

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024890.D
 Acq On : 10 Jun 2025 12:14
 Operator : RC/JU
 Sample : PB168321BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168321BS

Quant Time: Jun 10 12:45:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	214820	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	841828	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	497248	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	957018	20.000	ng	-0.02
76) Chrysene-d12	21.471	240	1068770	20.000	ng	-0.01
86) Perylene-d12	24.724	264	1334408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1962820	152.516	ng	0.00
7) Phenol-d6	6.813	99	2434716	142.984	ng	0.00
23) Nitrobenzene-d5	8.760	82	1485402	85.742	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1030160	149.847	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	3169651	85.871	ng	0.00
79) Terphenyl-d14	19.771	244	5094182	85.426	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.166	88	231680	40.913	ng	98
3) Pyridine	3.561	79	614382	45.114	ng	98
4) n-Nitrosodimethylamine	3.478	42	270031	48.501	ng	98
6) Aniline	6.949	93	660979	30.417	ng	99
8) 2-Chlorophenol	7.184	128	748812	51.326	ng	99
9) Benzaldehyde	6.766	77	377188	38.431	ng	99
10) Phenol	6.837	94	903082	51.446	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	663220	48.037	ng	98
12) 1,3-Dichlorobenzene	7.496	146	786416	48.319	ng	99
13) 1,4-Dichlorobenzene	7.643	146	805989	49.080	ng	99
14) 1,2-Dichlorobenzene	7.954	146	773650	47.975	ng	99
15) Benzyl Alcohol	7.854	79	629658	48.182	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	813812	45.035	ng	98
17) 2-Methylphenol	8.066	107	603097	49.200	ng	100
18) Hexachloroethane	8.666	117	292770	47.353	ng	97
19) n-Nitroso-di-n-propyla...	8.407	70	505149	43.639	ng	99
20) 3+4-Methylphenols	8.396	107	805803	48.182	ng	97
22) Acetophenone	8.425	105	1042306	49.006	ng	98
24) Nitrobenzene	8.801	77	770874	50.088	ng	98
25) Isophorone	9.319	82	1370578	45.649	ng	100
26) 2-Nitrophenol	9.507	139	390958	51.484	ng	97
27) 2,4-Dimethylphenol	9.578	122	664532	51.133	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	835144	46.630	ng	98
29) 2,4-Dichlorophenol	10.054	162	653102	52.374	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	688137	48.926	ng	98
31) Naphthalene	10.425	128	2117281	49.079	ng	100
32) Benzoic acid	9.760	122	454106	51.707	ng	97
33) 4-Chloroaniline	10.554	127	421118	23.299	ng	100
34) Hexachlorobutadiene	10.707	225	419291	49.462	ng	99
35) Caprolactam	11.348	113	219383	47.794	ng	96
36) 4-Chloro-3-methylphenol	11.695	107	716553	49.819	ng	100
37) 2-Methylnaphthalene	12.042	142	1322039	48.311	ng	99
38) 1-Methylnaphthalene	12.266	142	1372037	46.897	ng	99
40) 1,2,4,5-Tetrachloroben...	12.413	216	726945	51.521	ng	99
41) Hexachlorocyclopentadiene	12.390	237	891989	103.647	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	499083	52.670	ng	100

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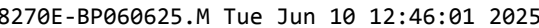
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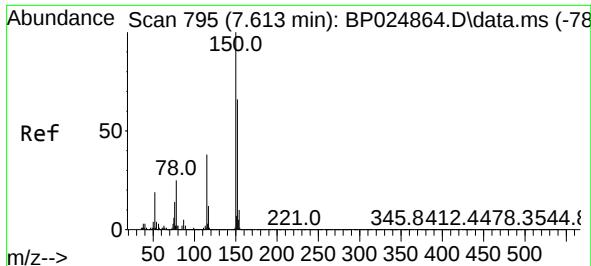
Quant Time: Jun 10 12:45:03 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	546738	53.878	ng	98
46) 1,1'-Biphenyl	13.066	154	1821498	50.406	ng	99
47) 2-Chloronaphthalene	13.107	162	1403016	50.516	ng	99
48) 2-Nitroaniline	13.331	65	437906	51.286	ng	95
49) Acenaphthylene	13.966	152	2331682	50.351	ng	99
50) Dimethylphthalate	13.707	163	1769408	48.238	ng	100
51) 2,6-Dinitrotoluene	13.825	165	395836	50.057	ng	97
52) Acenaphthene	14.313	154	1321096	49.784	ng	99
53) 3-Nitroaniline	14.166	138	245591	29.927	ng	97
54) 2,4-Dinitrophenol	14.389	184	515768	98.763	ng	95
55) Dibenzofuran	14.648	168	2099718	49.294	ng	99
56) 4-Nitrophenol	14.519	139	684342	97.253	ng	98
57) 2,4-Dinitrotoluene	14.631	165	572454	51.752	ng	99
58) Fluorene	15.313	166	1723413	50.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.895	232	467525	51.565	ng	99
60) Diethylphthalate	15.084	149	1805401	49.386	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	833591	49.546	ng	97
62) 4-Nitroaniline	15.354	138	397374	53.405	ng	94
63) Azobenzene	15.601	77	1643264	49.012	ng	98
65) 4,6-Dinitro-2-methylph...	15.413	198	336147	53.454	ng	97
66) n-Nitrosodiphenylamine	15.525	169	1511280	50.948	ng	99
67) 4-Bromophenyl-phenylether	16.219	248	539932	50.002	ng	97
68) Hexachlorobenzene	16.336	284	657024	50.190	ng	97
69) Atrazine	16.507	200	556517	51.753	ng	99
70) Pentachlorophenol	16.695	266	824146	121.644	ng	99
71) Phenanthrene	17.083	178	2659435	50.286	ng	100
72) Anthracene	17.183	178	2707798	50.555	ng	100
73) Carbazole	17.472	167	2625632	52.887	ng	100
74) Di-n-butylphthalate	18.048	149	3066652	49.855	ng	99
75) Fluoranthene	19.177	202	3134656	51.139	ng	99
77) Benzidine	19.383	184	1339792	40.475	ng	100
78) Pyrene	19.548	202	3299696	49.418	ng	99
80) Butylbenzylphthalate	20.507	149	1516978	49.599	ng	99
81) Benzo(a)anthracene	21.454	228	3512085	51.379	ng	99
82) 3,3'-Dichlorobenzidine	21.377	252	876789	32.309	ng	100
83) Chrysene	21.524	228	3271623	50.512	ng	100
84) Bis(2-ethylhexyl)phtha...	21.389	149	2280932	52.052	ng	98
85) Di-n-octyl phthalate	22.624	149	4192823	54.285	ng	99
87) Indeno(1,2,3-cd)pyrene	28.412	276	5105774	52.441	ng	# 91
88) Benzo(b)fluoranthene	23.701	252	3933036	51.501	ng	99
89) Benzo(k)fluoranthene	23.771	252	3914713	50.359	ng	99
90) Benzo(a)pyrene	24.571	252	3852537	51.656	ng	99
91) Dibenzo(a,h)anthracene	28.483	278	4233853	53.424	ng	99
92) Benzo(g,h,i)perylene	29.565	276	4183763	53.208	ng	99

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

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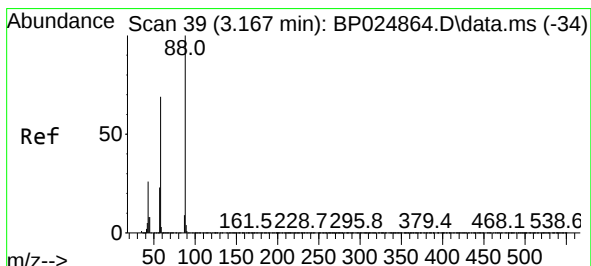
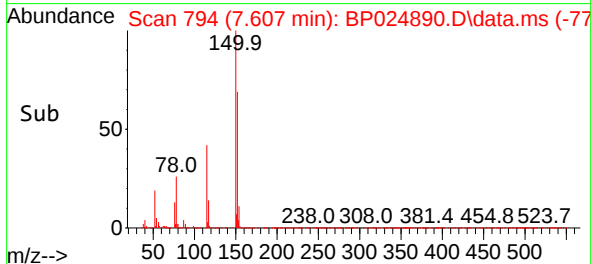
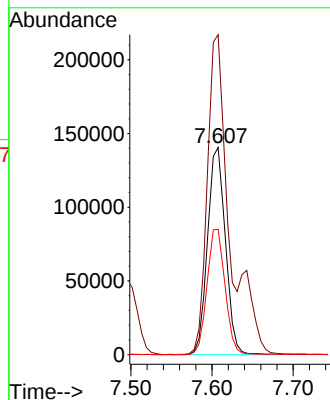
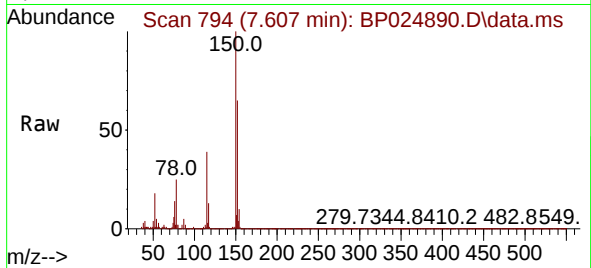




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024890.D
 Acq: 10 Jun 2025 12:14

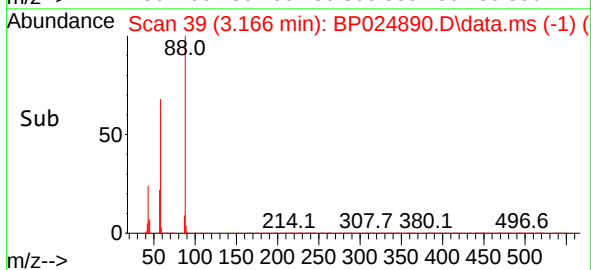
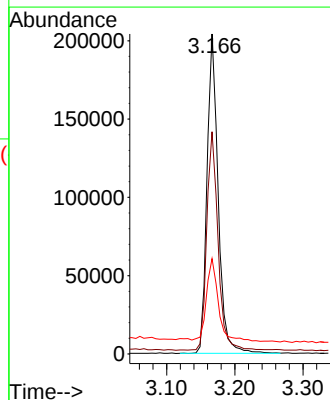
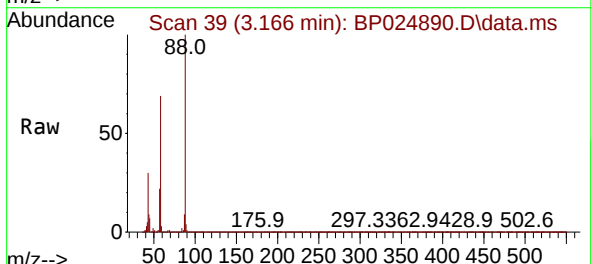
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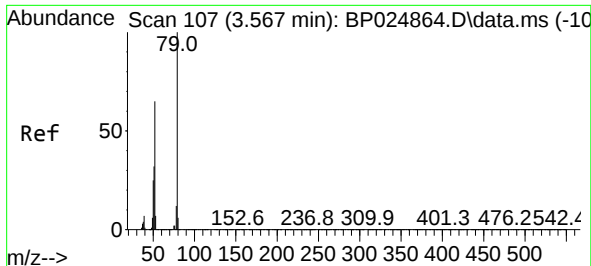
Tgt Ion:152 Resp: 214820
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.1 183.1
 115 60.5 46.4 69.6



#2
 1,4-Dioxane
 Concen: 40.913 ng
 RT: 3.166 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: BP024890.D
 Acq: 10 Jun 2025 12:14

Tgt Ion: 88 Resp: 231680
 Ion Ratio Lower Upper
 88 100
 58 69.1 55.4 83.0
 43 29.1 20.8 31.2

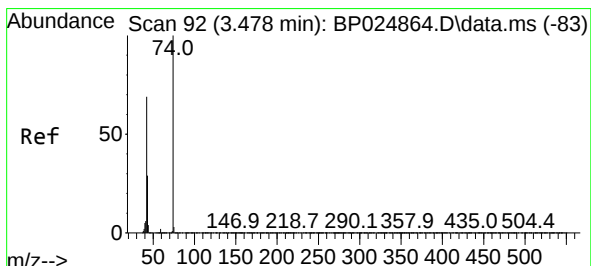
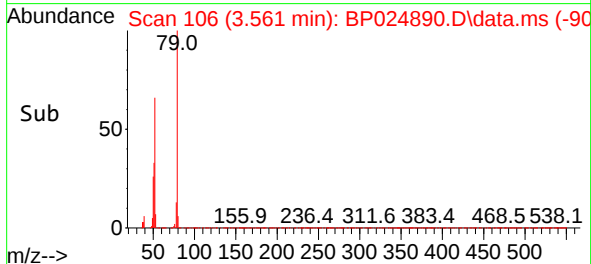
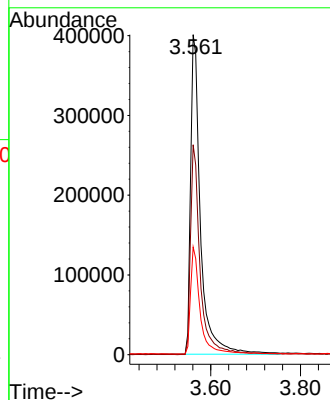
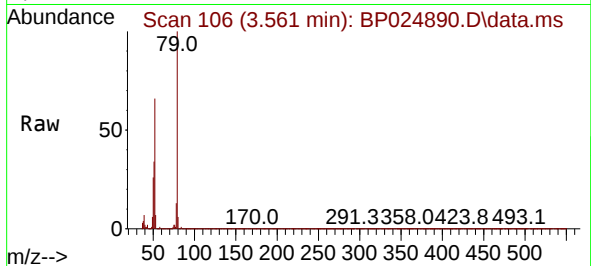




#3
Pyridine
Concen: 45.114 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

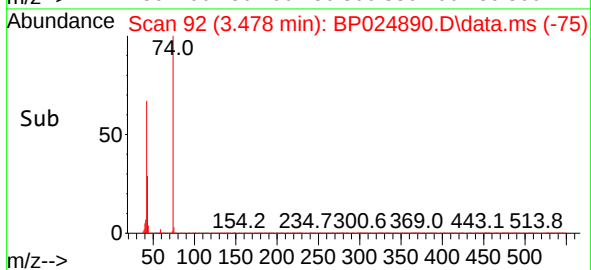
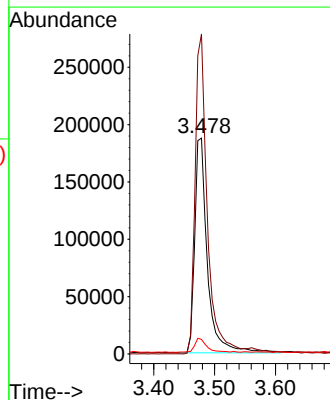
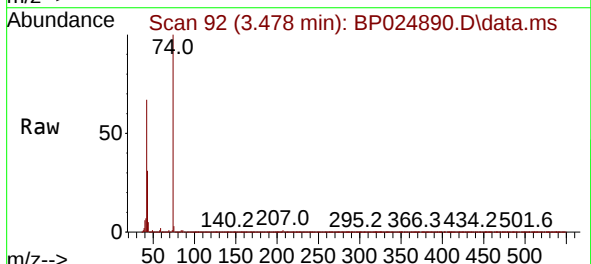
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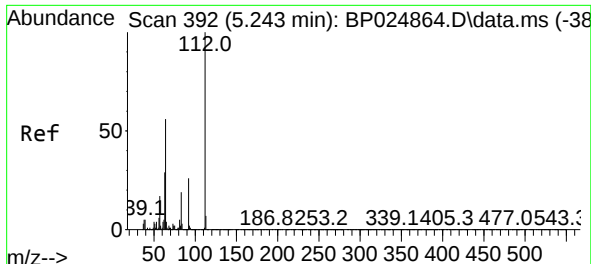
Tgt Ion: 79 Resp: 614382
Ion Ratio Lower Upper
79 100
52 65.6 51.6 77.4
51 33.6 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 48.501 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 42 Resp: 270031
Ion Ratio Lower Upper
42 100
74 148.2 116.6 174.8
44 6.7 5.4 8.0

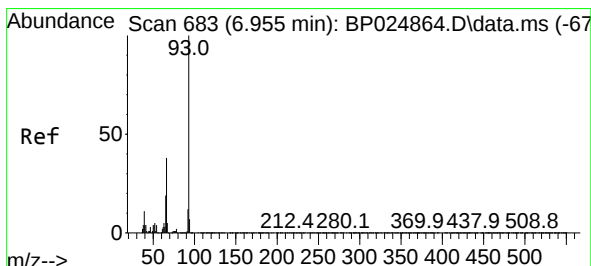
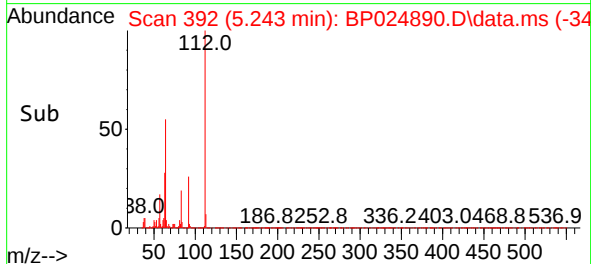
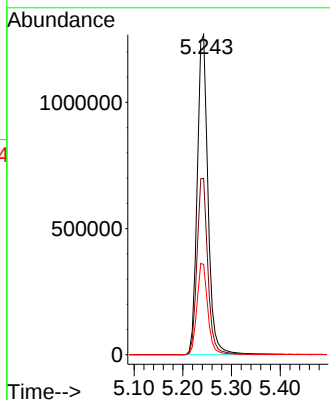
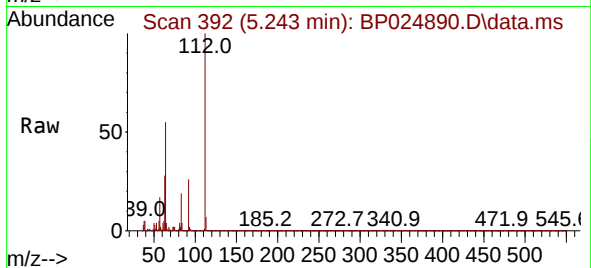




#5
2-Fluorophenol
Concen: 152.516 ng
RT: 5.243 min Scan# 391
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

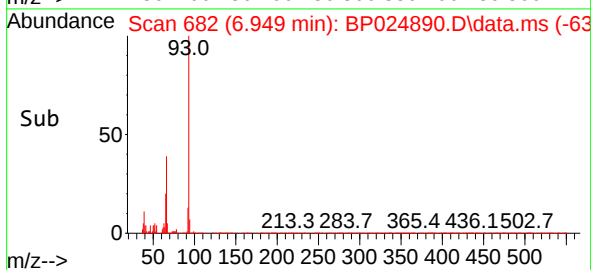
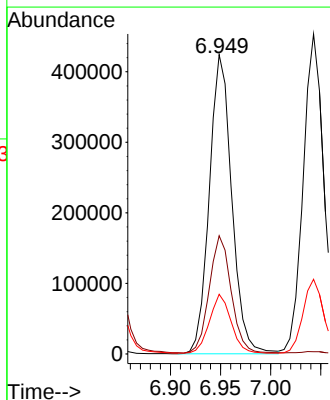
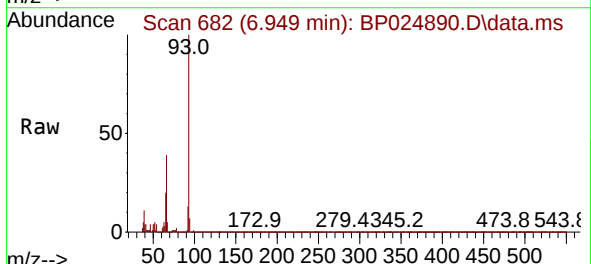
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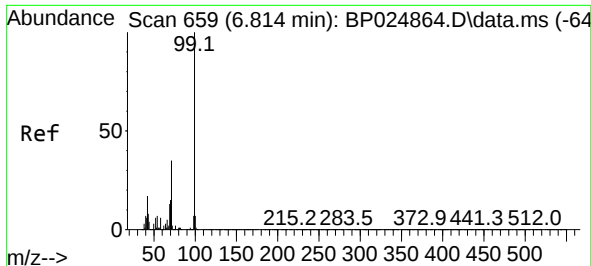
Tgt Ion:112 Resp: 1962820
Ion Ratio Lower Upper
112 100
64 55.1 44.7 67.1
63 28.2 23.5 35.3



#6
Aniline
Concen: 30.417 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 93 Resp: 660979
Ion Ratio Lower Upper
93 100
66 39.5 30.9 46.3
65 19.9 15.5 23.3

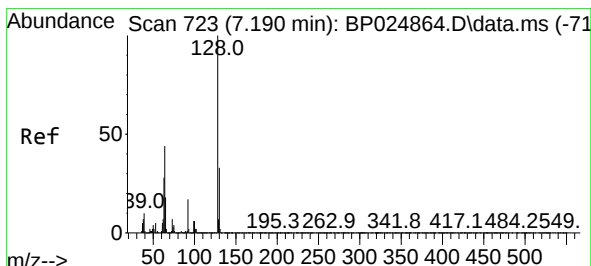
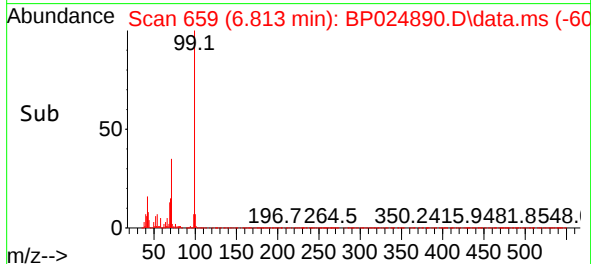
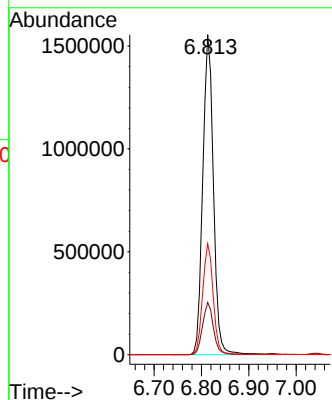
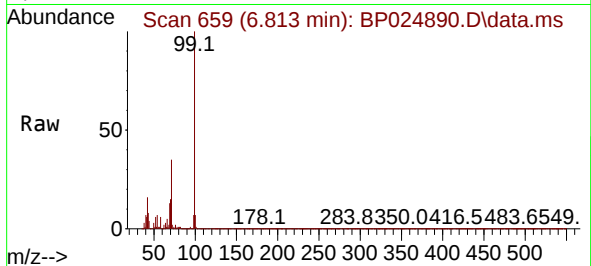




