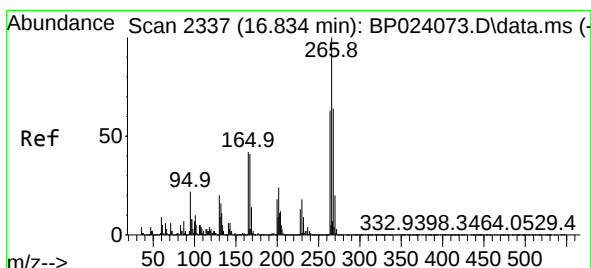
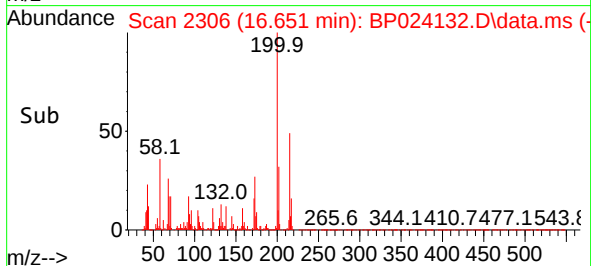
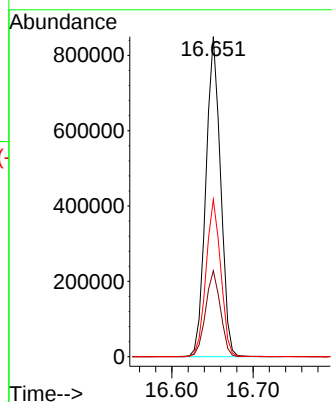
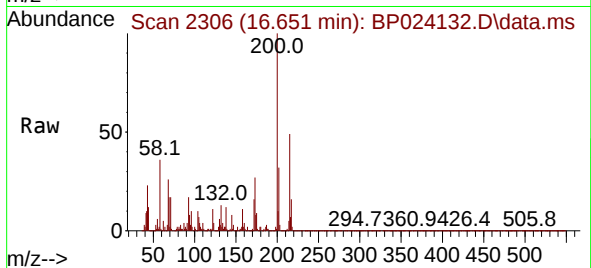
Tgt Ion:200 Resp: 1067266

Ion Ratio Lower Upper

200 100

173 26.8 5.7 45.7

215 49.1 28.7 68.7



#70

Pentachlorophenol

Concen: 100.777 ng

RT: 16.839 min Scan# 2338

Delta R.T. 0.005 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

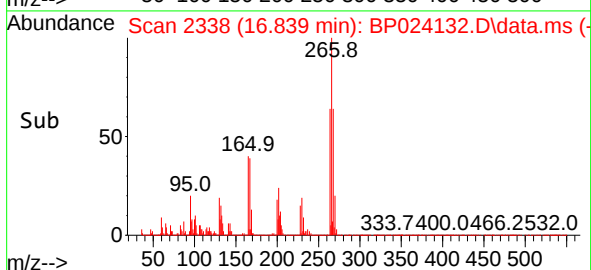
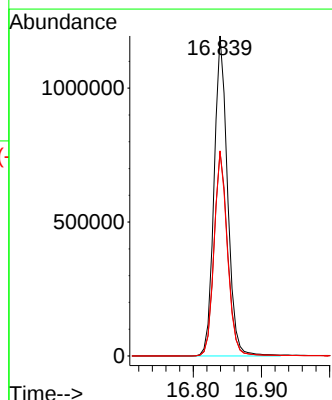
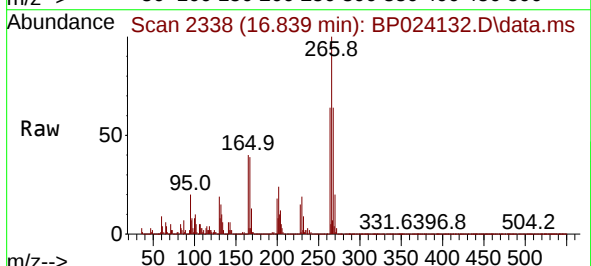
Tgt Ion:266 Resp: 1641972

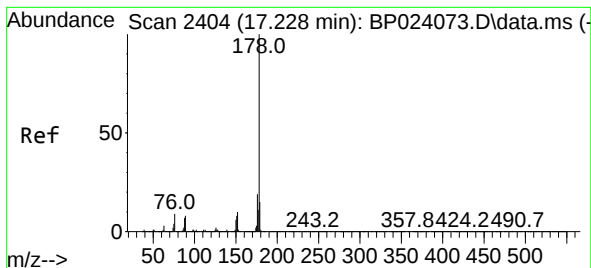
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 64.1 50.5 75.7





#71

Phenanthrene

Concen: 44.705 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

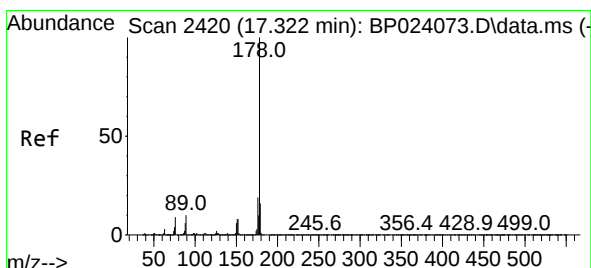
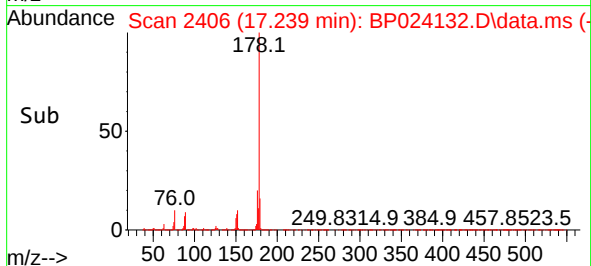
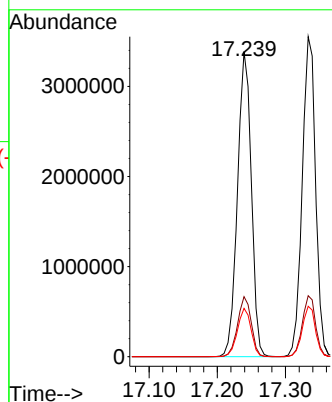
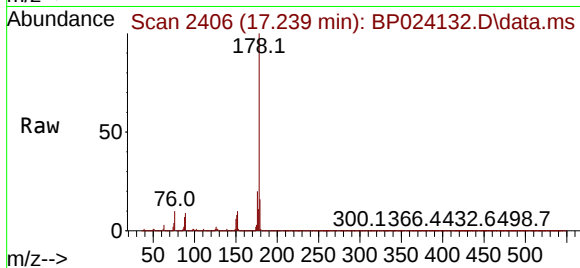
Tgt Ion:178 Resp: 4785047

