

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024134.D
 Acq On : 28 Feb 2025 14:12
 Operator : RC/JU
 Sample : PB166890BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166890BS

Quant Time: Feb 28 14:43:29 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	397887	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1696628	20.000	ng	0.01
39) Acenaphthene-d10	14.398	164	1028380	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1752193	20.000	ng	0.01
76) Chrysene-d12	21.662	240	1541028	20.000	ng	0.02
86) Perylene-d12	25.062	264	1658400	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	4116356	161.428	ng	0.00
7) Phenol-d6	6.951	99	5291125	161.443	ng	0.00
23) Nitrobenzene-d5	8.916	82	2981090	98.025	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1948137	154.657	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	6933704	94.258	ng	0.00
79) Terphenyl-d14	19.933	244	8439474	108.366	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	373450	37.334	ng	97
3) Pyridine	3.710	79	952457	36.623	ng	100
4) n-Nitrosodimethylamine	3.616	42	392070	42.500	ng	92
6) Aniline	7.098	93	1331638	44.367	ng	100
8) 2-Chlorophenol	7.334	128	1387976	51.426	ng	97
9) Benzaldehyde	6.910	77	483498	32.313	ng	98
10) Phenol	6.975	94	1750042	53.101	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	1250936	48.192	ng	98
12) 1,3-Dichlorobenzene	7.651	146	1321462	44.568	ng	99
13) 1,4-Dichlorobenzene	7.798	146	1358000	45.288	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1307540	45.436	ng	99
15) Benzyl Alcohol	8.004	79	1128833	56.269	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1350611	53.600	ng	97
17) 2-Methylphenol	8.210	107	1146480	57.086	ng	99
18) Hexachloroethane	8.834	117	489896	45.365	ng	97
19) n-Nitroso-di-n-propyla...	8.563	70	950757	53.954	ng	99
20) 3+4-Methylphenols	8.534	107	1563032	57.209	ng	99
22) Acetophenone	8.581	105	2135352	48.977	ng	# 99
24) Nitrobenzene	8.957	77	1378257	46.050	ng	99
25) Isophorone	9.481	82	2592188	52.123	ng	100
26) 2-Nitrophenol	9.663	139	713581	51.750	ng	99
27) 2,4-Dimethylphenol	9.728	122	1190787	65.788	ng	100
28) bis(2-Chloroethoxy)met...	9.957	93	1697513	47.118	ng	99
29) 2,4-Dichlorophenol	10.198	162	1265261	51.222	ng	100
30) 1,2,4-Trichlorobenzene	10.410	180	1227140	43.360	ng	98
31) Naphthalene	10.592	128	3990082	43.738	ng	99
32) Benzoic acid	9.886	122	1005138	52.157	ng	98
33) 4-Chloroaniline	10.698	127	509743	15.861	ng	99
34) Hexachlorobutadiene	10.881	225	724108	44.173	ng	99
35) Caprolactam	11.498	113	430901	51.351	ng	97
36) 4-Chloro-3-methylphenol	11.839	107	1305749	51.421	ng	99
37) 2-Methylnaphthalene	12.204	142	2702523	44.571	ng	99
38) 1-Methylnaphthalene	12.422	142	2646686	44.869	ng	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	1530235	48.429	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1603253	136.357	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	958151	49.723	ng	99

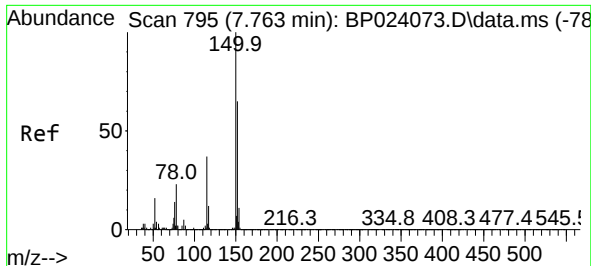
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	1025160	48.645	ng	99
46) 1,1'-Biphenyl	13.222	154	3899752	48.801	ng	99
47) 2-Chloronaphthalene	13.263	162	2664606	44.109	ng	99
48) 2-Nitroaniline	13.469	65	729245	51.104	ng	95
49) Acenaphthylene	14.116	152	4269391	47.969	ng	100
50) Dimethylphthalate	13.851	163	3226577	44.480	ng	99
51) 2,6-Dinitrotoluene	13.969	165	701474	47.472	ng	95
52) Acenaphthene	14.463	154	2526518	44.082	ng	100
53) 3-Nitroaniline	14.298	138	405860	25.739	ng	100
54) 2,4-Dinitrophenol	14.516	184	846944	86.262	ng	92
55) Dibenzofuran	14.804	168	3909060	41.985	ng	100
56) 4-Nitrophenol	14.633	139	1348699	99.019	ng	95
57) 2,4-Dinitrotoluene	14.769	165	959216	49.971	ng	98
58) Fluorene	15.463	166	3151446	43.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	844894	46.209	ng	98
60) Diethylphthalate	15.233	149	3142713	43.643	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1553905	43.416	ng	97
62) 4-Nitroaniline	15.486	138	718871	39.159	ng	96
63) Azobenzene	15.757	77	2944040	43.629	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	493208	44.343	ng	96
66) n-Nitrosodiphenylamine	15.680	169	2699968	49.412	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	958976	48.738	ng	98
68) Hexachlorobenzene	16.492	284	1131645	48.878	ng	98
69) Atrazine	16.663	200	1002222	71.472	ng	98
70) Pentachlorophenol	16.845	266	1531980	101.878	ng	99
71) Phenanthrene	17.245	178	4465261	45.201	ng	99
72) Anthracene	17.339	178	4622266	48.827	ng	100
73) Carbazole	17.621	167	4169912	46.231	ng	100
74) Di-n-butylphthalate	18.210	149	5112979	48.582	ng	99
75) Fluoranthene	19.333	202	4814822	43.091	ng	100
77) Benzidine	19.533	184	1778709	94.722	ng	99
78) Pyrene	19.709	202	4879471	49.849	ng	100
80) Butylbenzylphthalate	20.662	149	2095486	55.866	ng	94
81) Benzo(a)anthracene	21.645	228	4581522	47.413	ng	99
82) 3,3'-Dichlorobenzidine	21.556	252	1303834	43.180	ng	99
83) Chrysene	21.709	228	4261827	45.738	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	3121377	54.877	ng	99
85) Di-n-octyl phthalate	22.880	149	5177725	56.949	ng	98
87) Indeno(1,2,3-cd)pyrene	28.938	276	5785205m	49.035	ng	
88) Benzo(b)fluoranthene	23.986	252	4577077	43.462	ng	99
89) Benzo(k)fluoranthene	24.062	252	4629641	45.164	ng	99
90) Benzo(a)pyrene	24.915	252	4393124	49.154	ng	99
91) Dibenzo(a,h)anthracene	29.015	278	4776131	48.146	ng	99
92) Benzo(g,h,i)perylene	30.109	276	4526778	44.969	ng	99

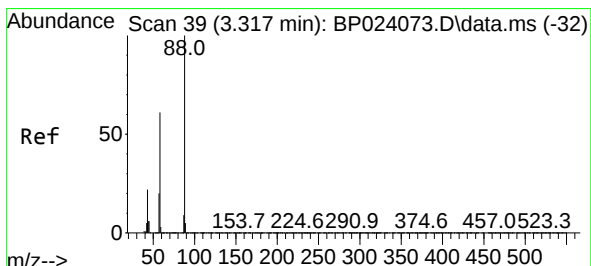
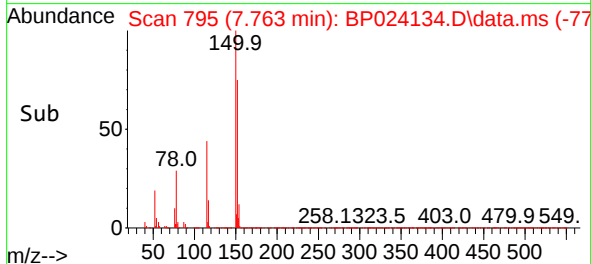
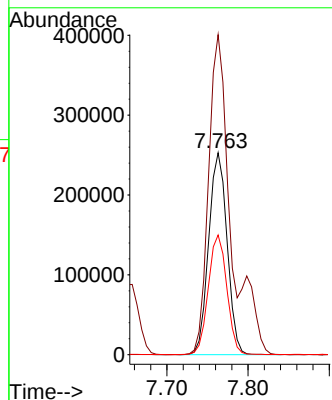
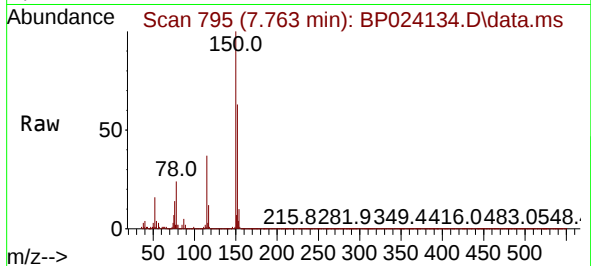
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

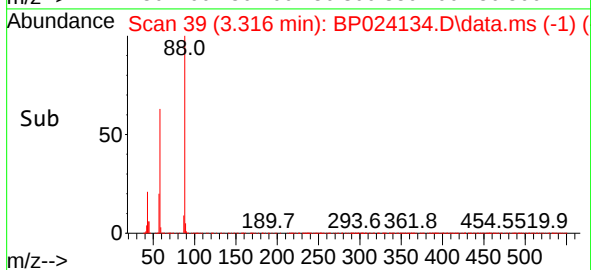
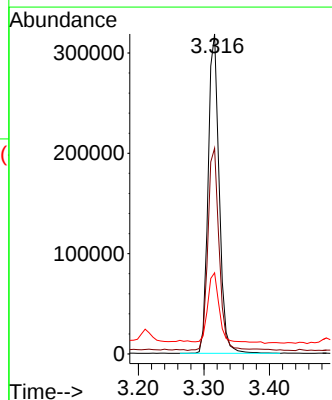
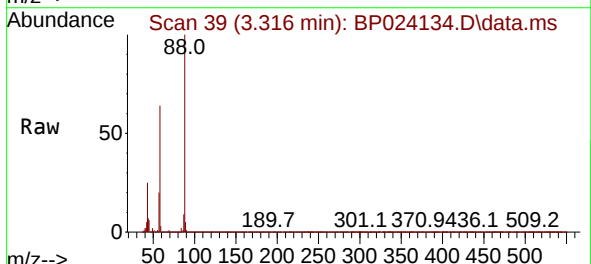
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ClientSampleId :
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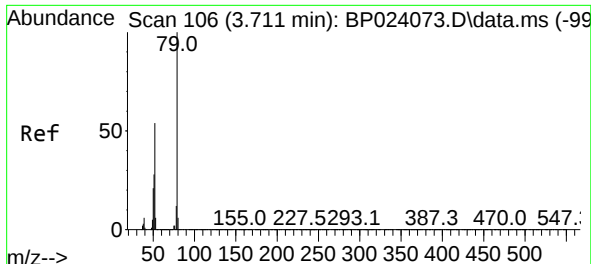
Tgt Ion:152 Resp: 397887
Ion Ratio Lower Upper
152 100
150 158.4 122.4 183.6
115 59.3 45.0 67.6



#2
1,4-Dioxane
Concen: 37.334 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 88 Resp: 373450
Ion Ratio Lower Upper
88 100
58 64.5 49.1 73.7
43 22.8 18.0 27.0

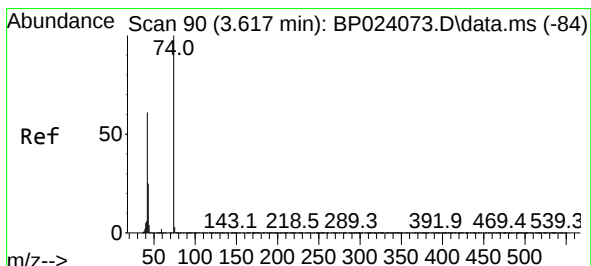
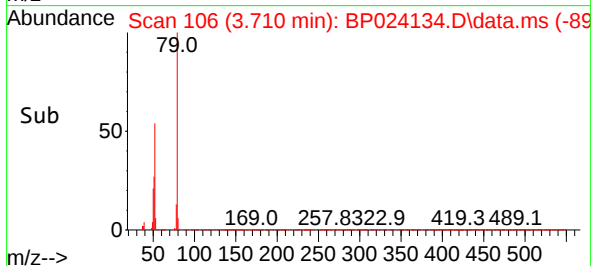
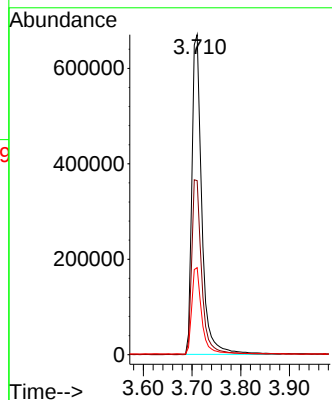
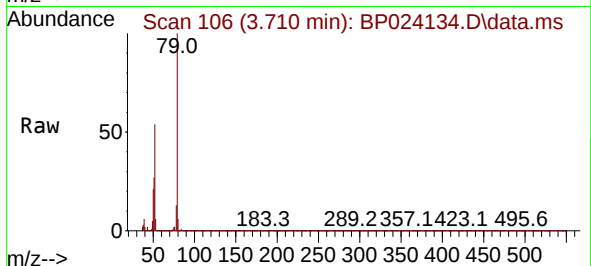




#3
Pyridine
Concen: 36.623 ng
RT: 3.710 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

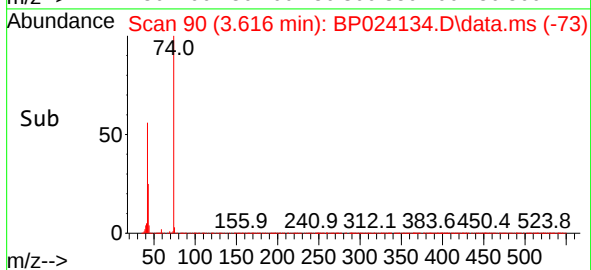
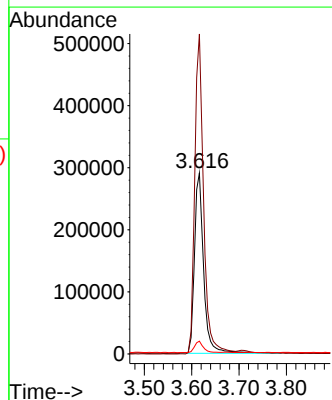
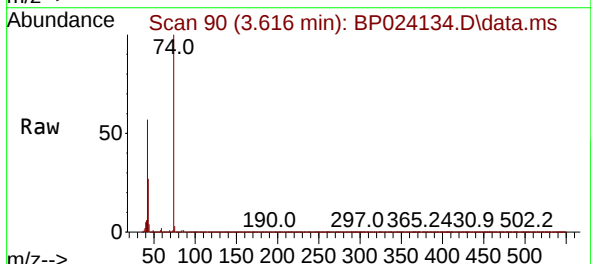
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ClientSampleId :
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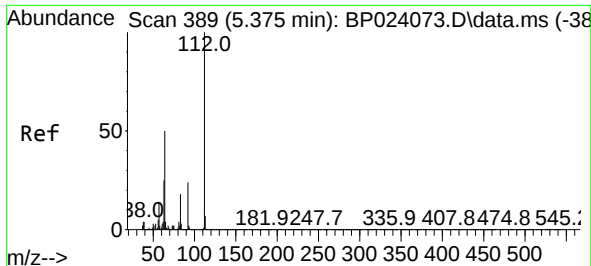
Tgt Ion: 79 Resp: 952457
Ion Ratio Lower Upper
79 100
52 54.4 43.5 65.3
51 27.2 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 42.500 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 42 Resp: 392070
Ion Ratio Lower Upper
42 100
74 176.8 132.0 198.0
44 7.1 5.3 7.9

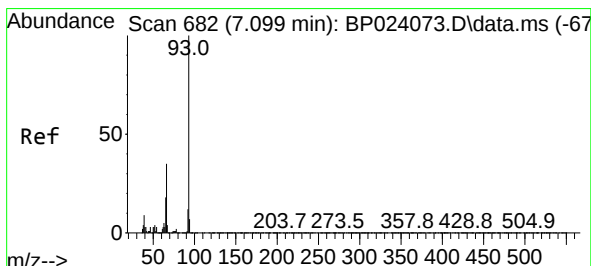
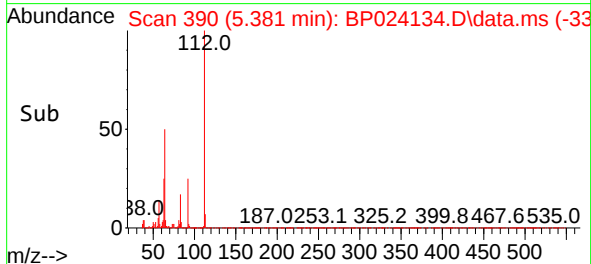
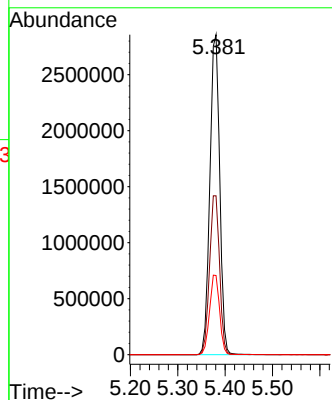
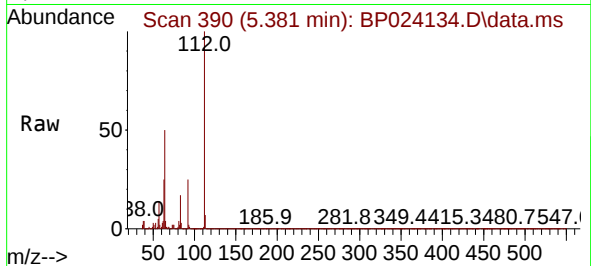




#5
2-Fluorophenol
Concen: 161.428 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

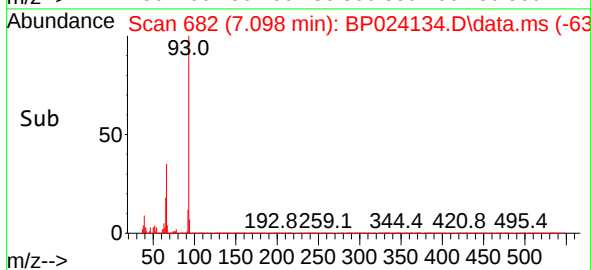
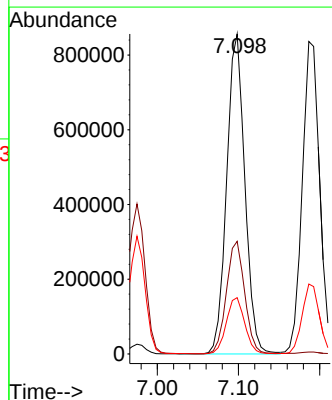
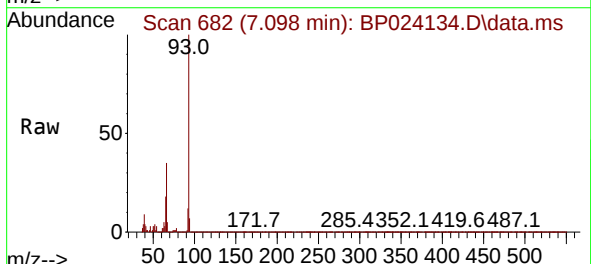
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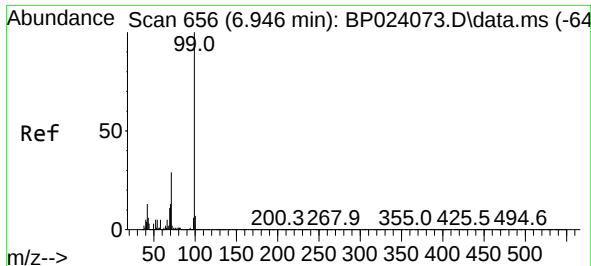
Tgt Ion:112 Resp: 4116356
Ion Ratio Lower Upper
112 100
64 49.7 39.6 59.4
63 24.8 20.3 30.5



#6
Aniline
Concen: 44.367 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 93 Resp: 1331638
Ion Ratio Lower Upper
93 100
66 35.2 28.2 42.4
65 17.6 14.1 21.1

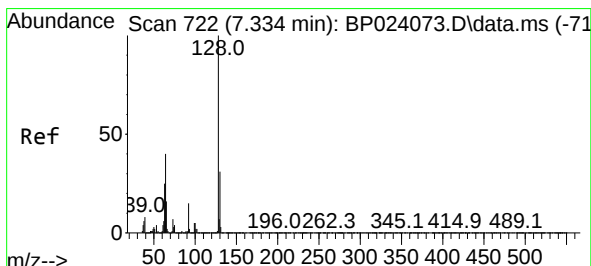
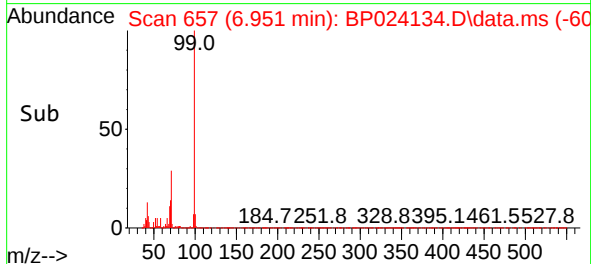
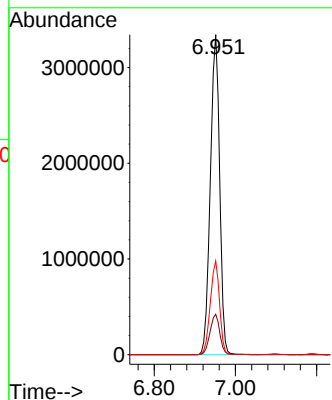
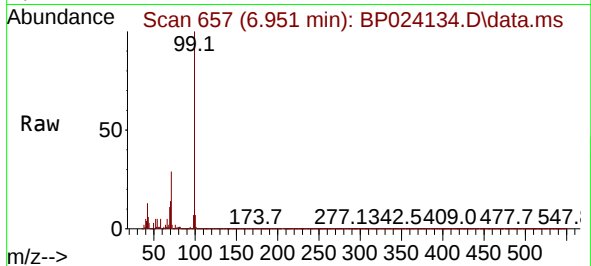




#7
Phenol-d6
Concen: 161.443 ng
RT: 6.951 min Scan# 657
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

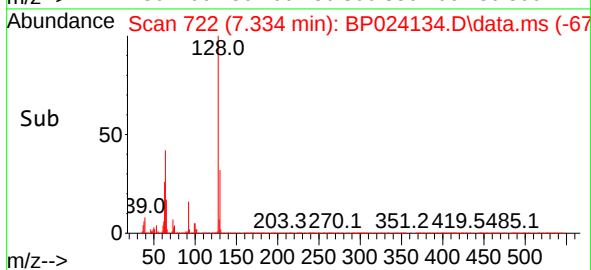
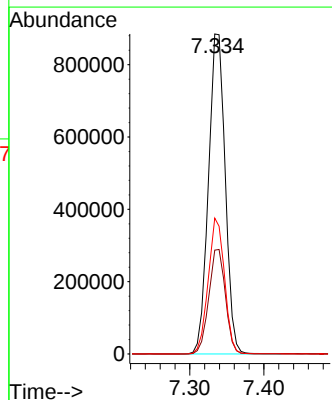
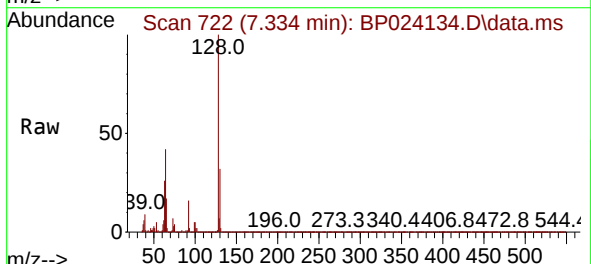
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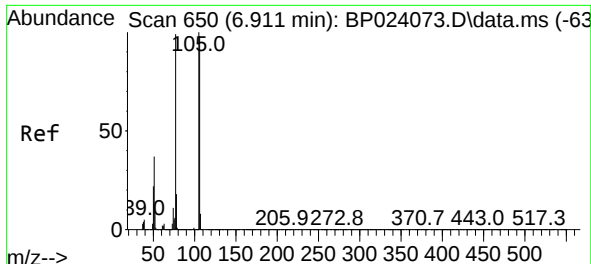
Tgt Ion: 99 Resp: 5291125
Ion Ratio Lower Upper
99 100
42 12.7 10.3 15.5
71 29.3 22.9 34.3



#8
2-Chlorophenol
Concen: 51.426 ng
RT: 7.334 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:128 Resp: 1387976
Ion Ratio Lower Upper
128 100
130 32.5 11.5 51.5
64 42.5 19.8 59.8

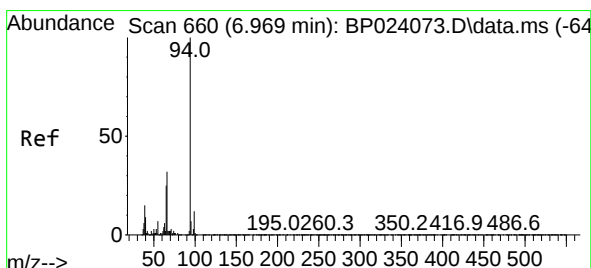
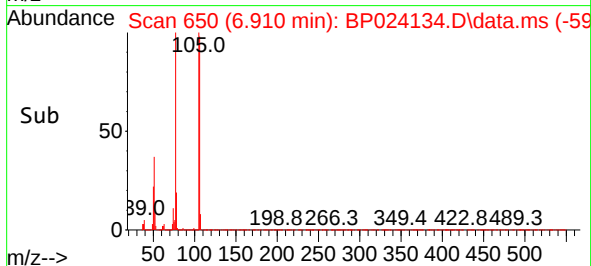
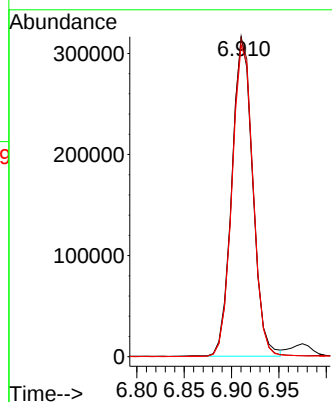
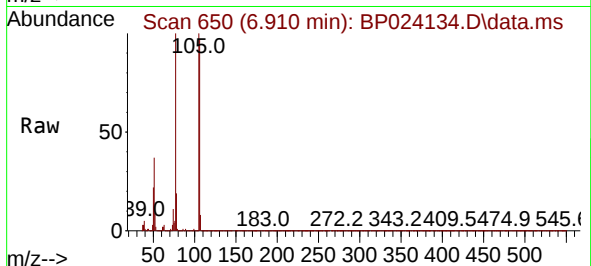