#7
Phenol-d6
Concen: 142.984 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

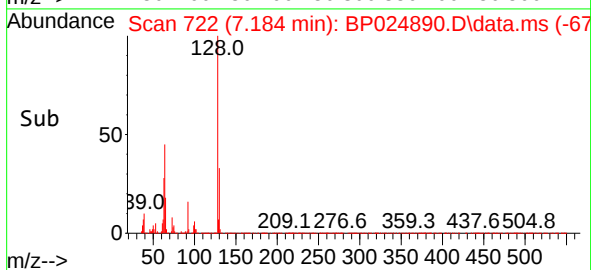
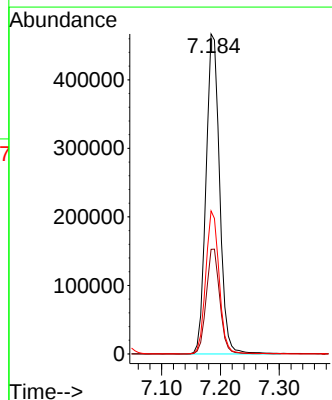
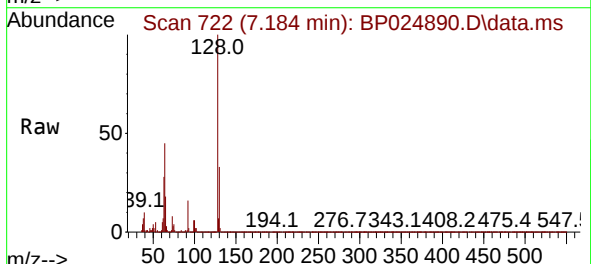
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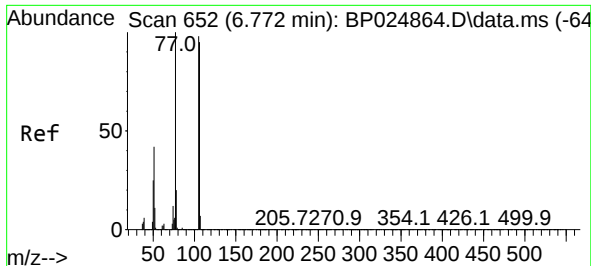
Tgt Ion: 99 Resp: 2434716
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 34.6 27.6 41.4



#8
2-Chlorophenol
Concen: 51.326 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 128 Resp: 748812
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 44.7 24.1 64.1

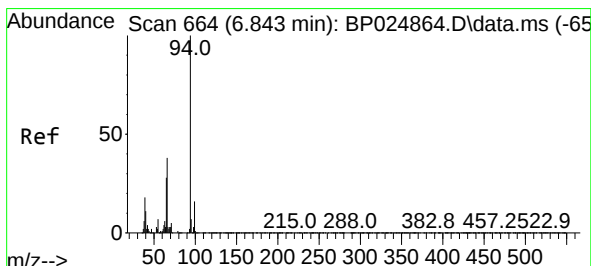
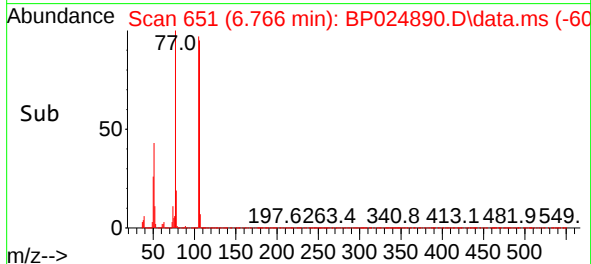
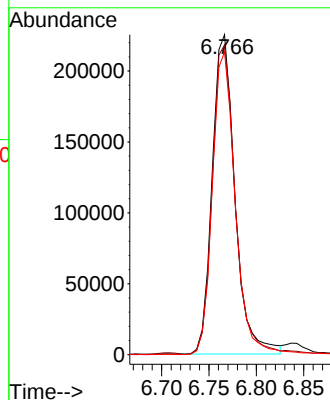
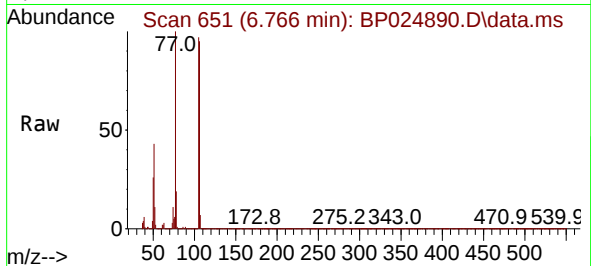




#9
Benzaldehyde
Concen: 38.431 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024890.D
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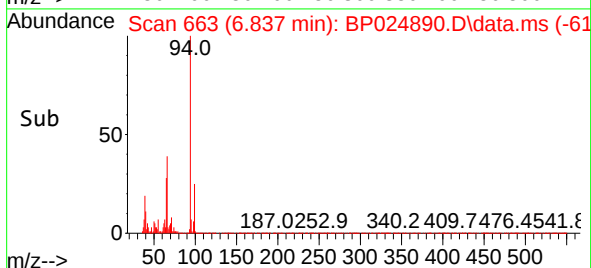
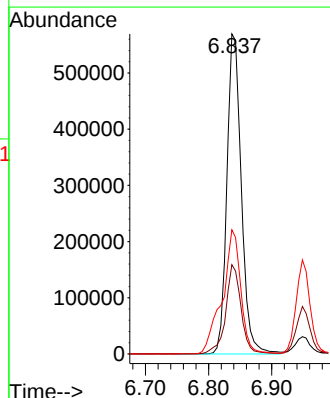
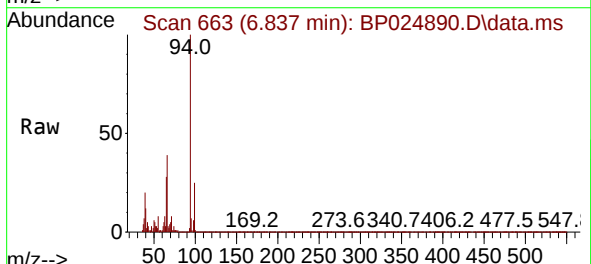
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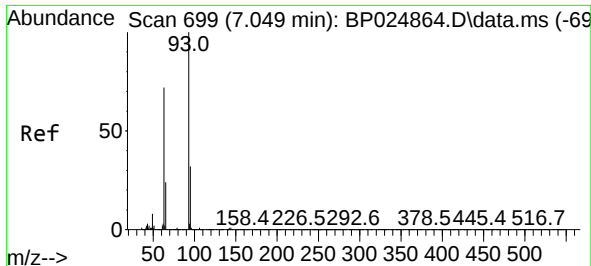
Tgt Ion: 77 Resp: 377188
Ion Ratio Lower Upper
77 100
105 96.8 77.7 117.7
106 94.6 74.8 114.8



#10
Phenol
Concen: 51.446 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 94 Resp: 903082
Ion Ratio Lower Upper
94 100
65 27.9 8.3 48.3
66 38.8 18.2 58.2

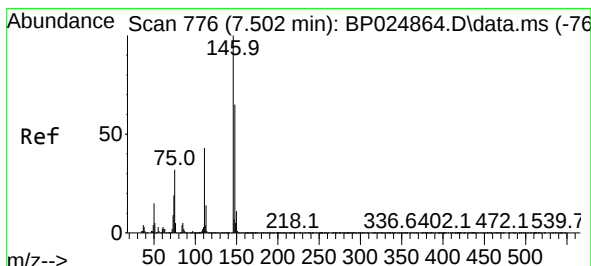
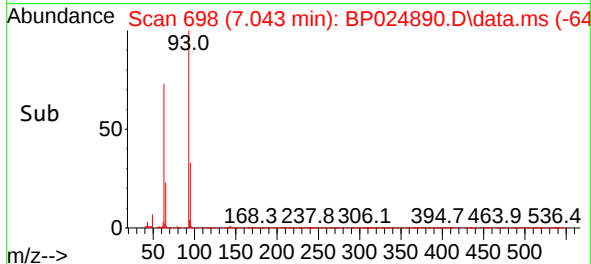
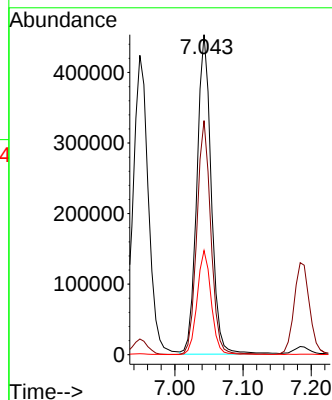
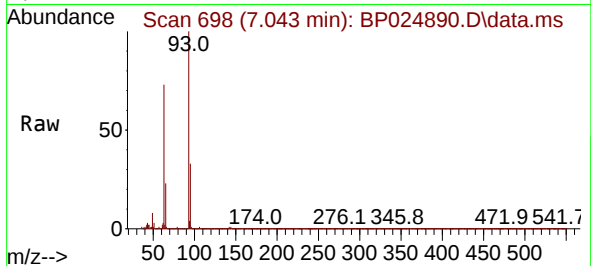




#11
bis(2-Chloroethyl)ether
Concen: 48.037 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

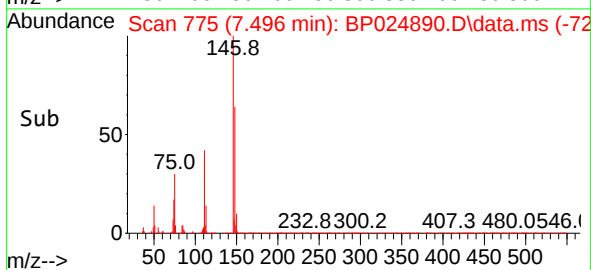
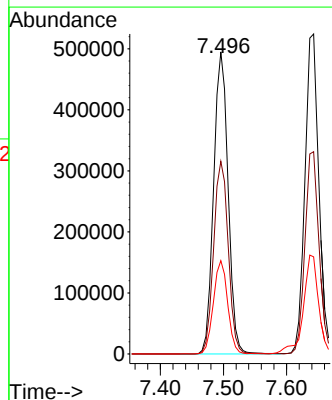
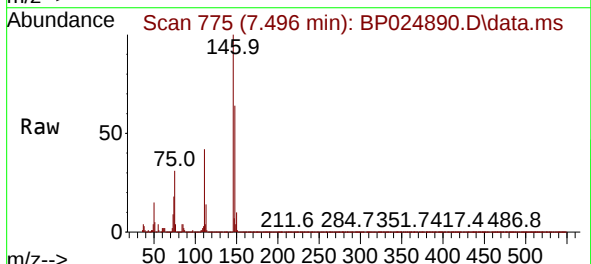
Instrument :
BNA_P
ClientSampleId :
PB168321BS

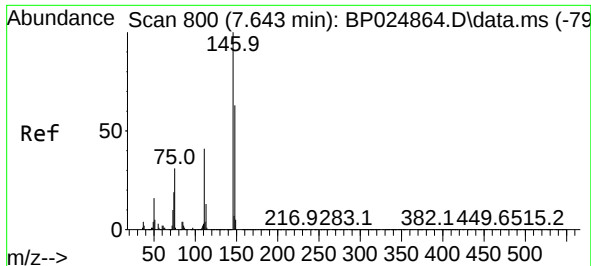
Tgt Ion: 93 Resp: 663220
Ion Ratio Lower Upper
93 100
63 73.2 51.6 91.6
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 48.319 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:146 Resp: 786416
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 30.9 25.3 37.9

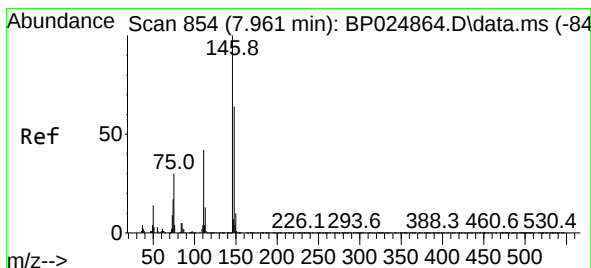
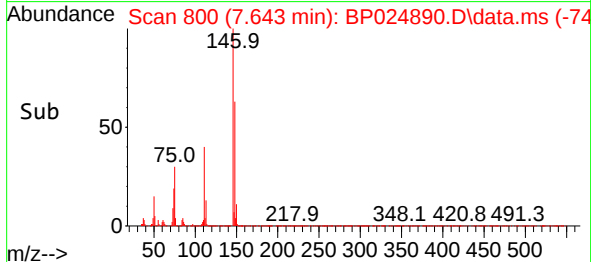
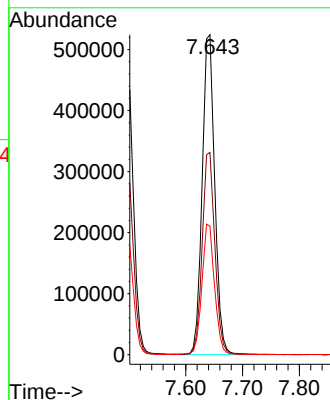
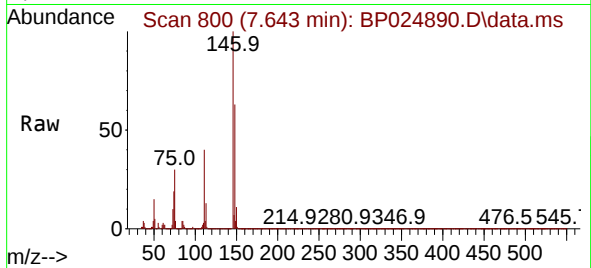




#13
1,4-Dichlorobenzene
Concen: 49.080 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

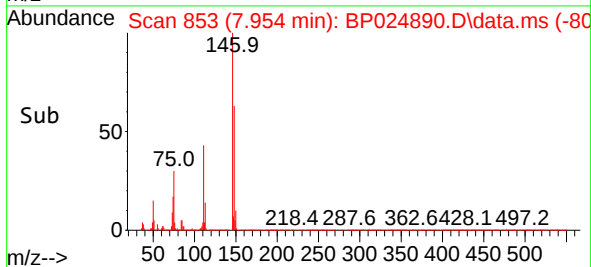
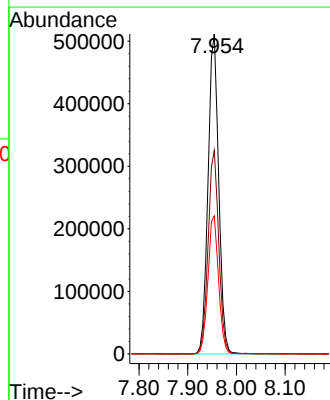
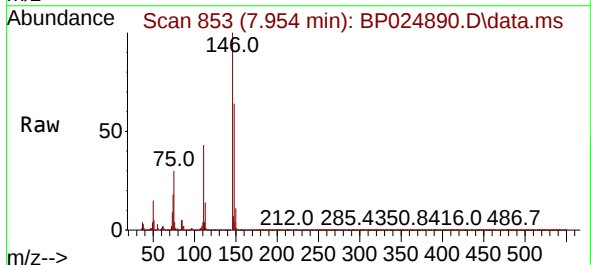
Instrument :
BNA_P
ClientSampleId :
PB168321BS

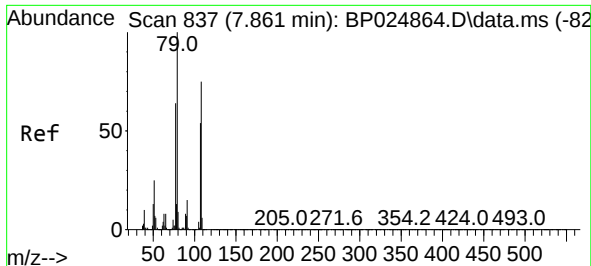
Tgt Ion:146 Resp: 805989
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 40.2 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 47.975 ng
RT: 7.954 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:146 Resp: 773650
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
111 43.2 33.8 50.8

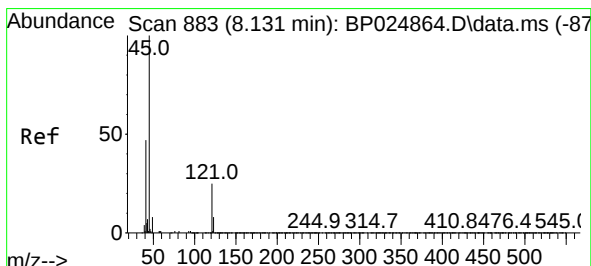
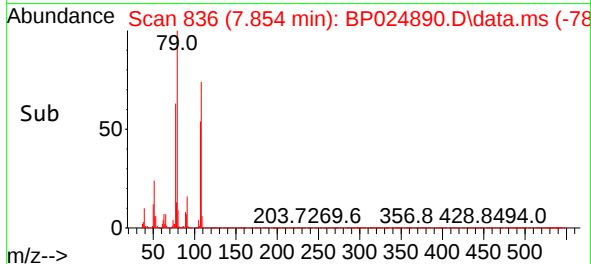
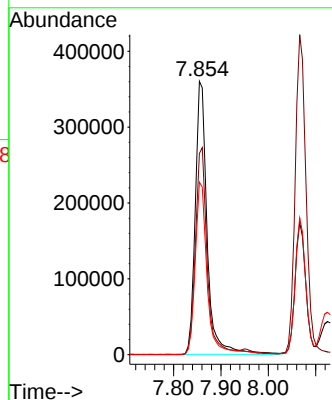
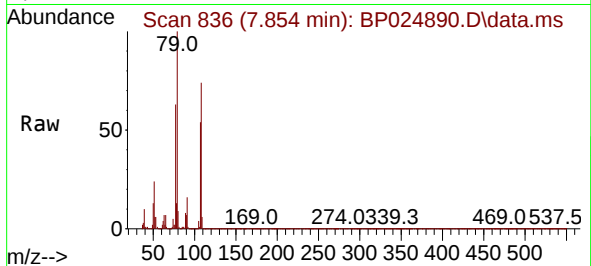




#15
Benzyl Alcohol
Concen: 48.182 ng
RT: 7.854 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

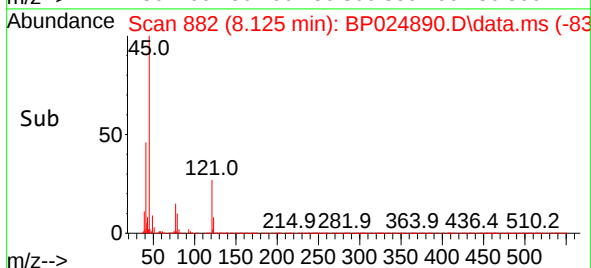
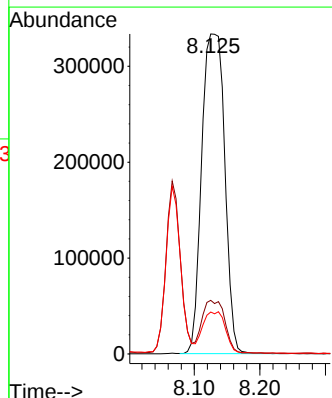
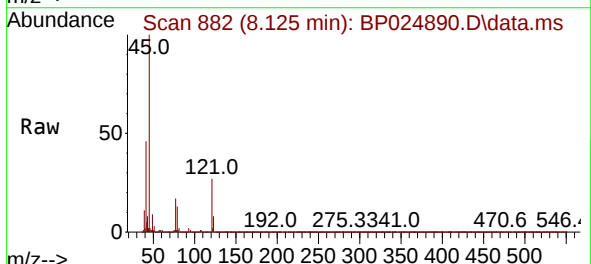
Instrument :
BNA_P
ClientSampleId :
PB168321BS

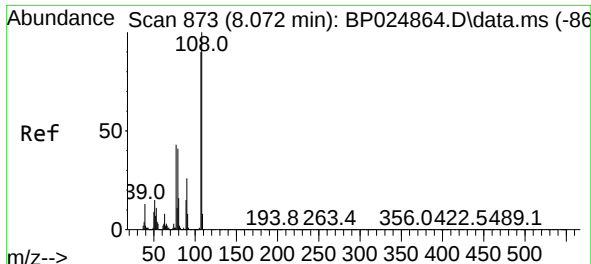
Tgt Ion: 79 Resp: 629658
Ion Ratio Lower Upper
79 100
108 73.6 60.2 90.4
77 63.1 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.035 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 45 Resp: 813812
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.3
79 13.1 0.0 32.2

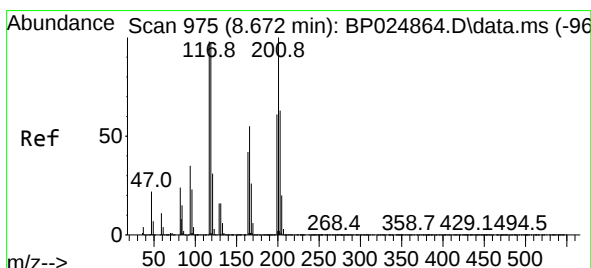
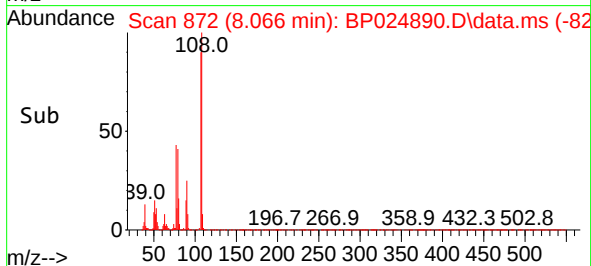
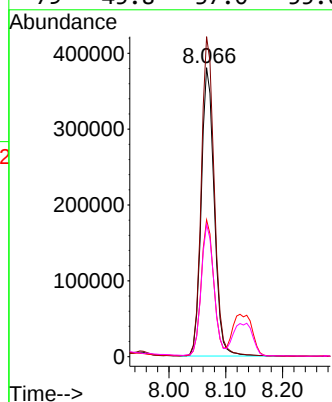
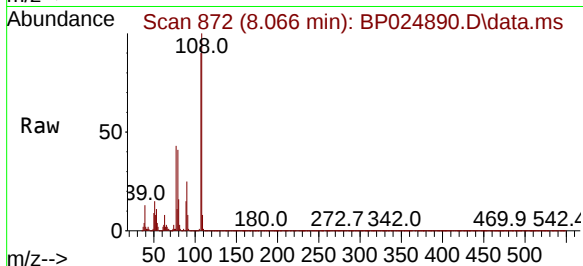




#17
2-Methylphenol
Concen: 49.200 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