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.8 12.4 18.6



#72

Anthracene

Concen: 47.262 ng

RT: 17.333 min Scan# 2422

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

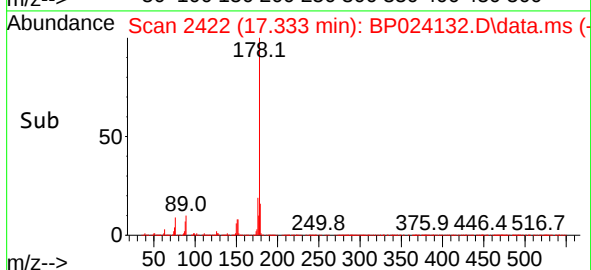
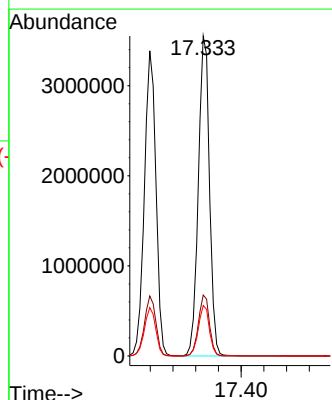
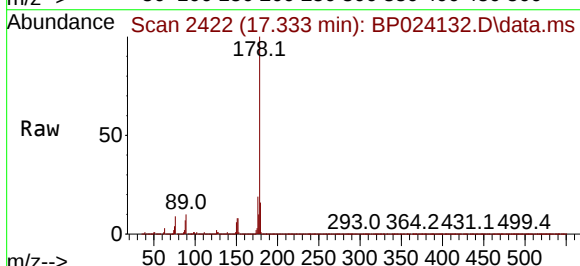
Tgt Ion:178 Resp: 4847765

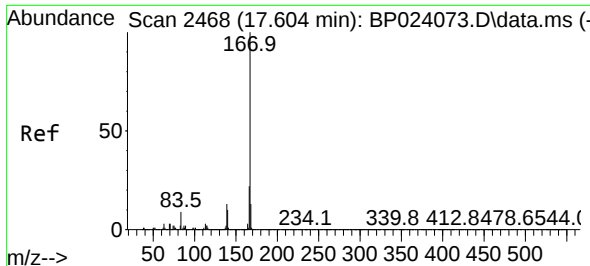
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.7 12.6 19.0

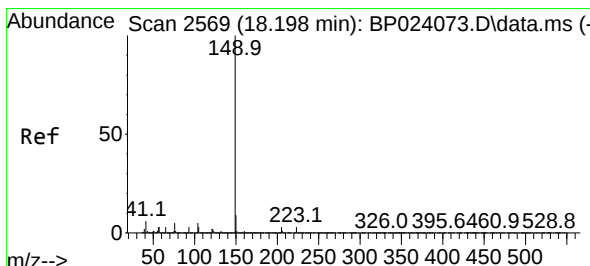
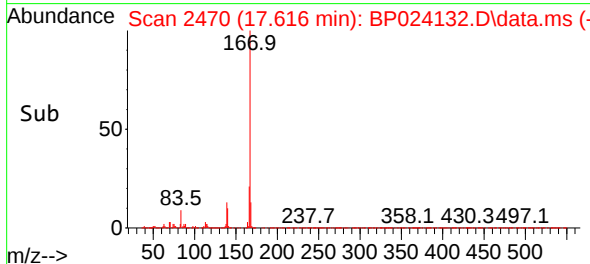
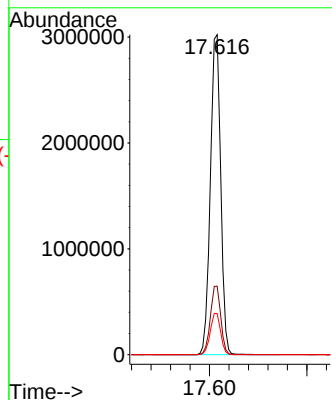
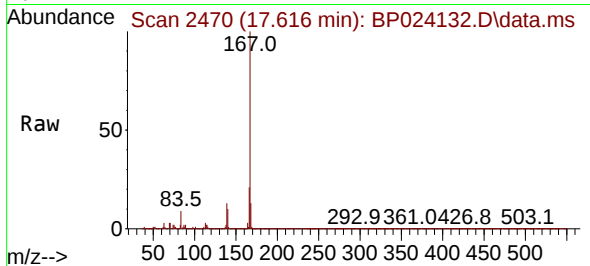




#73
 Carbazole
 Concen: 45.332 ng
 RT: 17.616 min Scan# 2468
 Delta R.T. 0.012 min
 Lab File: BP024132.D
 Acq: 28 Feb 2025 12:50

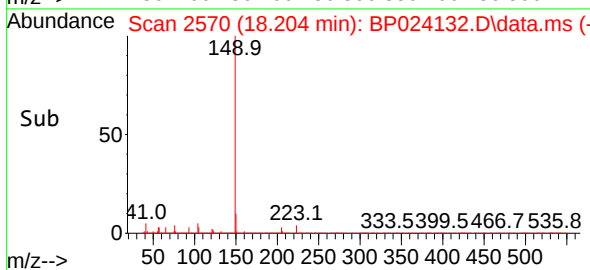
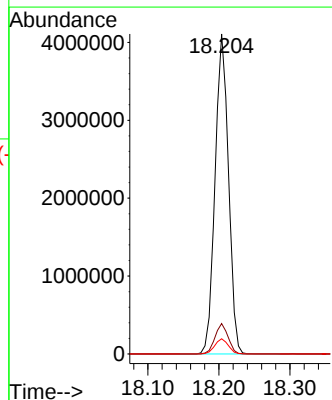
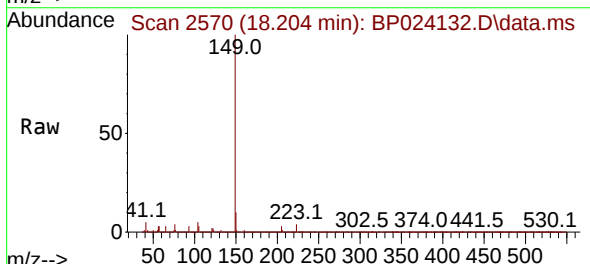
Instrument :
 BNA_P
 ClientSampleId :
 PB166914BS