#9
Benzaldehyde
Concen: 32.313 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

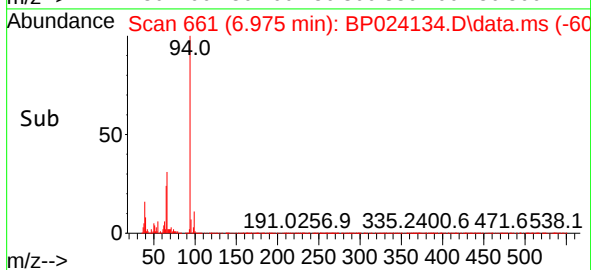
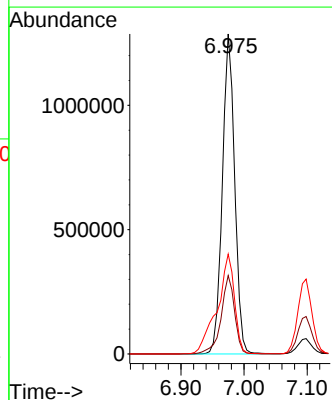
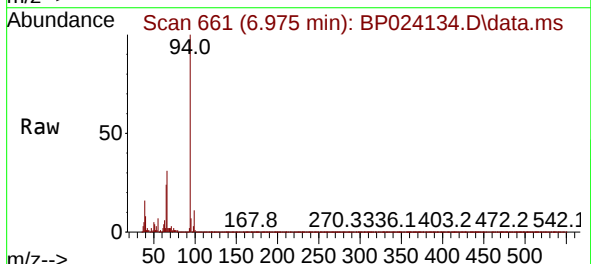
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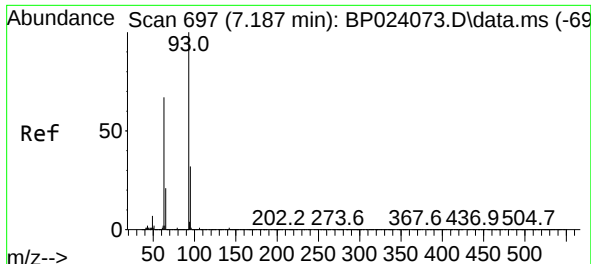
Tgt Ion: 77 Resp: 483498
Ion Ratio Lower Upper
77 100
105 99.6 81.4 121.4
106 97.5 79.0 119.0



#10
Phenol
Concen: 53.101 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 94 Resp: 1750042
Ion Ratio Lower Upper
94 100
65 24.5 5.0 45.0
66 31.2 11.6 51.6





#11

bis(2-Chloroethyl)ether

Concen: 48.192 ng

RT: 7.187 min Scan# 697

Delta R.T. -0.000 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

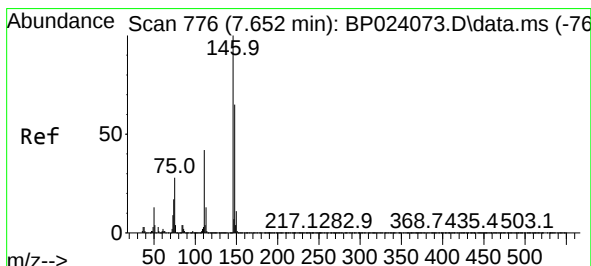
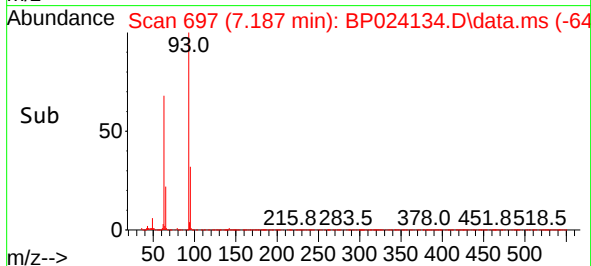
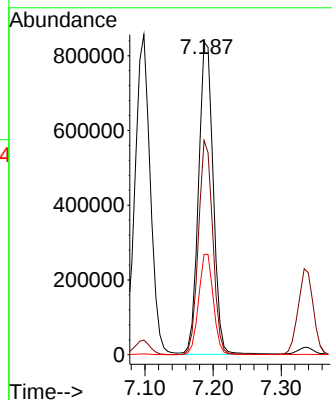
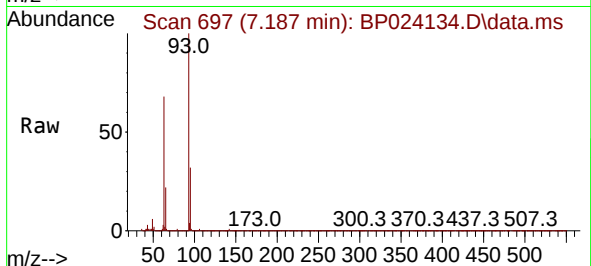
BNA_P

ClientSampleId :

PB166890BS

Tgt Ion: 93 Resp: 1250936

Ion	Ratio	Lower	Upper
93	100		
63	68.5	46.5	86.5
95	32.1	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 44.568 ng

RT: 7.651 min Scan# 776

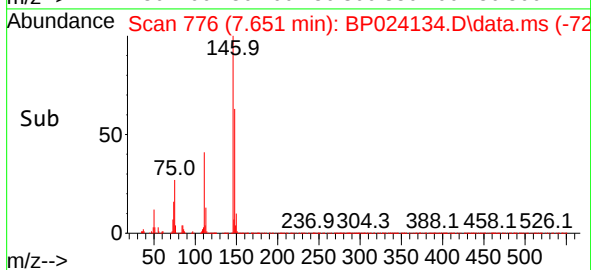
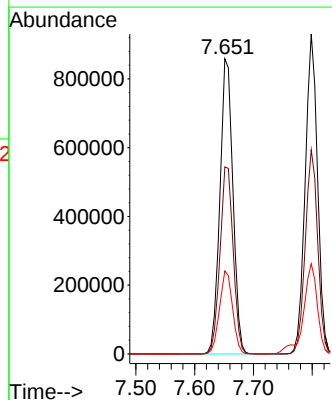
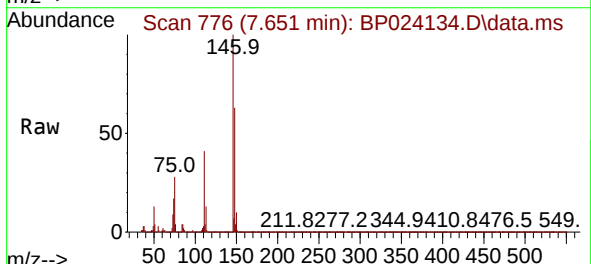
Delta R.T. -0.000 min

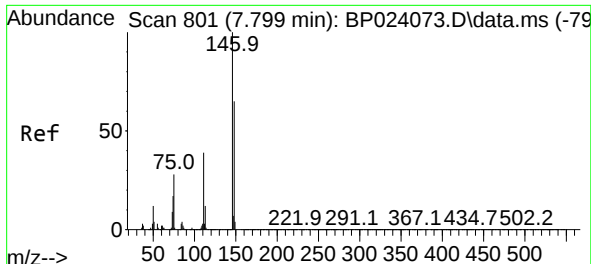
Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Tgt Ion: 146 Resp: 1321462

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	28.1	22.6	33.8

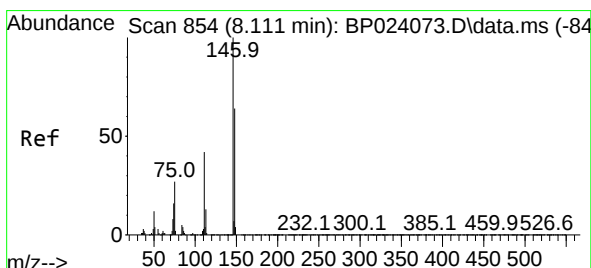
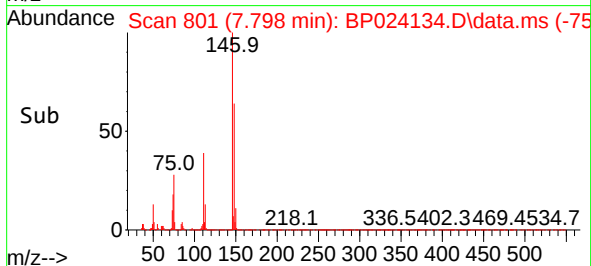
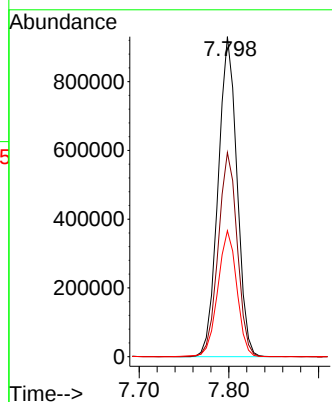
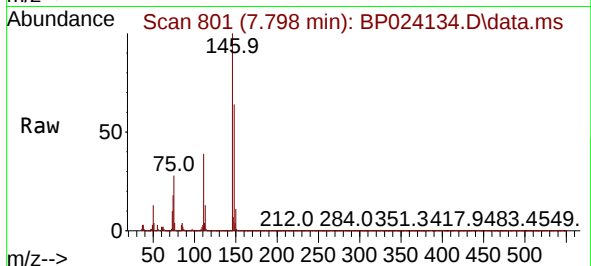




#13
1,4-Dichlorobenzene
Concen: 45.288 ng
RT: 7.798 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

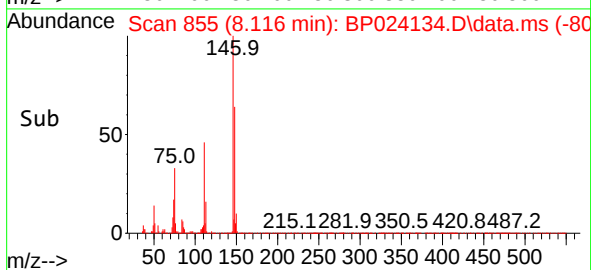
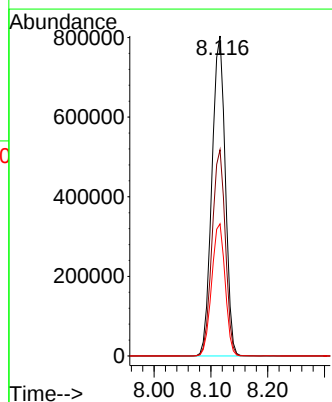
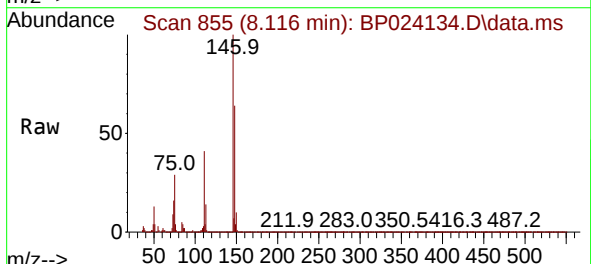
Instrument :
BNA_P
ClientSampleId :
PB166890BS

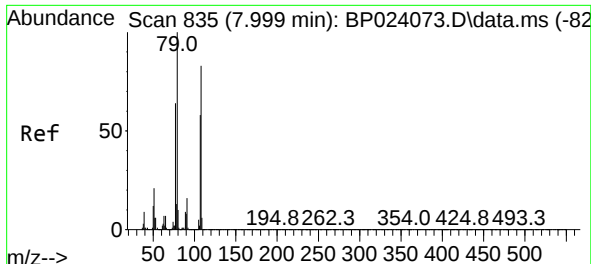
Tgt Ion:146 Resp: 1358000
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 39.4 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 45.436 ng
RT: 8.116 min Scan# 855
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:146 Resp: 1307540
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 41.3 33.4 50.0

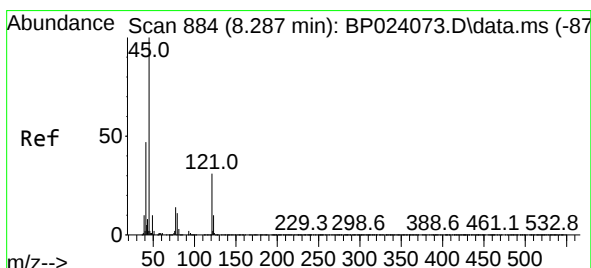
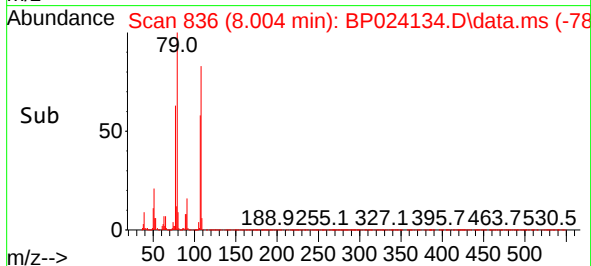
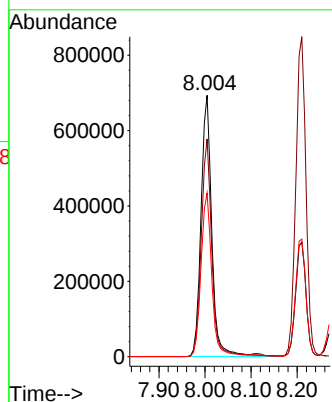
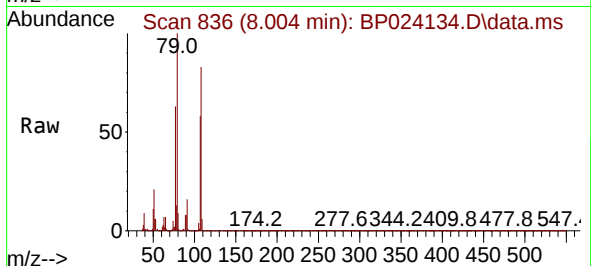




#15
Benzyl Alcohol
Concen: 56.269 ng
RT: 8.004 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

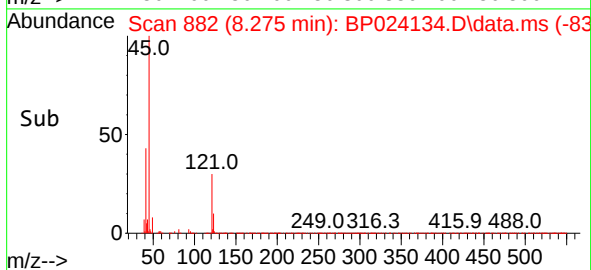
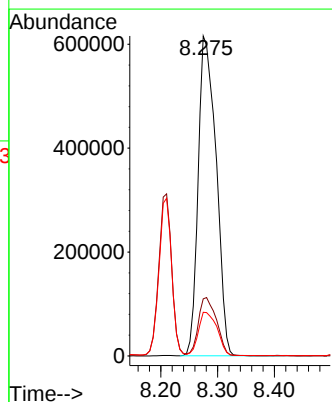
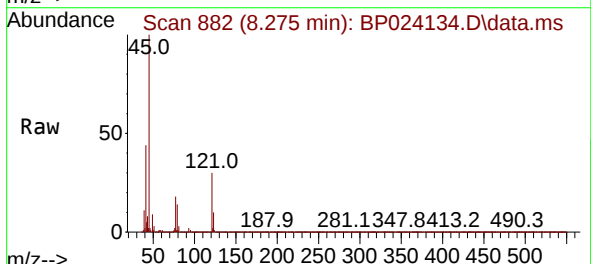
Instrument :
BNA_P
ClientSampleId :
PB166890BS

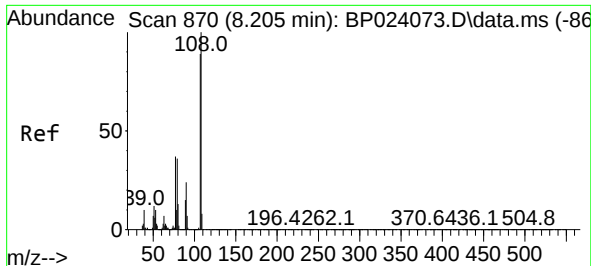
Tgt Ion: 79 Resp: 1128833
Ion Ratio Lower Upper
79 100
108 83.3 66.4 99.6
77 62.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.600 ng
RT: 8.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 45 Resp: 1350611
Ion Ratio Lower Upper
45 100
77 17.9 0.0 38.8
79 13.6 0.0 35.4

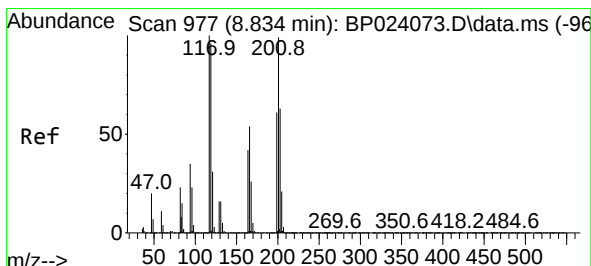
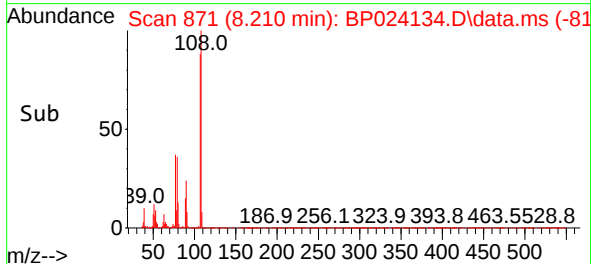
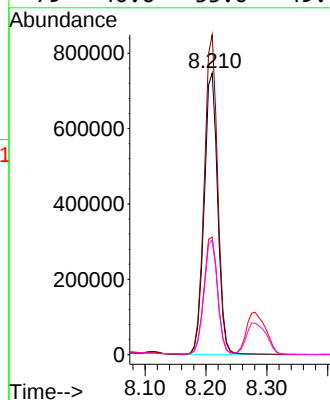
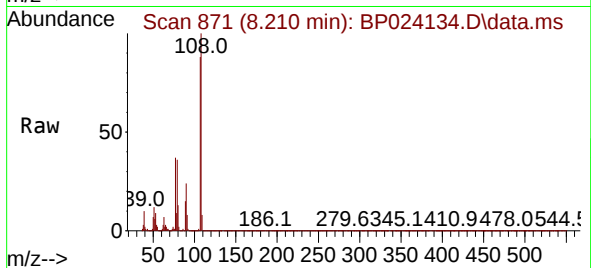




#17
2-Methylphenol
Concen: 57.086 ng
RT: 8.210 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

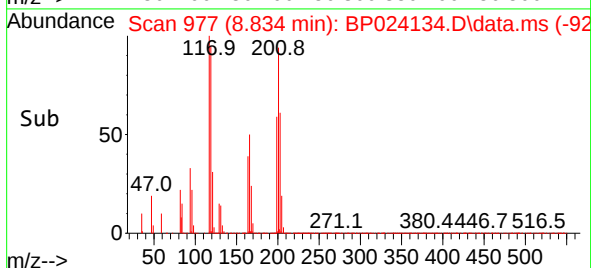
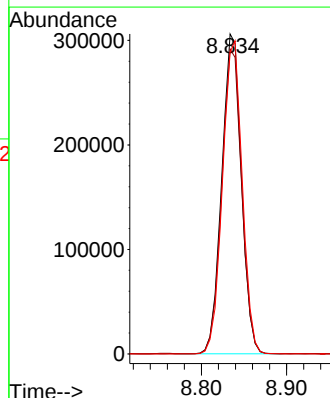
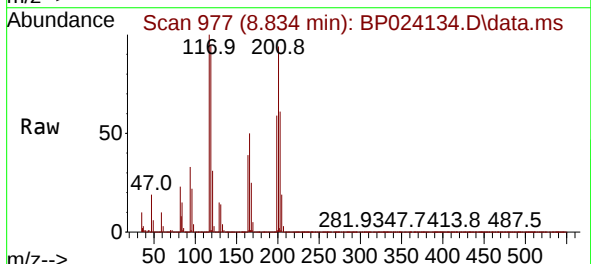
Instrument :
BNA_P
ClientSampleId :
PB166890BS

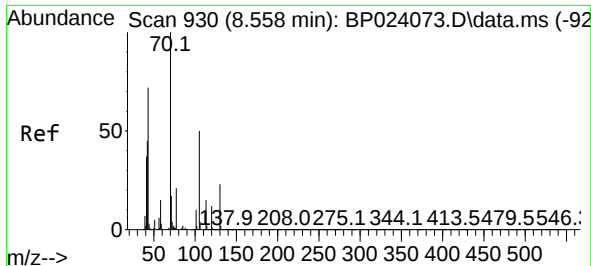
Tgt Ion:107 Resp: 1146480
Ion Ratio Lower Upper
107 100
108 113.6 90.0 135.0
77 41.8 33.8 50.6
79 40.6 33.0 49.4



#18
Hexachloroethane
Concen: 45.365 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:117 Resp: 489896
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3
201 94.3 79.4 119.2



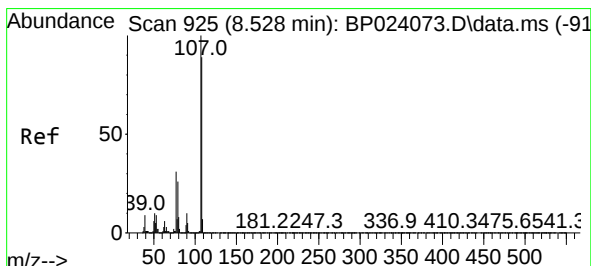
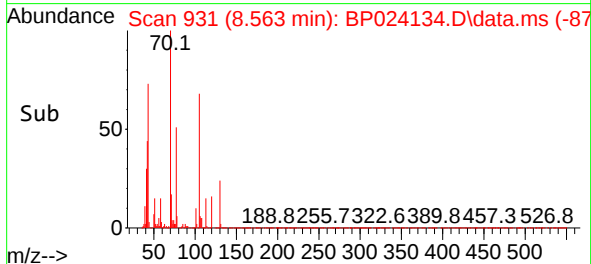
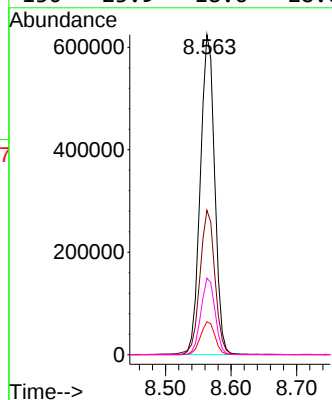
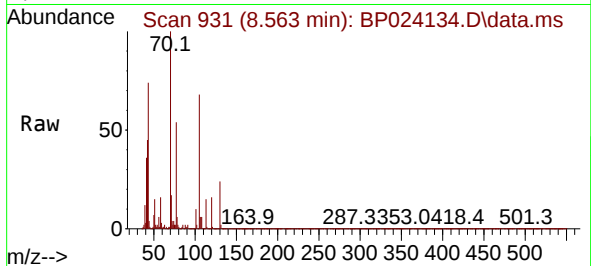


#19
n-Nitroso-di-n-propylamine
Concen: 53.954 ng
RT: 8.563 min Scan# 91
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Instrument :
BNA_P
ClientSampleId :
PB166890BS

Tgt Ion: 70 Resp: 950757

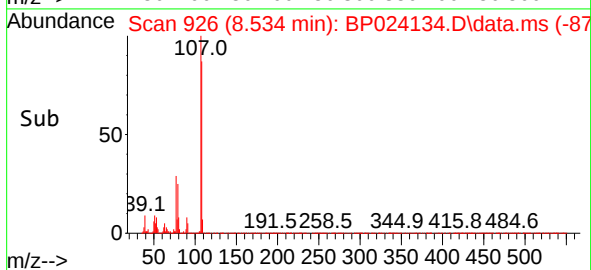
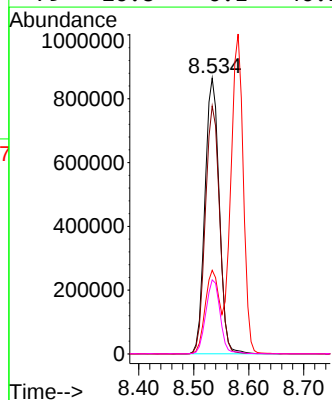
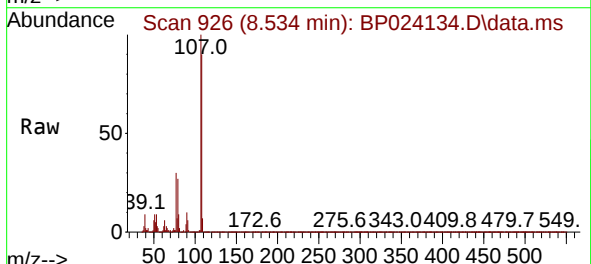
Ion	Ratio	Lower	Upper
70	100		
42	45.1	36.6	54.8
101	10.3	8.2	12.2
130	23.9	18.6	28.0

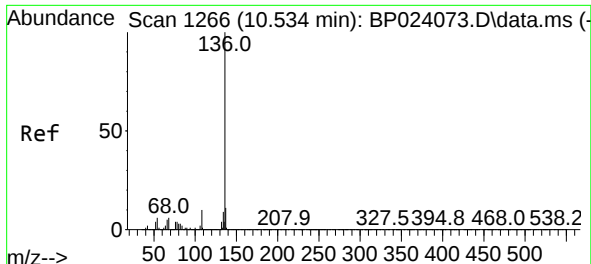


#20
3+4-Methylphenols
Concen: 57.209 ng
RT: 8.534 min Scan# 926
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 107 Resp: 1563032

Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.5	108.5
77	30.4	10.7	50.7
79	26.8	6.1	46.1