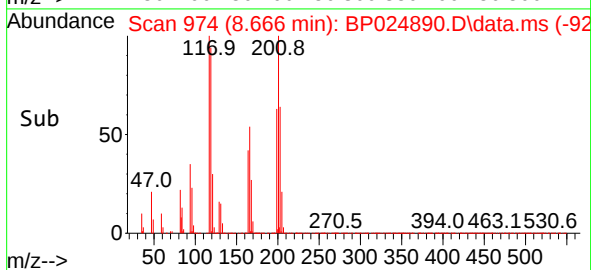
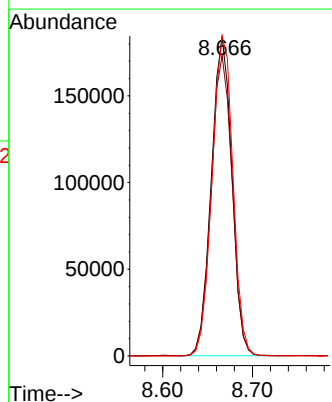
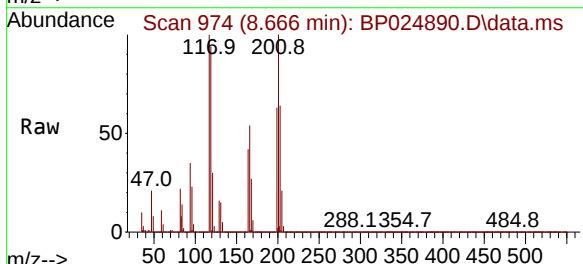
Instrument :
BNA_P
ClientSampleId :
PB168321BS

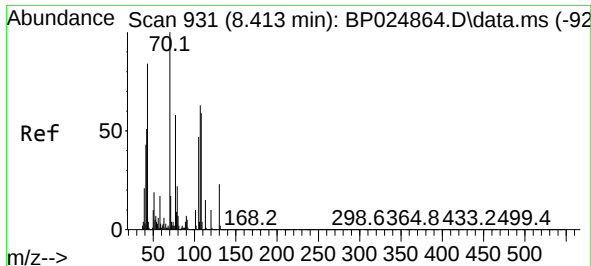
Tgt Ion:	107	Resp:	603097
Ion	Ratio	Lower	Upper
107	100		
108	110.7	88.6	132.8
77	47.3	38.5	57.7
79	45.8	37.0	55.6



#18
Hexachloroethane
Concen: 47.353 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:	117	Resp:	292770
Ion	Ratio	Lower	Upper
117	100		
119	94.2	79.4	119.2
201	100.4	81.4	122.2



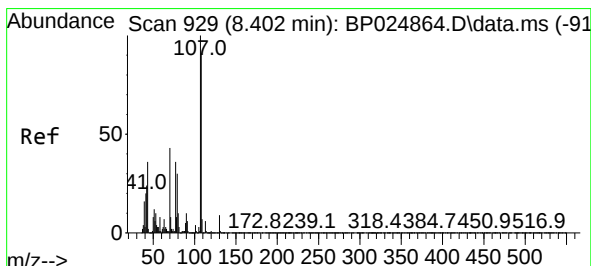
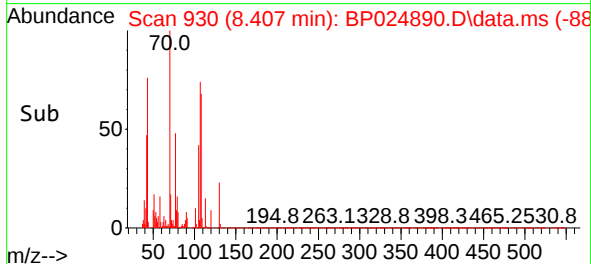
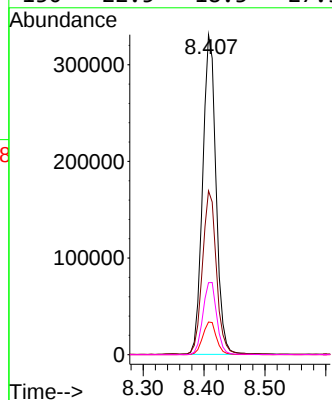
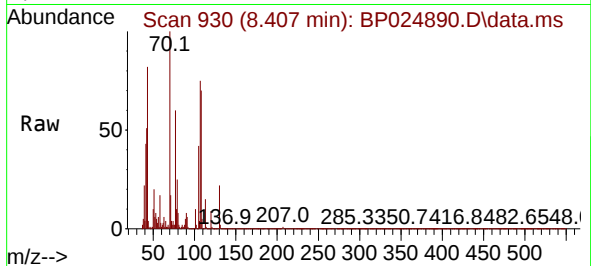


#19
n-Nitroso-di-n-propylamine
Concen: 43.639 ng
RT: 8.407 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Instrument :
BNA_P
ClientSampleId :
PB168321BS

Tgt Ion: 70 Resp: 505149

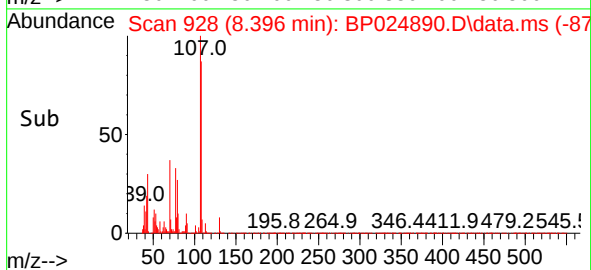
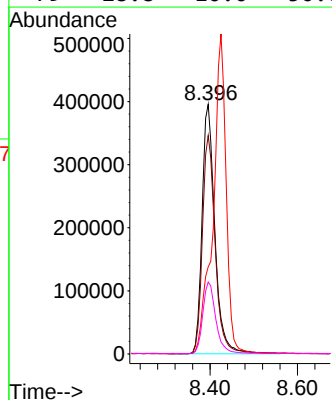
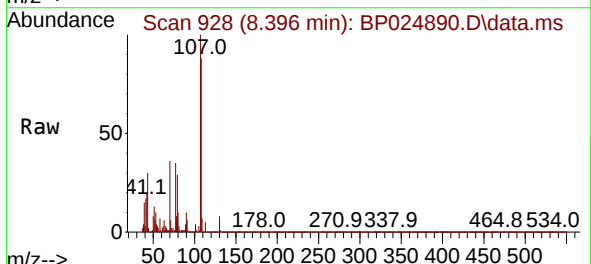
Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.2	61.8
101	10.2	8.3	12.5
130	22.5	18.3	27.5

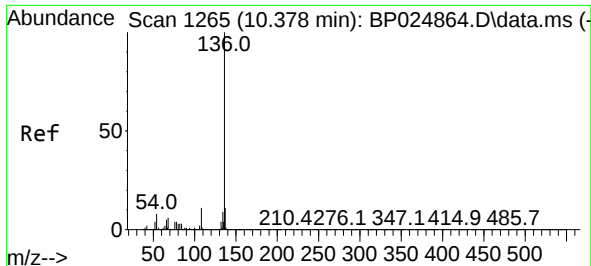


#20
3+4-Methylphenols
Concen: 48.182 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 107 Resp: 805803

Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.7	110.7
77	34.9	16.6	56.6
79	28.8	10.0	50.0

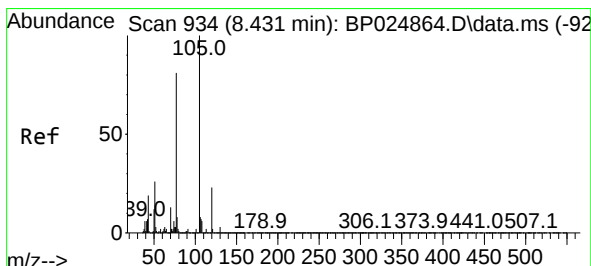
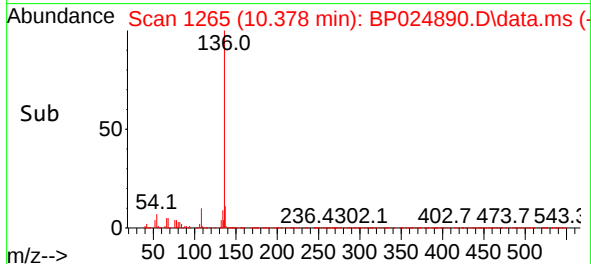
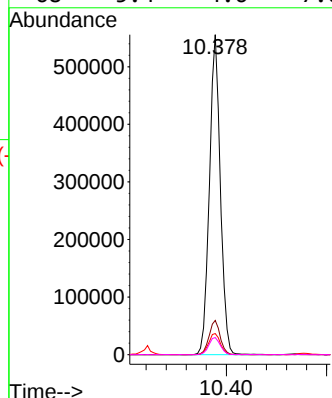
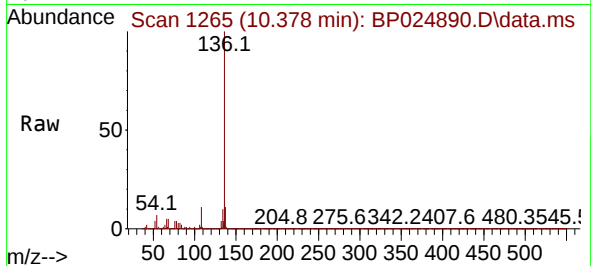




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

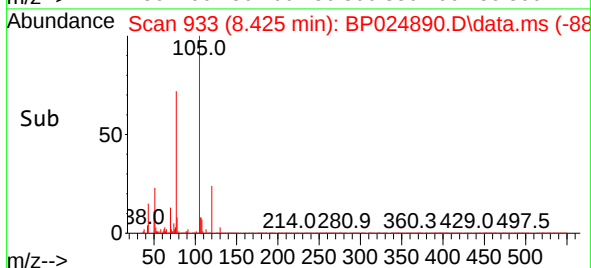
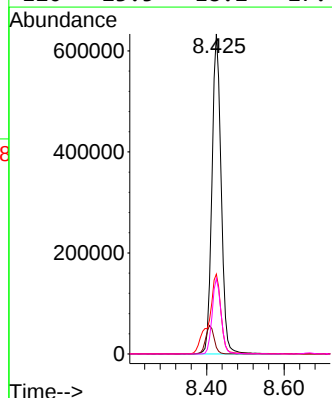
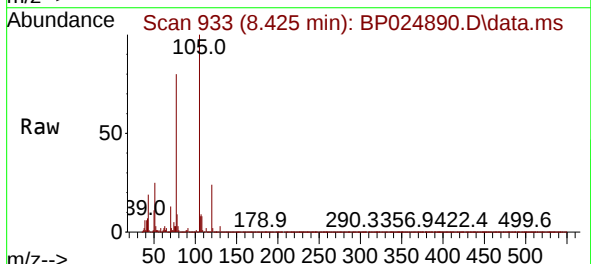
Instrument :
BNA_P
ClientSampleId :
PB168321BS

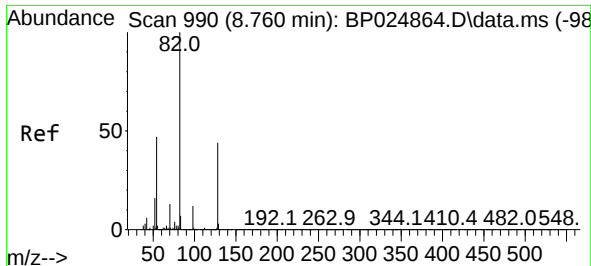
Tgt Ion:	136	Resp:	841828
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	6.1	9.1
68	5.4	4.6	7.0



#22
Acetophenone
Concen: 49.006 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:	105	Resp:	1042306
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.6	2.4
51	24.9	20.6	31.0
120	23.5	18.2	27.4

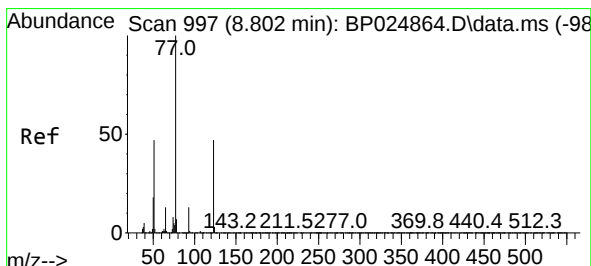
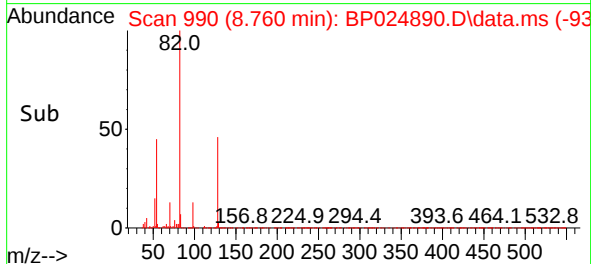
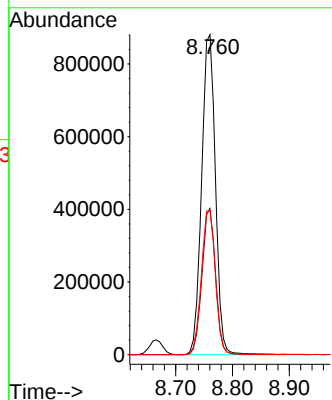
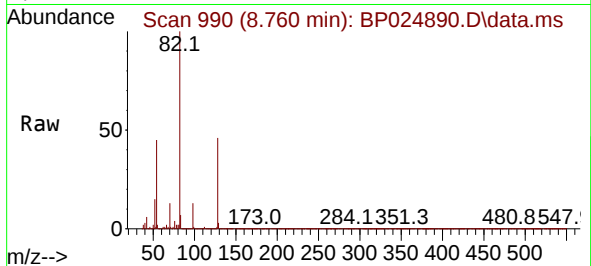




#23
Nitrobenzene-d5
Concen: 85.742 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

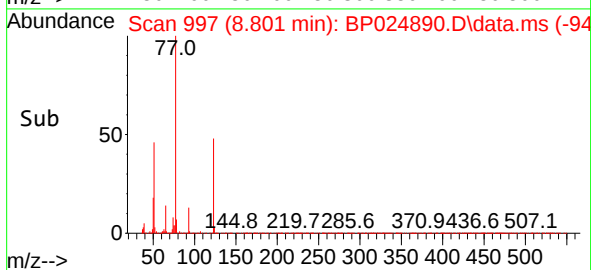
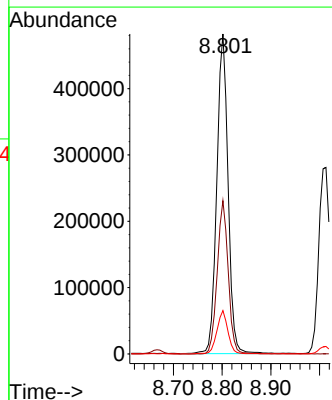
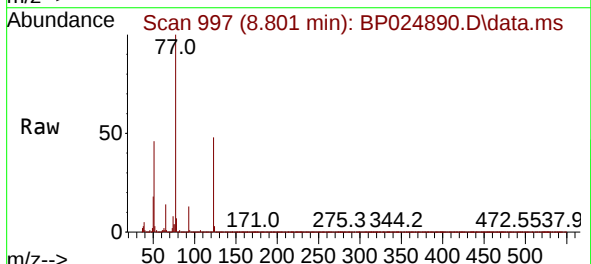
Instrument :
BNA_P
ClientSampleId :
PB168321BS

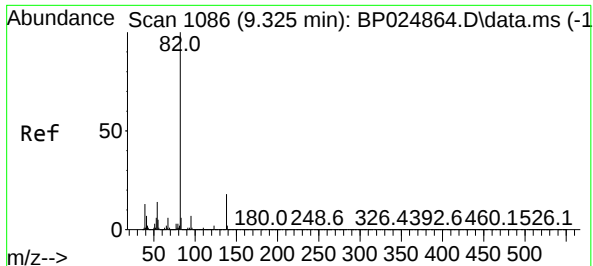
Tgt Ion: 82 Resp: 1485402
Ion Ratio Lower Upper
82 100
128 45.7 35.3 52.9
54 45.0 37.4 56.0



#24
Nitrobenzene
Concen: 50.088 ng
RT: 8.801 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 77 Resp: 770874
Ion Ratio Lower Upper
77 100
123 47.9 37.3 55.9
65 13.5 10.8 16.2

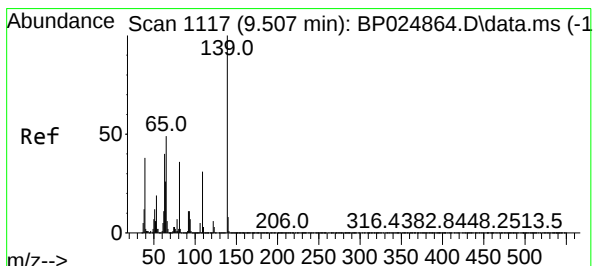
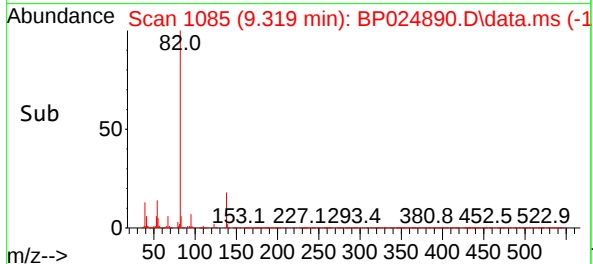
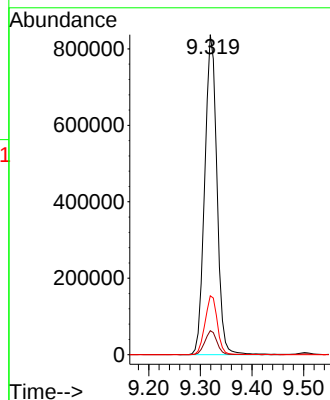
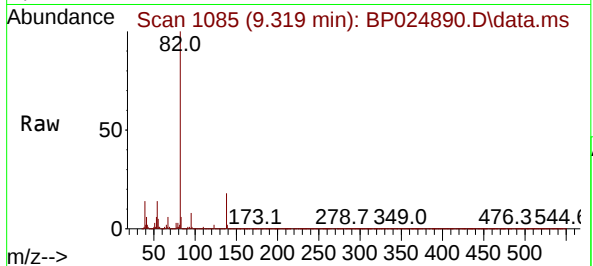




#25
Isophorone
Concen: 45.649 ng
RT: 9.319 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

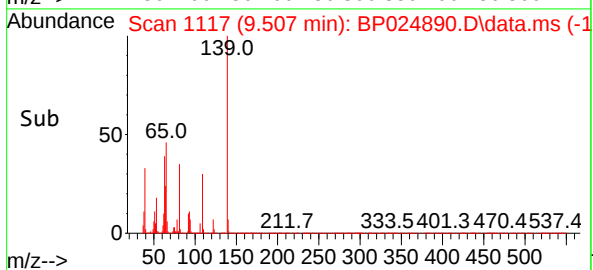
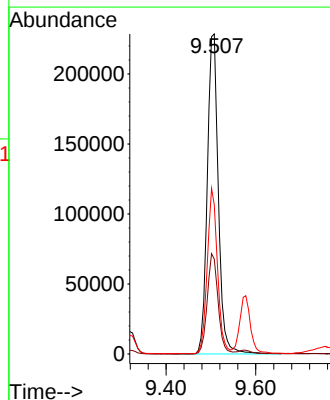
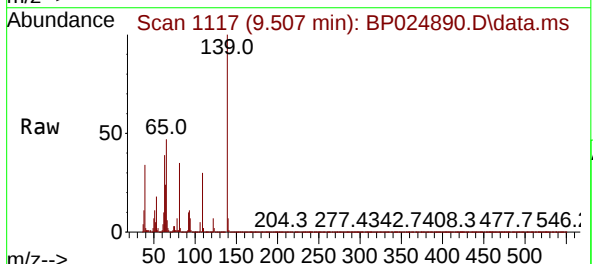
Instrument :
BNA_P
ClientSampleId :
PB168321BS

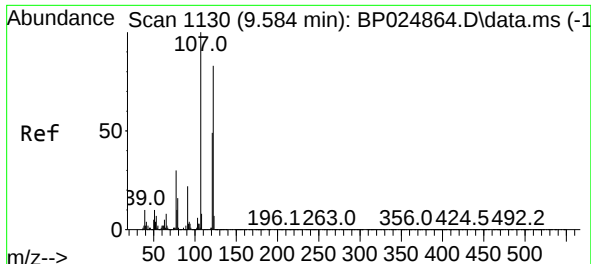
Tgt Ion: 82 Resp: 1370578
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 51.484 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 139 Resp: 390958
Ion Ratio Lower Upper
139 100
109 29.7 24.6 37.0
65 46.6 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 51.133 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

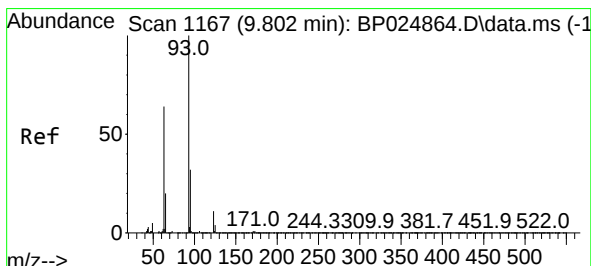
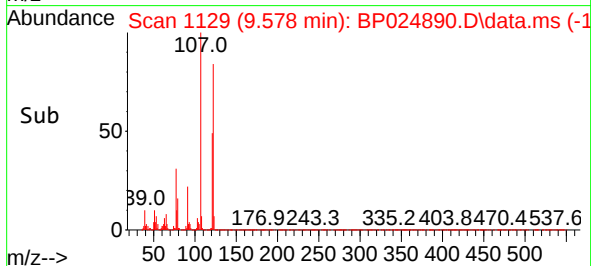
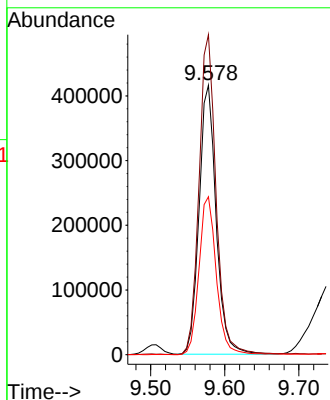
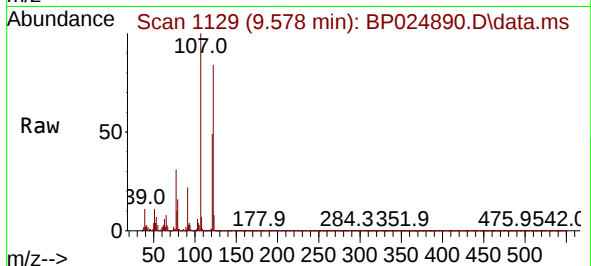
Tgt Ion:122 Resp: 664532