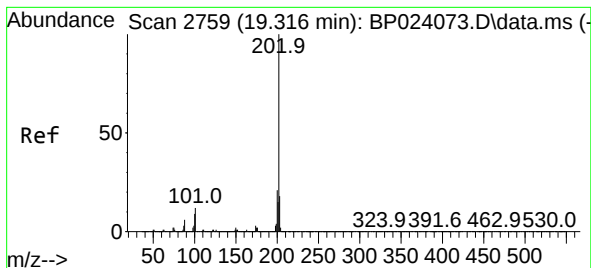
Tgt Ion:167 Resp: 4430230
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 47.094 ng
 RT: 18.204 min Scan# 2570
 Delta R.T. 0.006 min
 Lab File: BP024132.D
 Acq: 28 Feb 2025 12:50

Tgt Ion:149 Resp: 5370263
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.7 4.2 6.2





#75

Fluoranthene

Concen: 42.666 ng

RT: 19.327 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

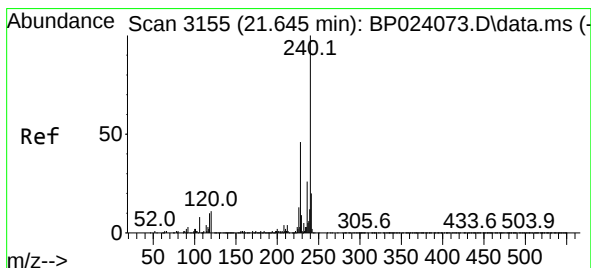
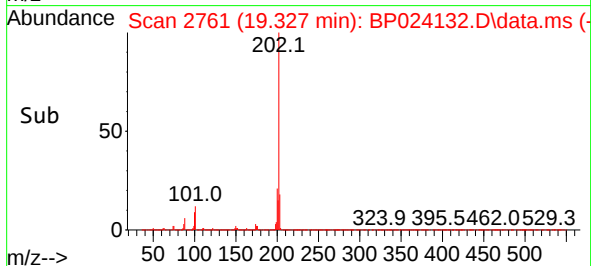
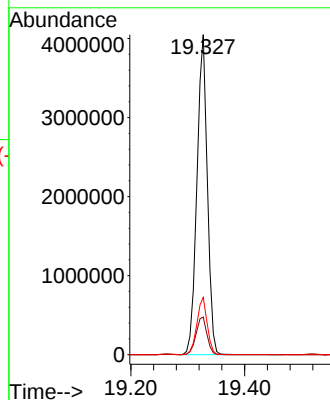
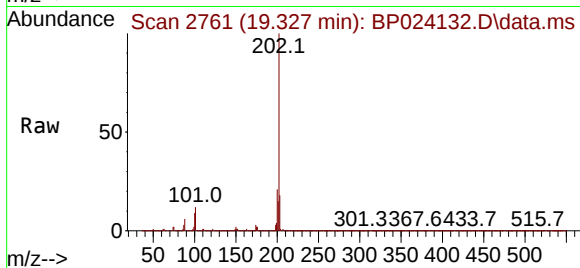
Tgt Ion:202 Resp: 5165457

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.9

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.657 min Scan# 3157

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

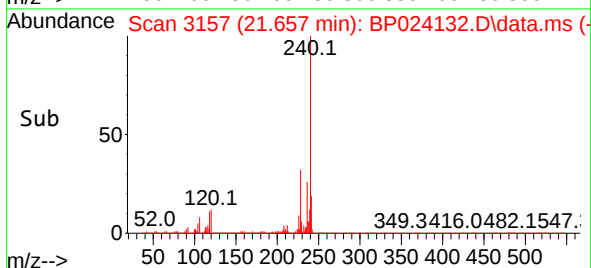
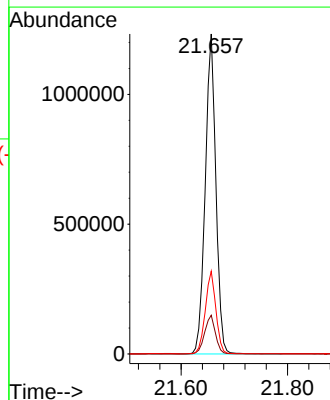
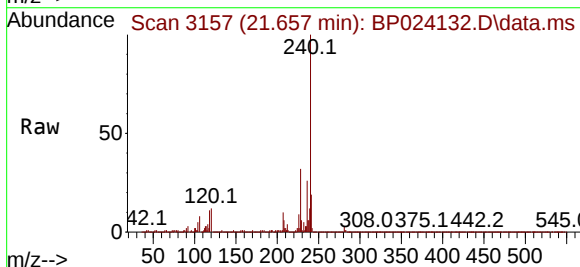
Tgt Ion:240 Resp: 1709438

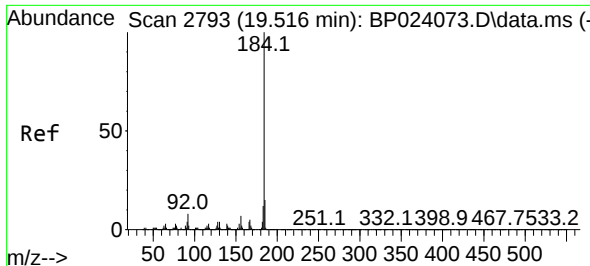
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.9 20.7 31.1

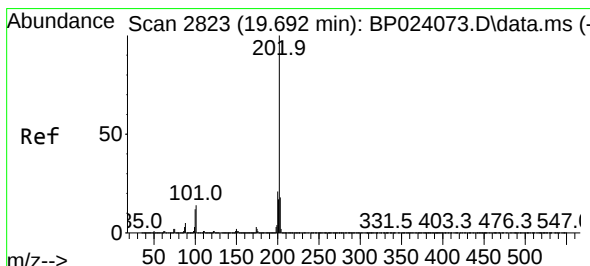
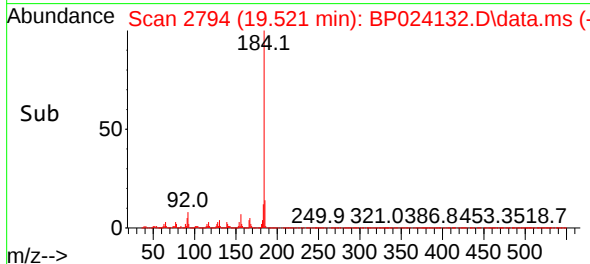
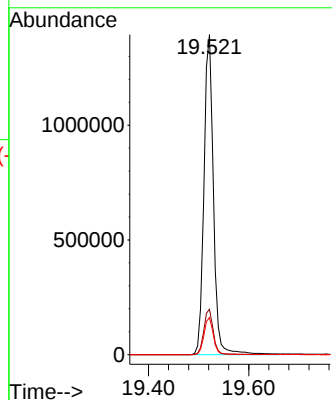
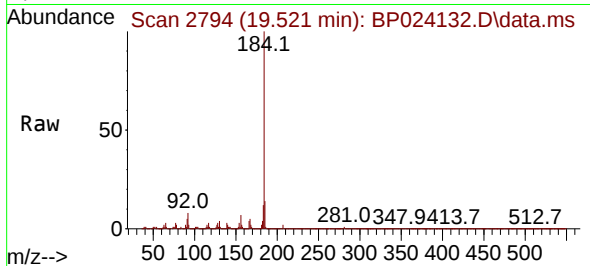