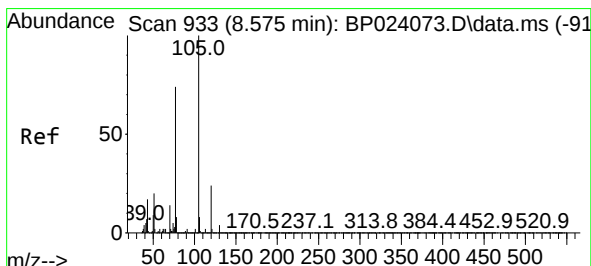
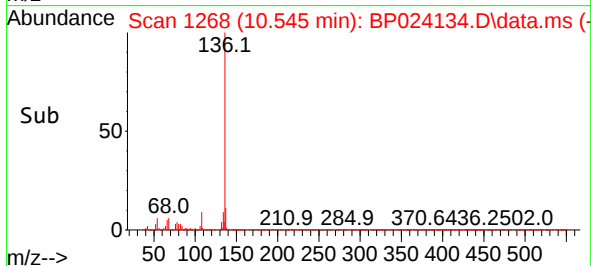
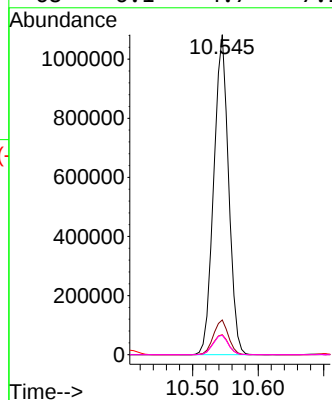
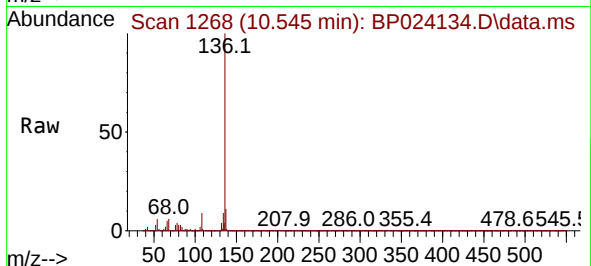




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1266
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

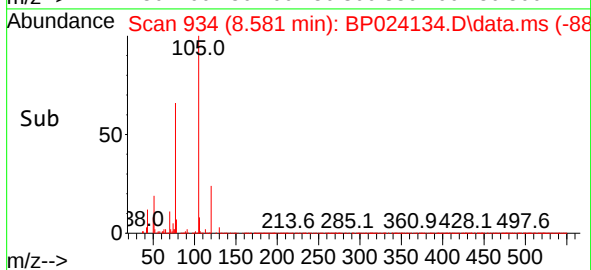
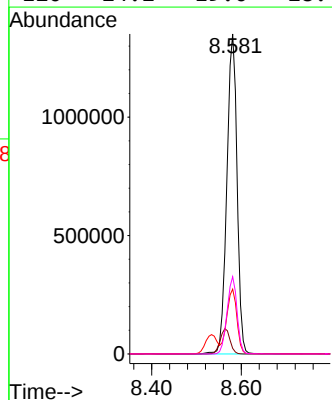
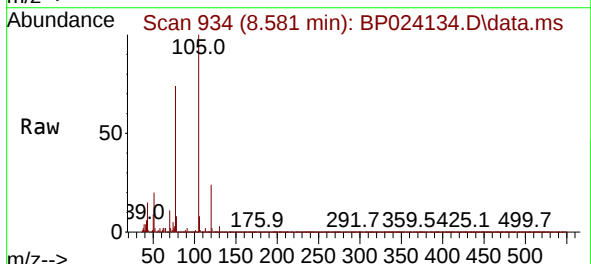
Instrument :
BNA_P
ClientSampleId :
PB166890BS

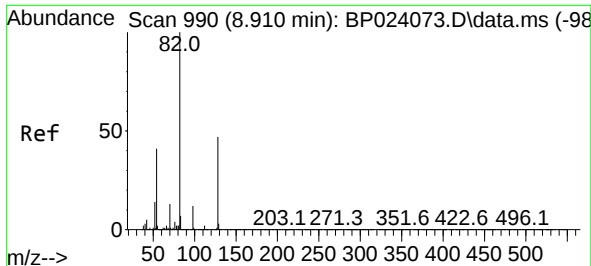
Tgt Ion:136 Resp: 1696628
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.3 4.9 7.3
68 6.1 4.7 7.1



#22
Acetophenone
Concen: 48.977 ng
RT: 8.581 min Scan# 934
Delta R.T. 0.006 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:105 Resp: 2135352
Ion Ratio Lower Upper
105 100
71 1.8 1.9 2.9#
51 20.3 16.3 24.5
120 24.2 19.0 28.4

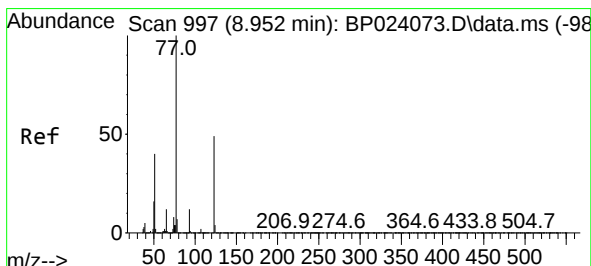
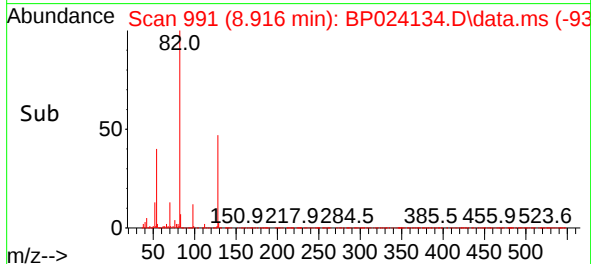
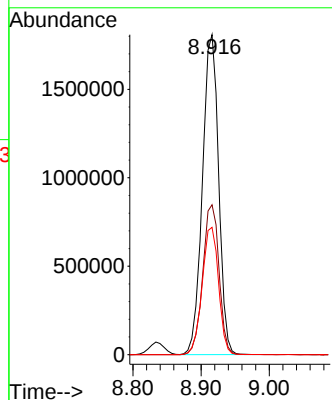
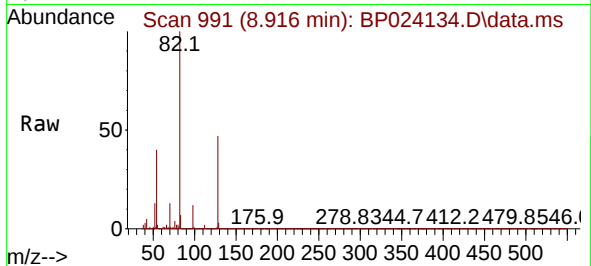




#23
Nitrobenzene-d5
Concen: 98.025 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

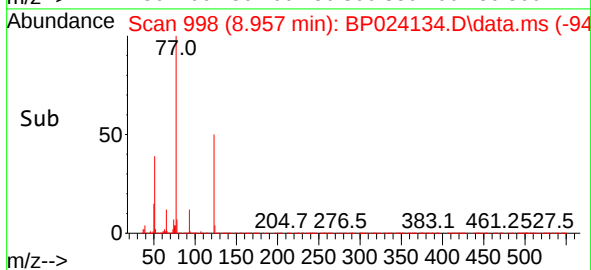
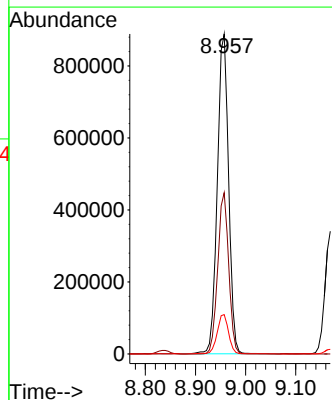
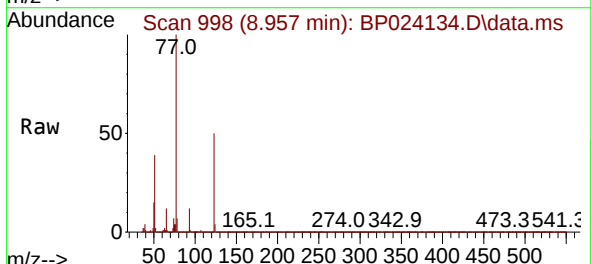
Instrument :
BNA_P
ClientSampleId :
PB166890BS

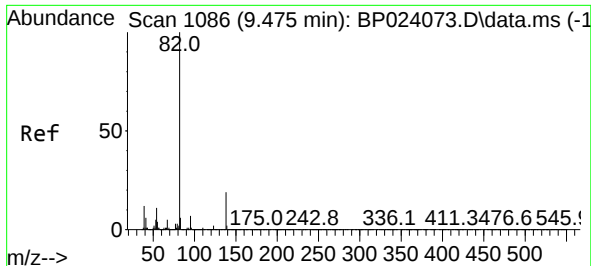
Tgt Ion: 82 Resp: 2981090
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.2
54 39.8 32.4 48.6



#24
Nitrobenzene
Concen: 46.050 ng
RT: 8.957 min Scan# 998
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 77 Resp: 1378257
Ion Ratio Lower Upper
77 100
123 50.4 39.4 59.2
65 12.3 9.9 14.9

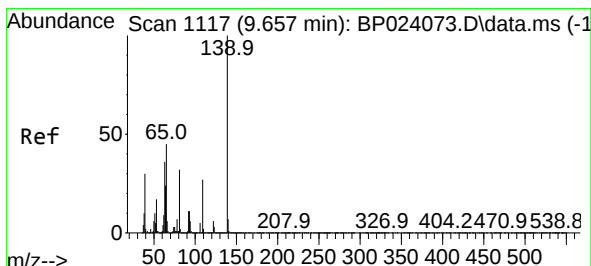
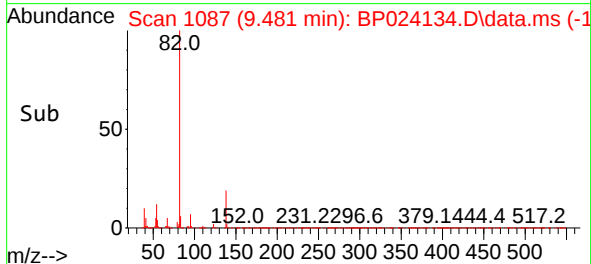
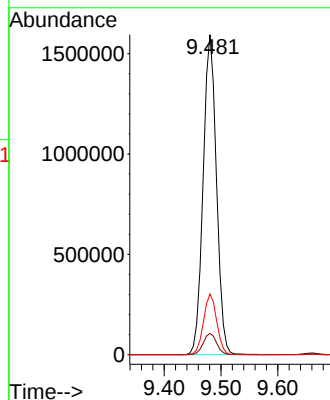
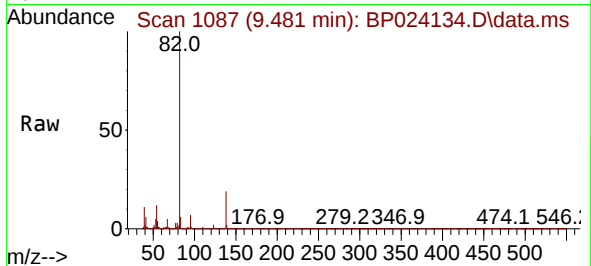




#25
Isophorone
Concen: 52.123 ng
RT: 9.481 min Scan# 1086
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

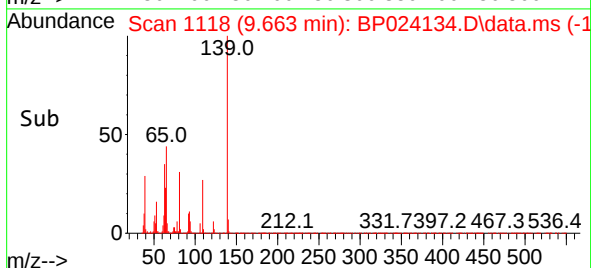
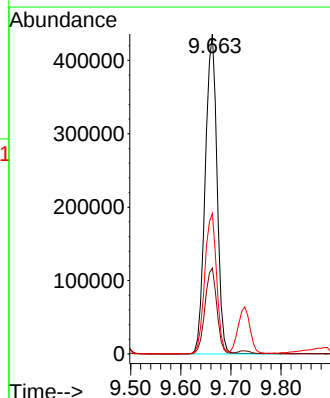
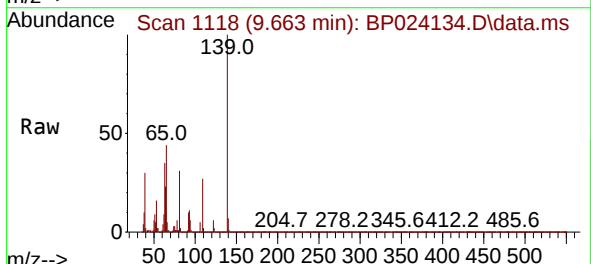
Instrument :
BNA_P
ClientSampleId :
PB166890BS

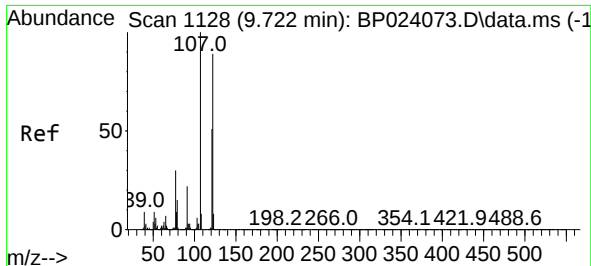
Tgt Ion: 82 Resp: 2592188
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.9 15.3 22.9



#26
2-Nitrophenol
Concen: 51.750 ng
RT: 9.663 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 139 Resp: 713581
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 43.9 36.1 54.1

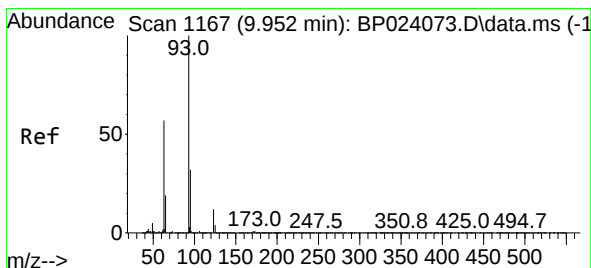
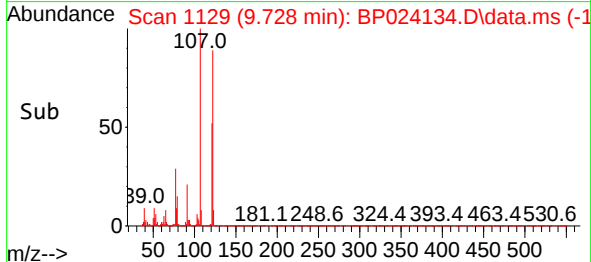
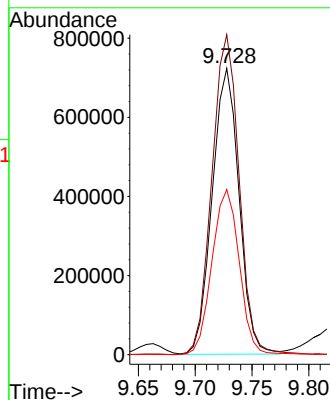
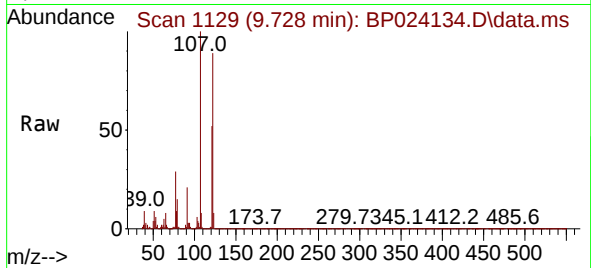




#27
2,4-Dimethylphenol
Concen: 65.788 ng
RT: 9.728 min Scan# 1128
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

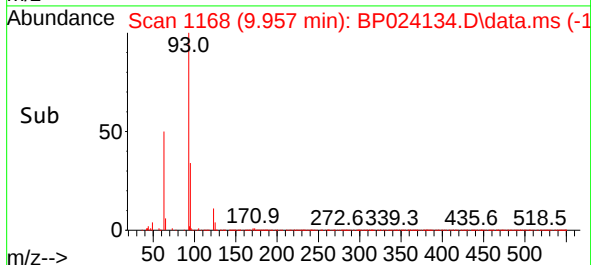
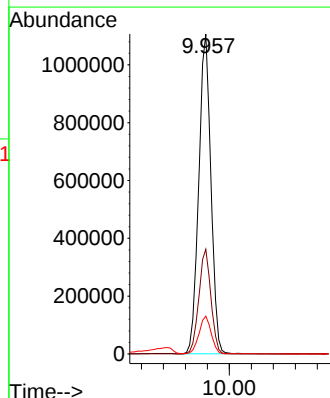
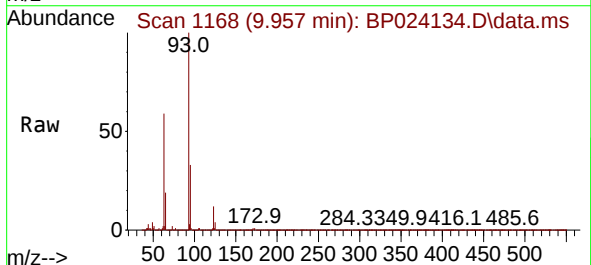
Instrument :
BNA_P
ClientSampleId :
PB166890BS

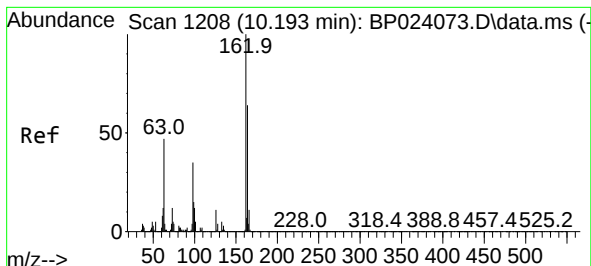
Tgt Ion:122 Resp: 1190787
Ion Ratio Lower Upper
122 100
107 111.8 89.8 134.8
121 57.7 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.118 ng
RT: 9.957 min Scan# 1168
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 93 Resp: 1697513
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 51.222 ng

RT: 10.198 min Scan# 1208

Delta R.T. 0.005 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

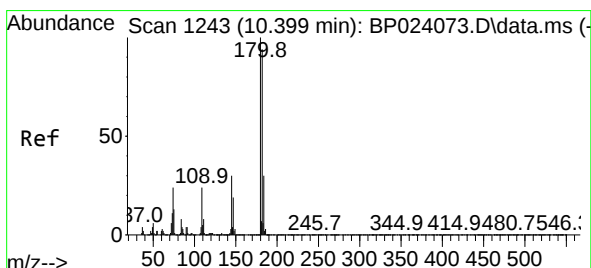
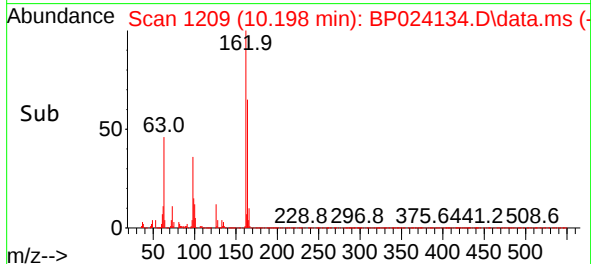
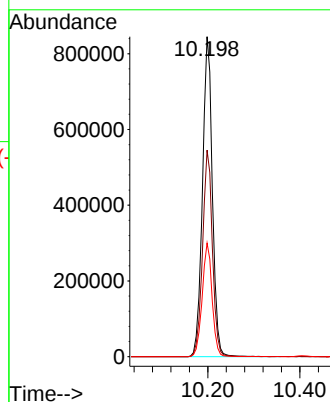
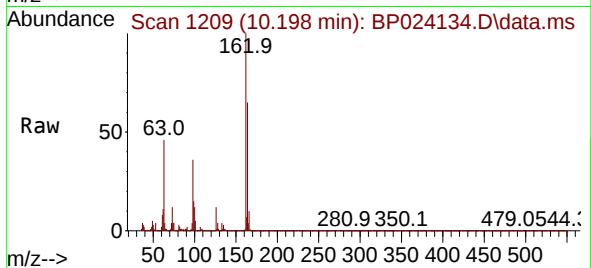
Tgt Ion:162 Resp: 1265261

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 35.5 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 43.360 ng

RT: 10.410 min Scan# 1245

Delta R.T. 0.011 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

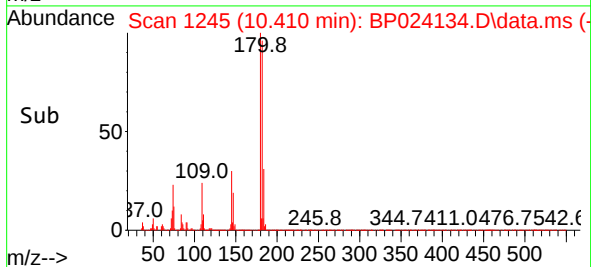
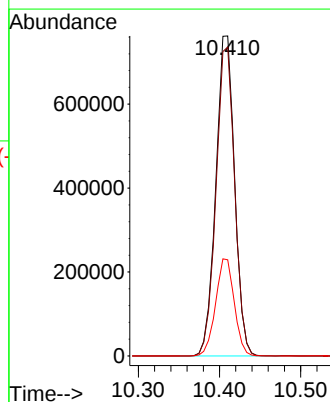
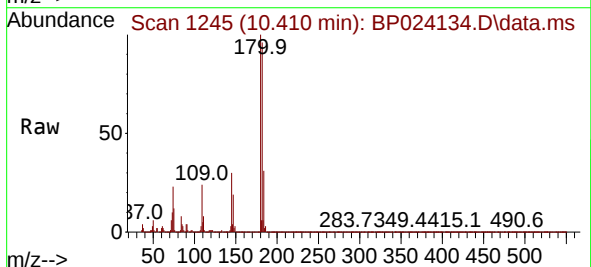
Tgt Ion:180 Resp: 1227140

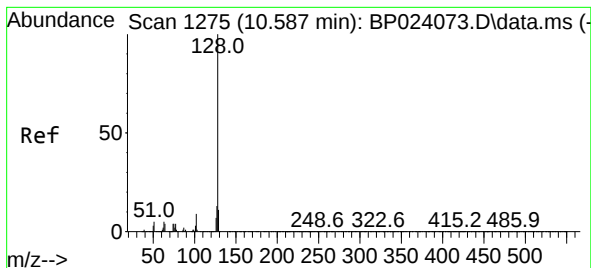
Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.2

145 30.1 24.0 36.0

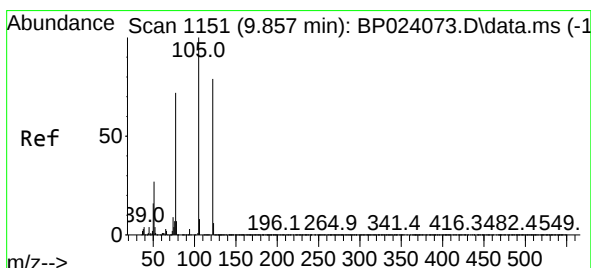
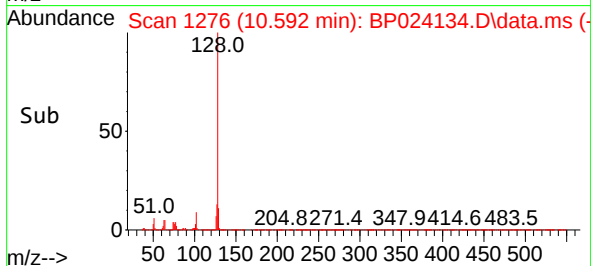
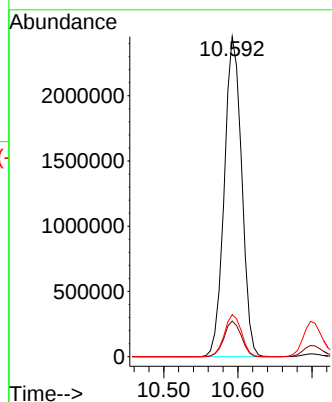
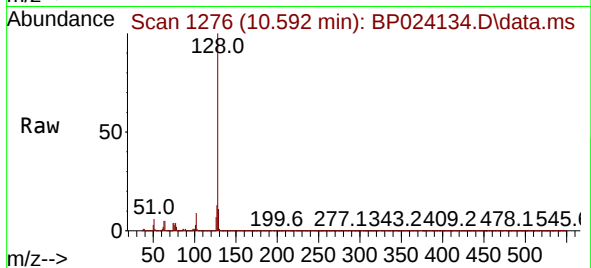




#31
Naphthalene
Concen: 43.738 ng
RT: 10.592 min Scan# 1156
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

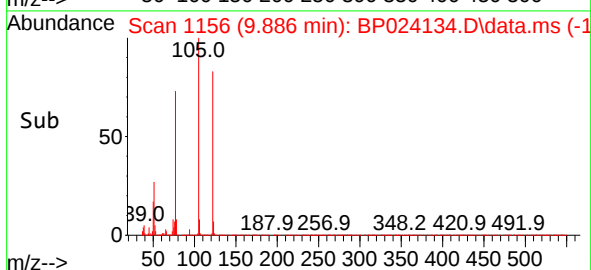
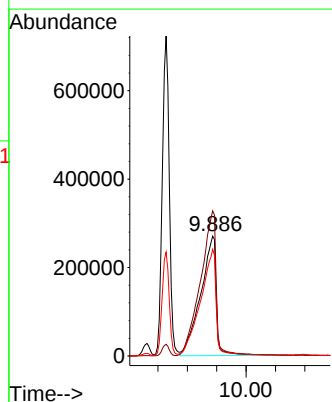
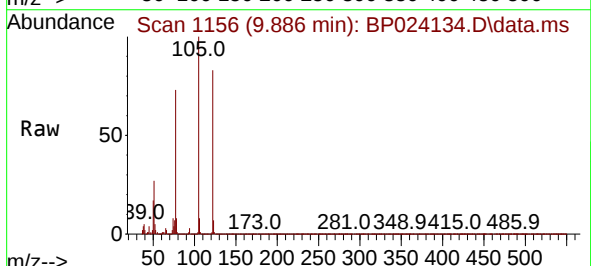
Instrument :
BNA_P
ClientSampleId :
PB166890BS

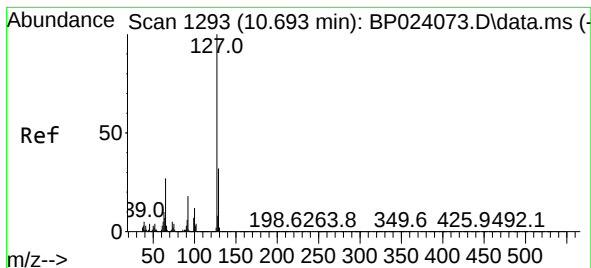
Tgt Ion:128 Resp: 3990082
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 52.157 ng
RT: 9.886 min Scan# 1156
Delta R.T. 0.029 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:122 Resp: 1005138
Ion Ratio Lower Upper
122 100
105 121.1 103.7 143.7
77 88.9 69.9 109.9