Ion Ratio Lower Upper

122 100

107 118.7 96.2 144.4

121 58.6 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.630 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

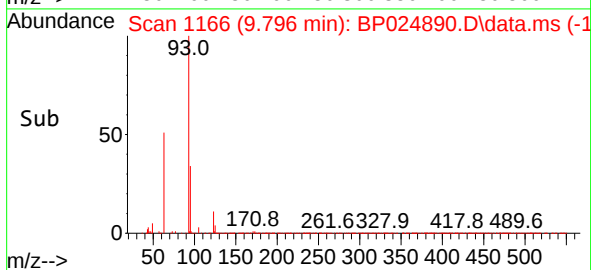
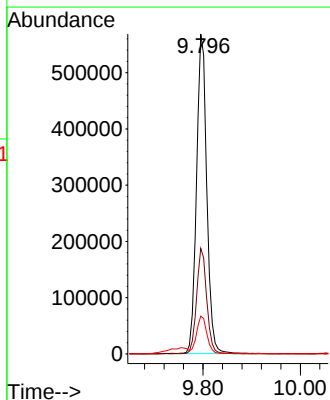
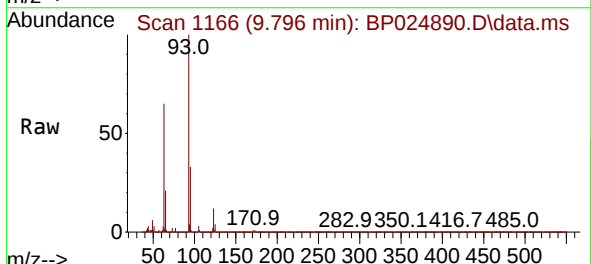
Tgt Ion: 93 Resp: 835144

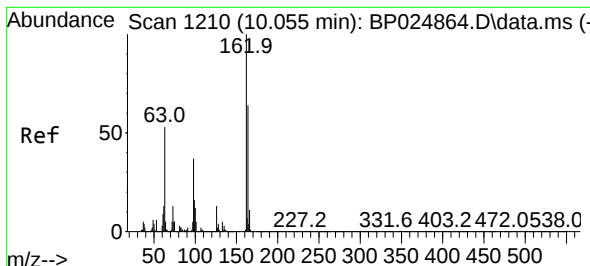
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 11.8 9.2 13.8

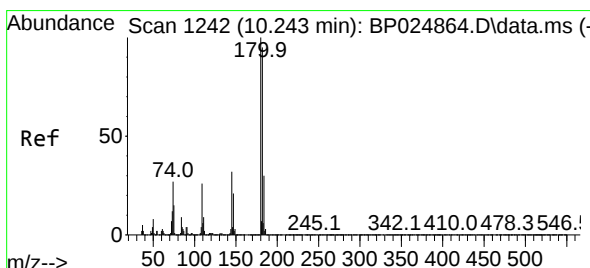
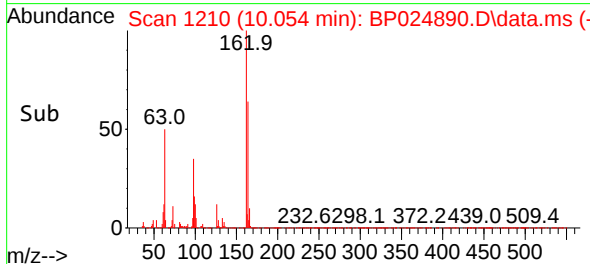
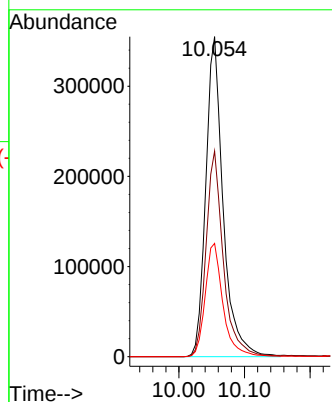
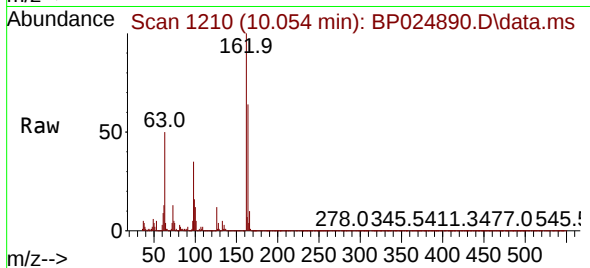




#29
2,4-Dichlorophenol
Concen: 52.374 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

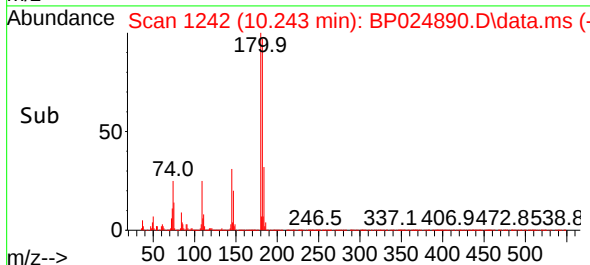
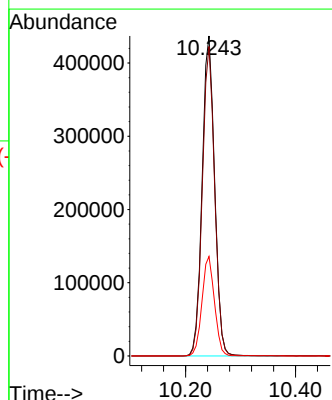
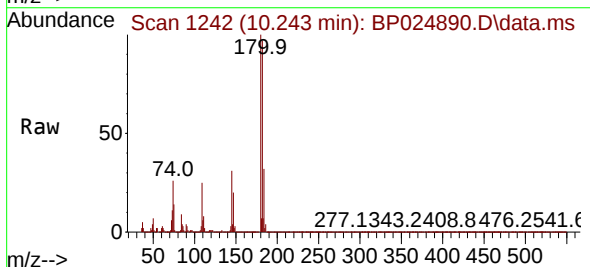
Instrument :
BNA_P
ClientSampleId :
PB168321BS

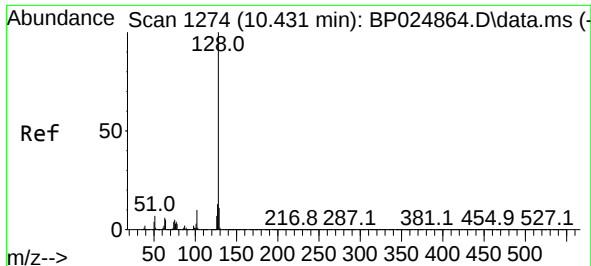
Tgt Ion:162 Resp: 653102
Ion Ratio Lower Upper
162 100
164 64.3 44.0 84.0
98 35.4 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 48.926 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:180 Resp: 688137
Ion Ratio Lower Upper
180 100
182 96.8 75.8 113.6
145 31.1 25.7 38.5

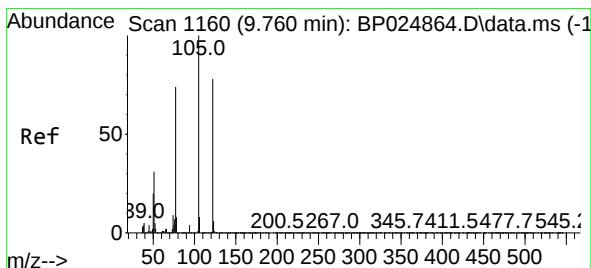
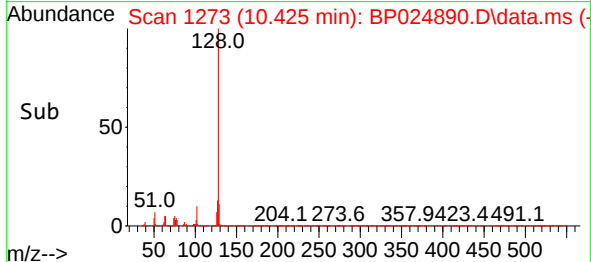
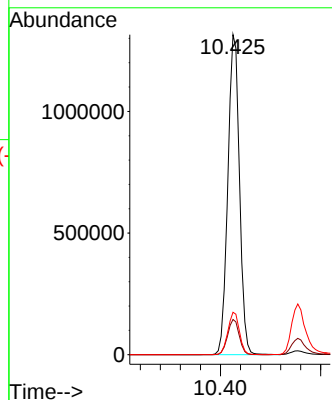
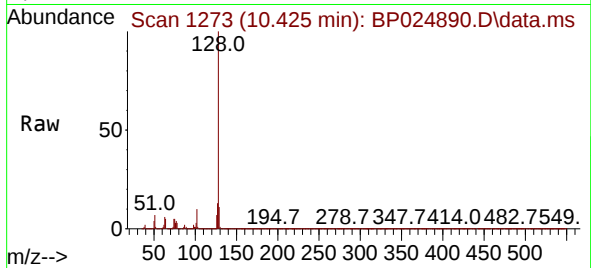




#31
Naphthalene
Concen: 49.079 ng
RT: 10.425 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

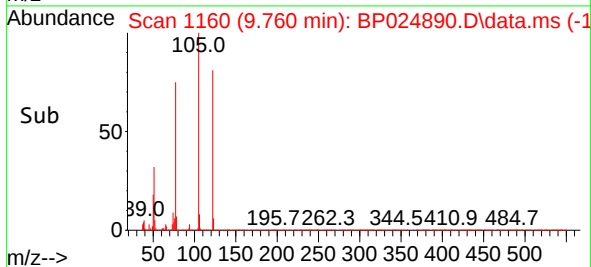
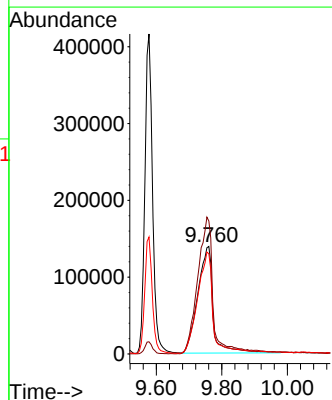
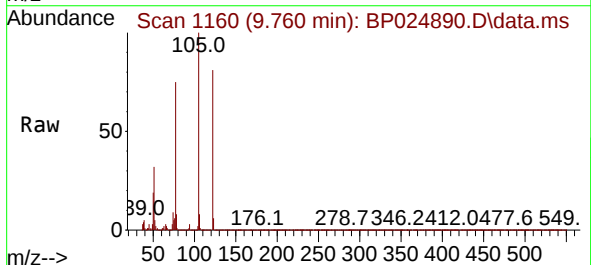
Instrument :
BNA_P
ClientSampleId :
PB168321BS

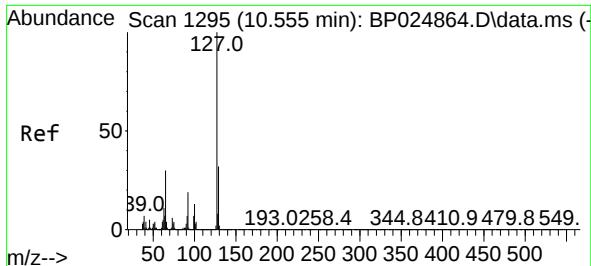
Tgt Ion:128 Resp: 2117281
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 51.707 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:122 Resp: 454106
Ion Ratio Lower Upper
122 100
105 123.7 107.1 147.1
77 93.2 75.1 115.1

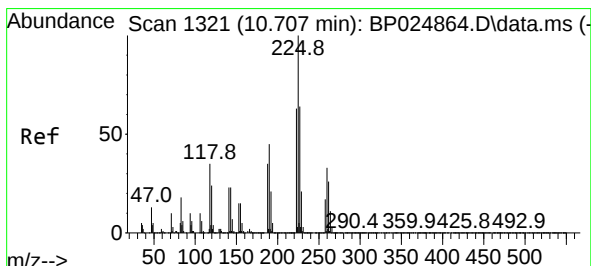
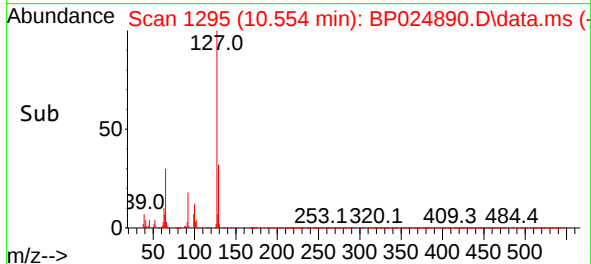
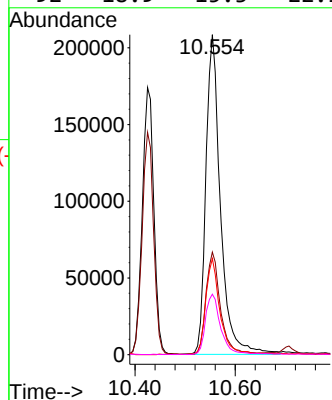
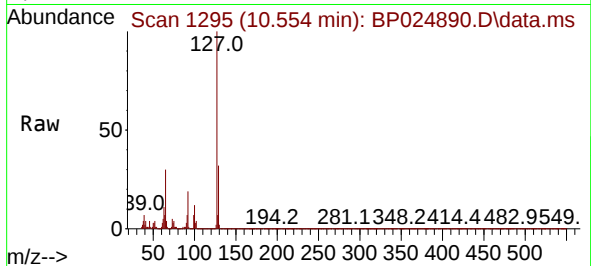




#33
4-Chloroaniline
Concen: 23.299 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

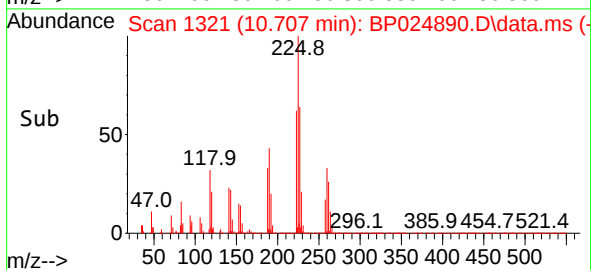
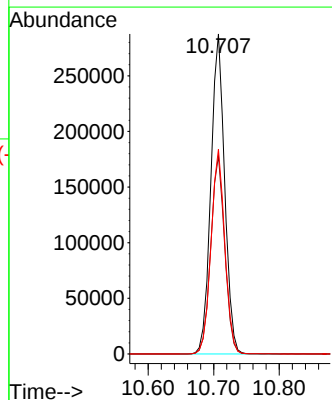
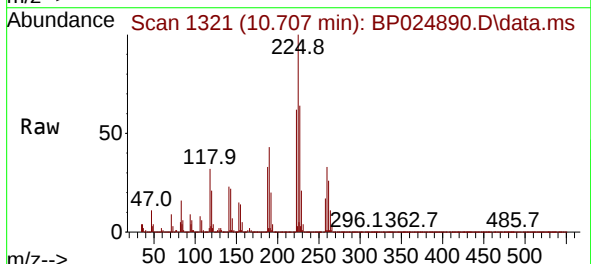
Instrument :
BNA_P
ClientSampleId :
PB168321BS

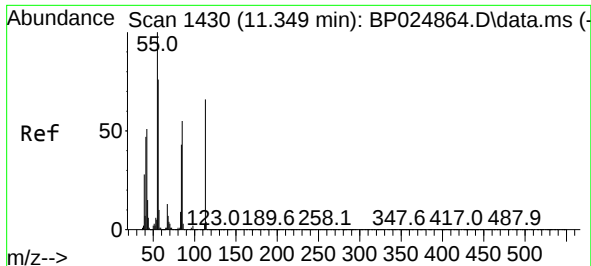
Tgt Ion:	127	Resp:	421118
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	30.0	23.9	35.9
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 49.462 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:	225	Resp:	419291
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.5	75.7
227	64.0	51.4	77.2

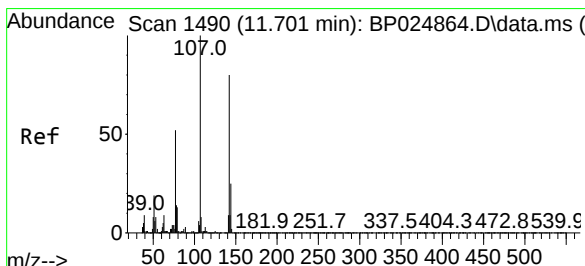
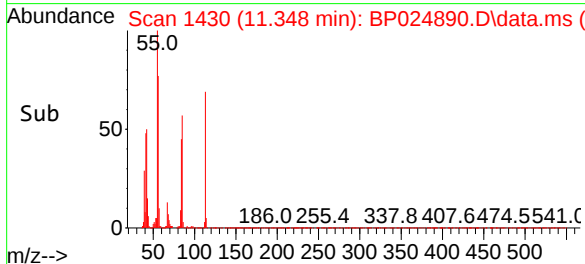
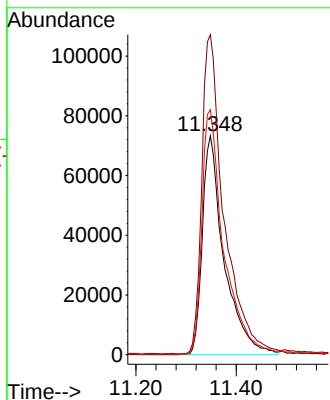
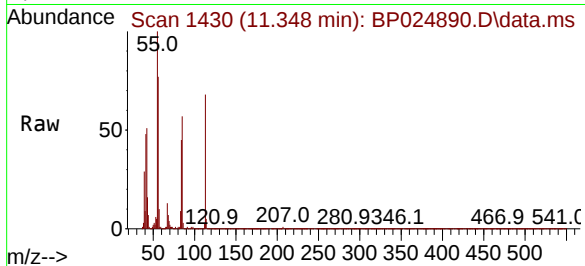




#35
Caprolactam
Concen: 47.794 ng
RT: 11.348 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

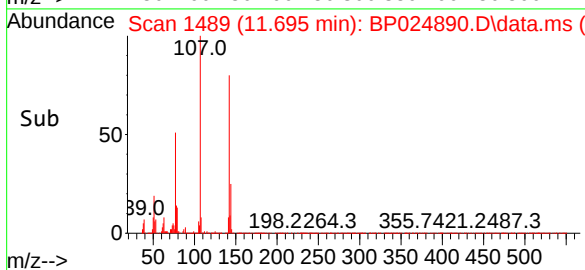
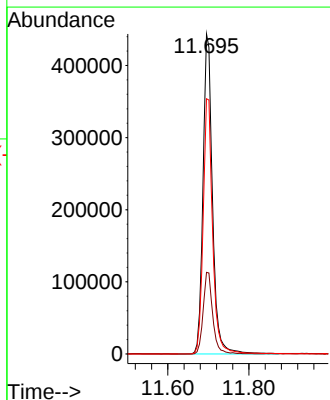
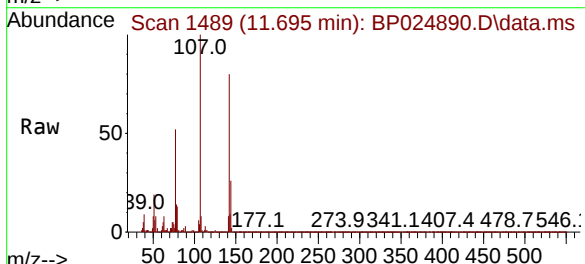
Instrument :
BNA_P
ClientSampleId :
PB168321BS

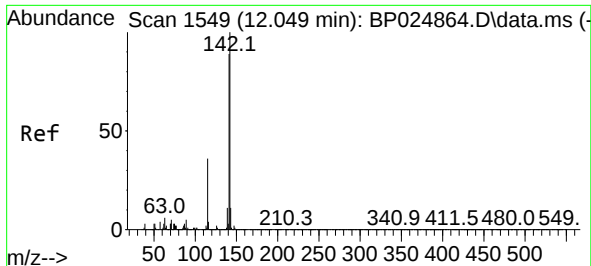
Tgt Ion:113 Resp: 219383
Ion Ratio Lower Upper
113 100
55 146.2 132.5 172.5
56 111.9 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 49.819 ng
RT: 11.695 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:107 Resp: 716553
Ion Ratio Lower Upper
107 100
144 25.5 20.4 30.6
142 79.7 63.8 95.6

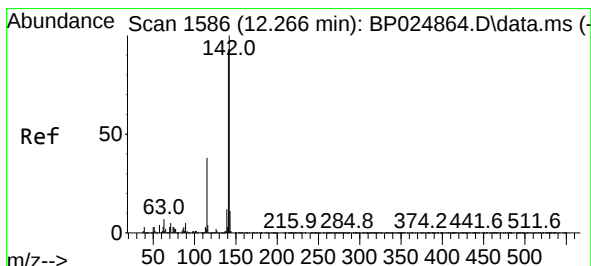
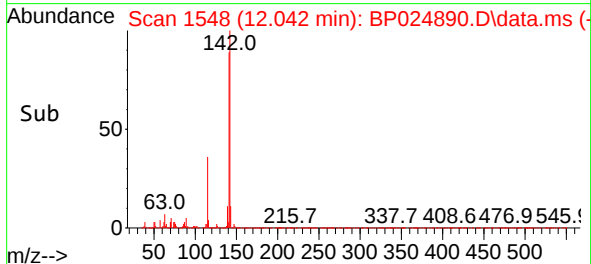
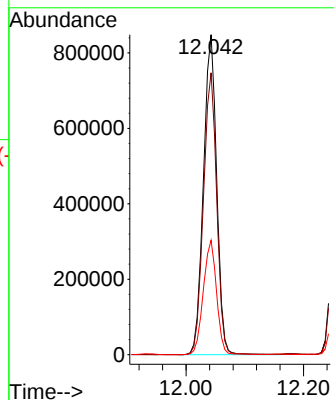
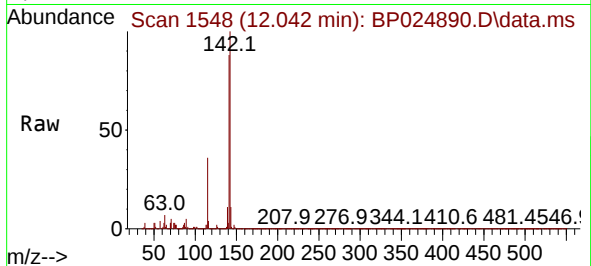




#37
2-Methylnaphthalene
Concen: 48.311 ng
RT: 12.042 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