#77
Benzidine
Concen: 88.082 ng
RT: 19.521 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

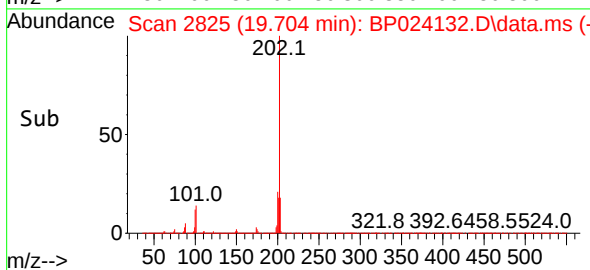
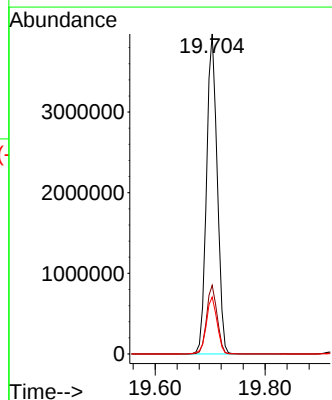
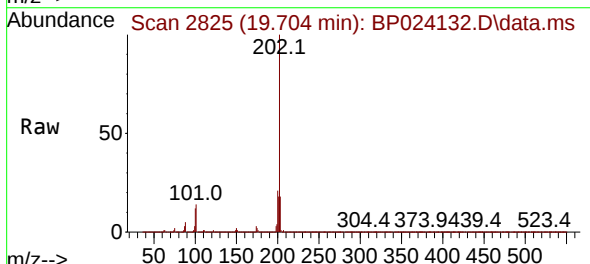
Instrument :
BNA_P
ClientSampleId :
PB166914BS

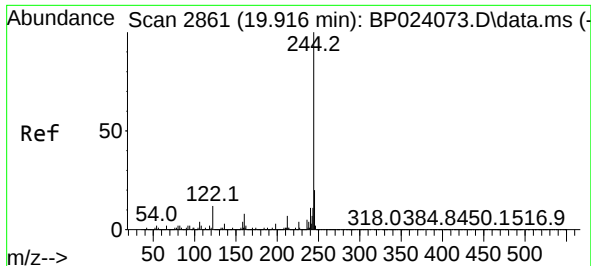
Tgt Ion:184 Resp: 1834780
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 11.6 9.3 13.9



#78
Pyrene
Concen: 49.164 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.012 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:202 Resp: 5338314
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.8 14.4 21.6

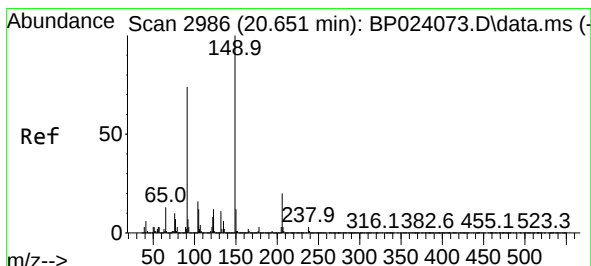
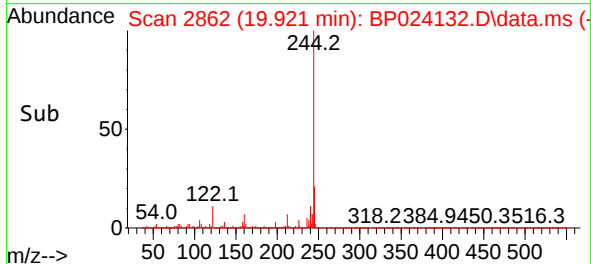
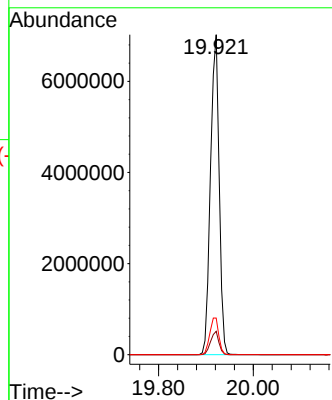
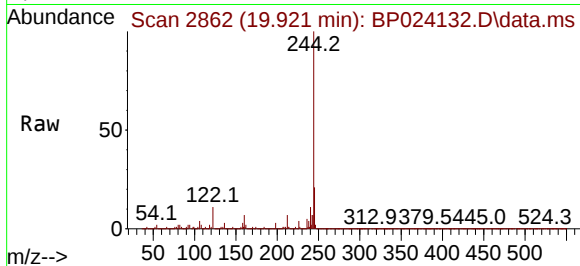




#79
 Terphenyl-d14
 Concen: 103.281 ng
 RT: 19.921 min Scan# 2862
 Delta R.T. 0.006 min
 Lab File: BP024132.D
 Acq: 28 Feb 2025 12:50

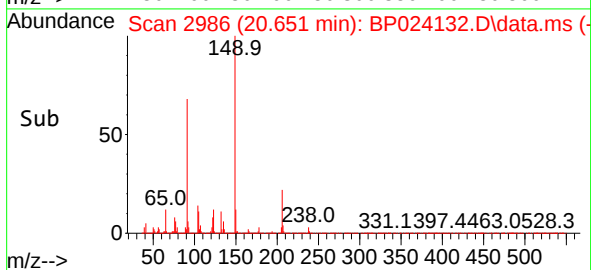
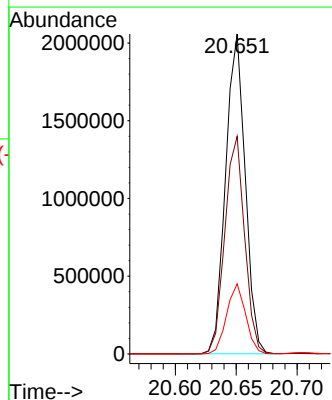
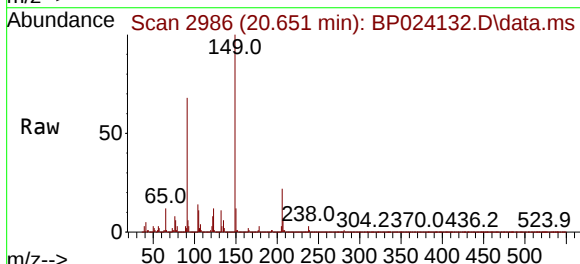
Instrument :
 BNA_P
 ClientSampleId :
 PB166914BS