#33

4-Chloroaniline

Concen: 15.861 ng

RT: 10.698 min Scan# 1293

Delta R.T. 0.005 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

Tgt Ion:127 Resp: 509743

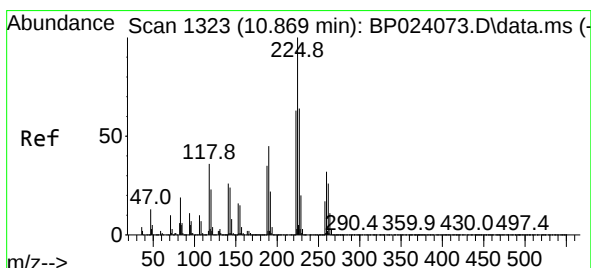
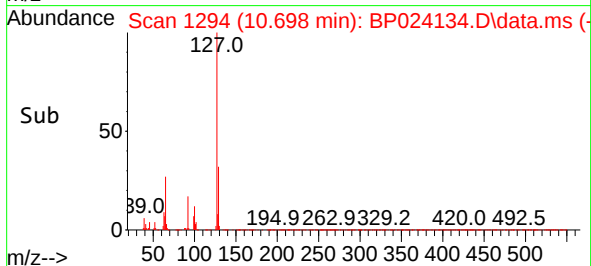
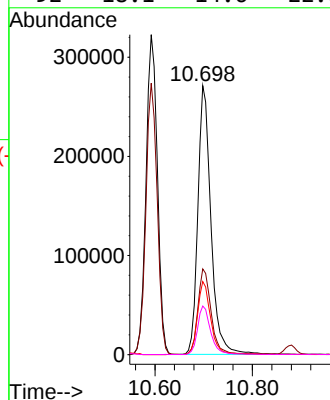
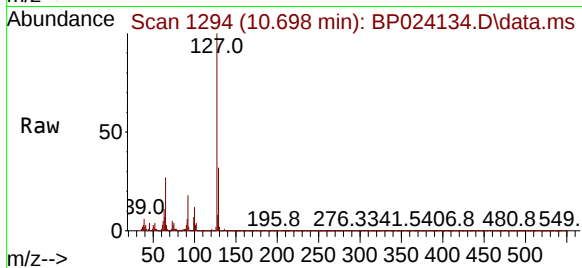
Ion Ratio Lower Upper

127 100

129 31.9 25.4 38.0

65 27.2 21.3 31.9

92 18.1 14.6 22.0



#34

Hexachlorobutadiene

Concen: 44.173 ng

RT: 10.881 min Scan# 1325

Delta R.T. 0.011 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

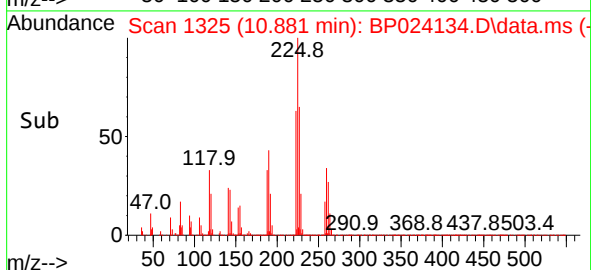
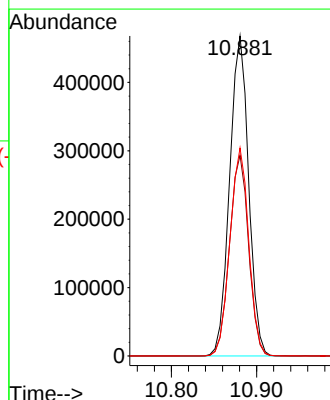
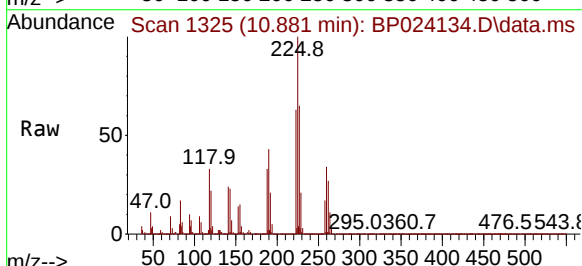
Tgt Ion:225 Resp: 724108

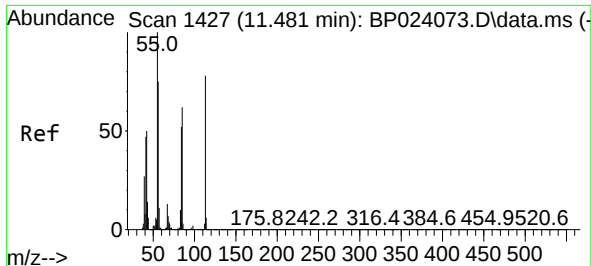
Ion Ratio Lower Upper

225 100

223 62.7 50.5 75.7

227 65.0 51.3 76.9

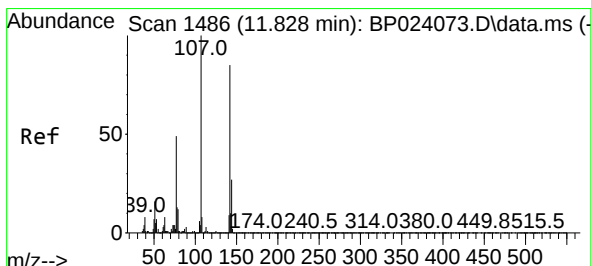
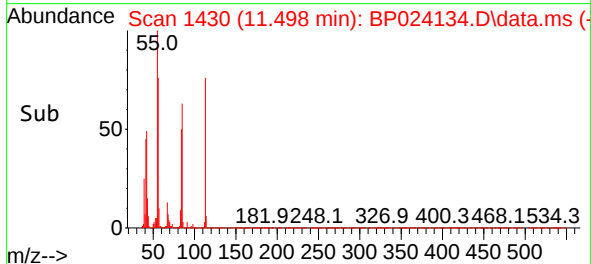
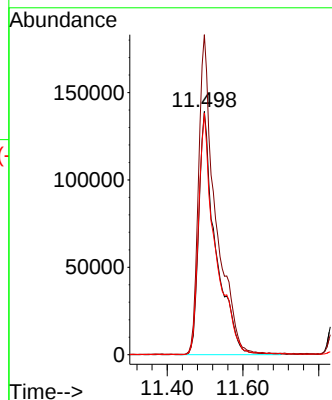
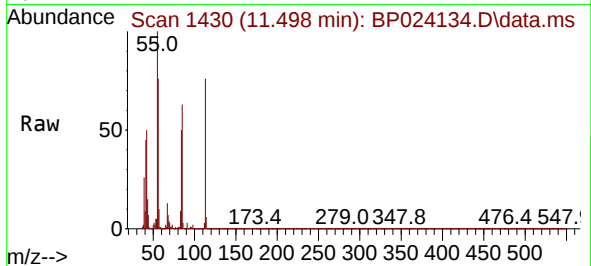




#35
Caprolactam
Concen: 51.351 ng
RT: 11.498 min Scan# 1427
Delta R.T. 0.017 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

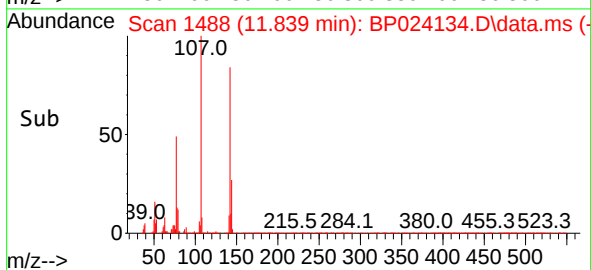
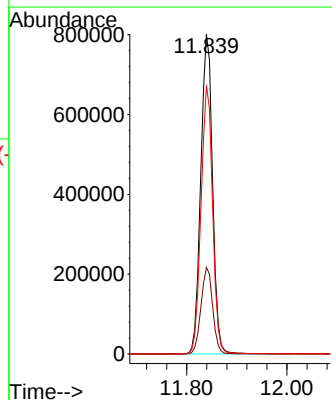
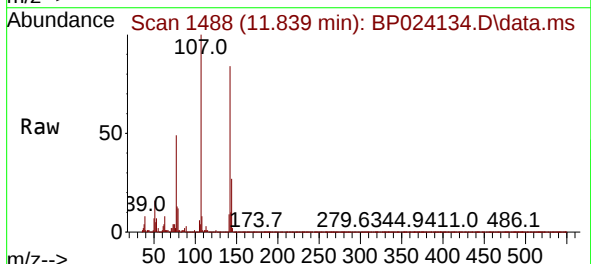
Instrument :
BNA_P
ClientSampleId :
PB166890BS

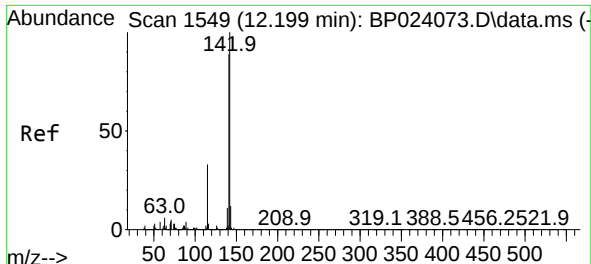
Tgt Ion:113 Resp: 430901
Ion Ratio Lower Upper
113 100
55 131.5 108.8 148.8
56 99.4 76.5 116.5



#36
4-Chloro-3-methylphenol
Concen: 51.421 ng
RT: 11.839 min Scan# 1488
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:107 Resp: 1305749
Ion Ratio Lower Upper
107 100
144 27.1 21.8 32.8
142 84.0 67.8 101.8

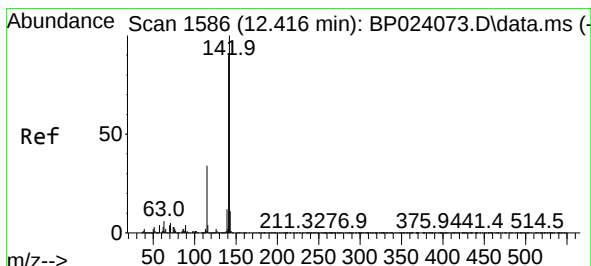
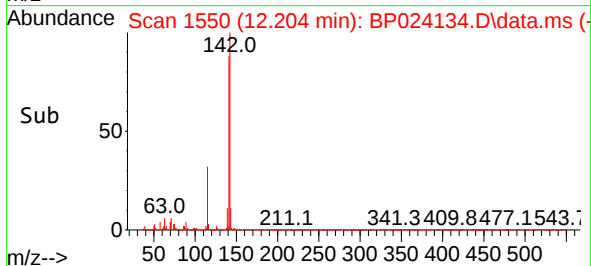
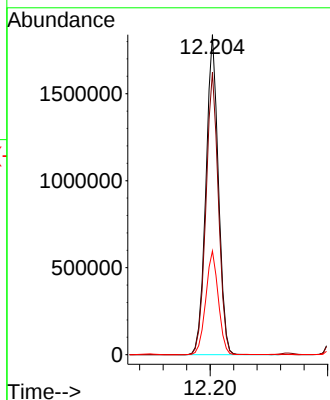
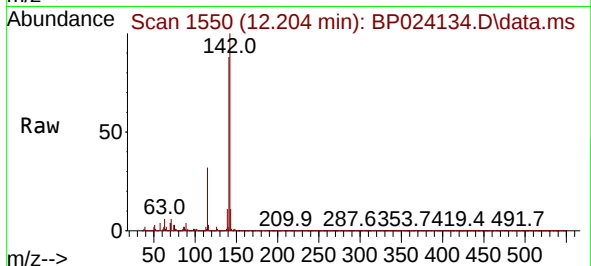




#37
2-Methylnaphthalene
Concen: 44.571 ng
RT: 12.204 min Scan# 1550
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

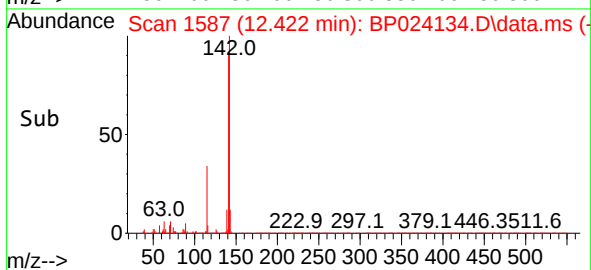
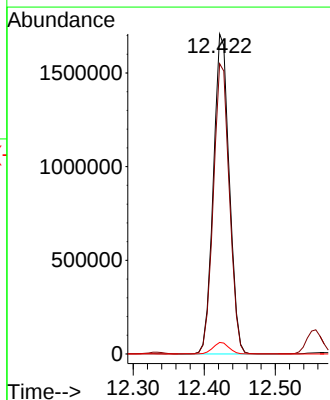
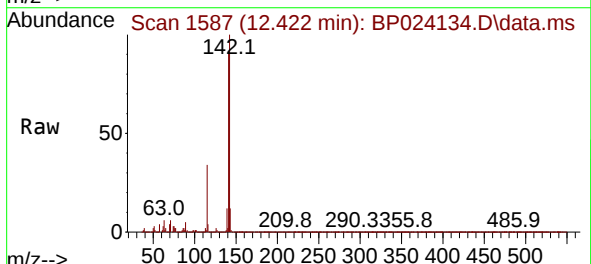
Instrument :
BNA_P
ClientSampleId :
PB166890BS

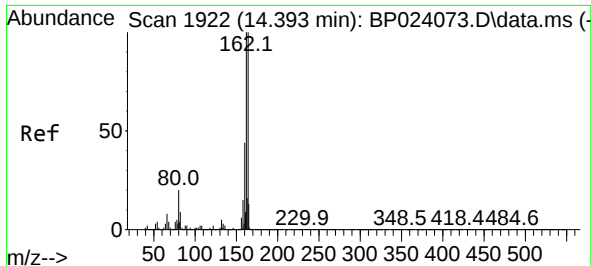
Tgt Ion:142 Resp: 2702523
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8
115 32.4 26.5 39.7



#38
1-Methylnaphthalene
Concen: 44.869 ng
RT: 12.422 min Scan# 1587
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:142 Resp: 2646686
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.6
116 3.6 2.8 4.2

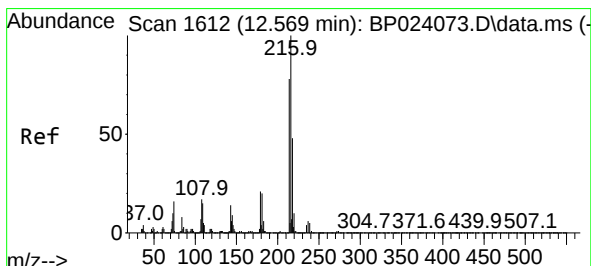
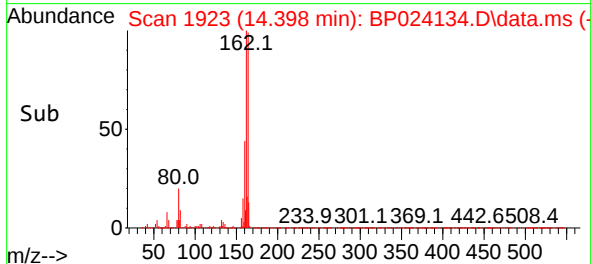
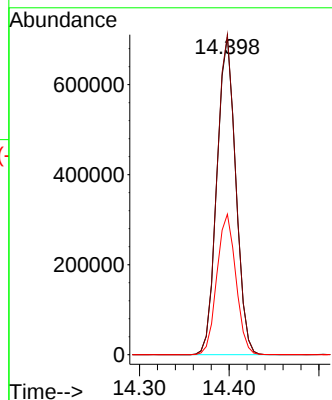
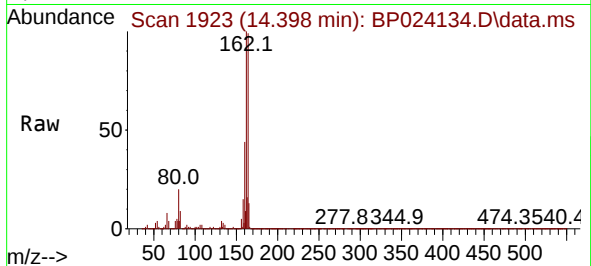




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1922
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

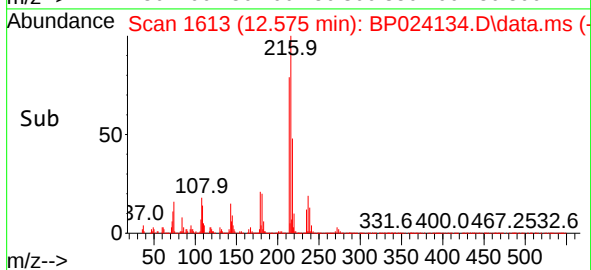
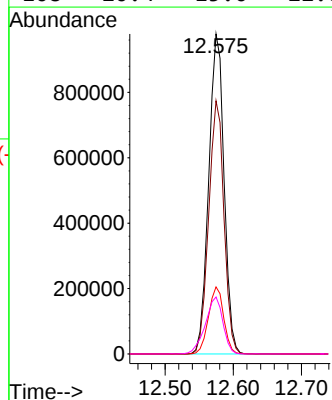
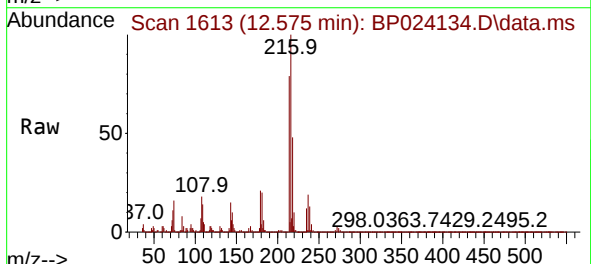
Instrument :
BNA_P
ClientSampleId :
PB166890BS

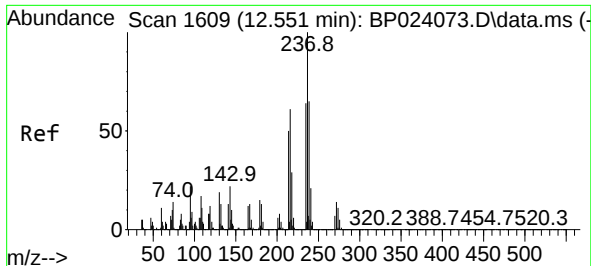
Tgt Ion:164 Resp: 1028380
Ion Ratio Lower Upper
164 100
162 100.8 80.1 120.1
160 44.2 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.429 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:216 Resp: 1530235
Ion Ratio Lower Upper
216 100
214 78.7 62.7 94.1
179 20.8 16.6 25.0
108 20.4 15.0 22.6

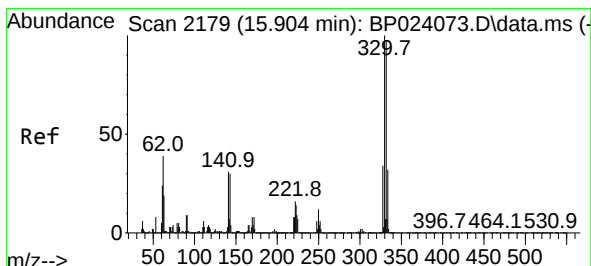
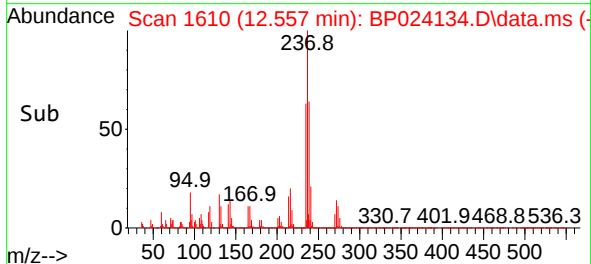
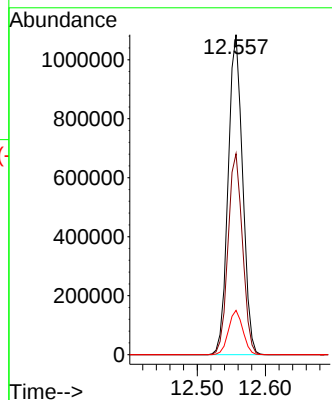
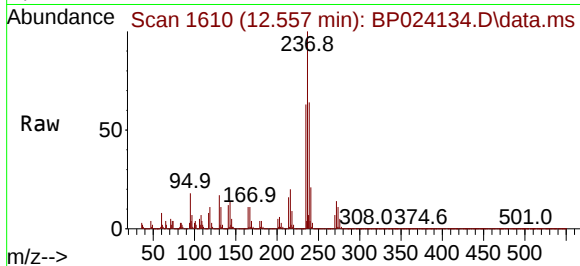




#41
 Hexachlorocyclopentadiene
 Concen: 136.357 ng
 RT: 12.557 min Scan# 1
 Delta R.T. 0.005 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

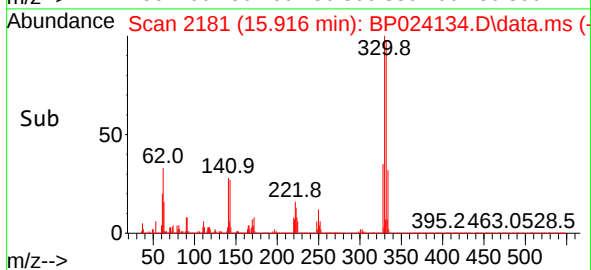
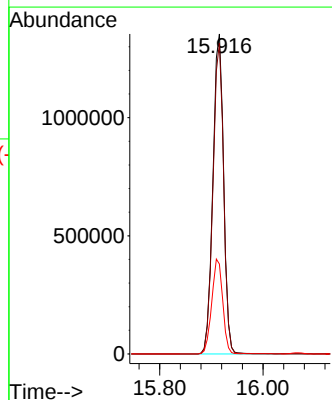
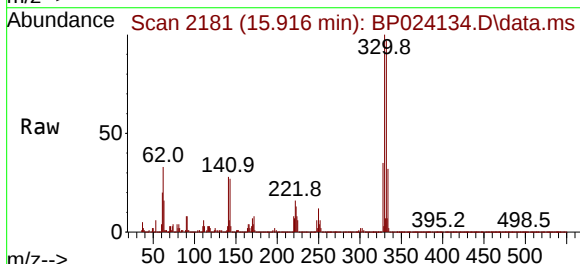
Instrument :
 BNA_P
 ClientSampleId :
 PB166890BS

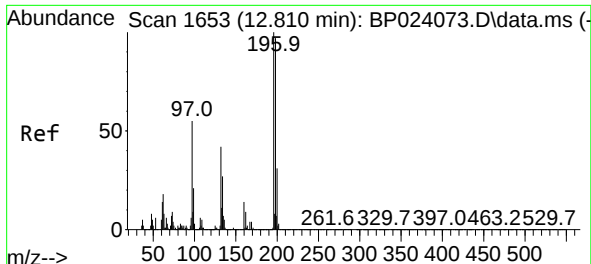
Tgt Ion:237 Resp: 1603253
 Ion Ratio Lower Upper
 237 100
 235 62.8 43.5 83.5
 272 13.9 0.0 33.7



#42
 2,4,6-Tribromophenol
 Concen: 154.657 ng
 RT: 15.916 min Scan# 2181
 Delta R.T. 0.011 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

Tgt Ion:330 Resp: 1948137
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.4
 141 30.4 28.3 42.5

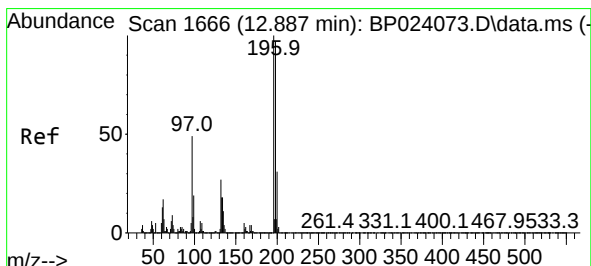
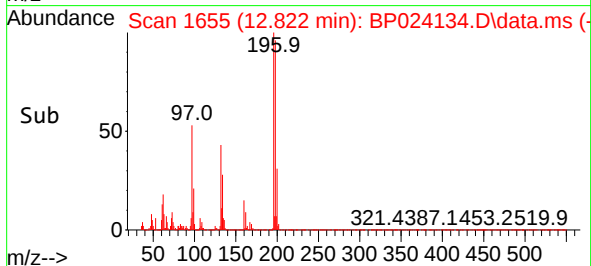
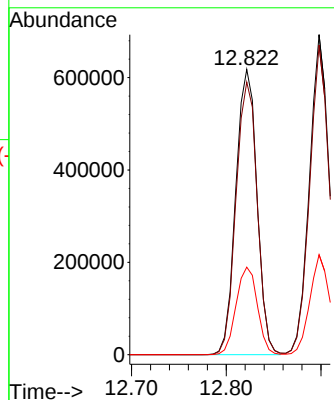
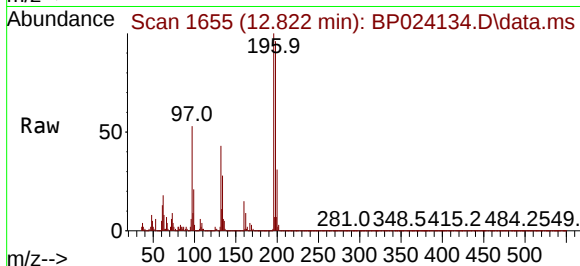




#43
2,4,6-Trichlorophenol
Concen: 49.723 ng
RT: 12.822 min Scan# 1655
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

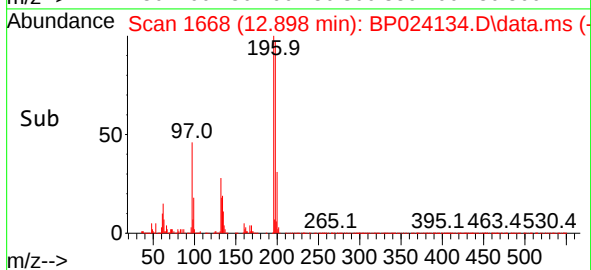
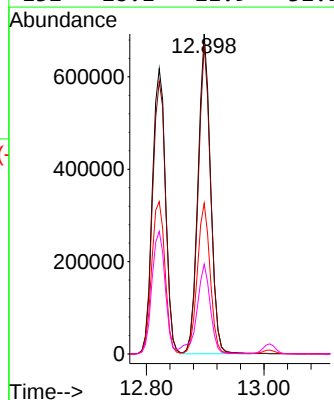
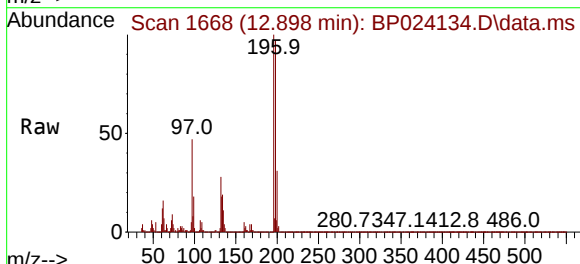
Instrument :
BNA_P
ClientSampleId :
PB166890BS