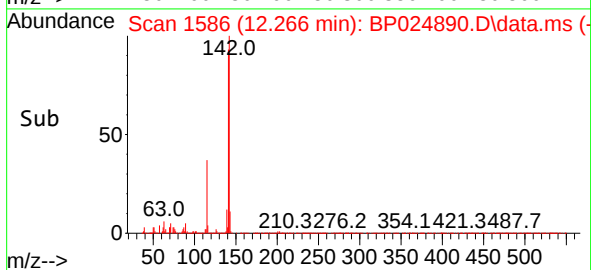
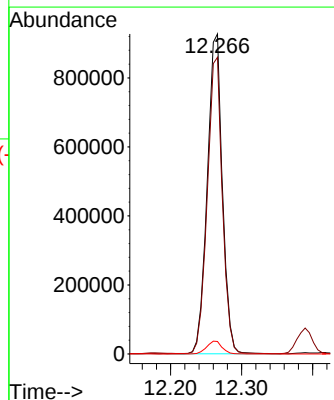
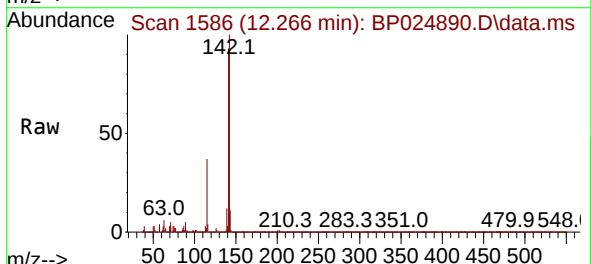
Instrument :
BNA_P
ClientSampleId :
PB168321BS

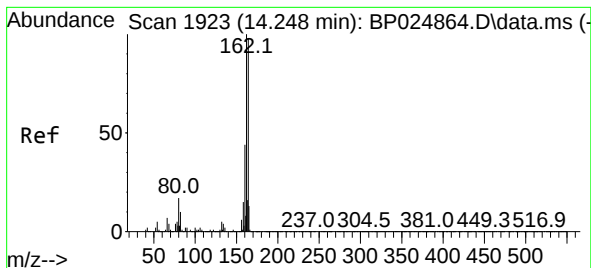
Tgt Ion:142 Resp: 1322039
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8
115 35.7 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.897 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:142 Resp: 1372037
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1
116 3.9 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

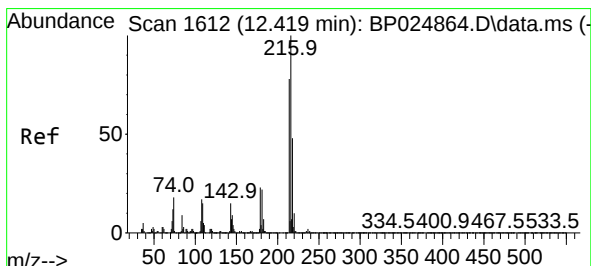
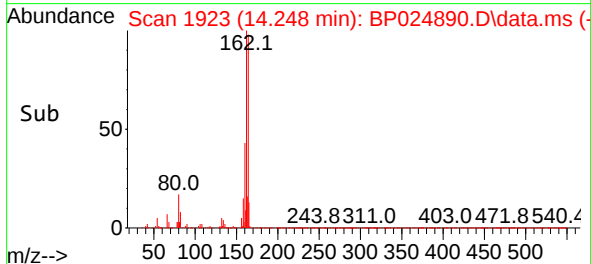
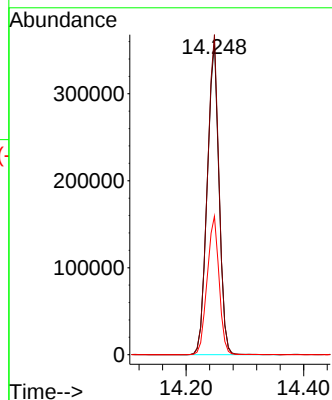
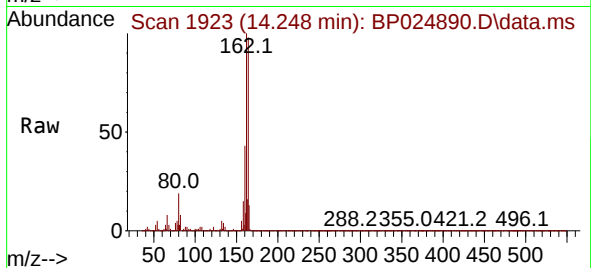
Tgt Ion:164 Resp: 497248

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 44.3 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.521 ng

RT: 12.413 min Scan# 1611

Delta R.T. -0.006 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Tgt Ion:216 Resp: 726945

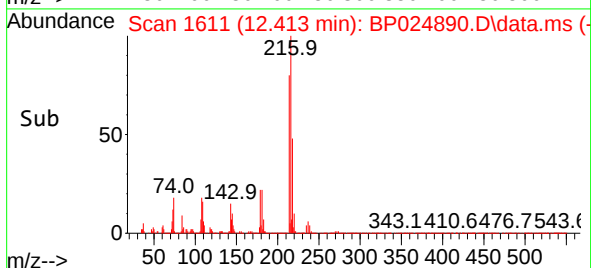
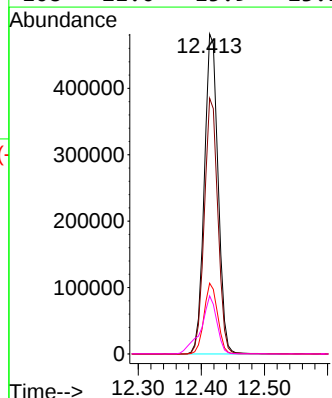
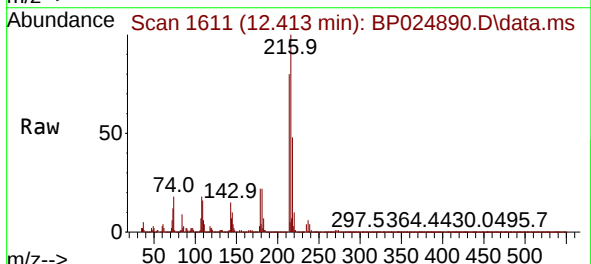
Ion Ratio Lower Upper

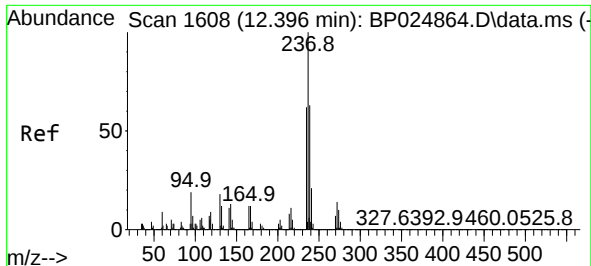
216 100

214 78.8 63.0 94.4

179 21.7 17.8 26.6

108 21.0 15.9 23.9

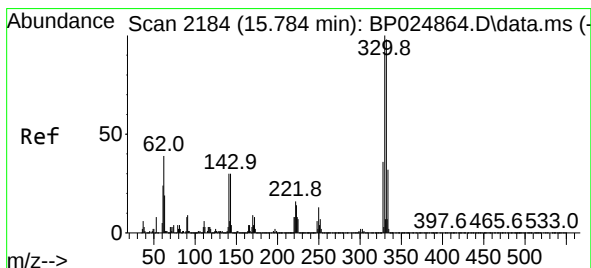
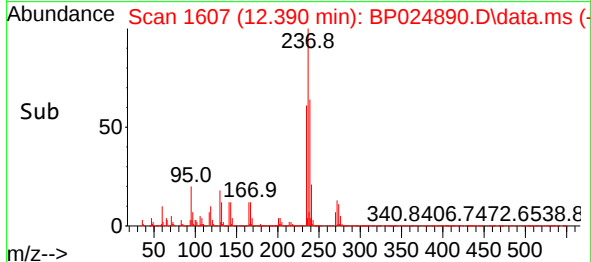
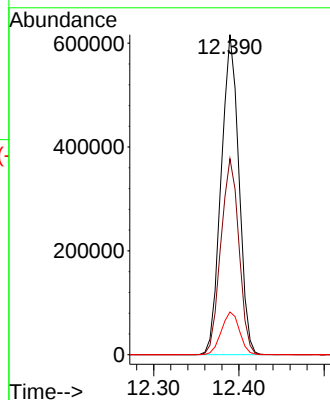
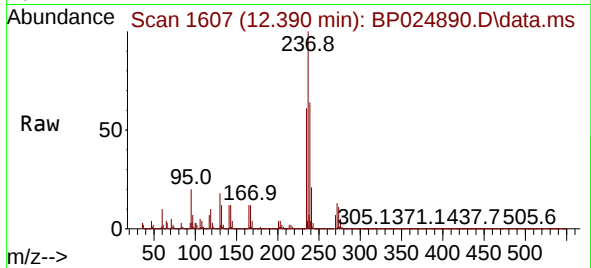




#41
Hexachlorocyclopentadiene
Concen: 103.647 ng
RT: 12.390 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

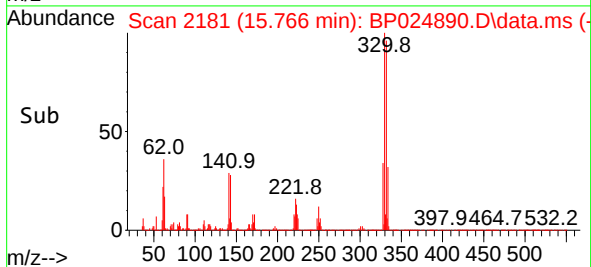
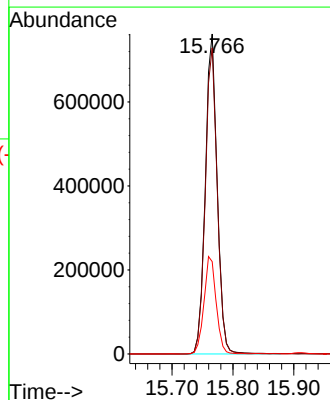
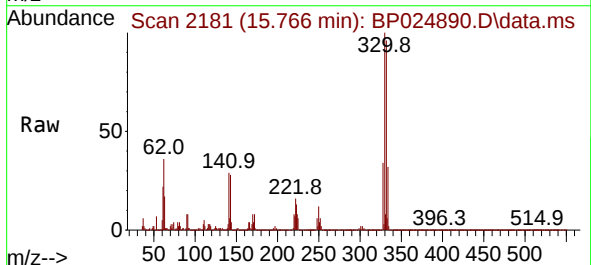
Instrument :
BNA_P
ClientSampleId :
PB168321BS

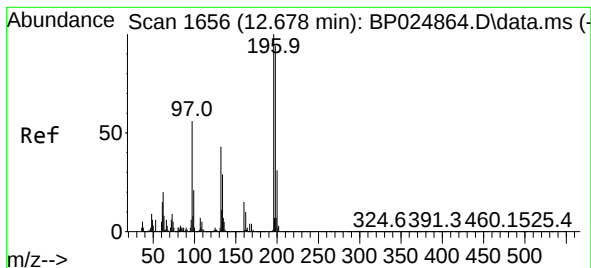
Tgt Ion:237 Resp: 891989
Ion Ratio Lower Upper
237 100
235 61.3 41.9 81.9
272 13.3 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 149.847 ng
RT: 15.766 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:330 Resp: 1030160
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 31.2 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 52.670 ng

RT: 12.672 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

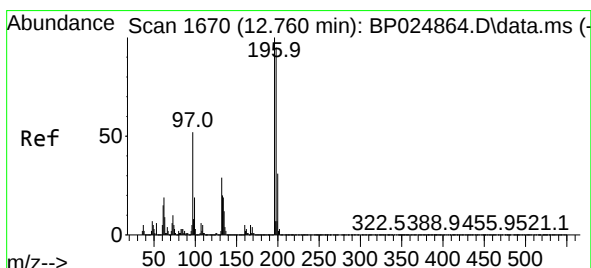
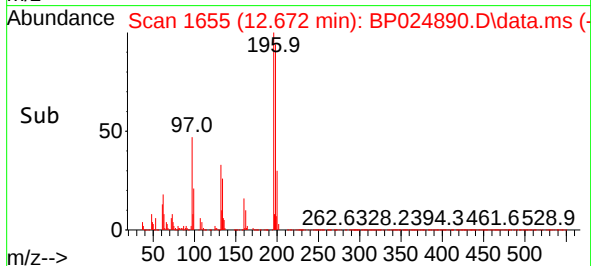
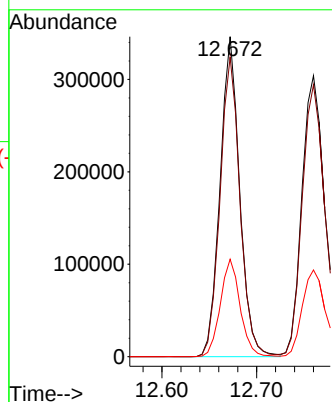
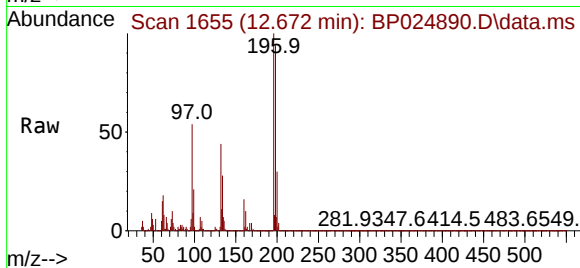
Tgt Ion:196 Resp: 499083

Ion Ratio Lower Upper

196 100

198 93.6 75.4 113.0

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 53.878 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Tgt Ion:196 Resp: 546738

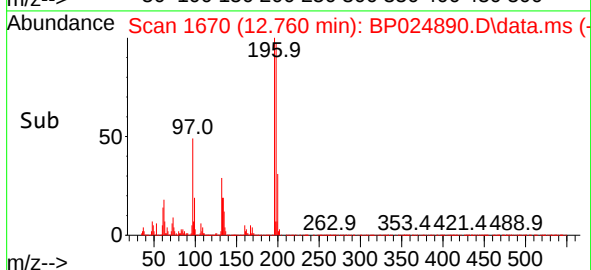
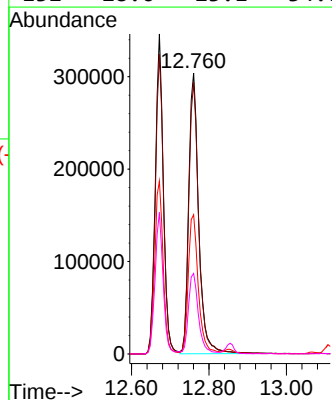
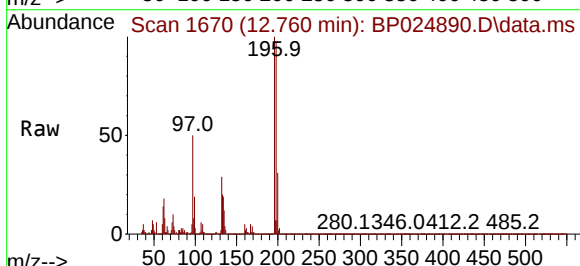
Ion Ratio Lower Upper

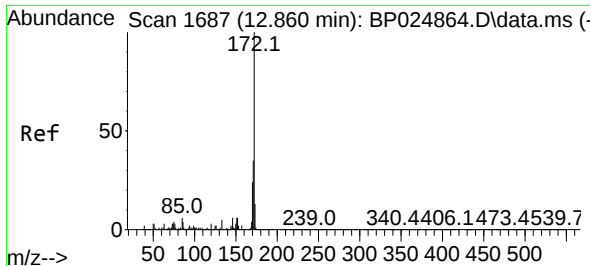
196 100

198 96.7 76.0 114.0

97 49.5 41.5 62.3

132 28.6 23.1 34.7

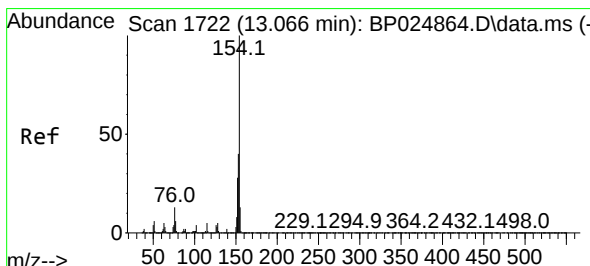
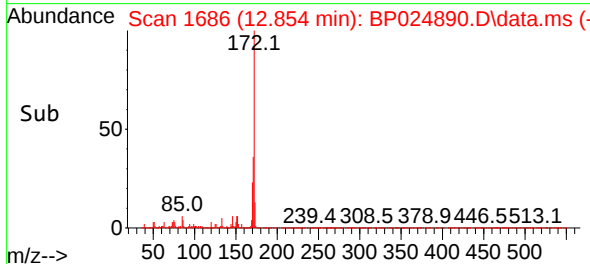
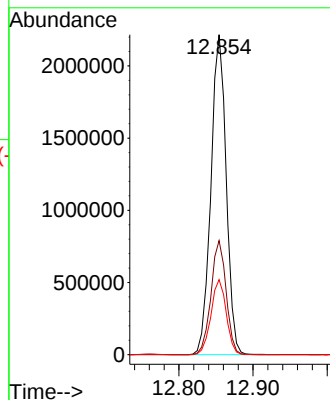
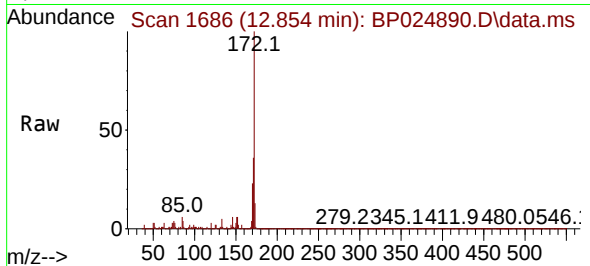




#45
2-Fluorobiphenyl
Concen: 85.871 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

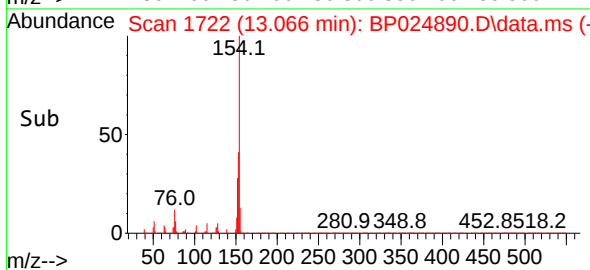
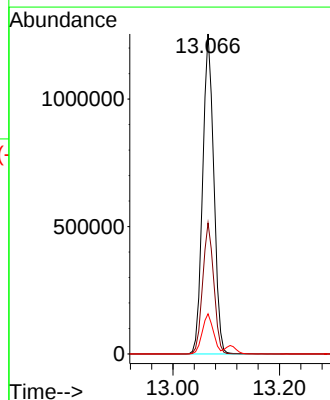
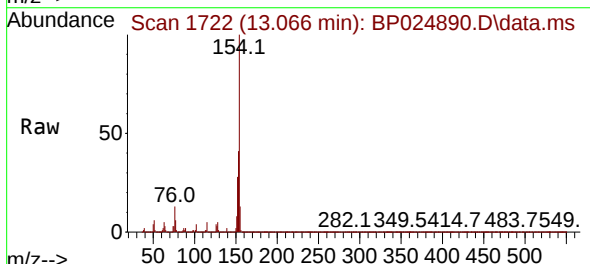
Instrument :
BNA_P
ClientSampleId :
PB168321BS

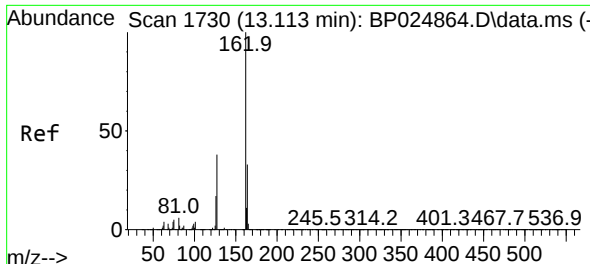
Tgt Ion:172 Resp: 3169651
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 50.406 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:154 Resp: 1821498
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 12.6 0.0 33.0

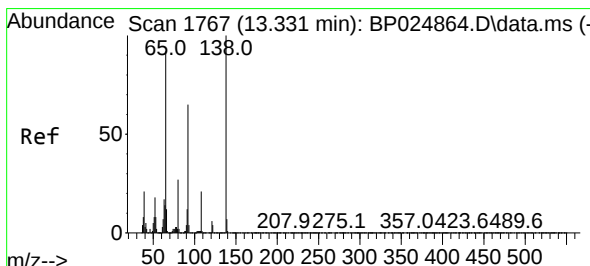
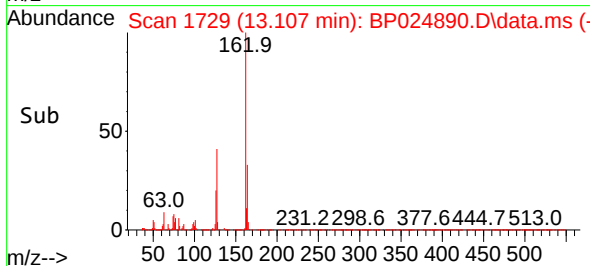
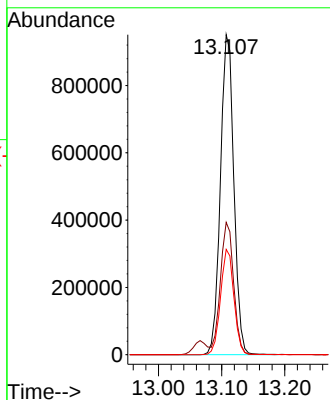
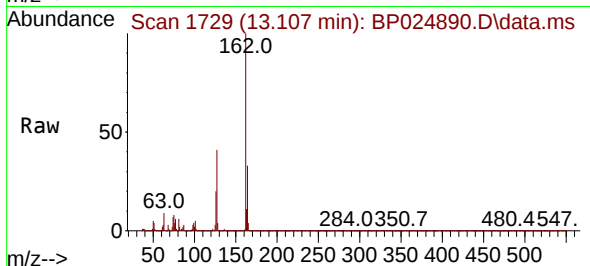




#47
2-Chloronaphthalene
Concen: 50.516 ng
RT: 13.107 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