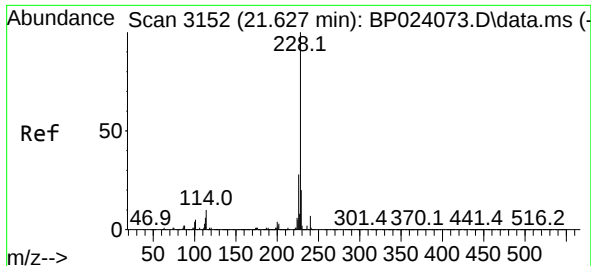
Tgt Ion:244 Resp: 8922467
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.5 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 55.462 ng
 RT: 20.651 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BP024132.D
 Acq: 28 Feb 2025 12:50

Tgt Ion:149 Resp: 2307643
 Ion Ratio Lower Upper
 149 100
 91 68.0 59.4 89.0
 206 21.9 16.2 24.2

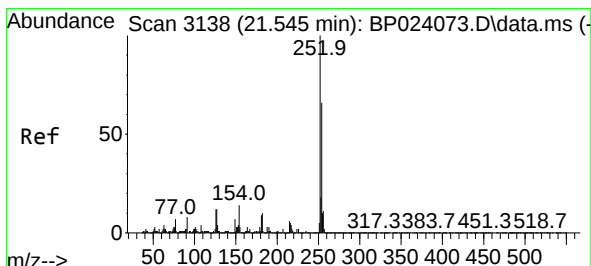
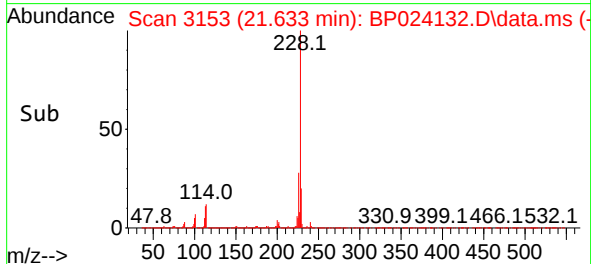
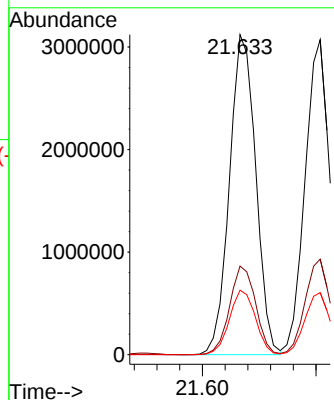
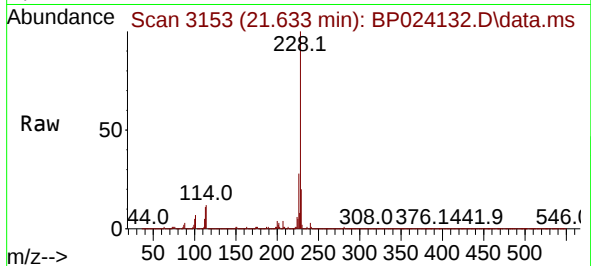




#81
Benzo(a)anthracene
Concen: 46.838 ng
RT: 21.633 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

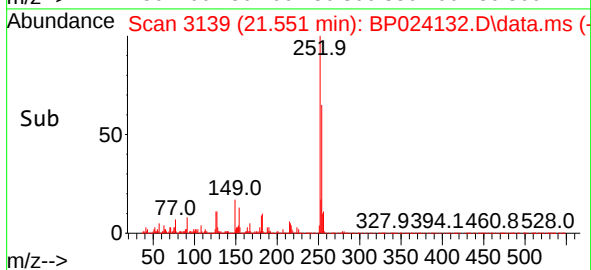
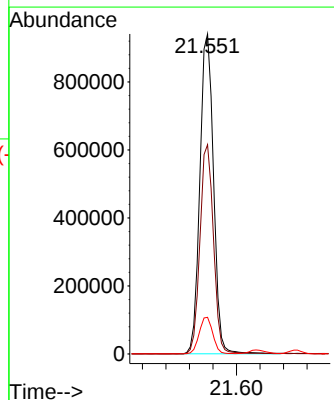
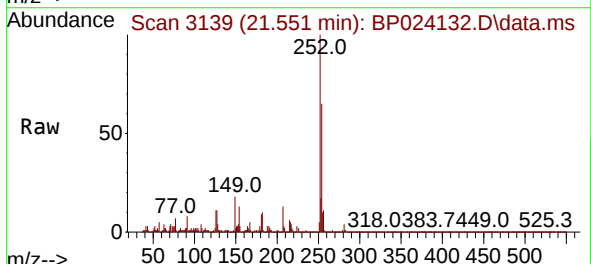
Instrument :
BNA_P
ClientSampleId :
PB166914BS

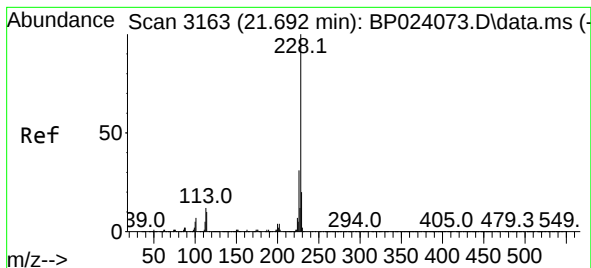
Tgt Ion:228 Resp: 5020589
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 45.209 ng
RT: 21.551 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:252 Resp: 1514293
Ion Ratio Lower Upper
252 100
254 65.4 52.4 78.6
126 11.5 9.6 14.4