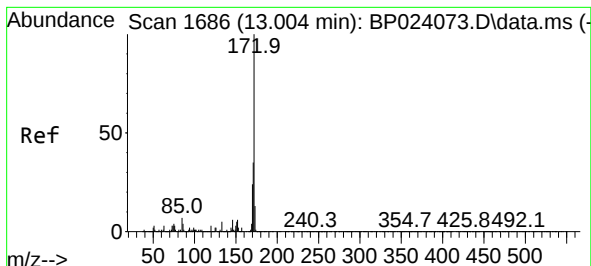
Tgt Ion:196 Resp: 958151
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.6
200 30.7 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 48.645 ng
RT: 12.898 min Scan# 1668
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:196 Resp: 1025160
Ion Ratio Lower Upper
196 100
198 96.7 77.4 116.2
97 47.1 39.0 58.4
132 28.1 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 94.258 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

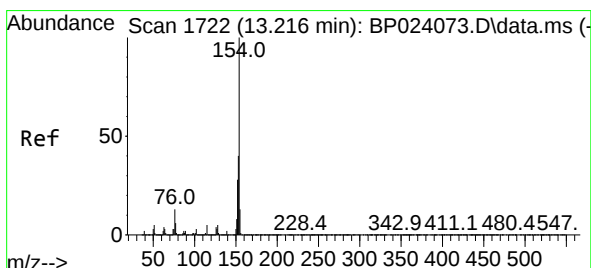
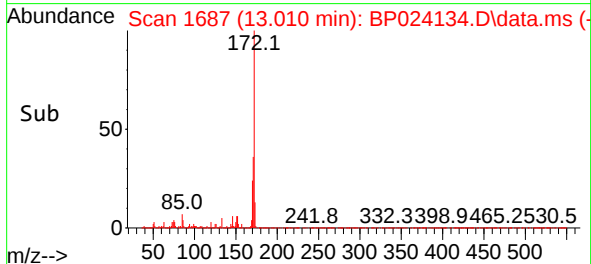
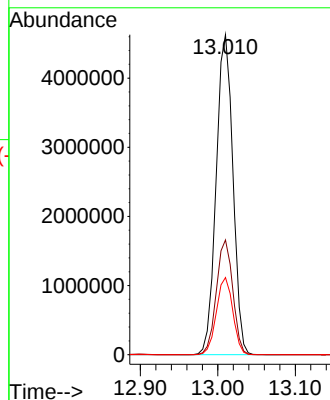
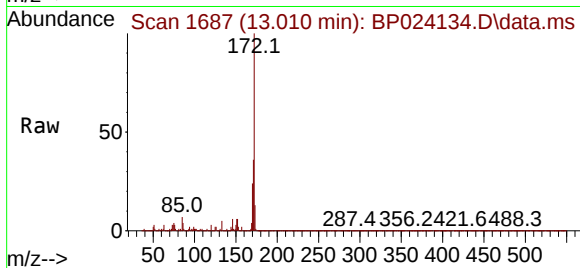
Tgt Ion:172 Resp: 6933704

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: 48.801 ng

RT: 13.222 min Scan# 1723

Delta R.T. 0.005 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

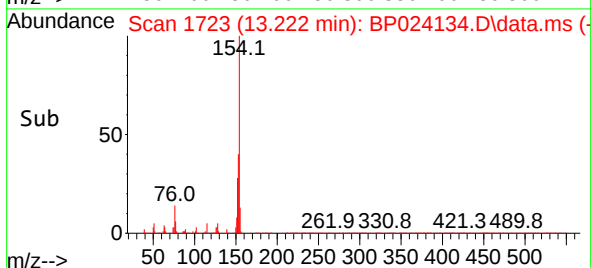
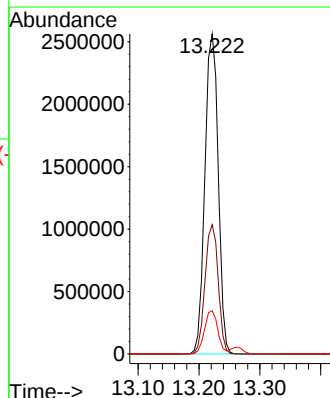
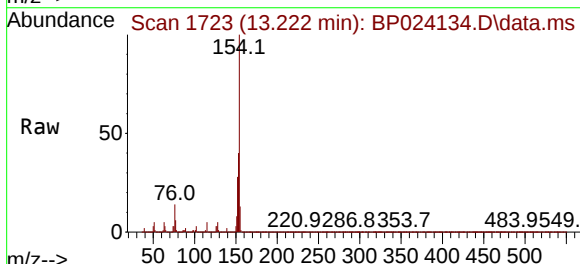
Tgt Ion:154 Resp: 3899752

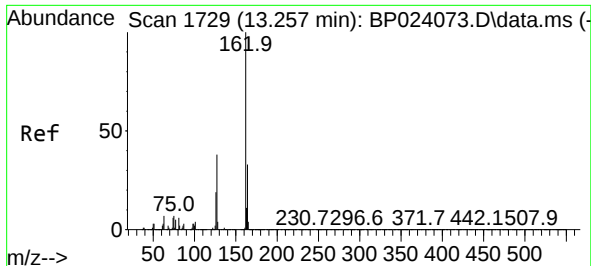
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 13.6 0.0 32.6

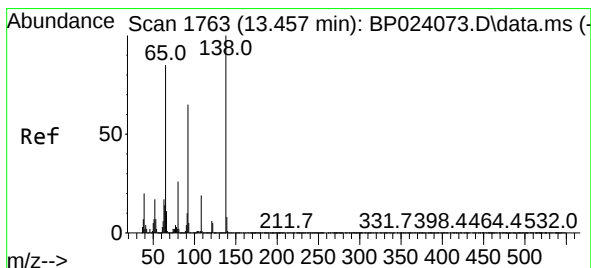
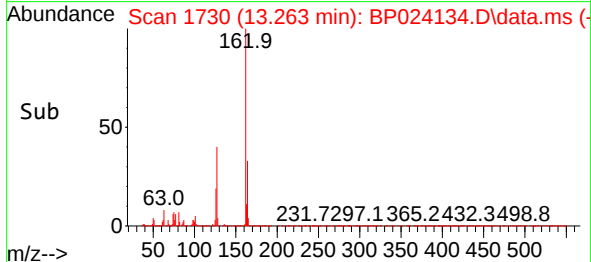
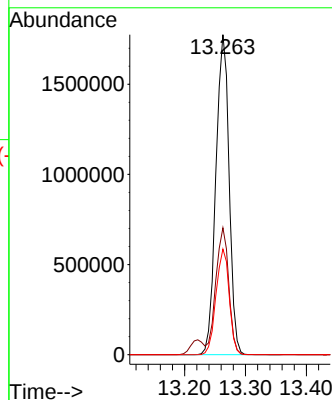
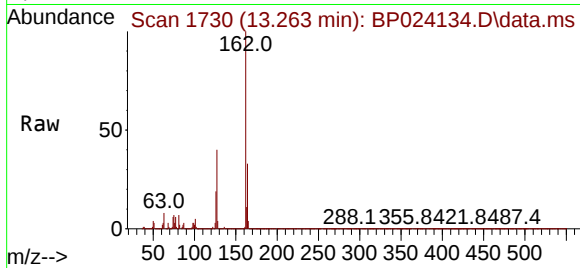




#47
2-Chloronaphthalene
Concen: 44.109 ng
RT: 13.263 min Scan# 1730
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

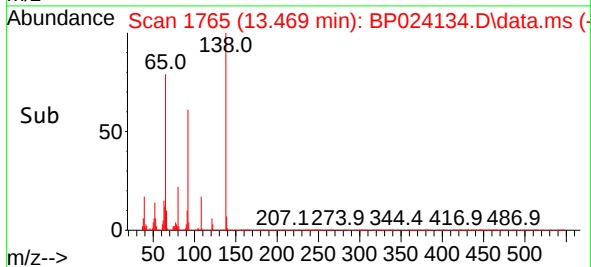
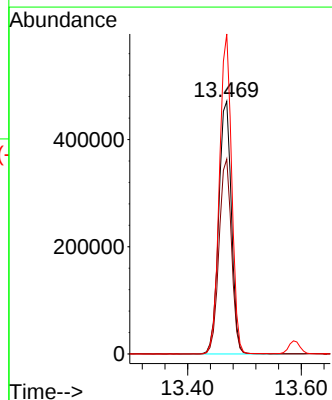
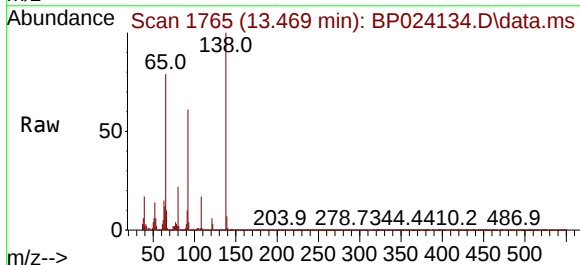
Instrument :
BNA_P
ClientSampleId :
PB166890BS

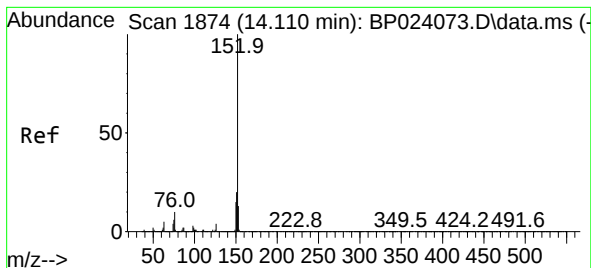
Tgt Ion:162 Resp: 2664606
Ion Ratio Lower Upper
162 100
127 39.6 30.7 46.1
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 51.104 ng
RT: 13.469 min Scan# 1765
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion: 65 Resp: 729245
Ion Ratio Lower Upper
65 100
92 77.2 61.7 92.5
138 126.7 94.6 142.0





#49

Acenaphthylene

Concen: 47.969 ng

RT: 14.116 min Scan# 1874

Delta R.T. 0.005 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

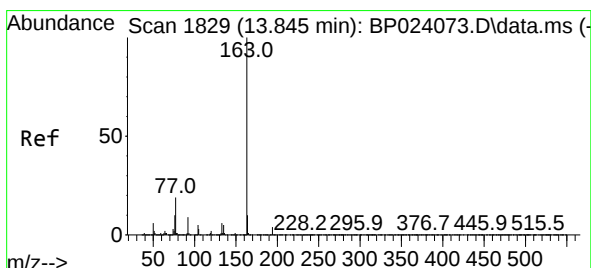
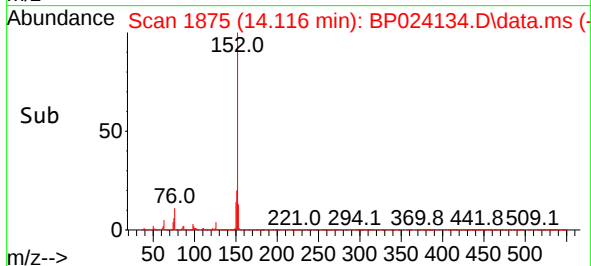
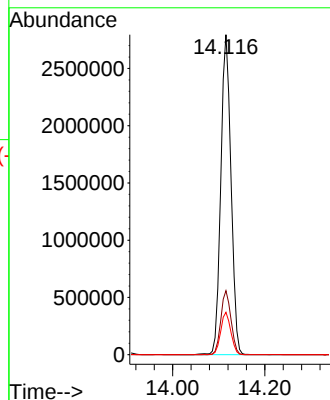
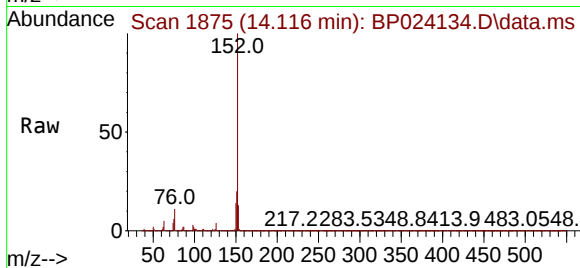
Tgt Ion:152 Resp: 4269391

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 44.480 ng

RT: 13.851 min Scan# 1830

Delta R.T. 0.005 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

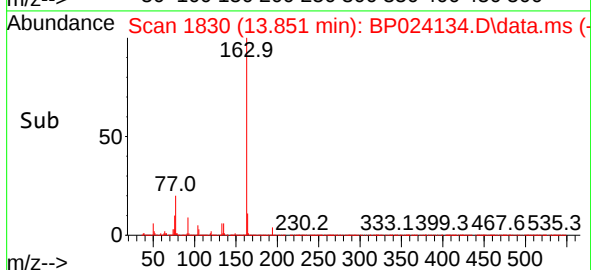
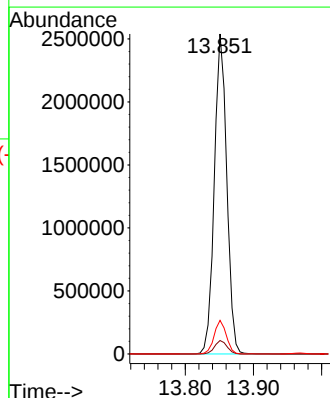
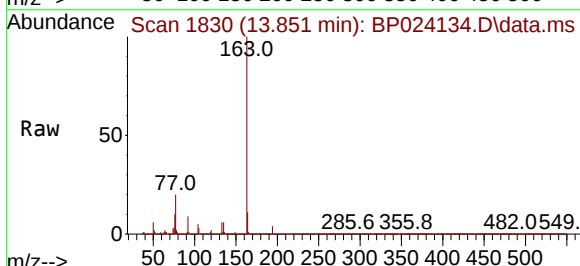
Tgt Ion:163 Resp: 3226577

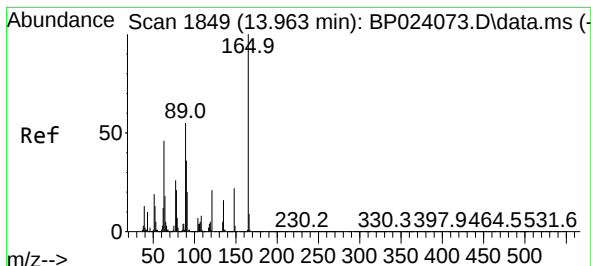
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.5 8.1 12.1

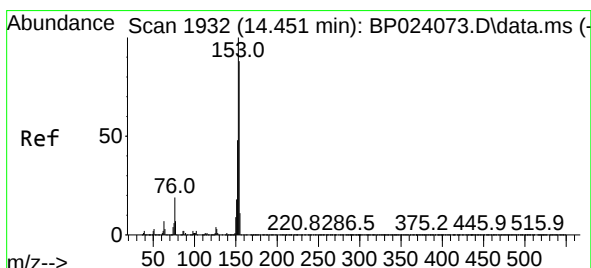
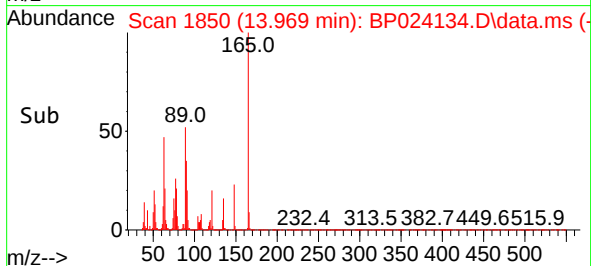
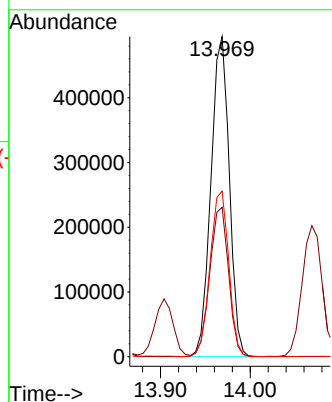
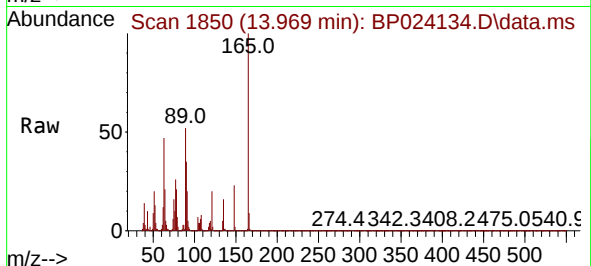




#51
2,6-Dinitrotoluene
Concen: 47.472 ng
RT: 13.969 min Scan# 1849
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

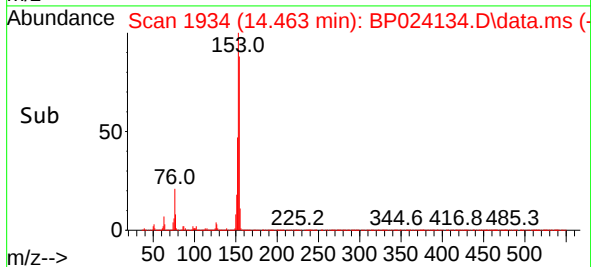
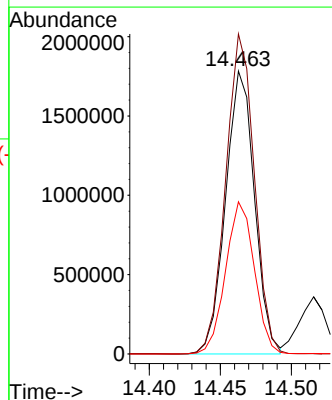
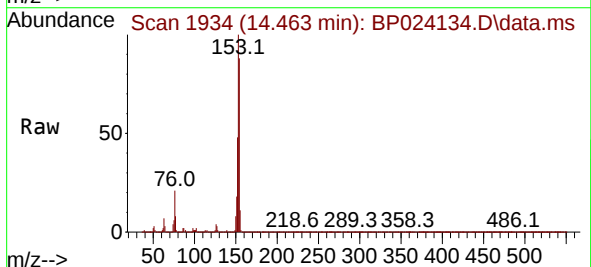
Instrument :
BNA_P
ClientSampleId :
PB166890BS

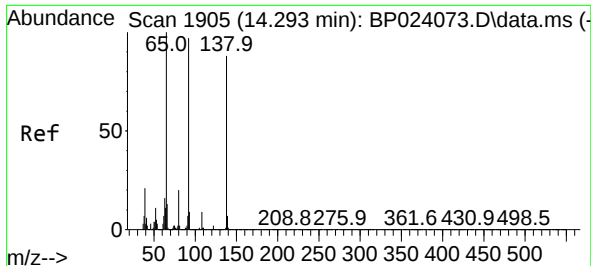
Tgt Ion:165 Resp: 701474
Ion Ratio Lower Upper
165 100
63 46.7 40.1 60.1
89 51.8 44.2 66.4



#52
Acenaphthene
Concen: 44.082 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:154 Resp: 2526518
Ion Ratio Lower Upper
154 100
153 113.1 90.6 135.8
152 53.8 43.6 65.4

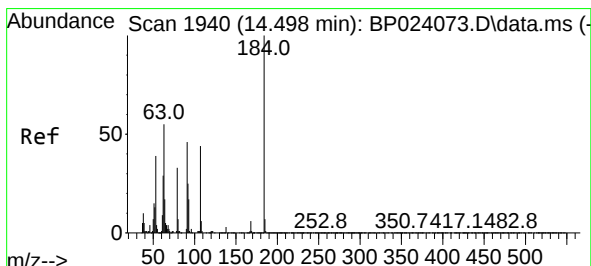
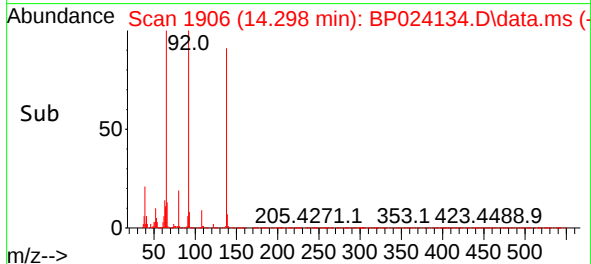
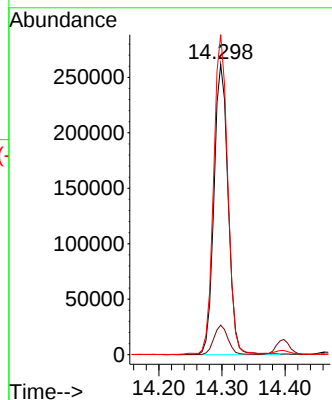
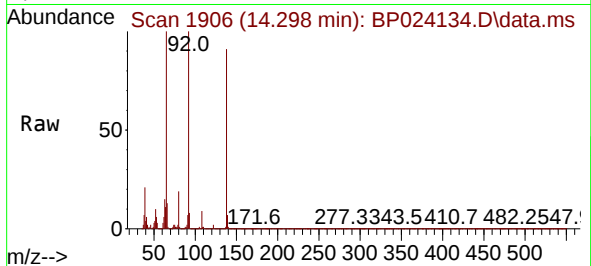




#53
3-Nitroaniline
Concen: 25.739 ng
RT: 14.298 min Scan# 1905
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

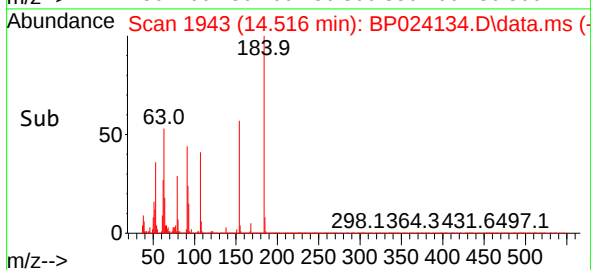
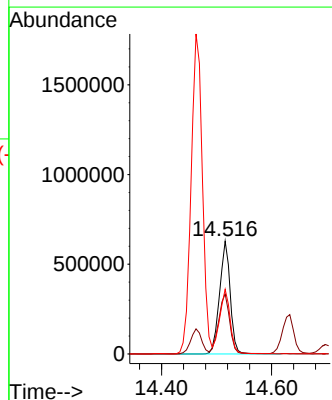
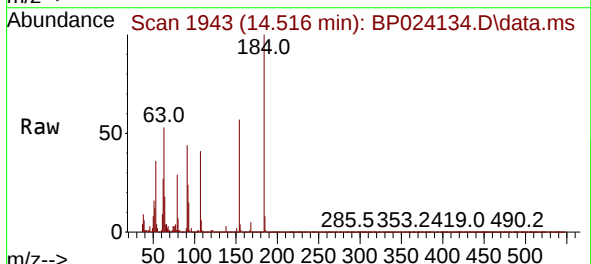
Instrument :
BNA_P
ClientSampleId :
PB166890BS

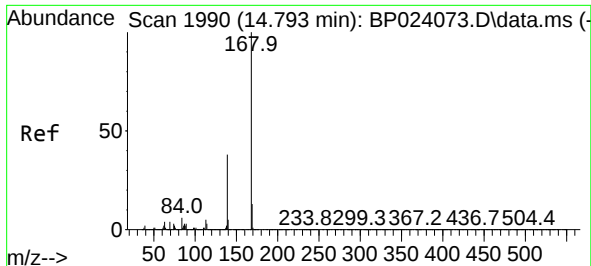
Tgt Ion:138 Resp: 405860
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.8
92 110.2 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 86.262 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.018 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:184 Resp: 846944
Ion Ratio Lower Upper
184 100
63 53.2 49.4 74.0
154 57.3 49.2 73.8

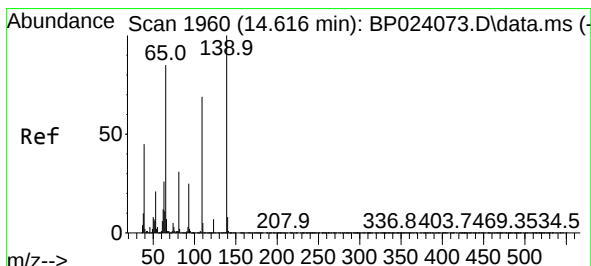
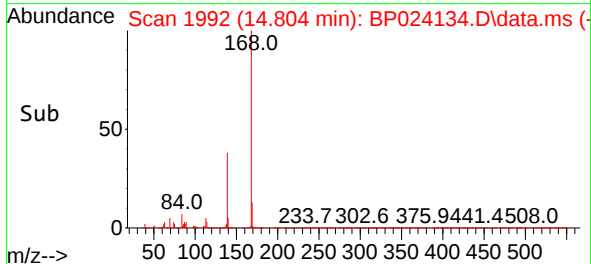
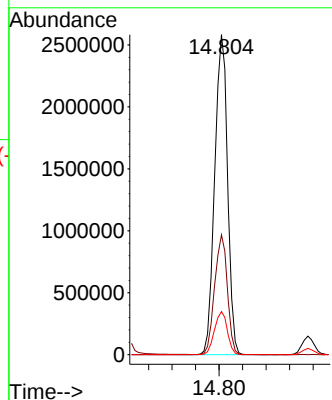
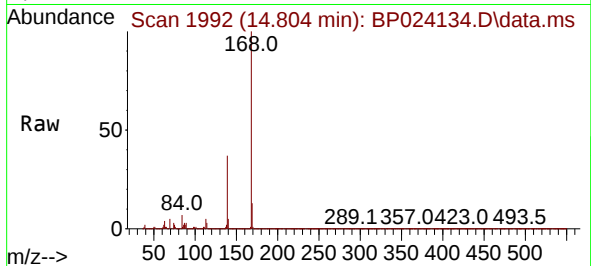




#55
Dibenzofuran
Concen: 41.985 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

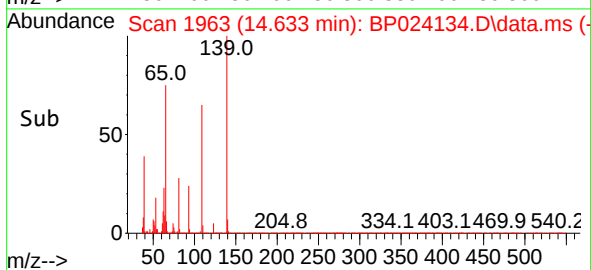
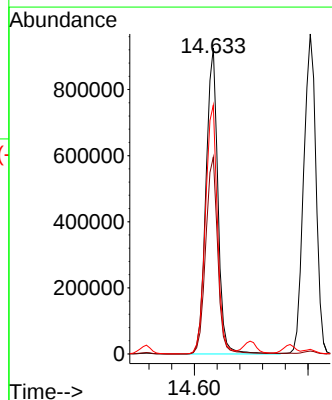
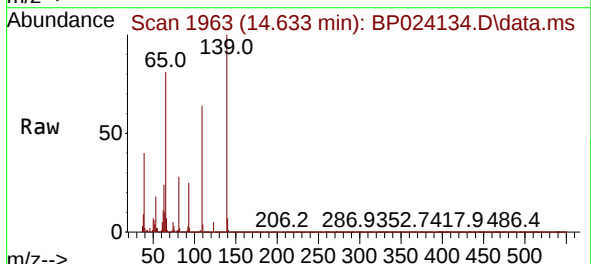
Instrument :
BNA_P
ClientSampleId :
PB166890BS