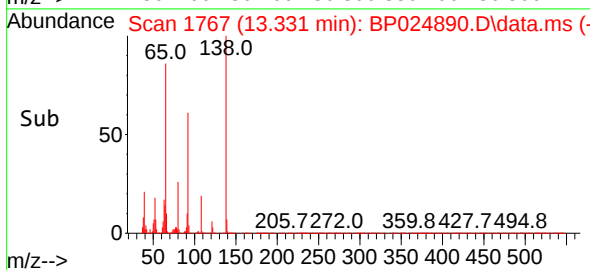
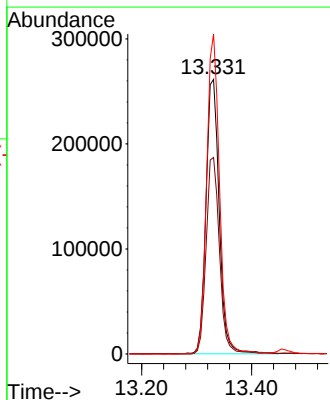
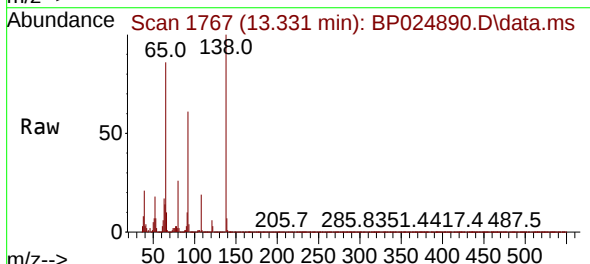
Instrument :
BNA_P
ClientSampleId :
PB168321BS

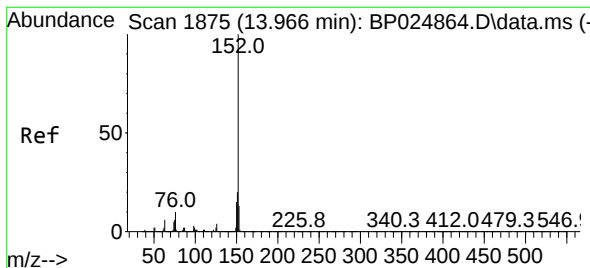
Tgt Ion:162 Resp: 1403016
Ion Ratio Lower Upper
162 100
127 41.4 32.5 48.7
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 51.286 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 65 Resp: 437906
Ion Ratio Lower Upper
65 100
92 71.6 56.8 85.2
138 116.5 86.9 130.3





#49

Acenaphthylene

Concen: 50.351 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

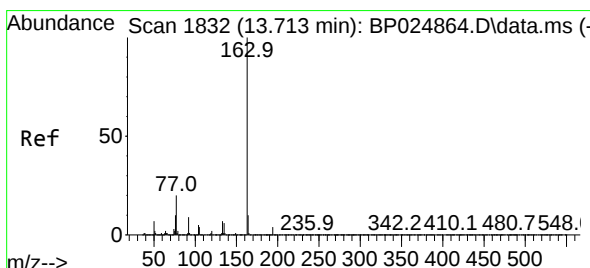
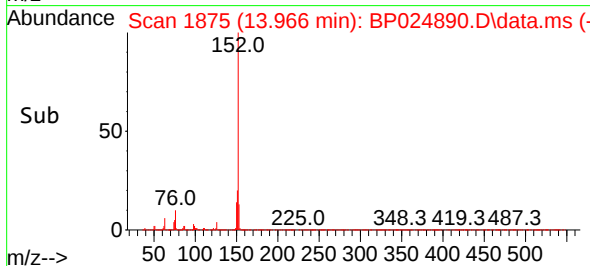
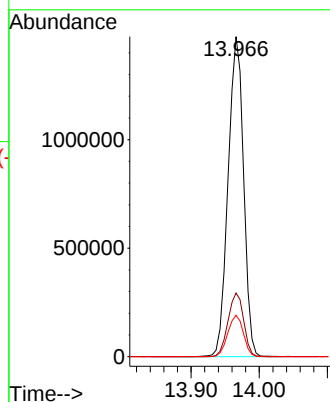
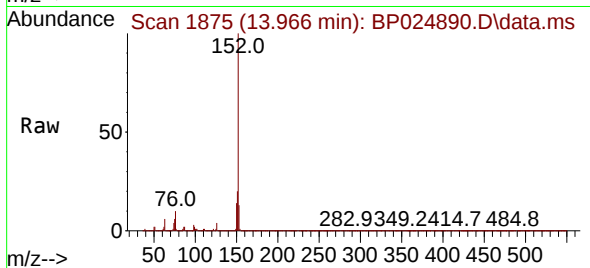
Tgt Ion:152 Resp: 2331682

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 48.238 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

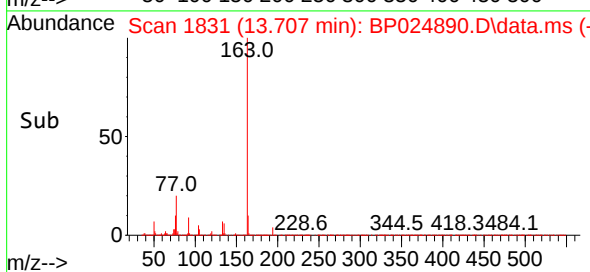
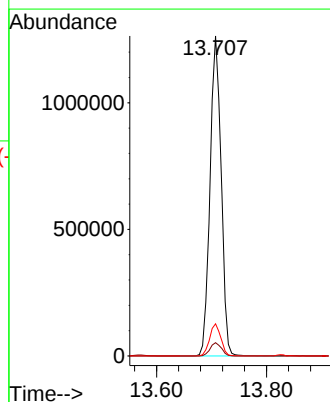
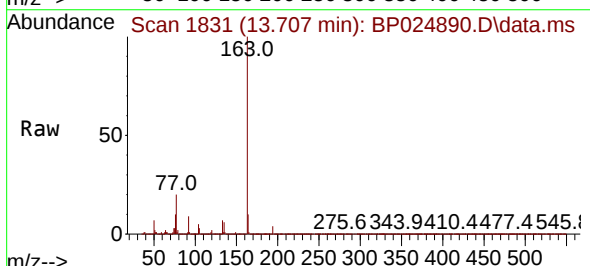
Tgt Ion:163 Resp: 1769408

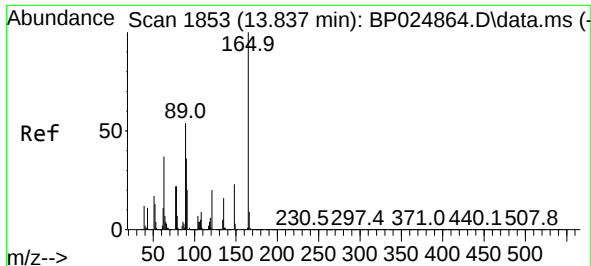
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.0 12.0

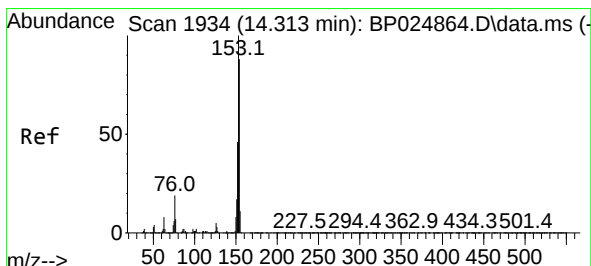
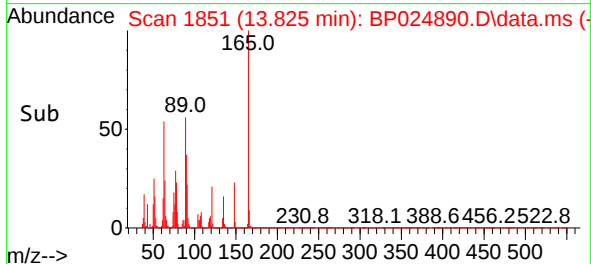
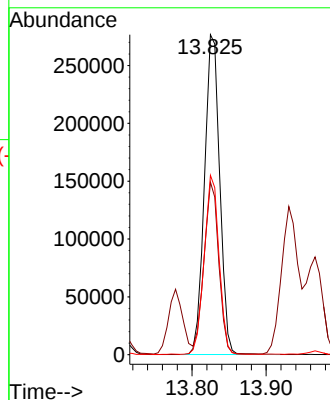
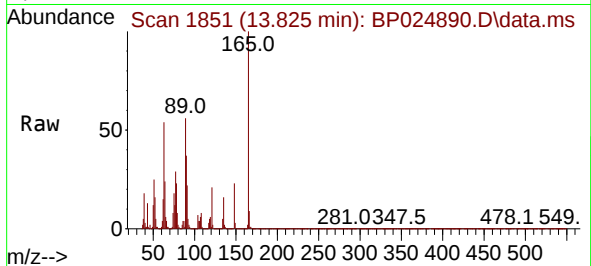




#51
2,6-Dinitrotoluene
Concen: 50.057 ng
RT: 13.825 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

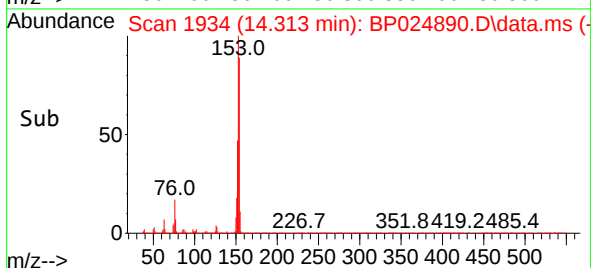
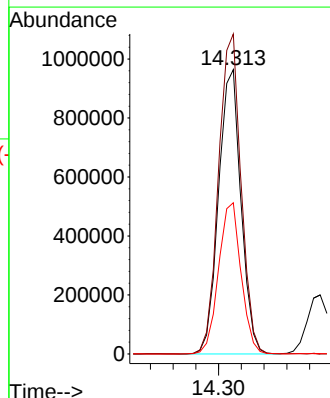
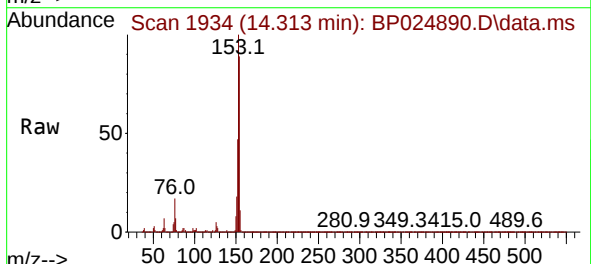
Instrument :
BNA_P
ClientSampleId :
PB168321BS

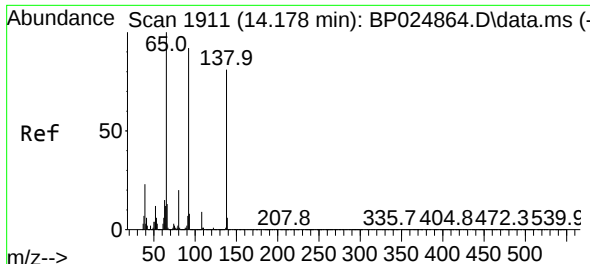
Tgt Ion:165 Resp: 395836
Ion Ratio Lower Upper
165 100
63 53.9 41.8 62.8
89 56.0 43.1 64.7



#52
Acenaphthene
Concen: 49.784 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:154 Resp: 1321096
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 53.2 42.1 63.1

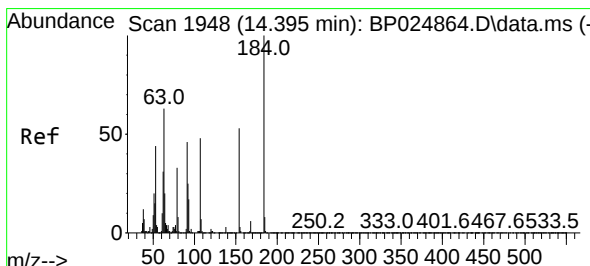
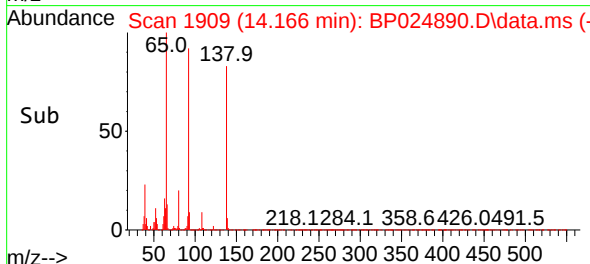
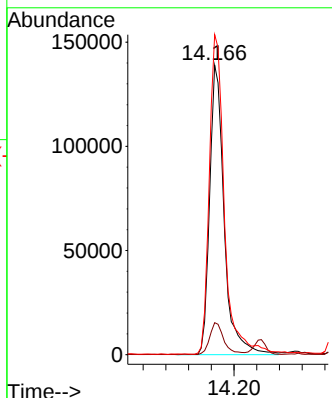
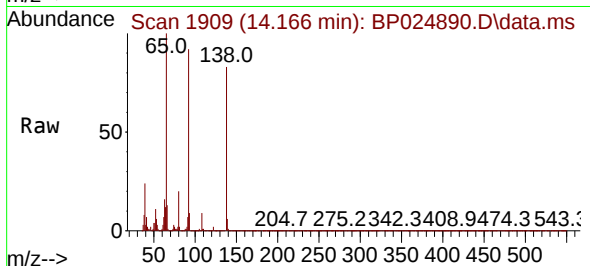




#53
3-Nitroaniline
Concen: 29.927 ng
RT: 14.166 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

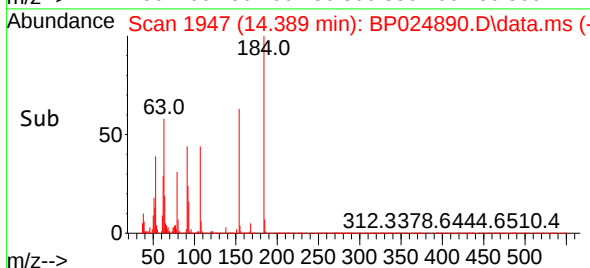
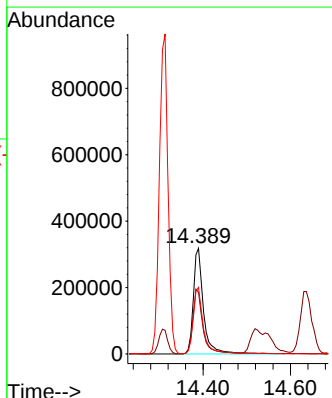
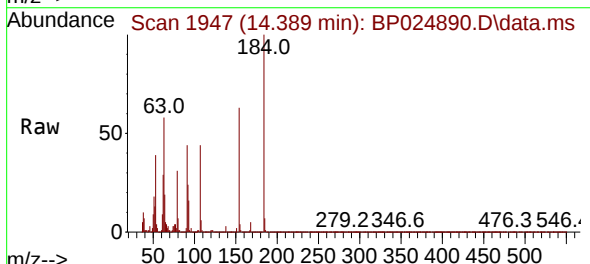
Instrument :
BNA_P
ClientSampleId :
PB168321BS

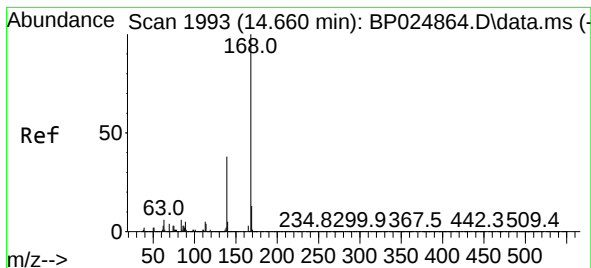
Tgt Ion:138 Resp: 245591
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 110.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 98.763 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:184 Resp: 515768
Ion Ratio Lower Upper
184 100
63 58.3 51.0 76.4
154 62.9 51.7 77.5

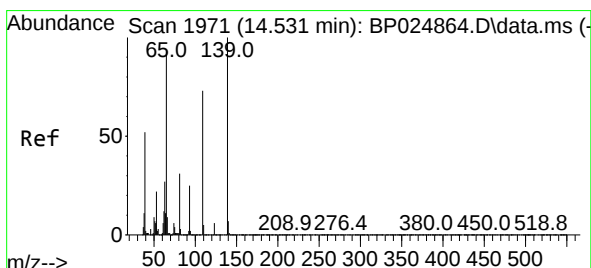
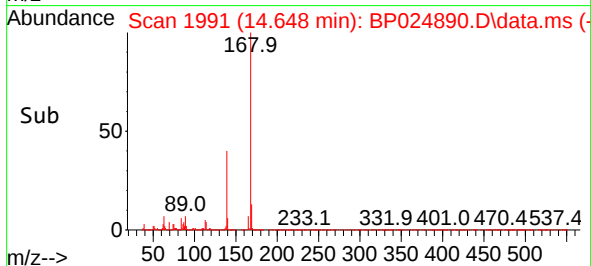
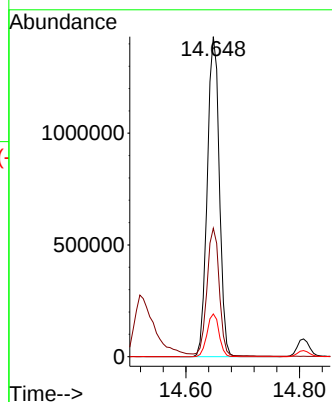
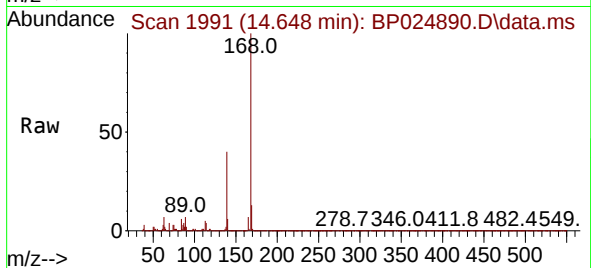




#55
Dibenzofuran
Concen: 49.294 ng
RT: 14.648 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

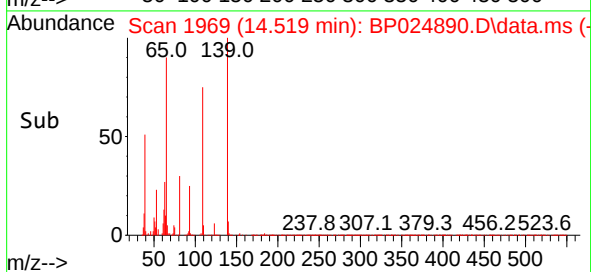
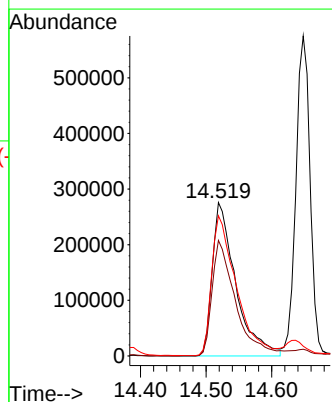
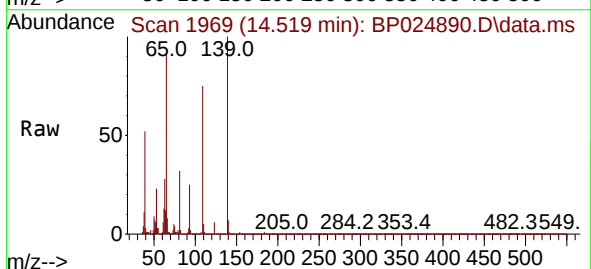
Instrument :
BNA_P
ClientSampleId :
PB168321BS

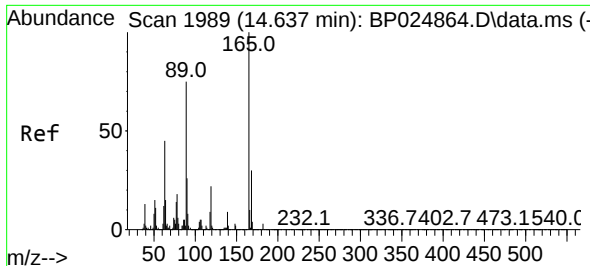
Tgt Ion:168 Resp: 2099718
Ion Ratio Lower Upper
168 100
139 40.2 31.6 47.4
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 97.253 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:139 Resp: 684342
Ion Ratio Lower Upper
139 100
109 75.3 53.1 93.1
65 91.3 73.0 113.0

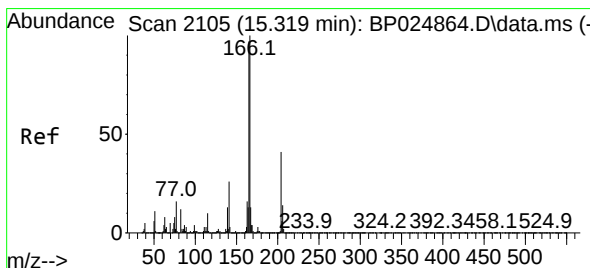
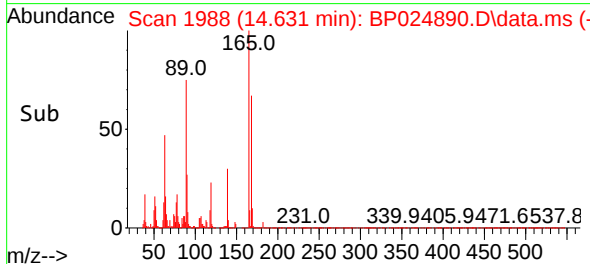
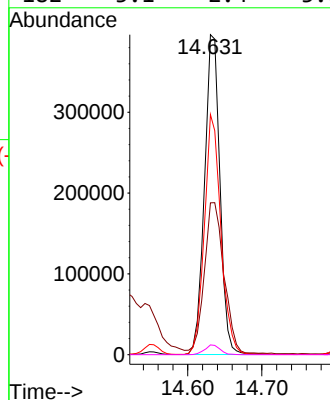
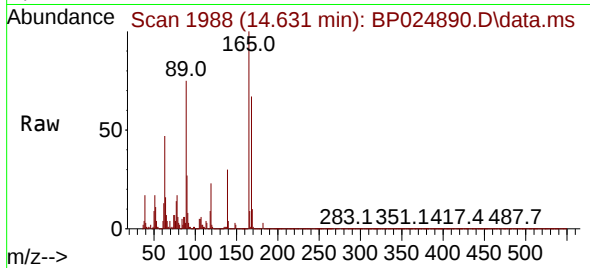




#57
2,4-Dinitrotoluene
Concen: 51.752 ng
RT: 14.631 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

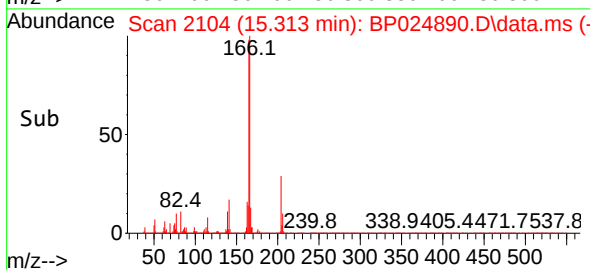
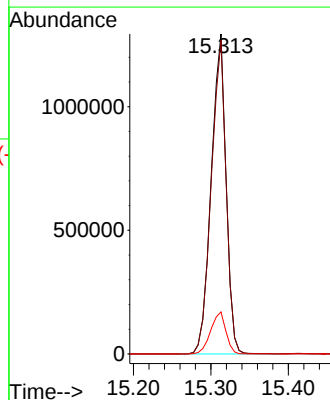
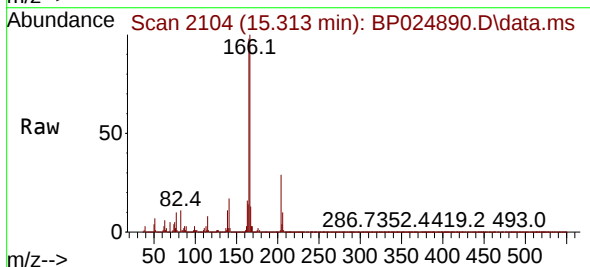
Instrument :
BNA_P
ClientSampleId :
PB168321BS