#83

Chrysene

Concen: 45.289 ng

RT: 21.704 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

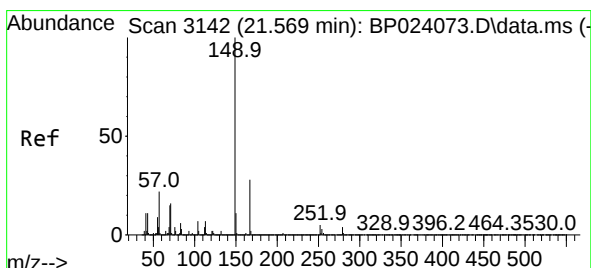
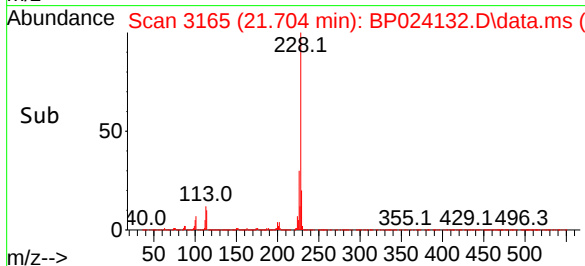
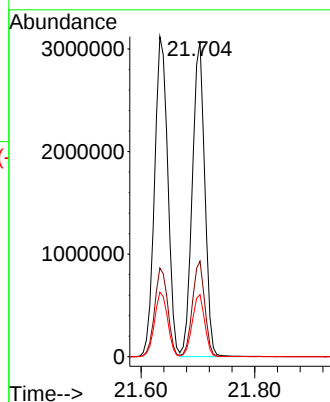
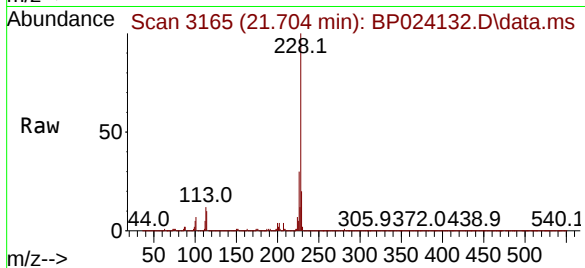
Tgt Ion:228 Resp: 4681101

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.544 ng

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

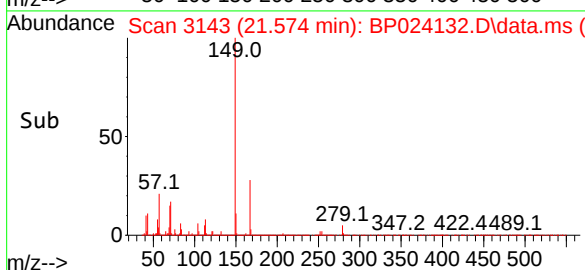
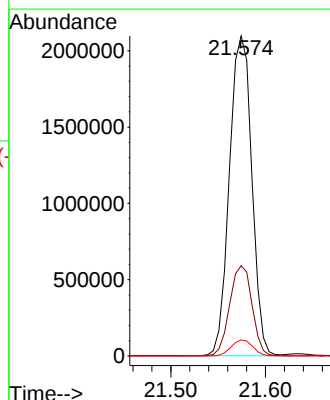
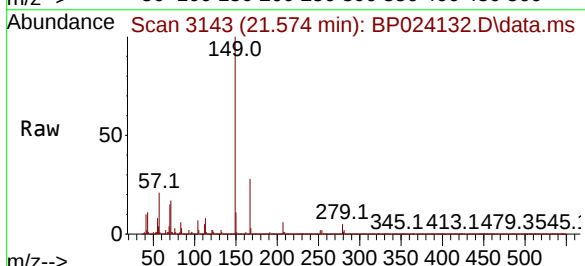
Tgt Ion:149 Resp: 3441524

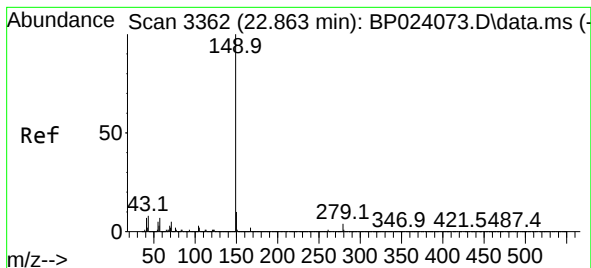
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 56.593 ng

RT: 22.874 min Scan# 31

Delta R.T. 0.011 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

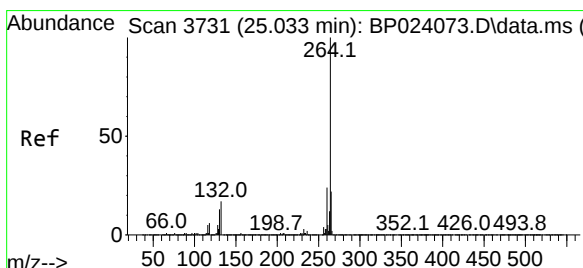
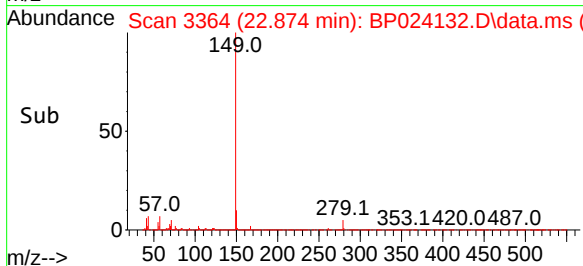
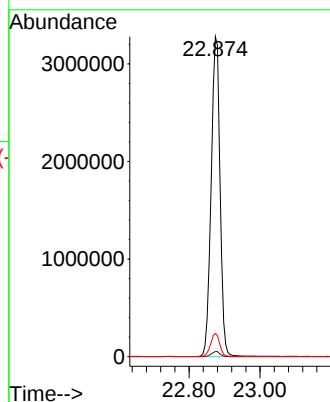
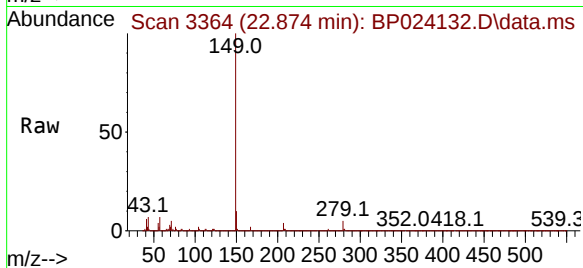
Tgt Ion:149 Resp: 5707643