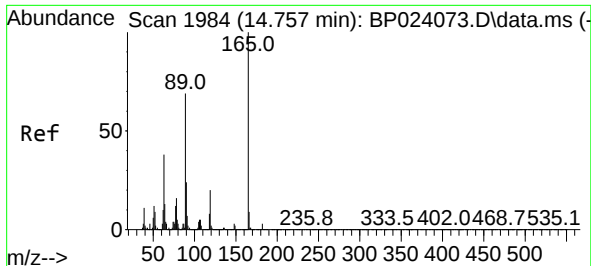
Tgt Ion:168 Resp: 3909060
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 99.019 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.017 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:139 Resp: 1348699
Ion Ratio Lower Upper
139 100
109 64.4 49.2 89.2
65 81.3 65.4 105.4

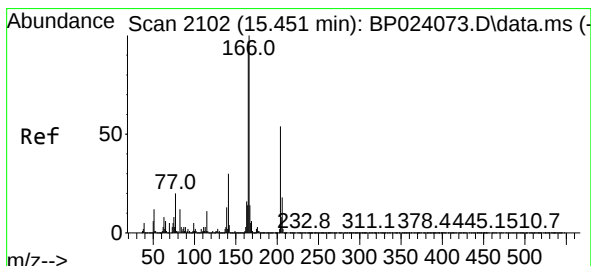
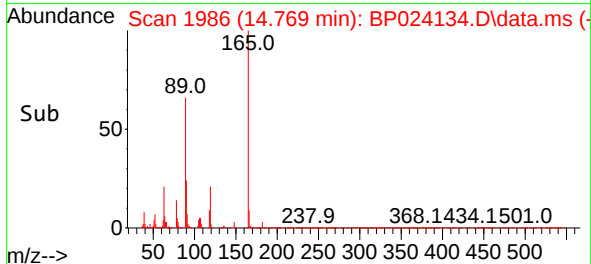
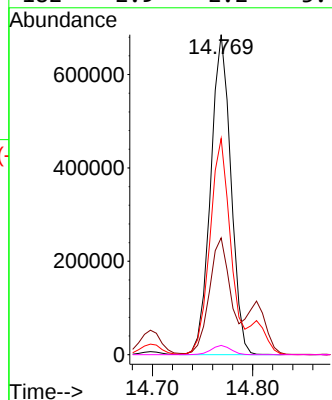
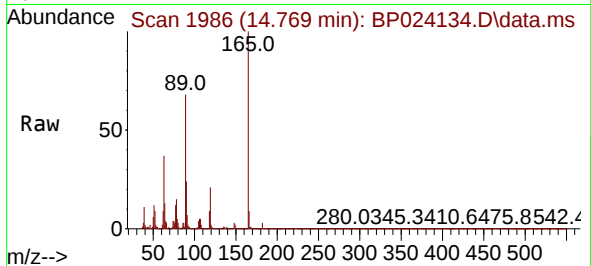




#57
2,4-Dinitrotoluene
Concen: 49.971 ng
RT: 14.769 min Scan# 1984
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

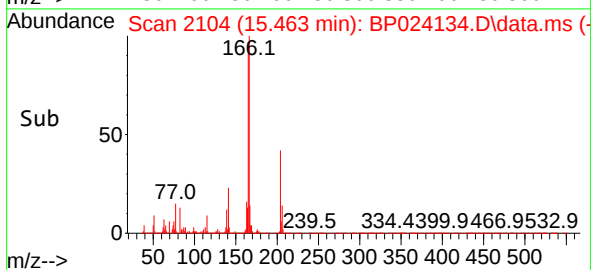
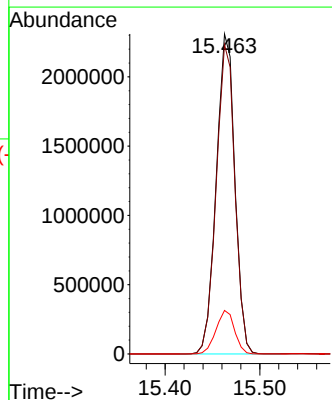
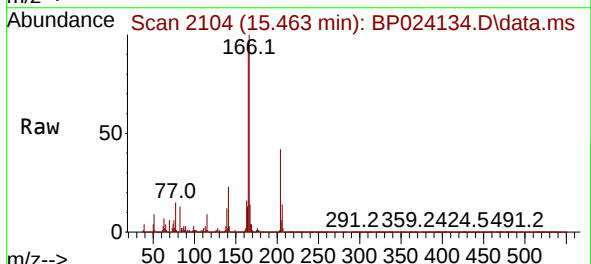
Instrument :
BNA_P
ClientSampleId :
PB166890BS

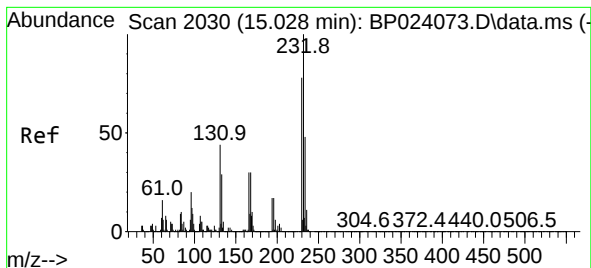
Tgt Ion:165 Resp: 959216
Ion Ratio Lower Upper
165 100
63 36.5 30.4 45.6
89 67.6 54.8 82.2
182 2.9 2.2 3.4



#58
Fluorene
Concen: 43.340 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:166 Resp: 3151446
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.6 10.9 16.3

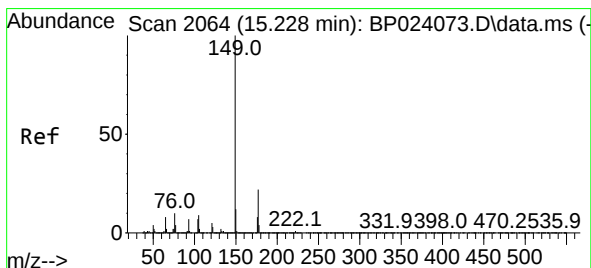
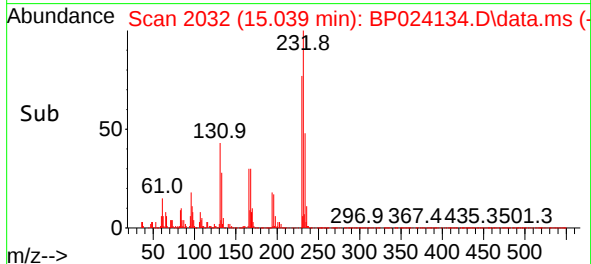
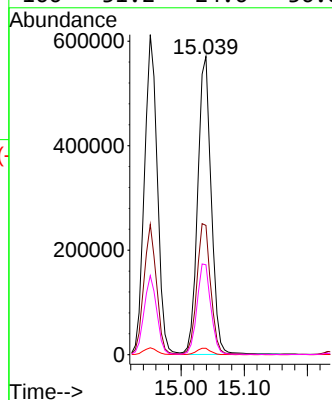
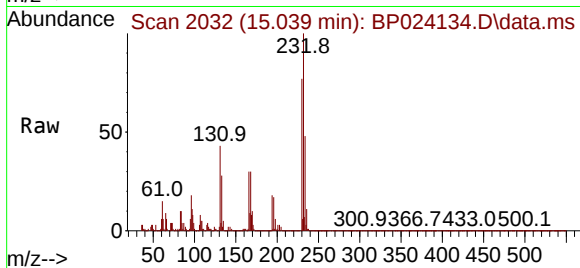




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.209 ng
RT: 15.039 min Scan# 2032
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

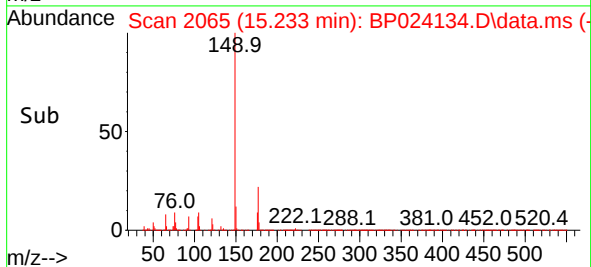
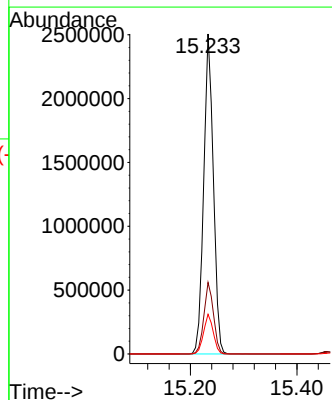
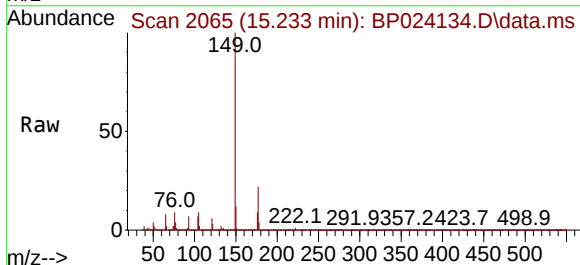
Instrument :
BNA_P
ClientSampleId :
PB166890BS

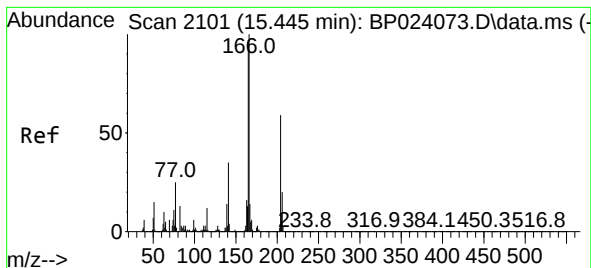
Tgt Ion:232 Resp: 844894
Ion Ratio Lower Upper
232 100
131 44.6 37.3 55.9
130 2.2 1.9 2.9
166 31.2 24.6 36.8



#60
Diethylphthalate
Concen: 43.643 ng
RT: 15.233 min Scan# 2065
Delta R.T. 0.005 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:149 Resp: 3142713
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.4 9.8 14.6

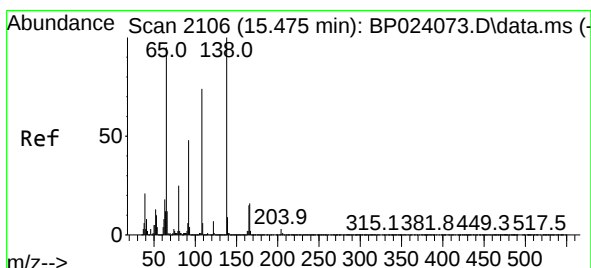
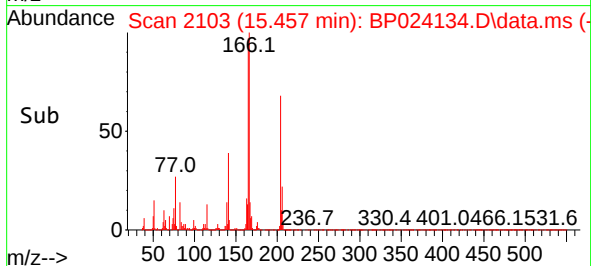
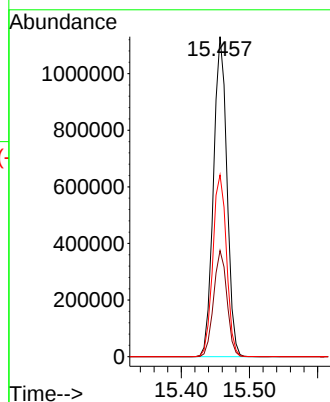
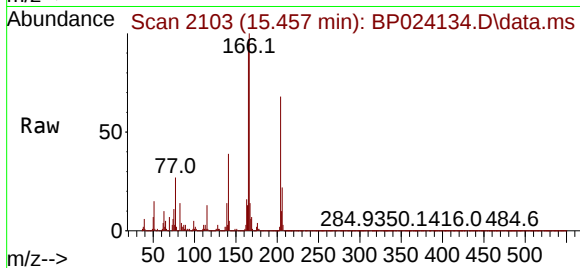




#61
4-Chlorophenyl-phenylether
Concen: 43.416 ng
RT: 15.457 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

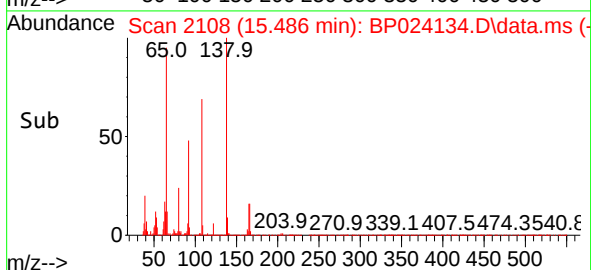
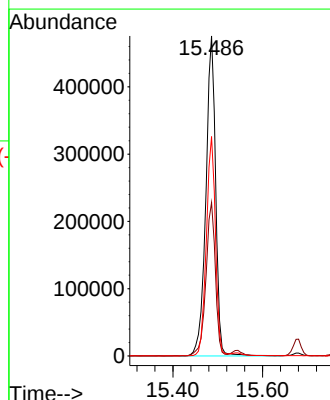
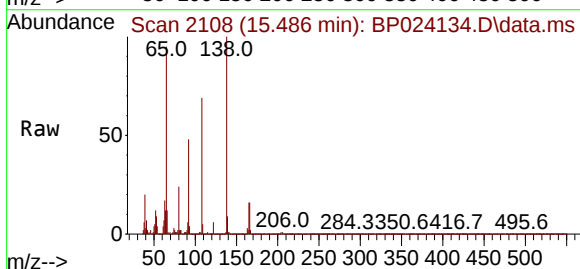
Instrument :
BNA_P
ClientSampleId :
PB166890BS

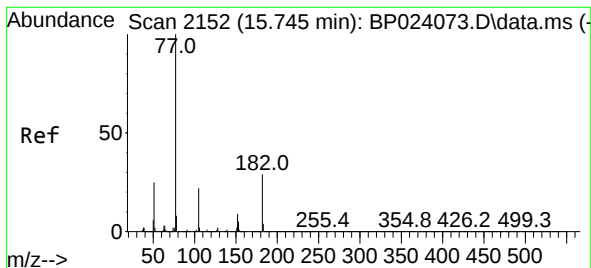
Tgt Ion:204 Resp: 1553905
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 56.8 47.8 71.6



#62
4-Nitroaniline
Concen: 39.159 ng
RT: 15.486 min Scan# 2108
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:138 Resp: 718871
Ion Ratio Lower Upper
138 100
92 48.0 28.3 68.3
108 68.6 54.0 94.0





#63

Azobenzene

Concen: 43.629 ng

RT: 15.757 min Scan# 2152

Delta R.T. 0.011 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

Tgt Ion: 77 Resp: 2944040

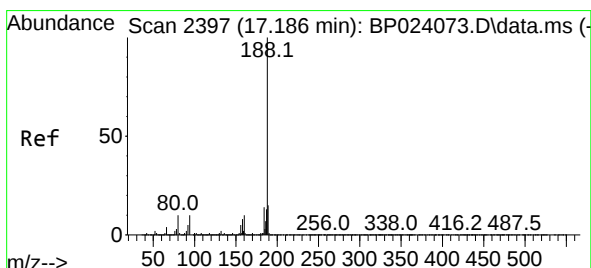
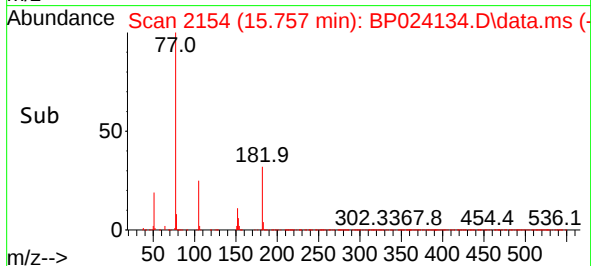
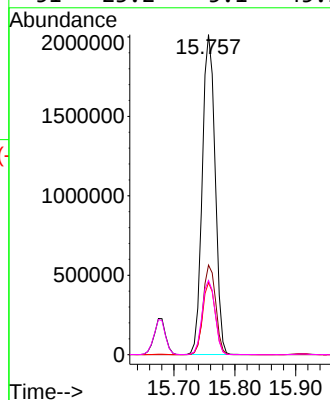
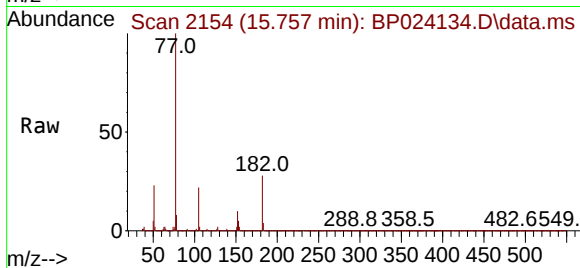
Ion Ratio Lower Upper

77 100

182 28.0 8.5 48.5

105 22.5 1.8 41.8

51 23.2 5.1 45.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2399

Delta R.T. 0.011 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

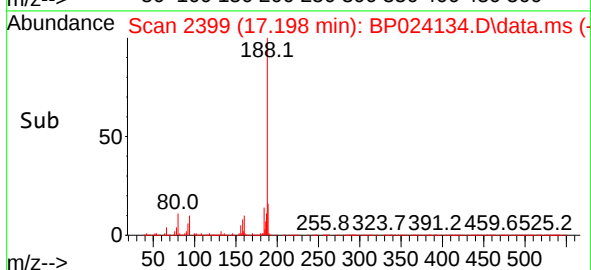
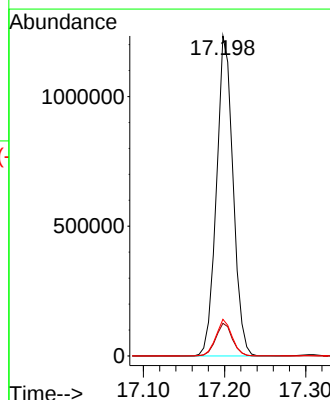
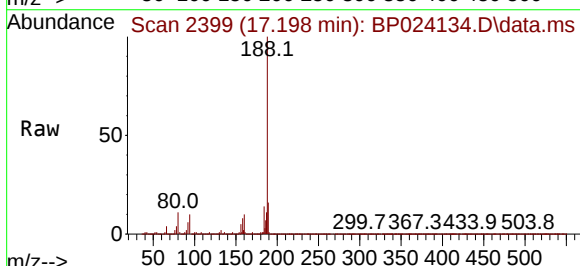
Tgt Ion:188 Resp: 1752193

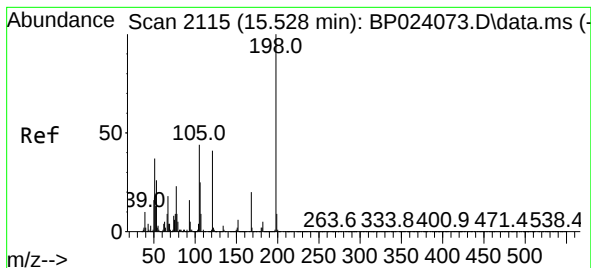
Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.5 8.2 12.2

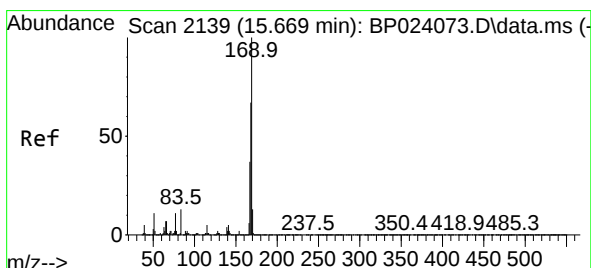
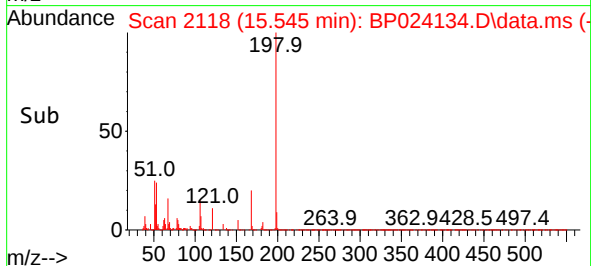
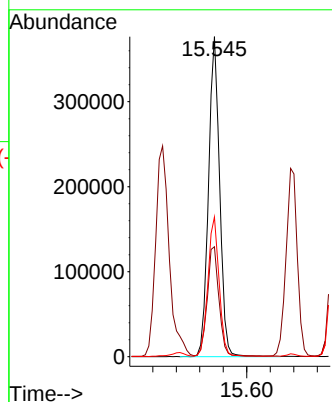
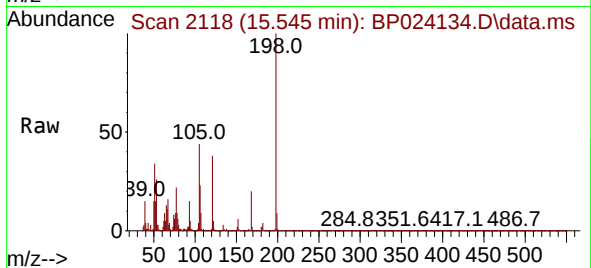




#65
4,6-Dinitro-2-methylphenol
Concen: 44.343 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.017 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

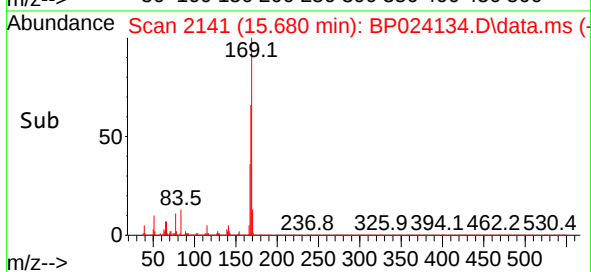
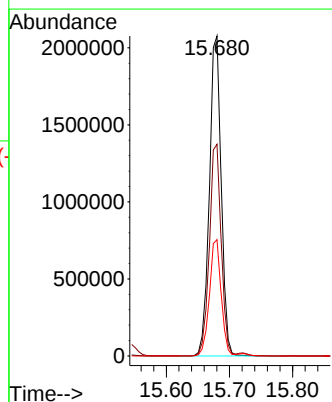
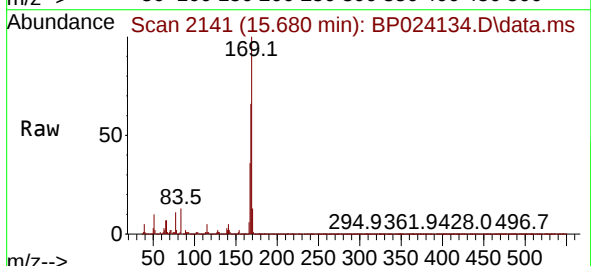
Instrument :
BNA_P
ClientSampleId :
PB166890BS

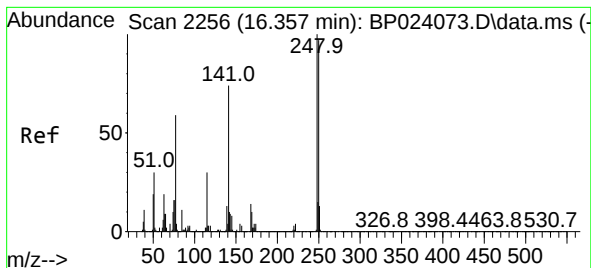
Tgt Ion:198 Resp: 493208
Ion Ratio Lower Upper
198 100
51 34.4 18.7 58.7
105 43.7 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 49.412 ng
RT: 15.680 min Scan# 2141
Delta R.T. 0.011 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:169 Resp: 2699968
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.4 29.5 44.3

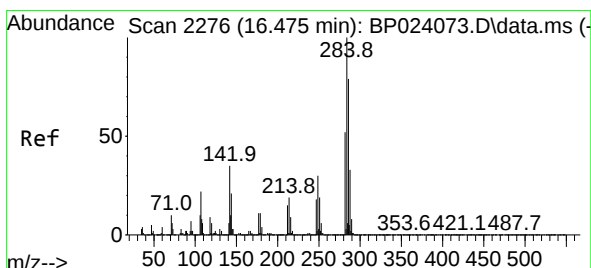
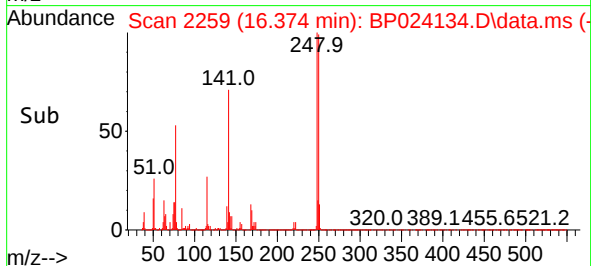
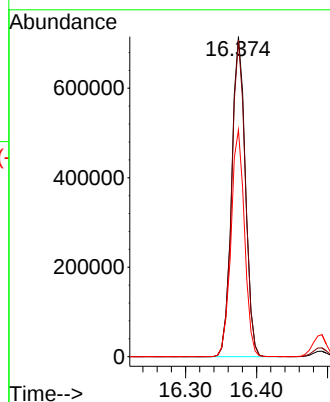
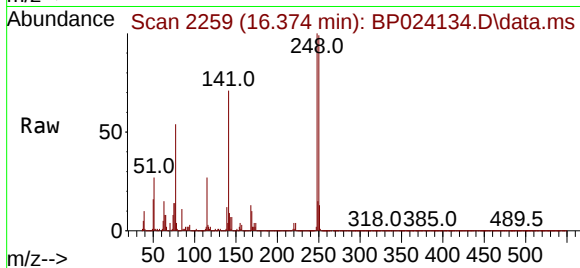




#67
4-Bromophenyl-phenylether
Concen: 48.738 ng
RT: 16.374 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