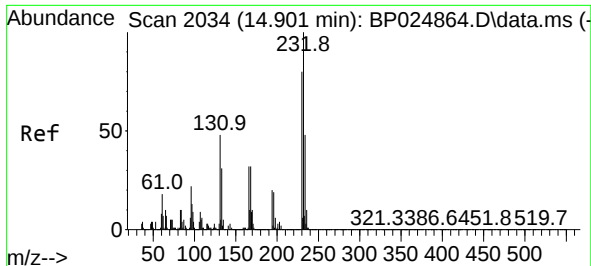
Tgt Ion:165 Resp: 572454
Ion Ratio Lower Upper
165 100
63 47.4 37.0 55.6
89 75.0 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 50.085 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:166 Resp: 1723413
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.2 10.6 16.0

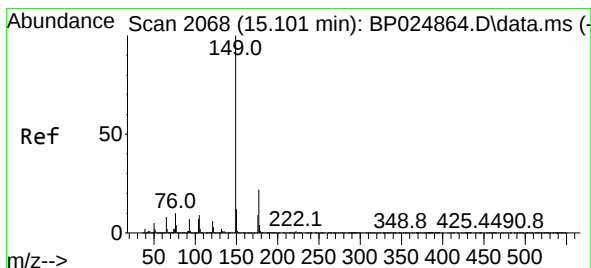
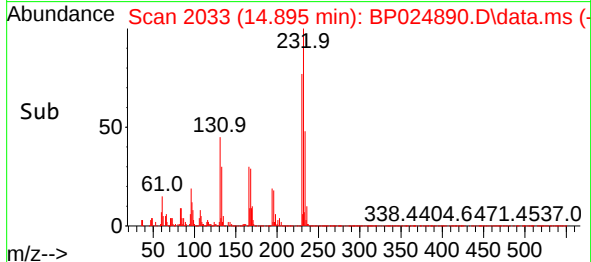
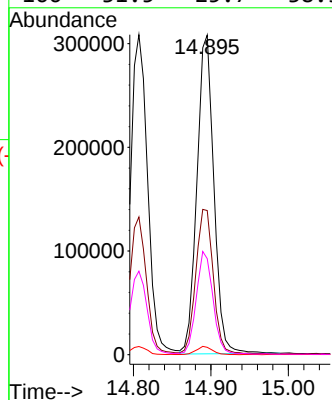
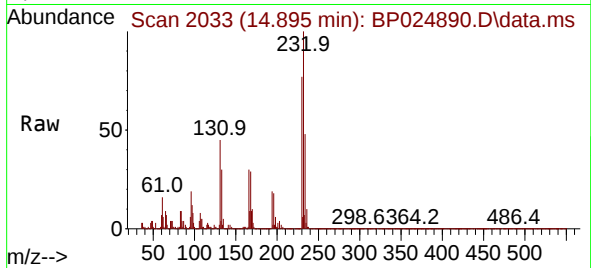




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.565 ng
RT: 14.895 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

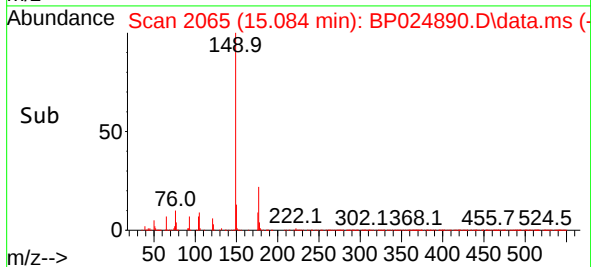
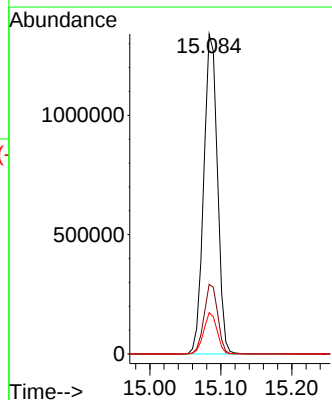
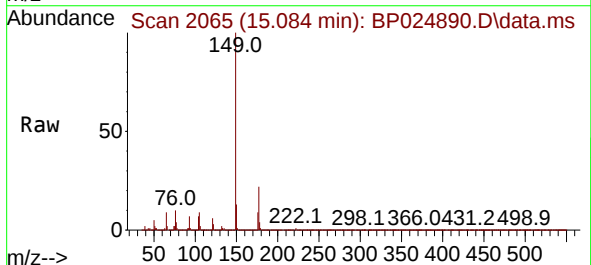
Instrument :
BNA_P
ClientSampleId :
PB168321BS

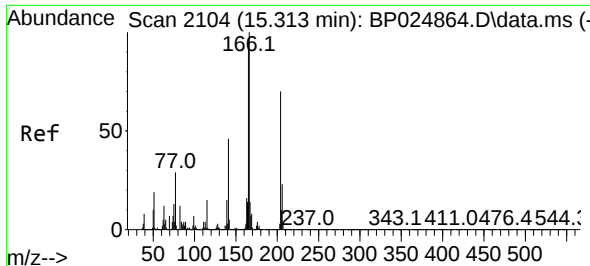
Tgt Ion:232 Resp: 467525
Ion Ratio Lower Upper
232 100
131 47.3 38.2 57.2
130 2.5 2.1 3.1
166 31.5 25.7 38.5



#60
Diethylphthalate
Concen: 49.386 ng
RT: 15.084 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:149 Resp: 1805401
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.9 9.8 14.6

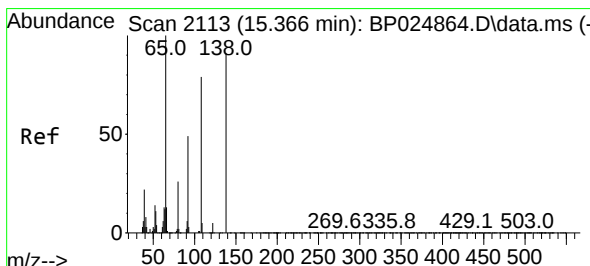
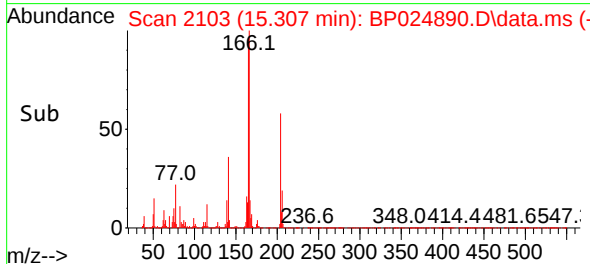
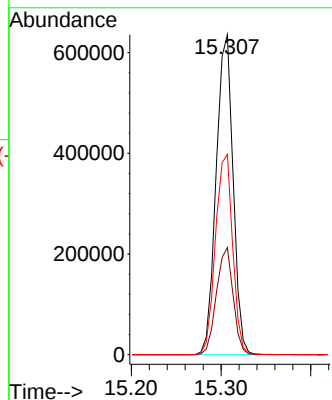
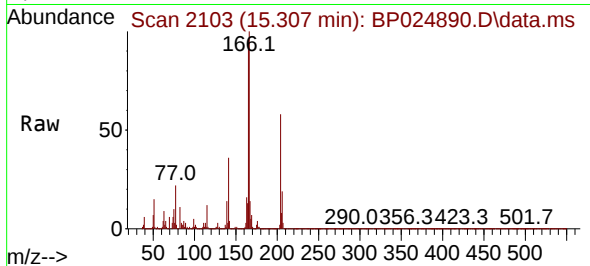




#61
4-Chlorophenyl-phenylether
Concen: 49.546 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

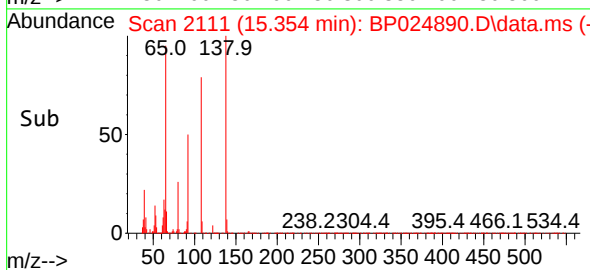
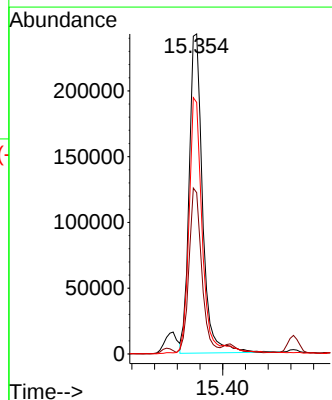
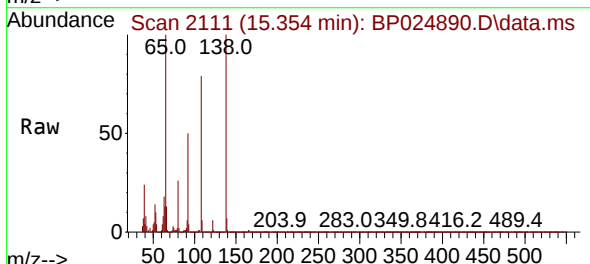
Instrument :
BNA_P
ClientSampleId :
PB168321BS

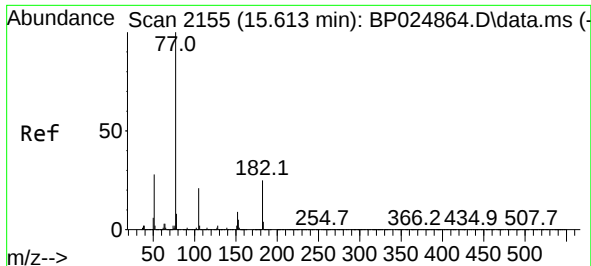
Tgt Ion:204 Resp: 833591
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 62.6 52.4 78.6



#62
4-Nitroaniline
Concen: 53.405 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:138 Resp: 397374
Ion Ratio Lower Upper
138 100
92 50.4 33.5 73.5
108 78.6 65.1 105.1



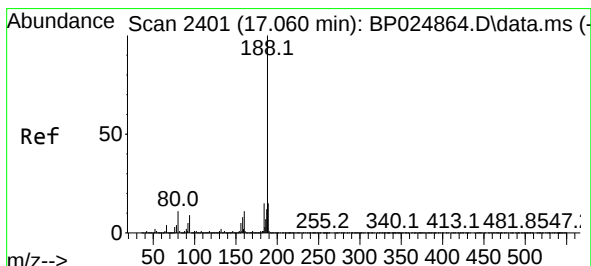
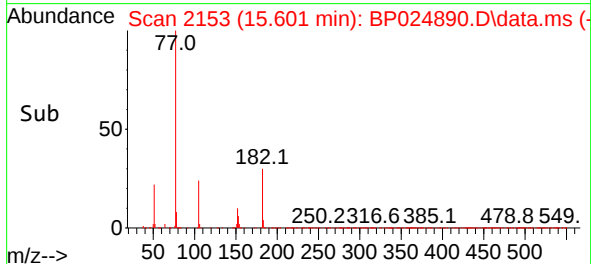
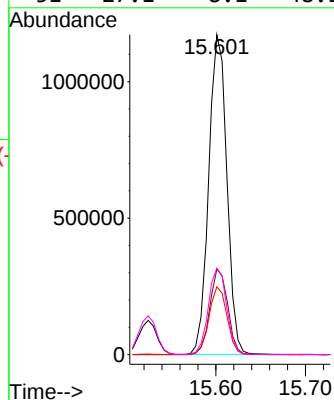
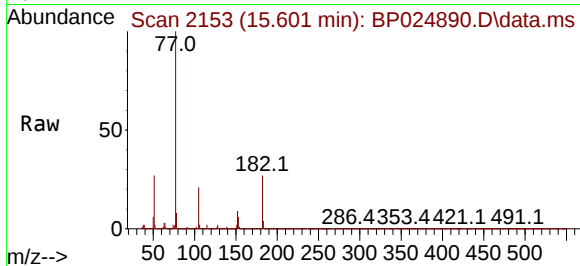


#63
Azobenzene
Concen: 49.012 ng
RT: 15.601 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Instrument :
BNA_P
ClientSampleId :
PB168321BS

Tgt Ion: 77 Resp: 1643264

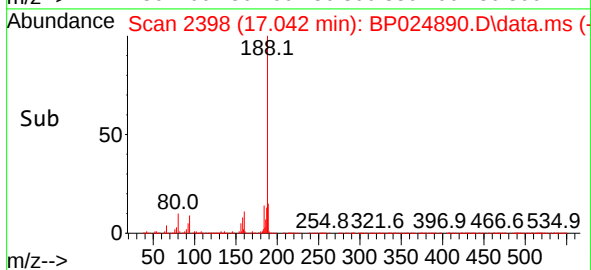
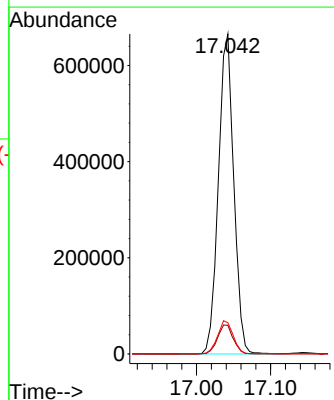
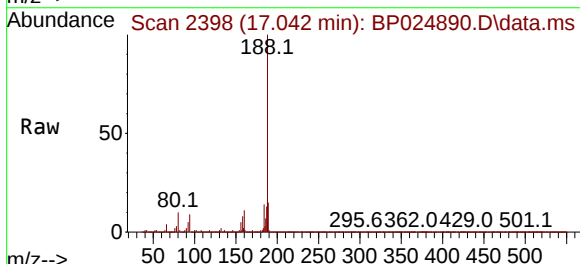
Ion	Ratio	Lower	Upper
77	100		
182	26.7	5.4	45.4
105	21.2	0.8	40.8
51	27.1	8.1	48.1

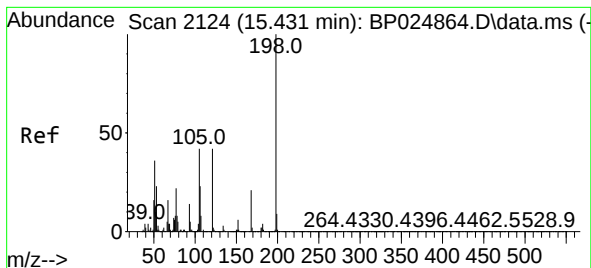


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion: 188 Resp: 957018

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.8	8.5	12.7

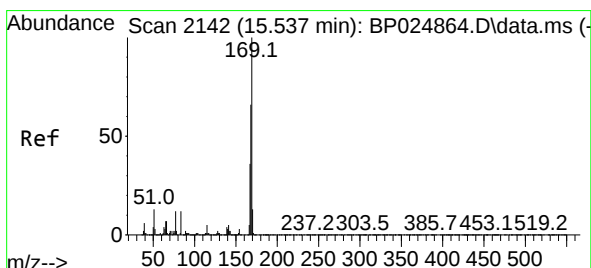
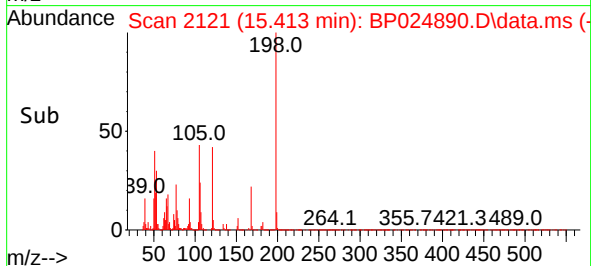
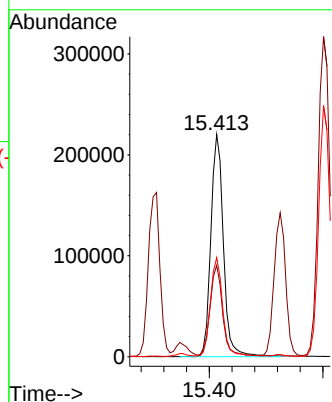
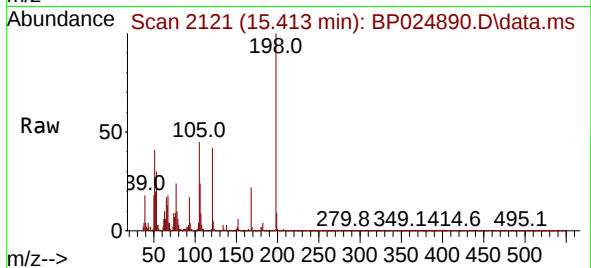




#65
4,6-Dinitro-2-methylphenol
Concen: 53.454 ng
RT: 15.413 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

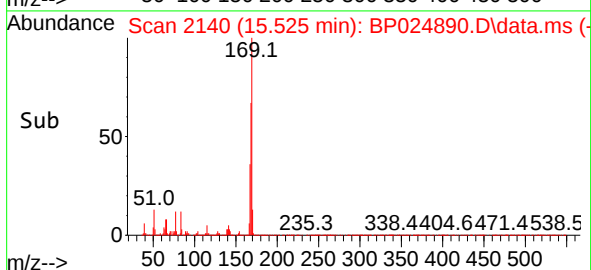
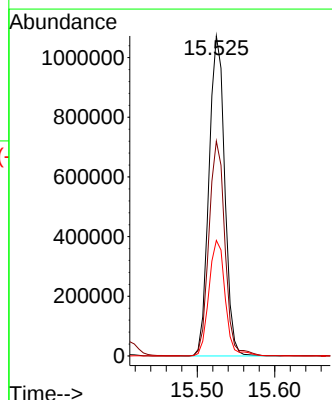
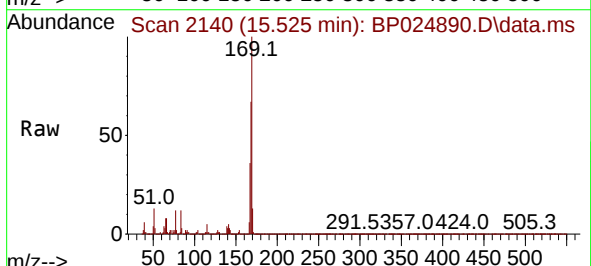
Instrument :
BNA_P
ClientSampleId :
PB168321BS

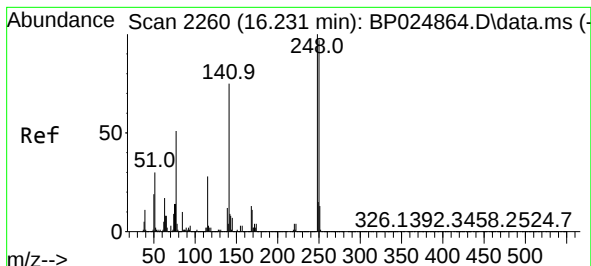
Tgt Ion:198 Resp: 336147
Ion Ratio Lower Upper
198 100
51 41.1 19.2 59.2
105 44.6 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 50.948 ng
RT: 15.525 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:169 Resp: 1511280
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 36.1 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 50.002 ng

RT: 16.219 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

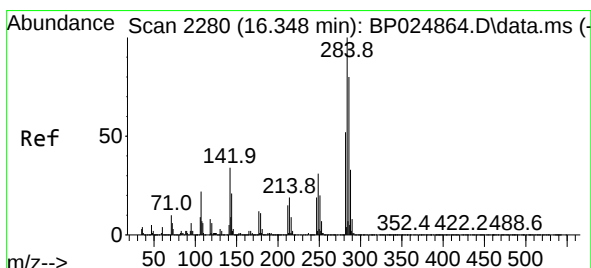
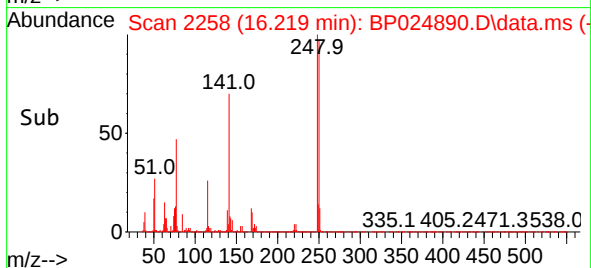
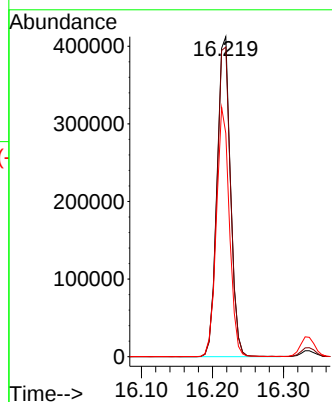
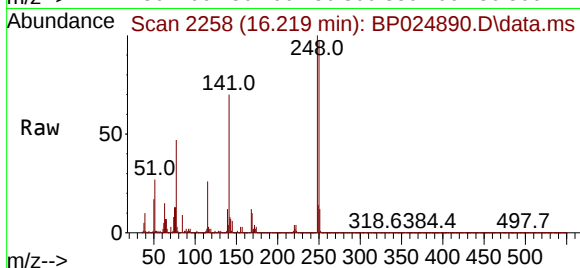
Tgt Ion:248 Resp: 539932

Ion Ratio Lower Upper

248 100

250 96.8 77.4 116.2

141 69.8 59.9 89.9



#68

Hexachlorobenzene

Concen: 50.190 ng

RT: 16.336 min Scan# 2278

Delta R.T. -0.012 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

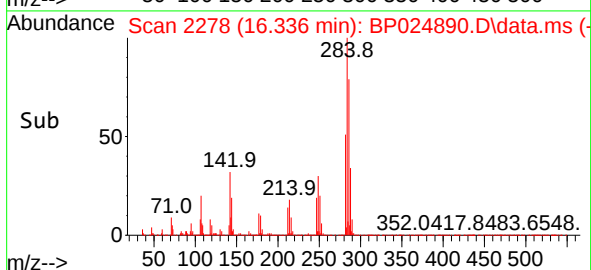
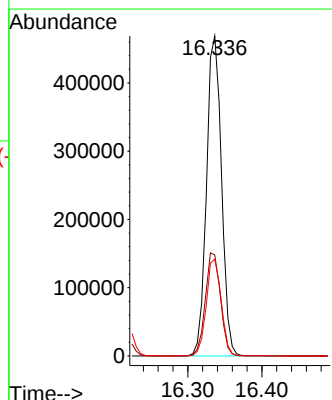
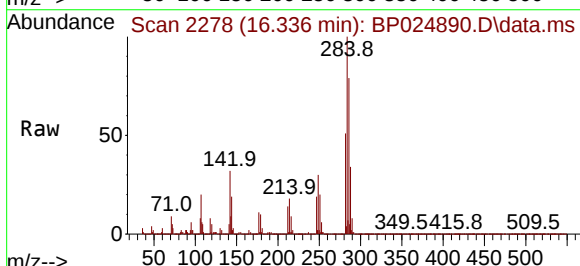
Tgt Ion:284 Resp: 657024