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.045 min Scan# 3733

Delta R.T. 0.012 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

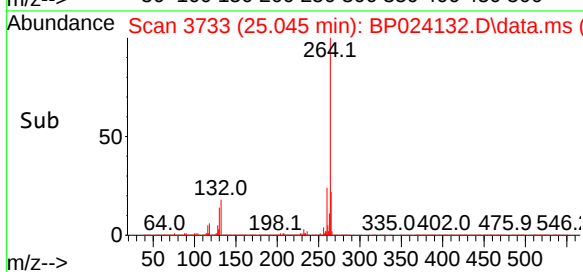
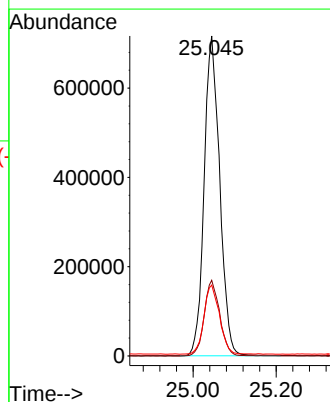
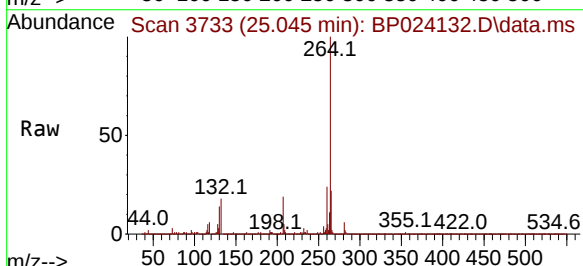
Tgt Ion:264 Resp: 1862369

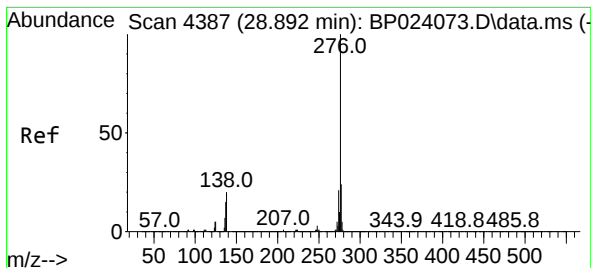
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.663 ng

RT: 28.915 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

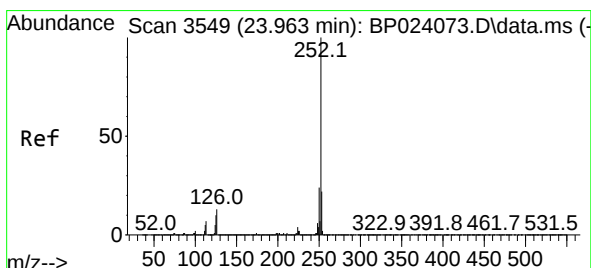
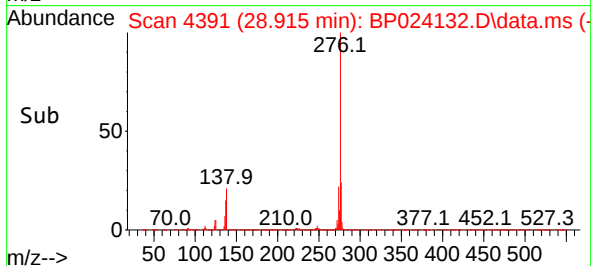
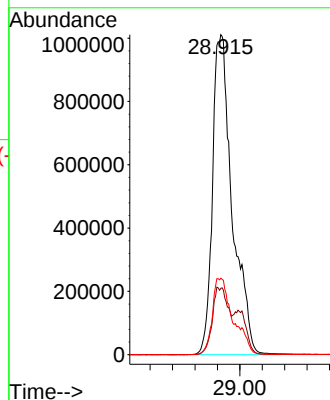
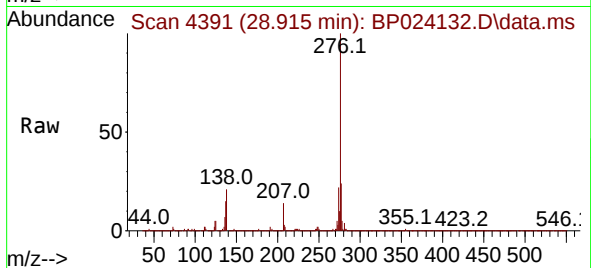
Tgt Ion:276 Resp: 6182392

Ion Ratio Lower Upper

276 100

138 8.1 14.2 21.4#

277 9.2 16.2 24.4#



#88

Benzo(b)fluoranthene

Concen: 42.933 ng

RT: 23.980 min Scan# 3552

Delta R.T. 0.017 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

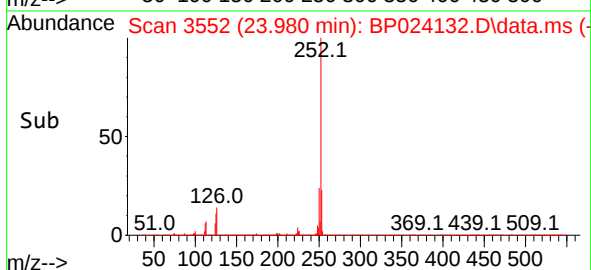
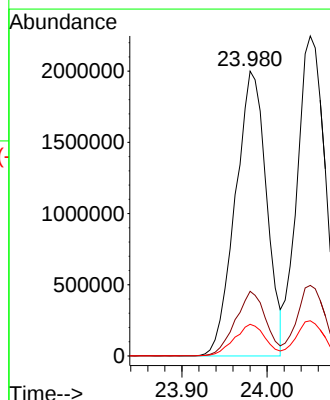
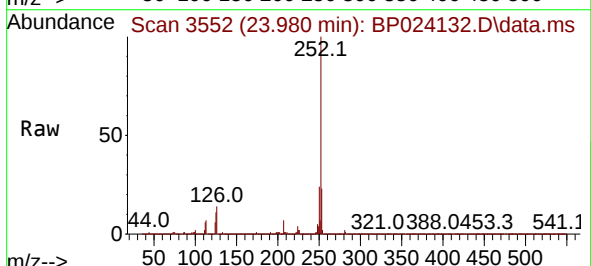
Tgt Ion:252 Resp: 5077540