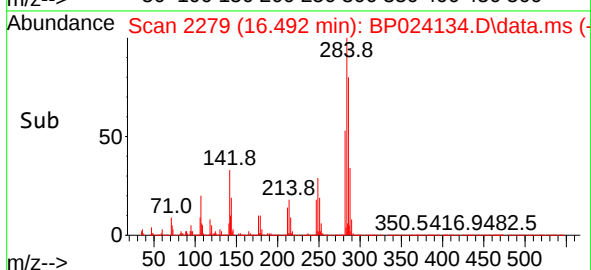
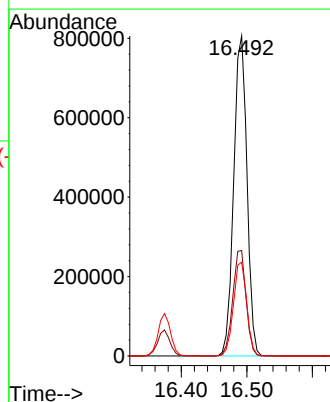
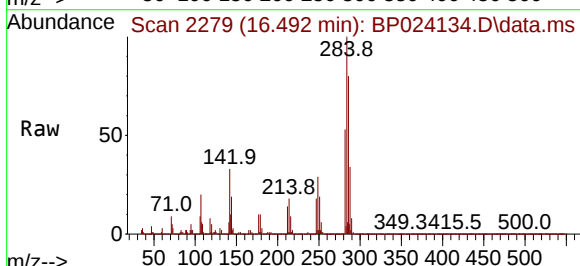
Instrument :
BNA_P
ClientSampleId :
PB166890BS

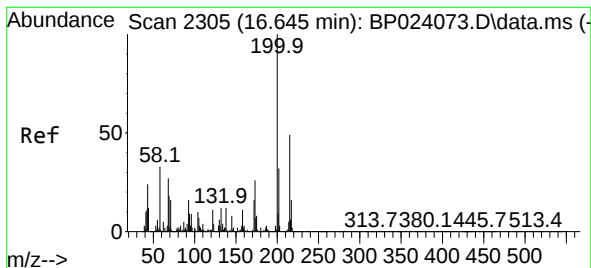
Tgt Ion:248 Resp: 958976
Ion Ratio Lower Upper
248 100
250 98.9 77.9 116.9
141 70.9 58.8 88.2



#68
Hexachlorobenzene
Concen: 48.878 ng
RT: 16.492 min Scan# 2279
Delta R.T. 0.017 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:284 Resp: 1131645
Ion Ratio Lower Upper
284 100
142 33.0 27.7 41.5
249 29.3 23.8 35.6





#69

Atrazine

Concen: 71.472 ng

RT: 16.663 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

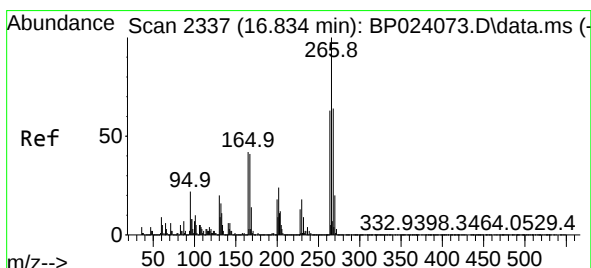
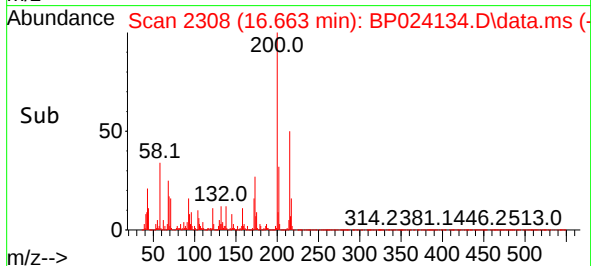
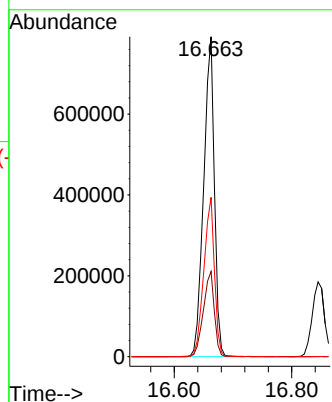
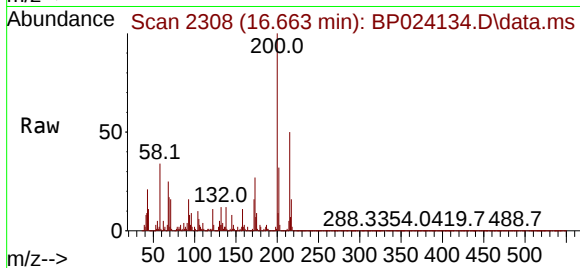
Tgt Ion:200 Resp: 1002222

Ion Ratio Lower Upper

200 100

173 26.6 5.7 45.7

215 49.8 28.7 68.7



#70

Pentachlorophenol

Concen: 101.878 ng

RT: 16.845 min Scan# 2339

Delta R.T. 0.011 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

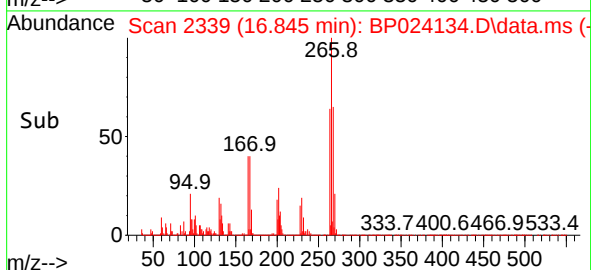
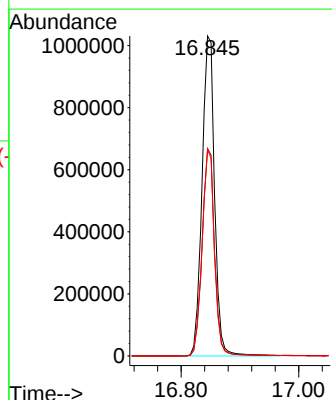
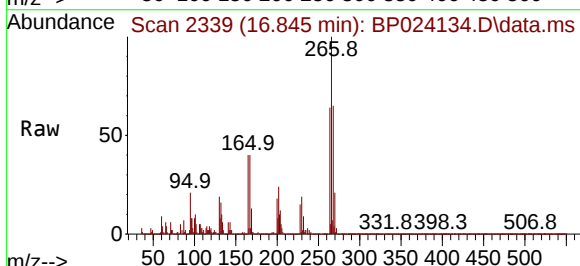
Tgt Ion:266 Resp: 1531980

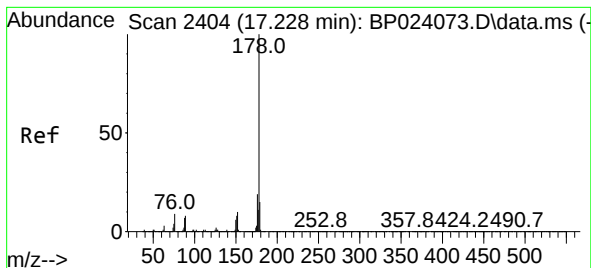
Ion Ratio Lower Upper

266 100

268 64.8 51.3 76.9

264 64.5 50.5 75.7





#71

Phenanthrene

Concen: 45.201 ng

RT: 17.245 min Scan# 2404

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

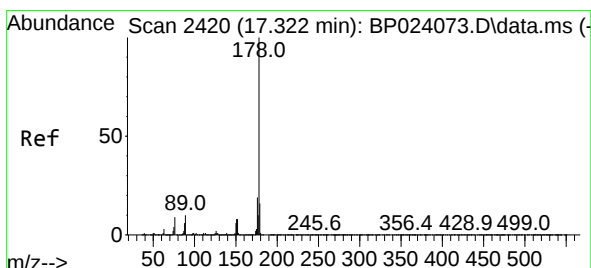
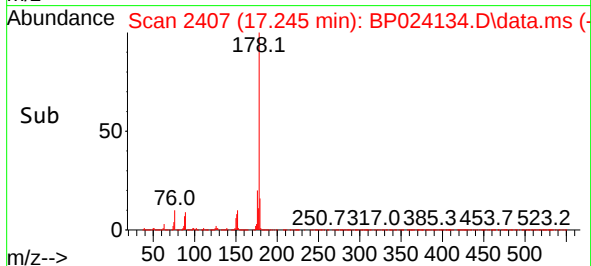
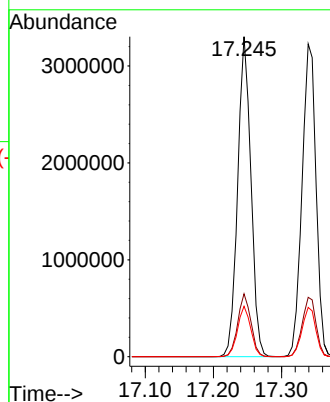
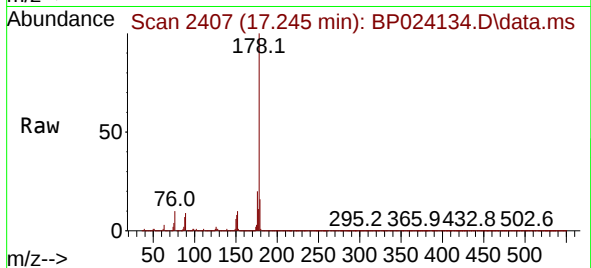
Tgt Ion:178 Resp: 4465261

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 48.827 ng

RT: 17.339 min Scan# 2423

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

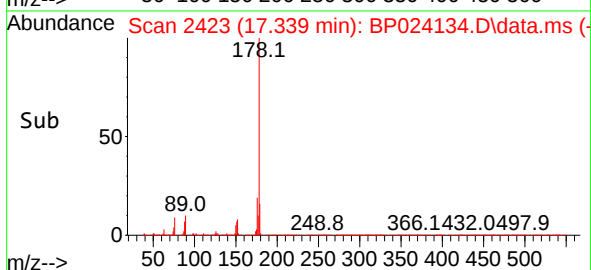
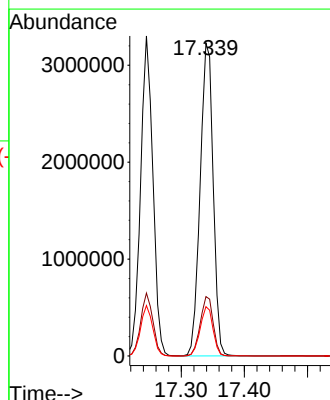
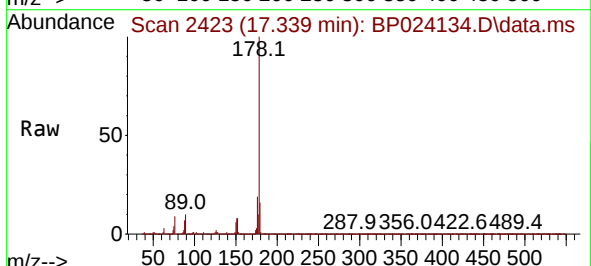
Tgt Ion:178 Resp: 4622266

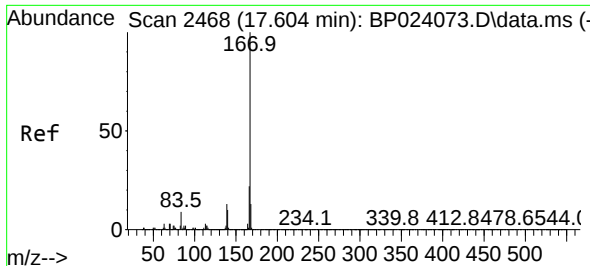
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.7 12.6 19.0

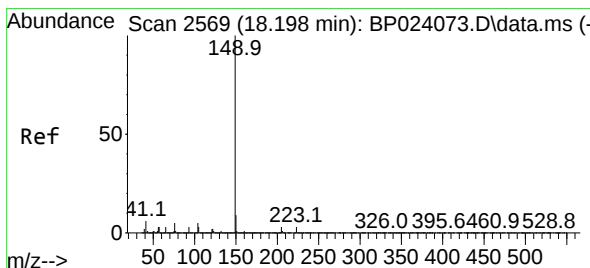
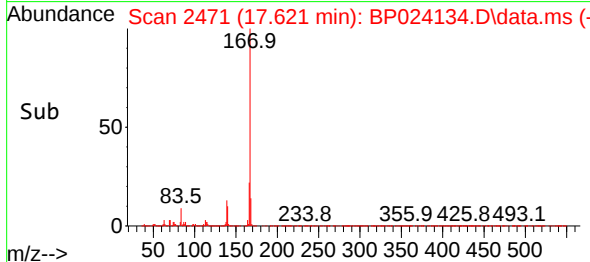
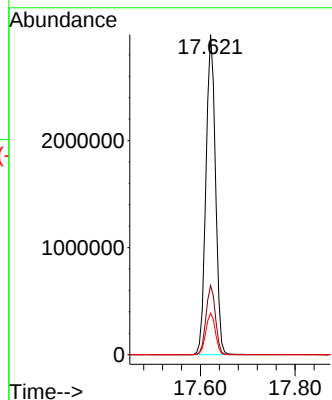
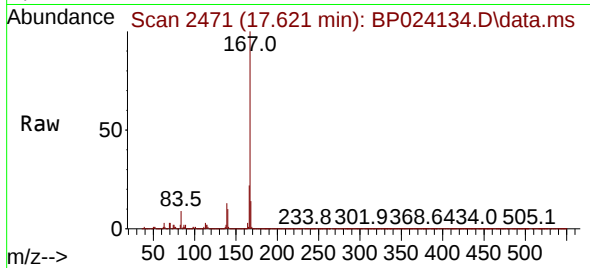




#73
 Carbazole
 Concen: 46.231 ng
 RT: 17.621 min Scan# 2468
 Delta R.T. 0.017 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

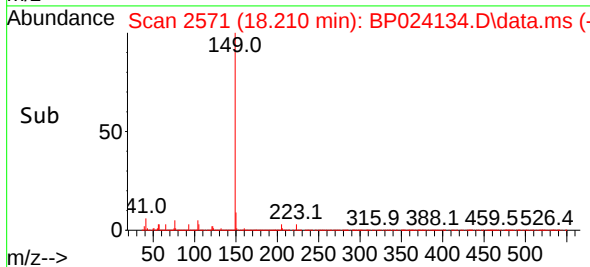
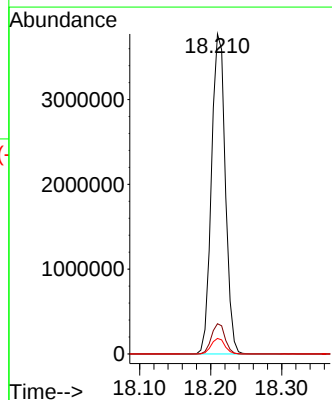
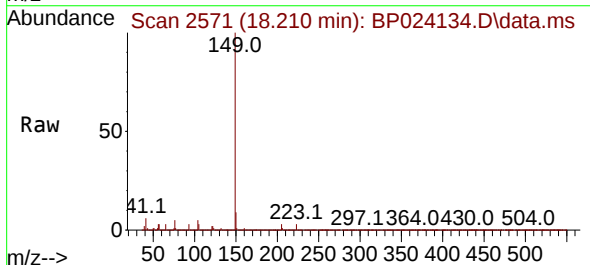
Instrument :
 BNA_P
 ClientSampleId :
 PB166890BS

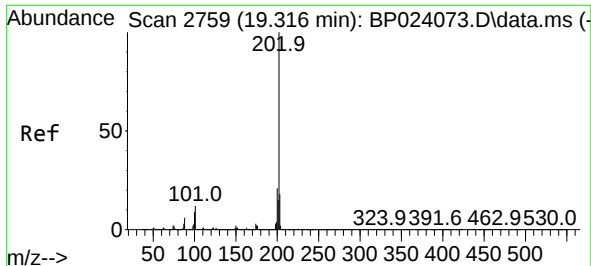
Tgt Ion:167 Resp: 4169912
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.0 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 48.582 ng
 RT: 18.210 min Scan# 2571
 Delta R.T. 0.011 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

Tgt Ion:149 Resp: 5112979
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.9 4.2 6.2

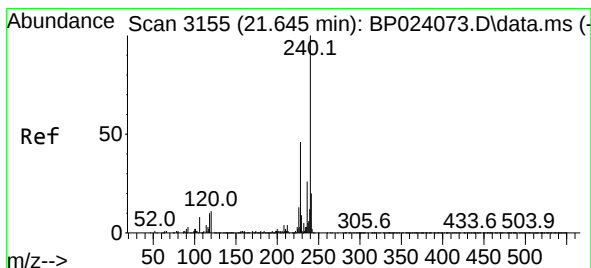
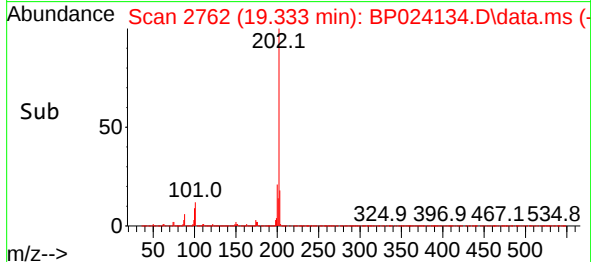
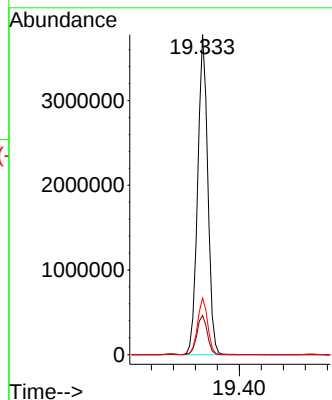
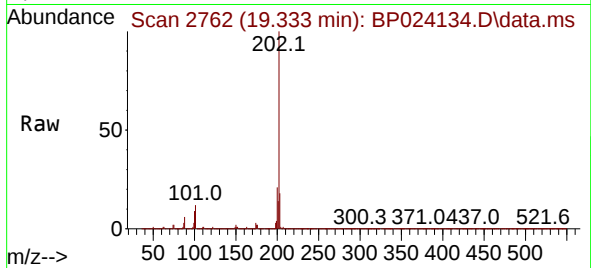




#75
Fluoranthene
Concen: 43.091 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

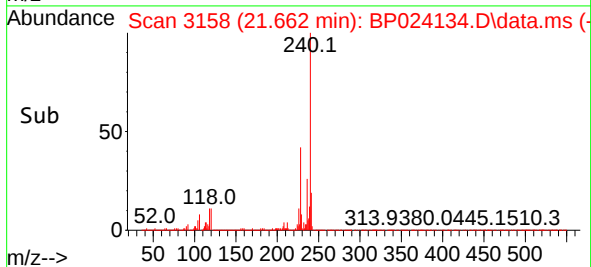
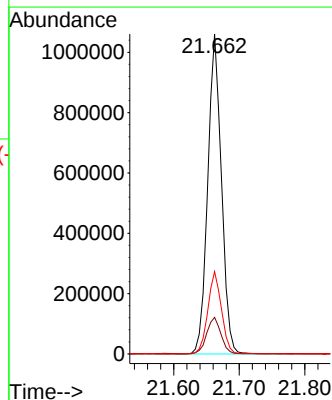
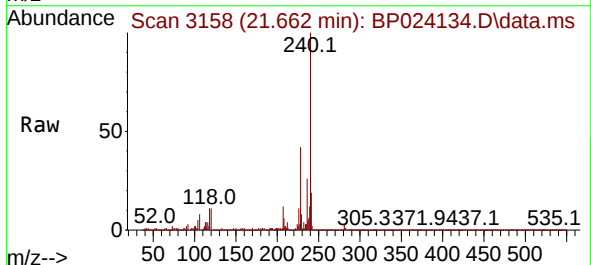
Instrument :
BNA_P
ClientSampleId :
PB166890BS

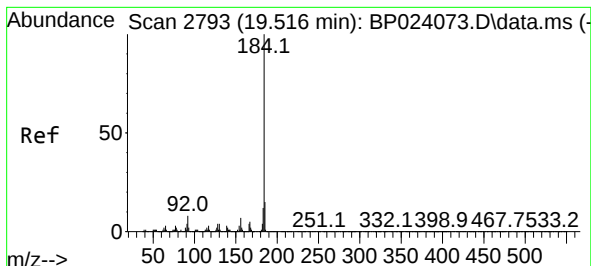
Tgt Ion:202 Resp: 4814822
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.9
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.662 min Scan# 3158
Delta R.T. 0.017 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:240 Resp: 1541028
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.8 20.7 31.1





#77

Benzidine

Concen: 94.722 ng

RT: 19.533 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

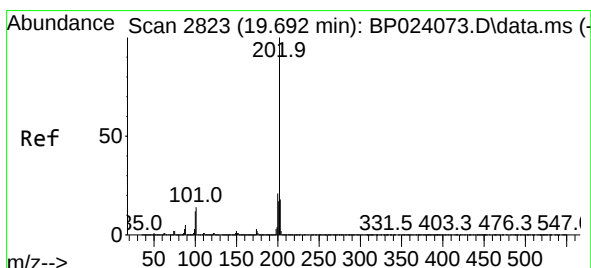
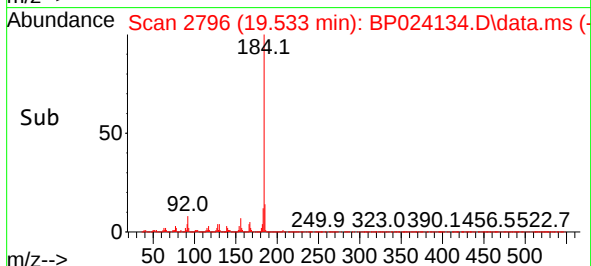
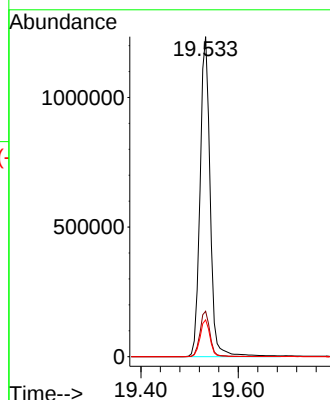
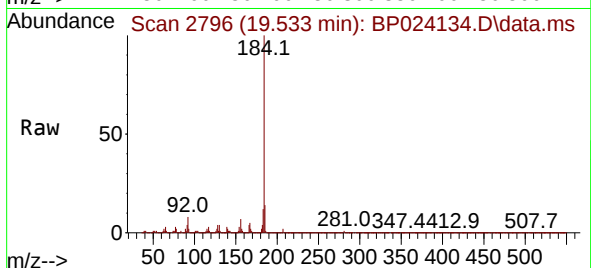
Tgt Ion:184 Resp: 1778709

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 49.849 ng

RT: 19.709 min Scan# 2826

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

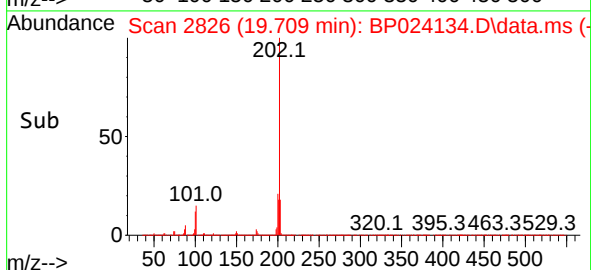
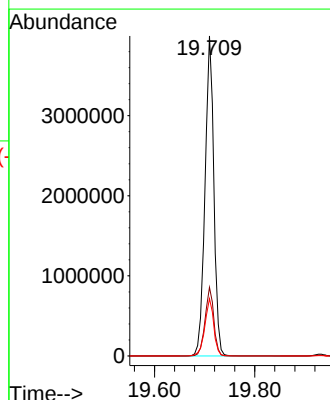
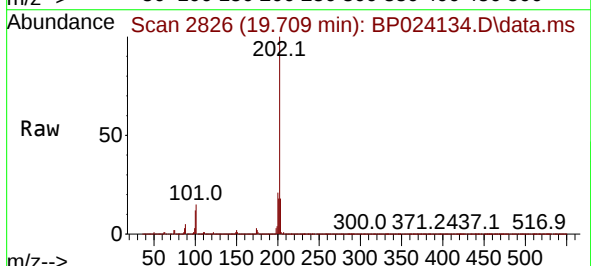
Tgt Ion:202 Resp: 4879471

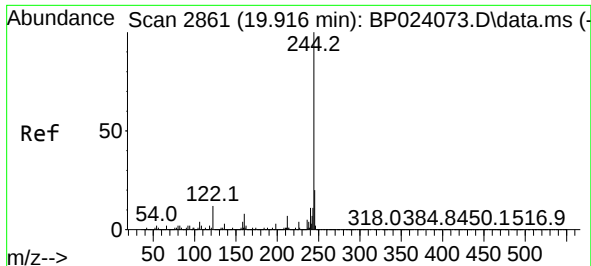
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.9 14.4 21.6

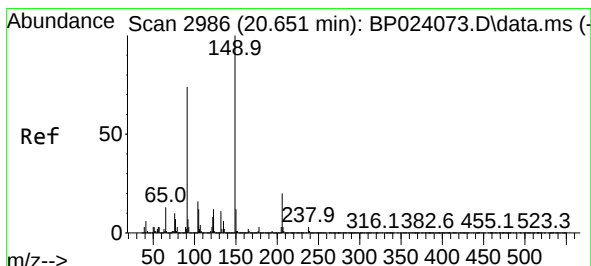
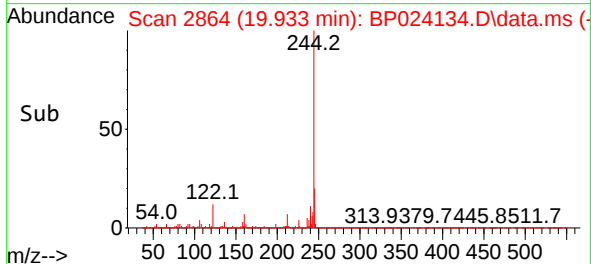
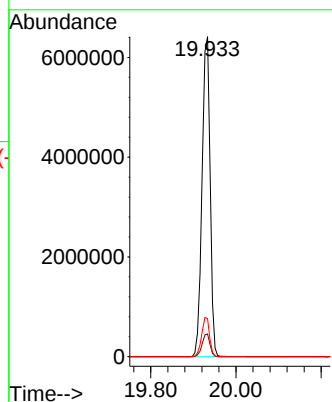
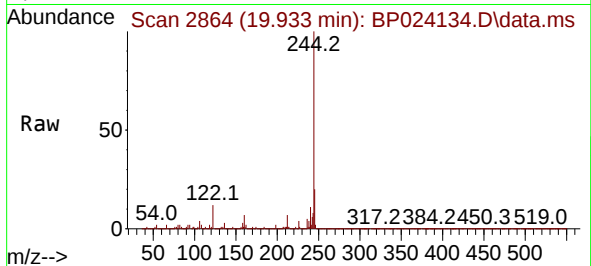




#79
 Terphenyl-d14
 Concen: 108.366 ng
 RT: 19.933 min Scan# 2864
 Delta R.T. 0.017 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

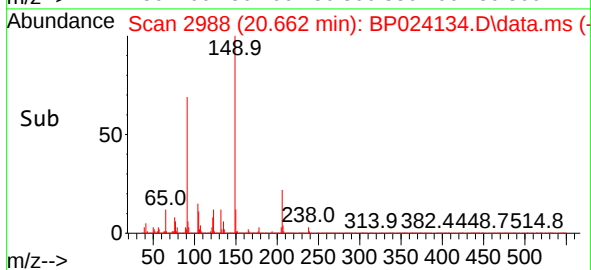
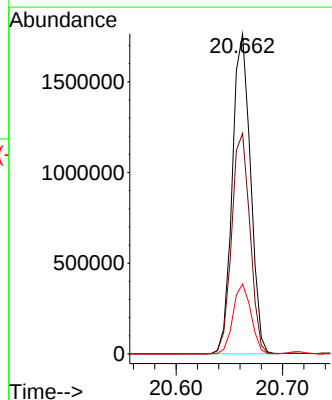
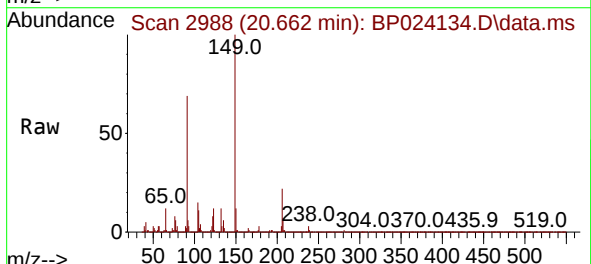
Instrument :
 BNA_P
 ClientSampleId :
 PB166890BS

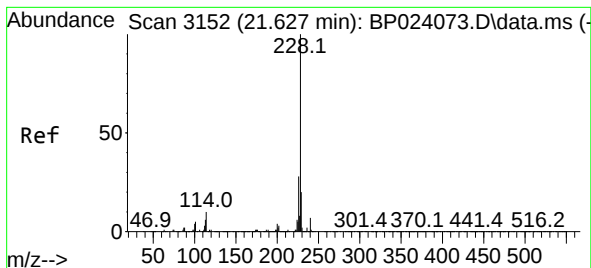
Tgt Ion:244 Resp: 8439474
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.9 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 55.866 ng
 RT: 20.662 min Scan# 2988
 Delta R.T. 0.011 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

Tgt Ion:149 Resp: 2095486
 Ion Ratio Lower Upper
 149 100
 91 68.9 59.4 89.0
 206 21.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.413 ng

RT: 21.645 min Scan# 3155

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

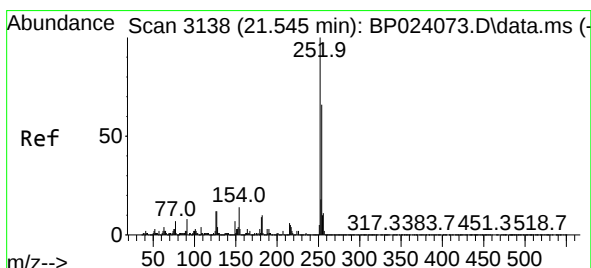
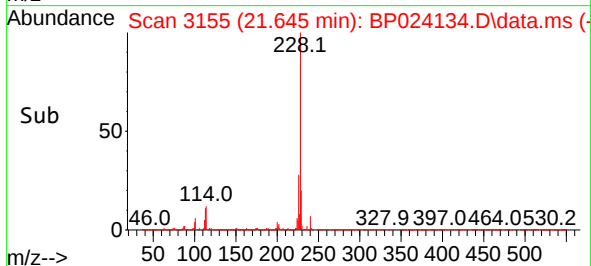
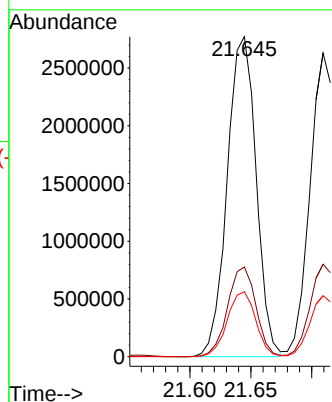
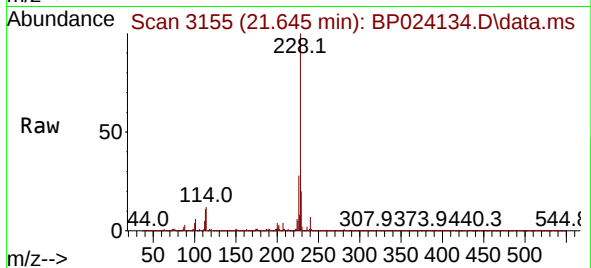
Tgt Ion:228 Resp: 4581522

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.4

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.180 ng

RT: 21.556 min Scan# 3140

Delta R.T. 0.011 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

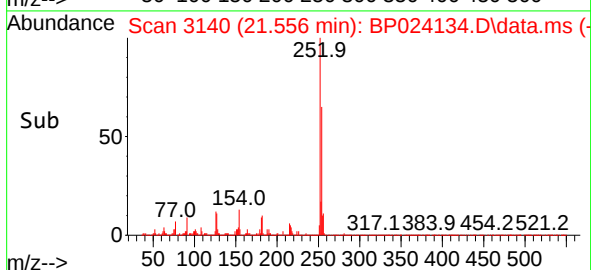
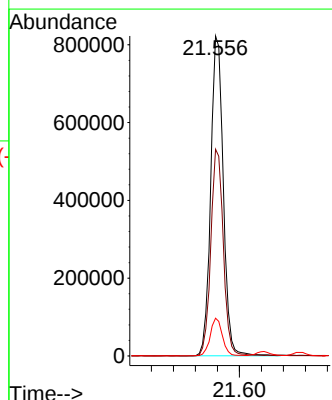
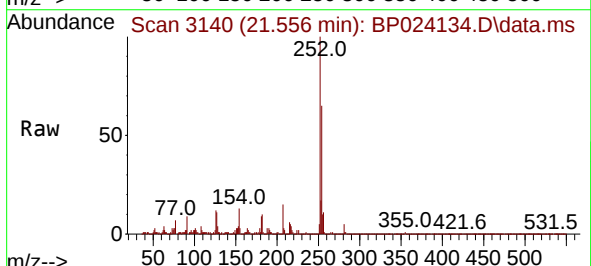
Tgt Ion:252 Resp: 1303834

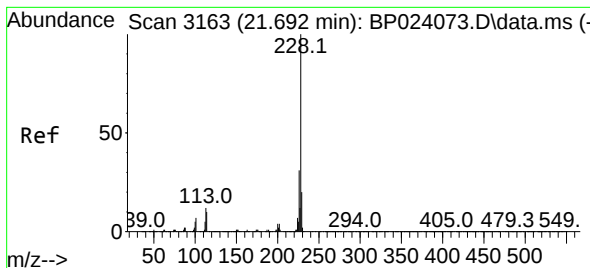
Ion Ratio Lower Upper

252 100

254 64.6 52.4 78.6

126 11.8 9.6 14.4





#83

Chrysene

Concen: 45.738 ng

RT: 21.709 min Scan# 3166

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

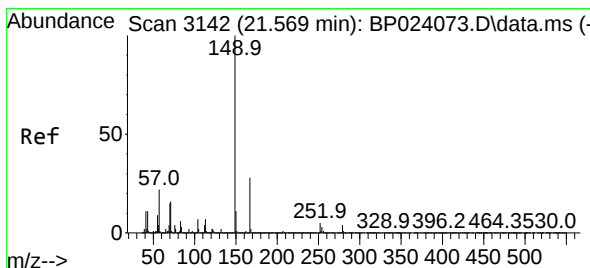
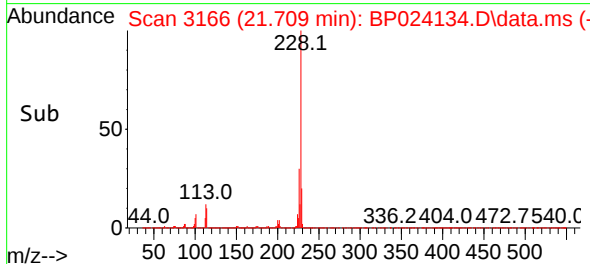
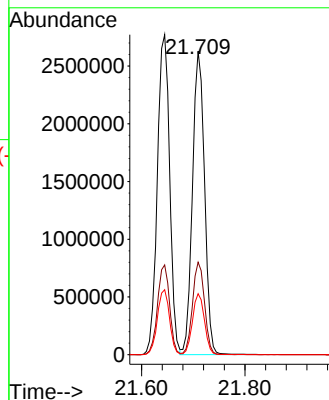
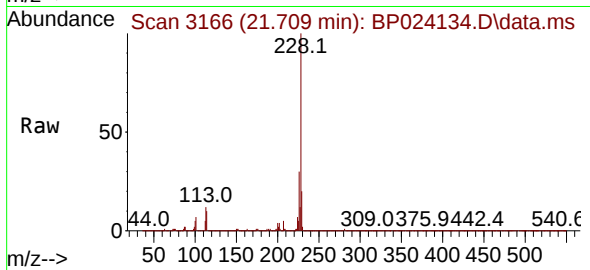
Tgt Ion:228 Resp: 4261827

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.877 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

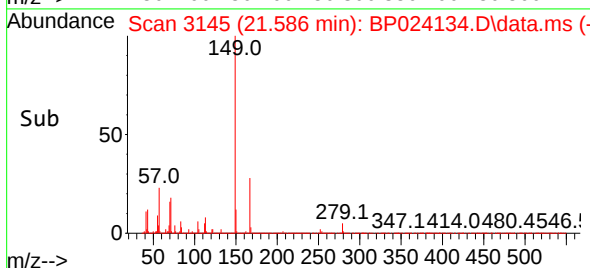
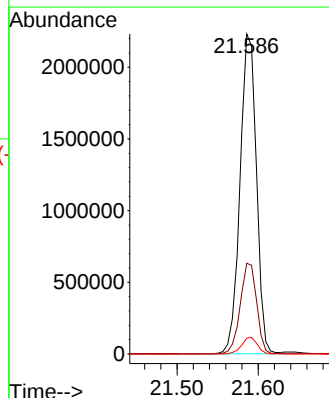
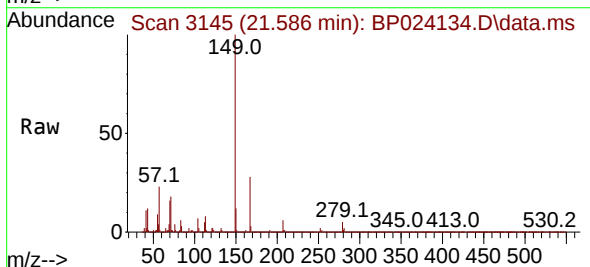
Tgt Ion:149 Resp: 3121377

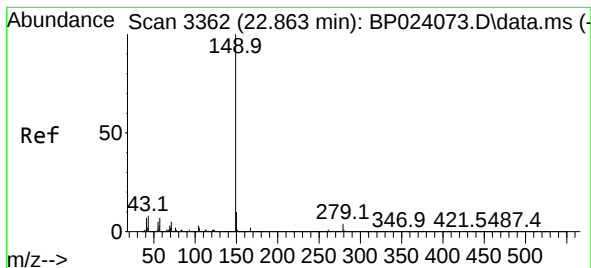
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 56.949 ng

RT: 22.880 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

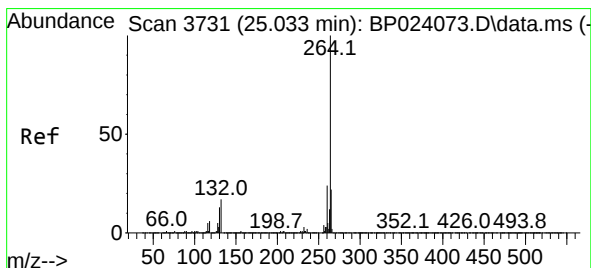
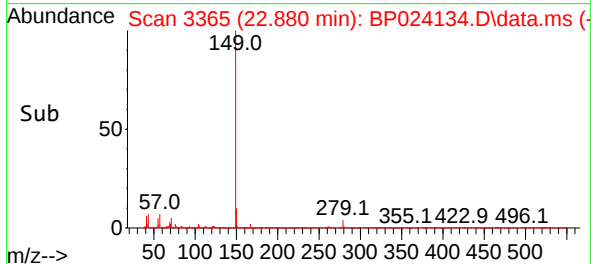
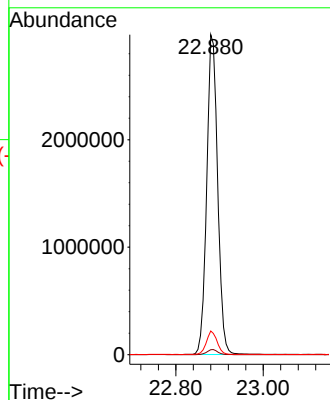
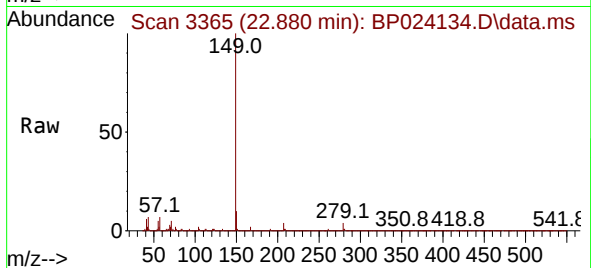
Tgt Ion:149 Resp: 5177725

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.062 min Scan# 3736

Delta R.T. 0.029 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

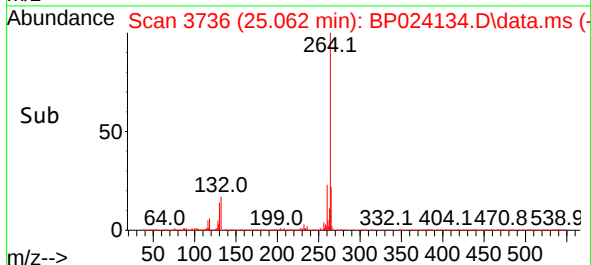
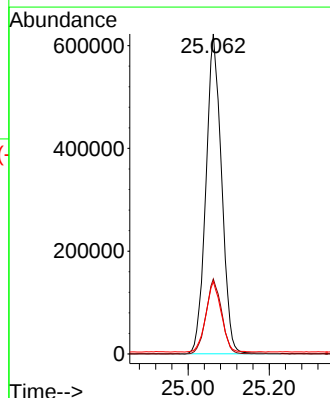
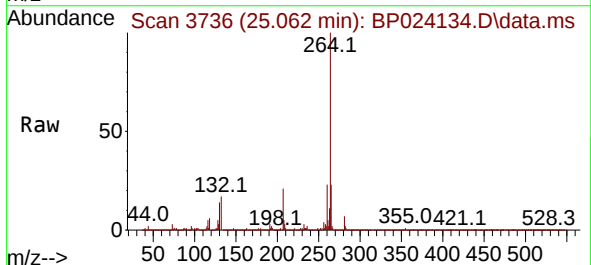
Tgt Ion:264 Resp: 1658400

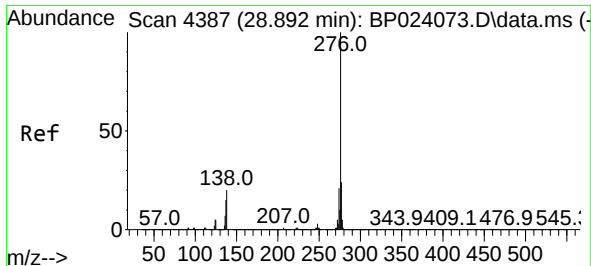
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.6 17.8 26.8

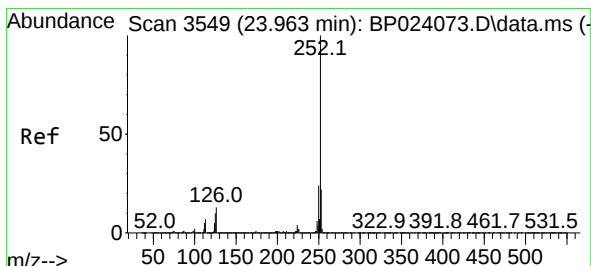
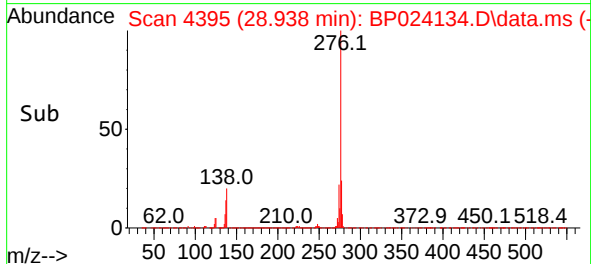
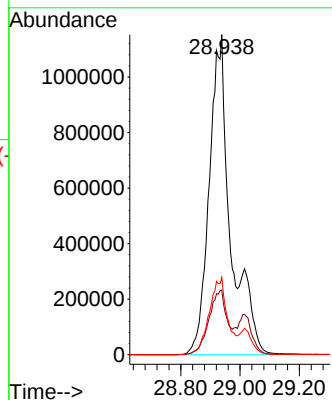
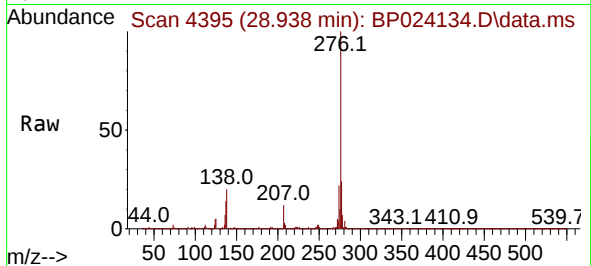




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.035 ng m
 RT: 28.938 min Scan# 41
 Delta R.T. 0.047 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

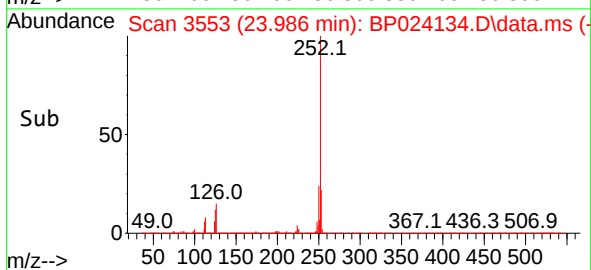
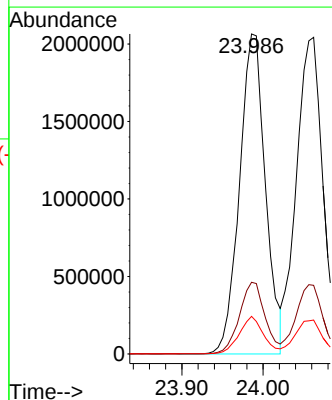
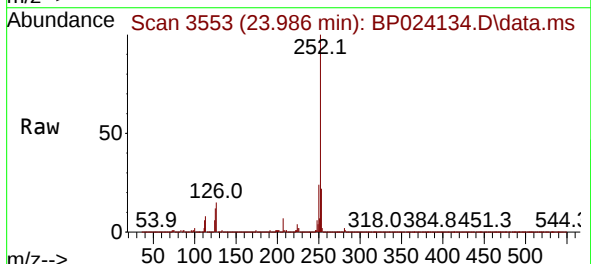
Instrument :
 BNA_P
 ClientSampleId :
 PB166890BS

Tgt Ion:276 Resp: 5785205
 Ion Ratio Lower Upper
 276 100
 138 17.0 14.2 21.4
 277 20.6 16.2 24.4



#88
 Benzo(b)fluoranthene
 Concen: 43.462 ng
 RT: 23.986 min Scan# 3553
 Delta R.T. 0.023 min
 Lab File: BP024134.D
 Acq: 28 Feb 2025 14:12

Tgt Ion:252 Resp: 4577077
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.6
 125 11.8 8.4 12.6

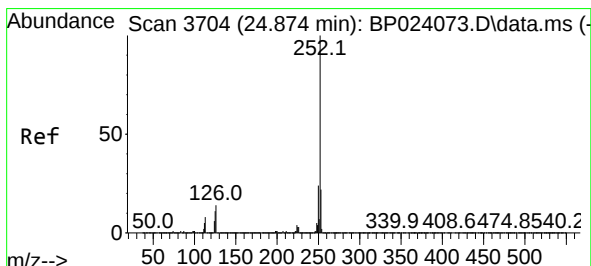
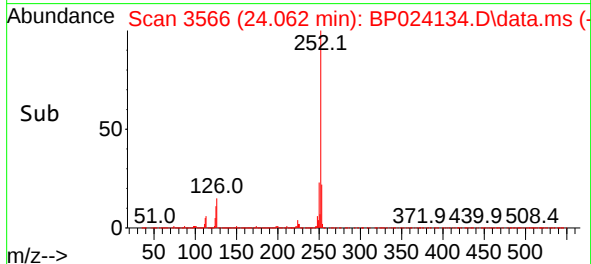
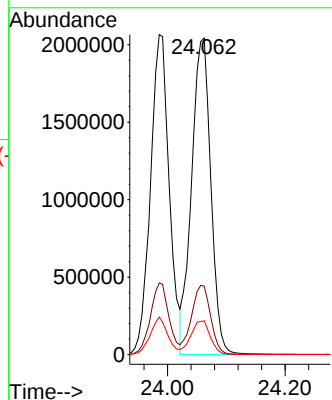
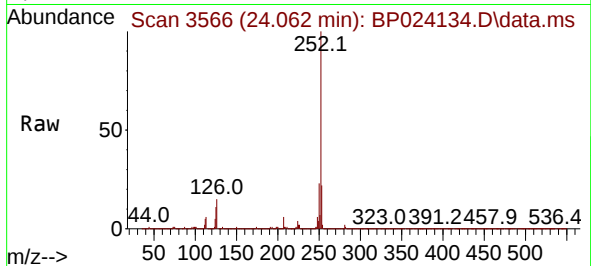




#89
Benzo(k)fluoranthene
Concen: 45.164 ng
RT: 24.062 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

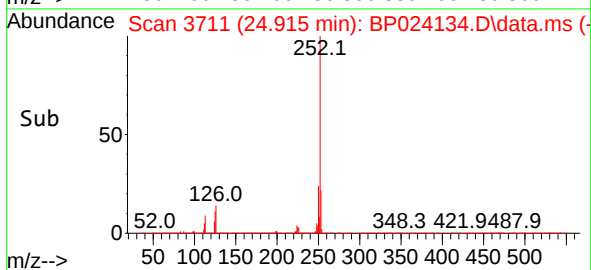
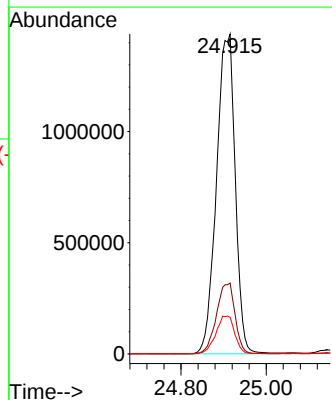
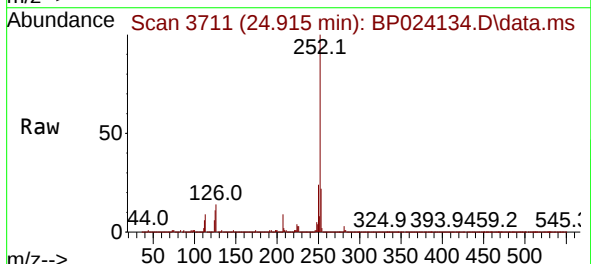
Instrument :
BNA_P
ClientSampleId :
PB166890BS

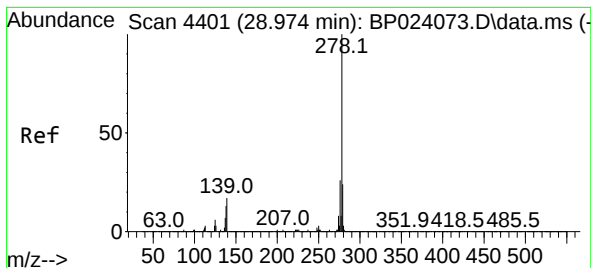
Tgt Ion:252 Resp: 4629641
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 49.154 ng
RT: 24.915 min Scan# 3711
Delta R.T. 0.041 min
Lab File: BP024134.D
Acq: 28 Feb 2025 14:12

Tgt Ion:252 Resp: 4393124
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.146 ng

RT: 29.015 min Scan# 4401

Delta R.T. 0.041 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PB166890BS

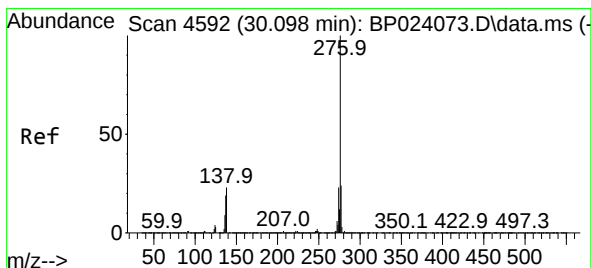
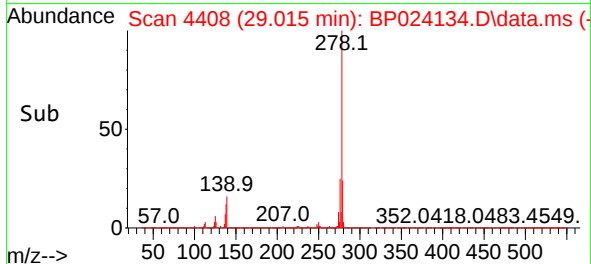
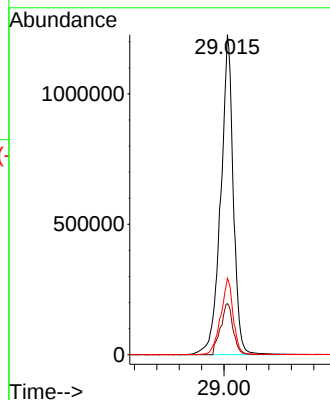
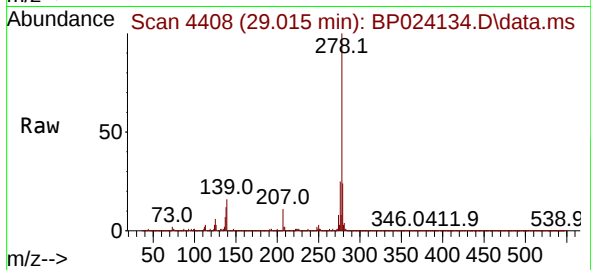
Tgt Ion:278 Resp: 4776131

Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.0

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.969 ng

RT: 30.109 min Scan# 4594

Delta R.T. 0.011 min

Lab File: BP024134.D

Acq: 28 Feb 2025 14:12

Tgt Ion:276 Resp: 4526778

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 22.3 18.1 27.1