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 11.1 8.4 12.6

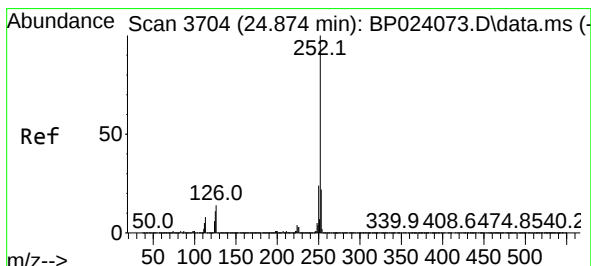
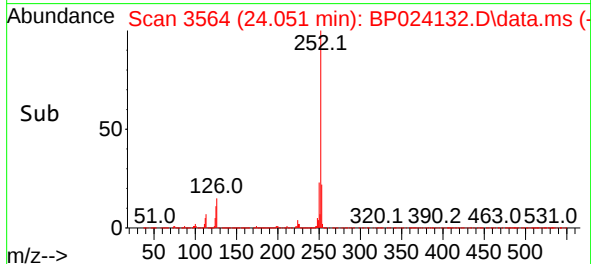
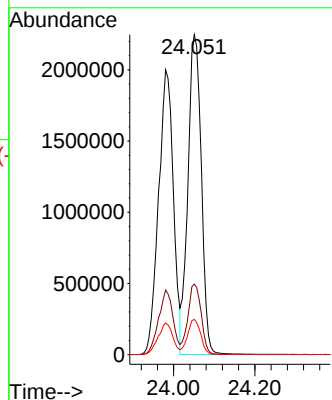
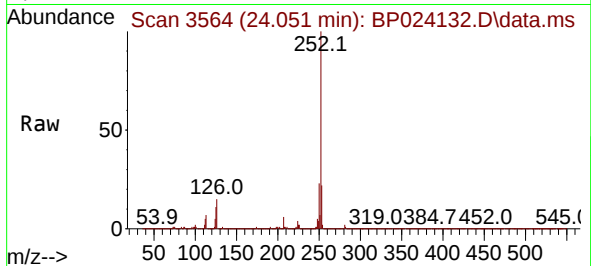




#89
Benzo(k)fluoranthene
Concen: 44.652 ng
RT: 24.051 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

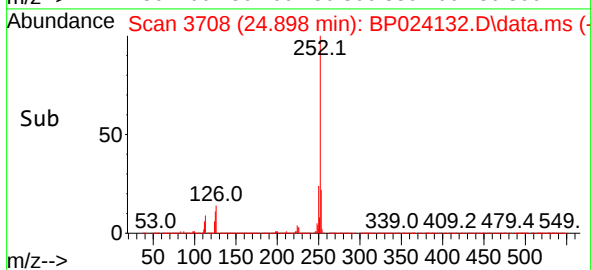
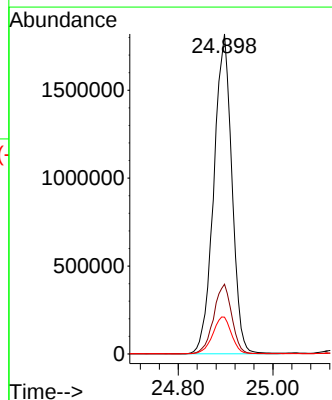
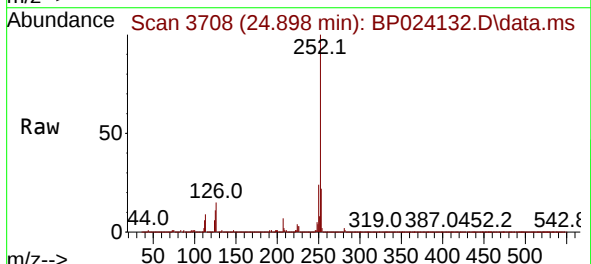
Instrument :
BNA_P
ClientSampleId :
PB166914BS

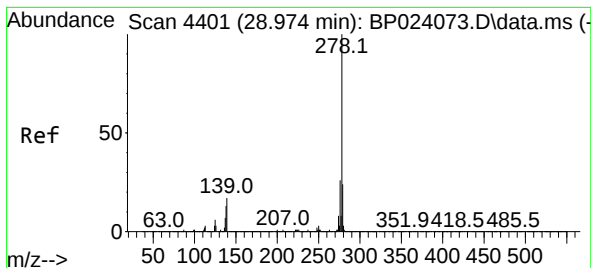
Tgt Ion:252 Resp: 5140083
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.0 8.1 12.1



#90
Benzo(a)pyrene
Concen: 48.068 ng
RT: 24.898 min Scan# 3708
Delta R.T. 0.023 min
Lab File: BP024132.D
Acq: 28 Feb 2025 12:50

Tgt Ion:252 Resp: 4824433
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.677 ng

RT: 29.009 min Scan# 4401

Delta R.T. 0.035 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Instrument :

BNA_P

ClientSampleId :

PB166914BS

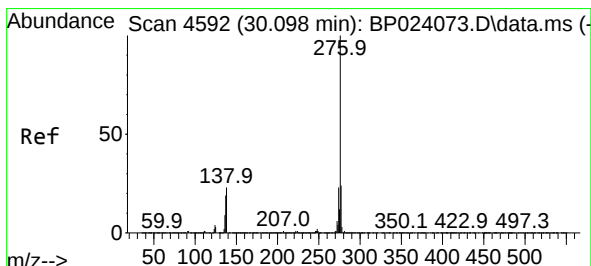
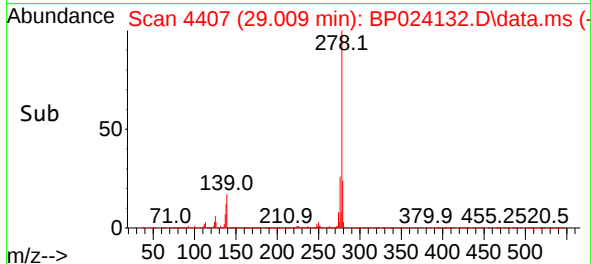
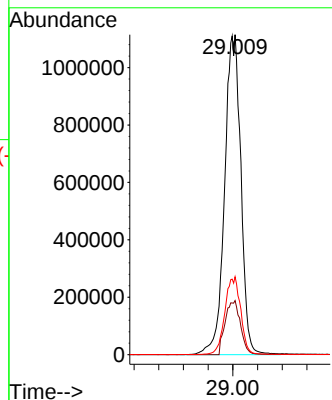
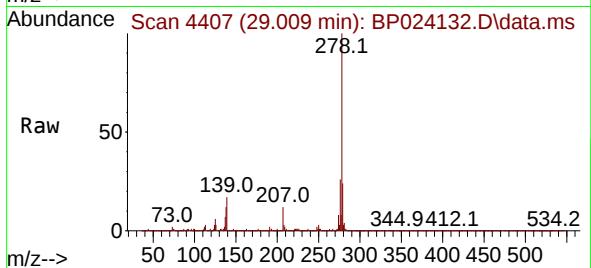
Tgt Ion:278 Resp: 5088427

Ion Ratio Lower Upper

278 100

139 16.9 13.4 20.0

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.452 ng

RT: 30.103 min Scan# 4593

Delta R.T. 0.006 min

Lab File: BP024132.D

Acq: 28 Feb 2025 12:50

Tgt Ion:276 Resp: 4798925

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 22.2 18.1 27.1