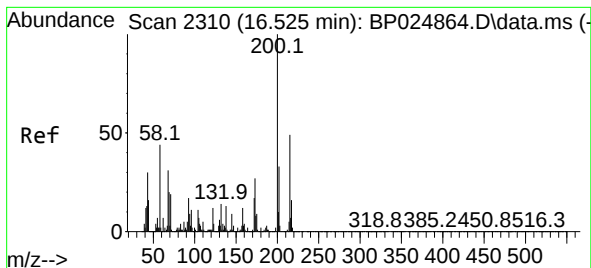
Ion Ratio Lower Upper

284 100

142 31.6 27.0 40.6

249 30.3 25.0 37.6





#69

Atrazine

Concen: 51.753 ng

RT: 16.507 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

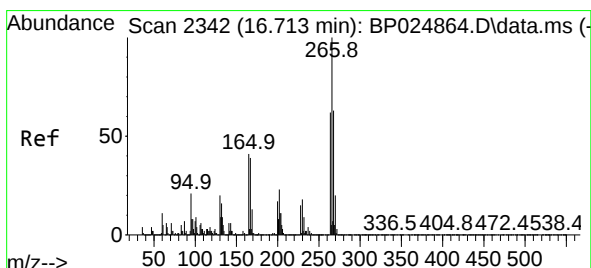
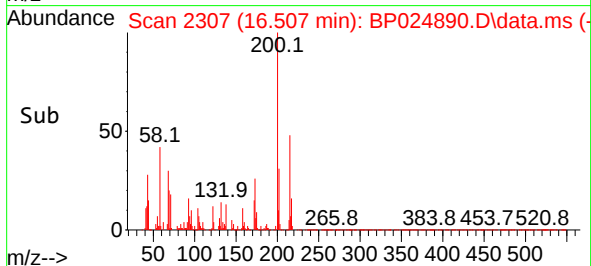
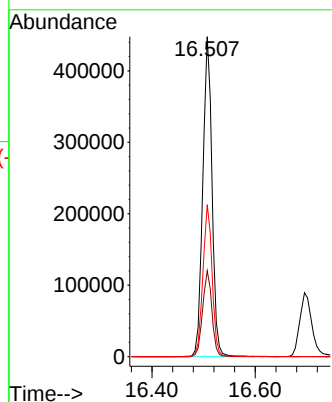
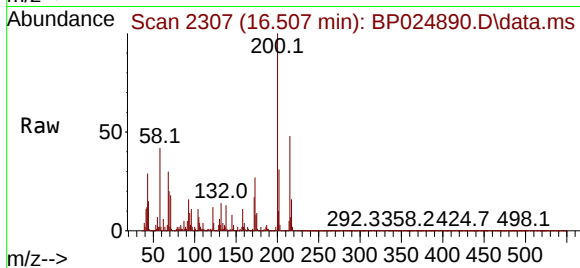
Tgt Ion:200 Resp: 556517

Ion Ratio Lower Upper

200 100

173 26.8 6.9 46.9

215 47.5 28.7 68.7



#70

Pentachlorophenol

Concen: 121.644 ng

RT: 16.695 min Scan# 2339

Delta R.T. -0.018 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

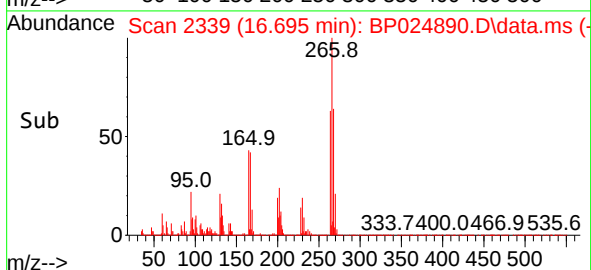
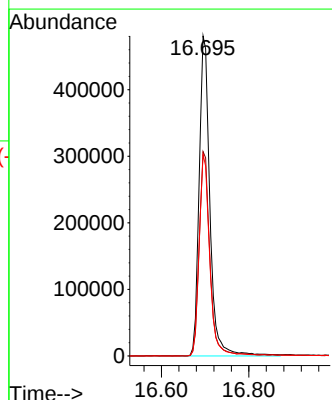
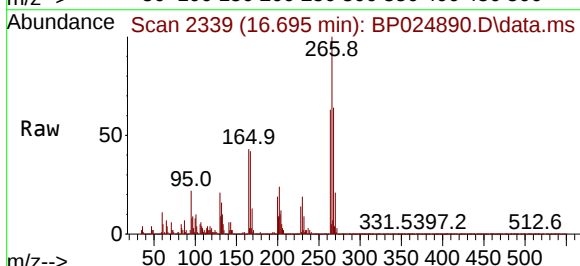
Tgt Ion:266 Resp: 824146

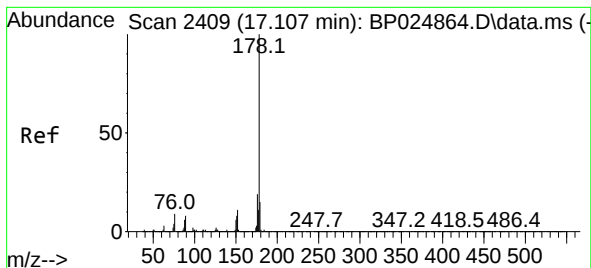
Ion Ratio Lower Upper

266 100

268 63.8 50.6 76.0

264 63.0 49.7 74.5





#71

Phenanthrene

Concen: 50.286 ng

RT: 17.083 min Scan# 2405

Delta R.T. -0.024 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

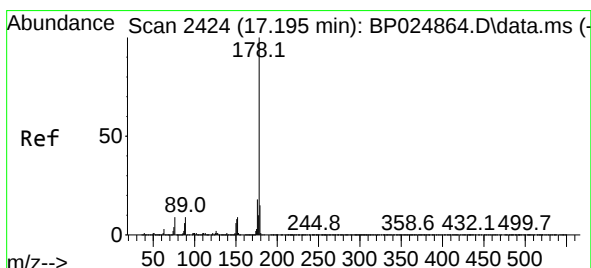
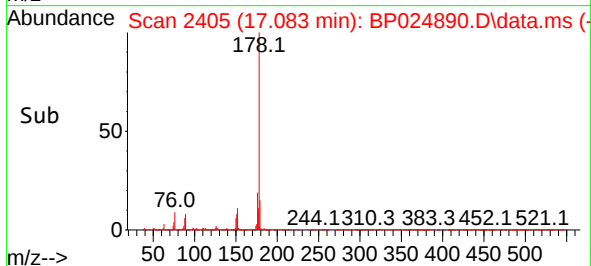
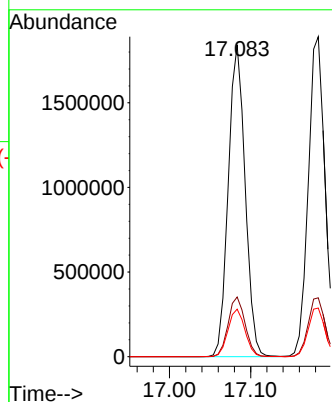
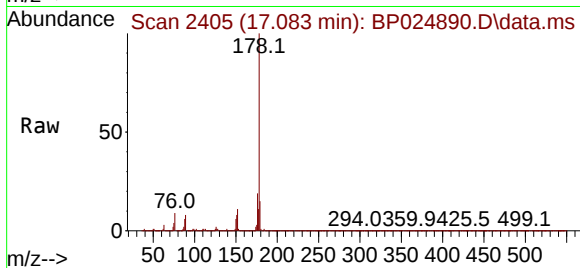
Tgt Ion:178 Resp: 2659435

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.2 12.1 18.1



#72

Anthracene

Concen: 50.555 ng

RT: 17.183 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

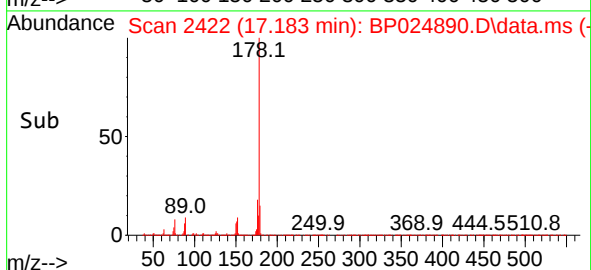
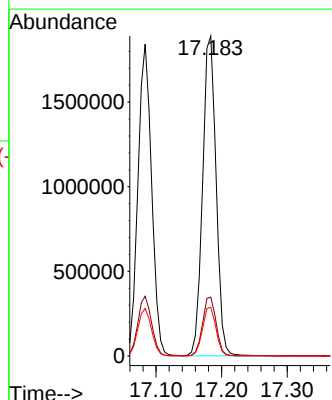
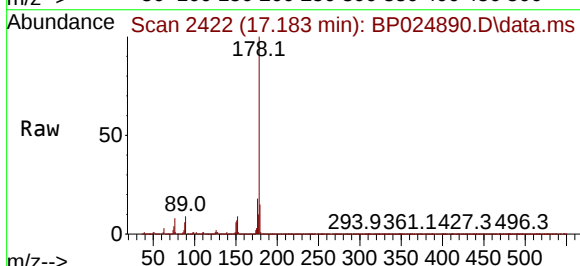
Tgt Ion:178 Resp: 2707798

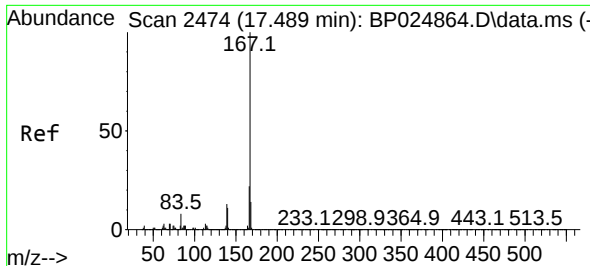
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.2 12.3 18.5

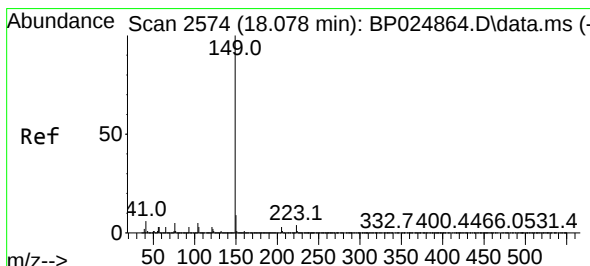
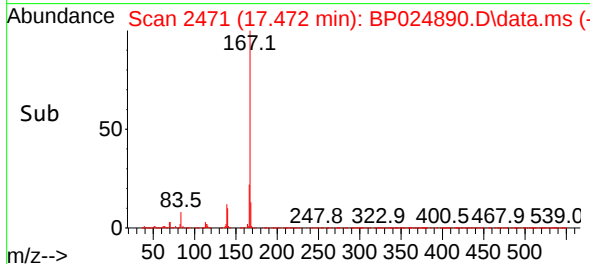
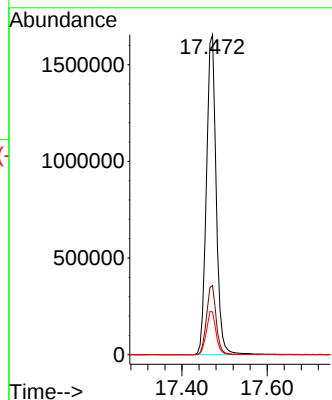
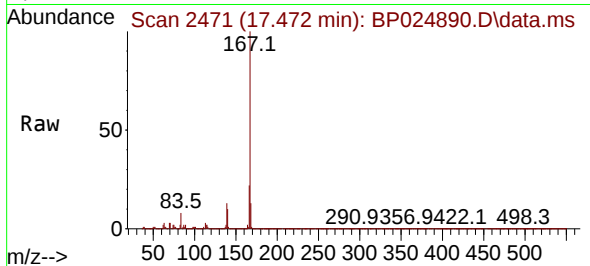




#73
 Carbazole
 Concen: 52.887 ng
 RT: 17.472 min Scan# 2471
 Delta R.T. -0.018 min
 Lab File: BP024890.D
 Acq: 10 Jun 2025 12:14

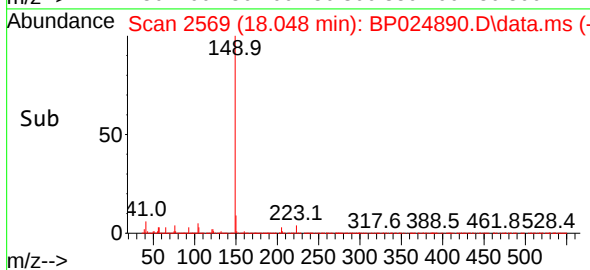
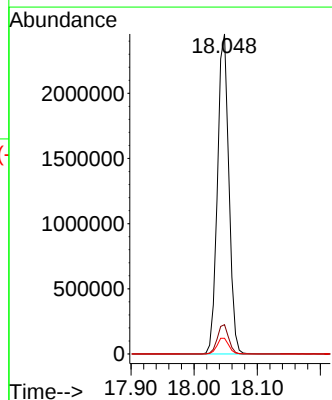
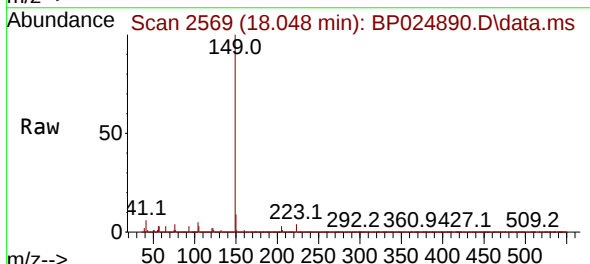
Instrument :
 BNA_P
 ClientSampleId :
 PB168321BS

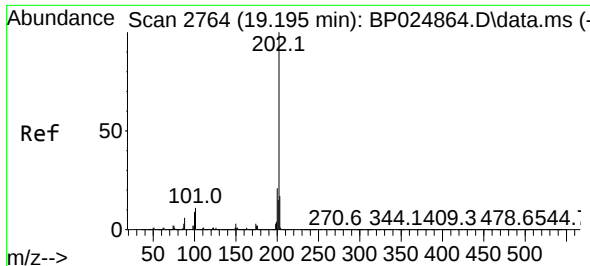
Tgt Ion:167 Resp: 2625632
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 49.855 ng
 RT: 18.048 min Scan# 2569
 Delta R.T. -0.030 min
 Lab File: BP024890.D
 Acq: 10 Jun 2025 12:14

Tgt Ion:149 Resp: 3066652
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 4.2 6.2

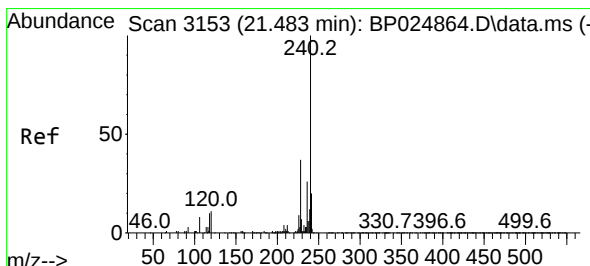
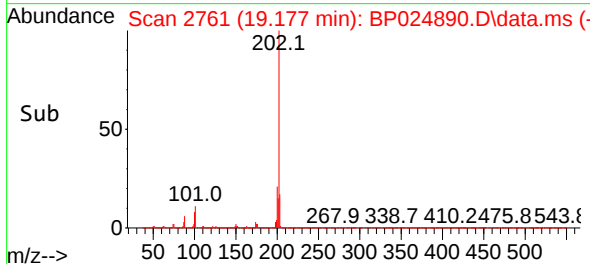
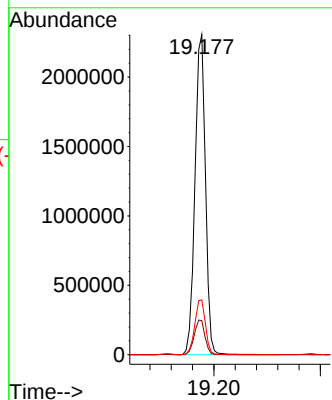
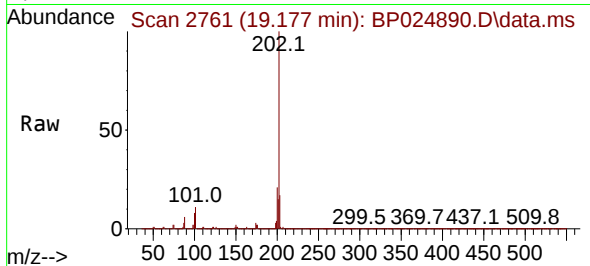




#75
Fluoranthene
Concen: 51.139 ng
RT: 19.177 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

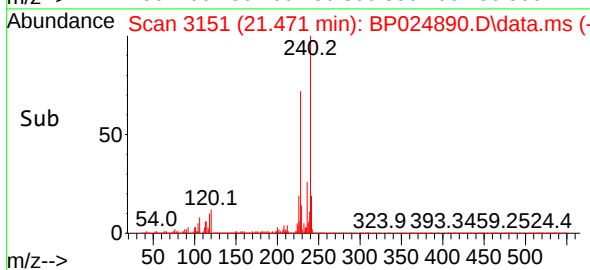
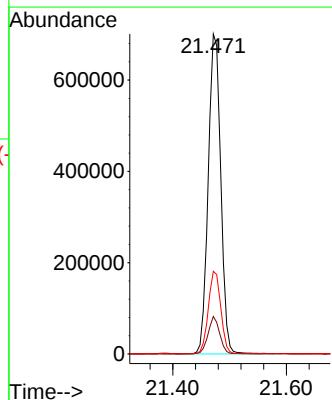
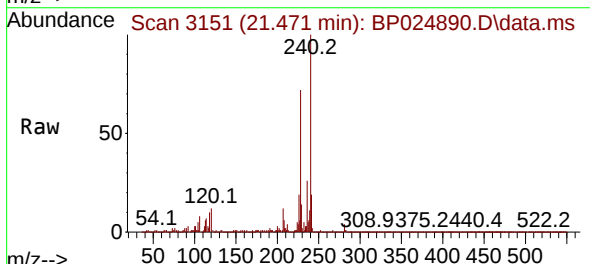
Instrument :
BNA_P
ClientSampleId :
PB168321BS

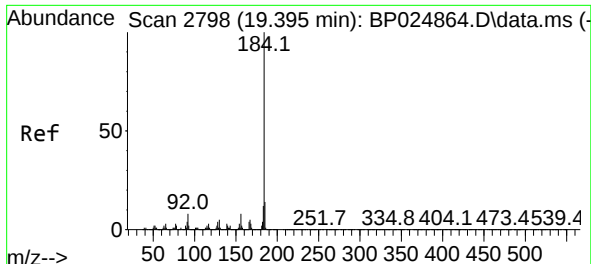
Tgt Ion:202 Resp: 3134656
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.471 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:240 Resp: 1068770
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.8 20.9 31.3

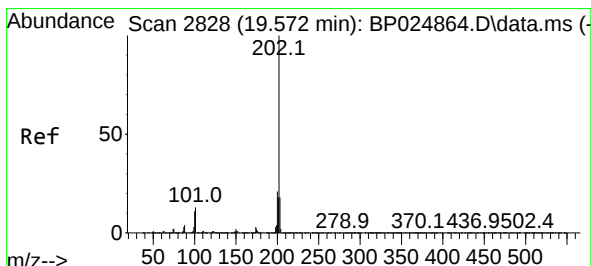
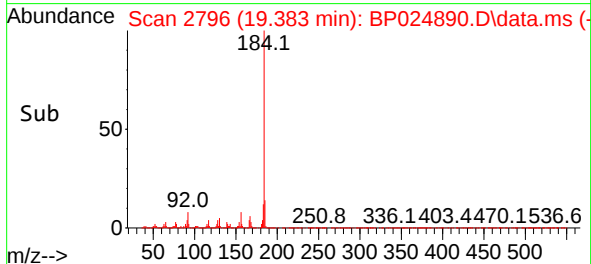
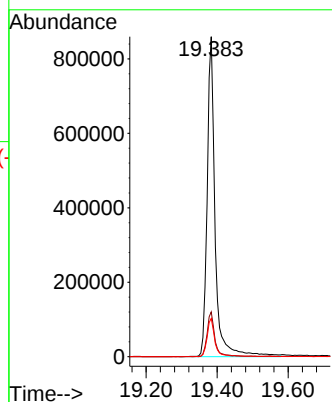
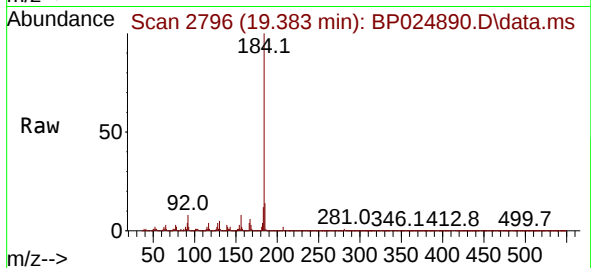




#77
Benzidine
Concen: 40.475 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

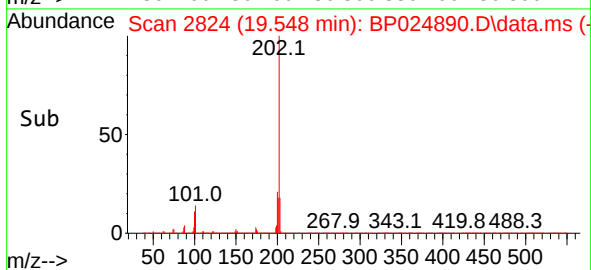
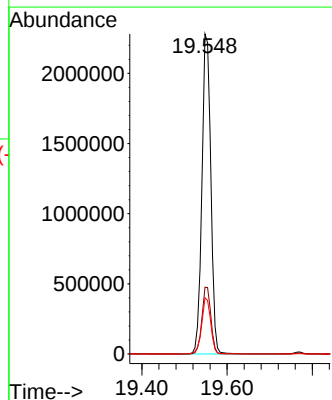
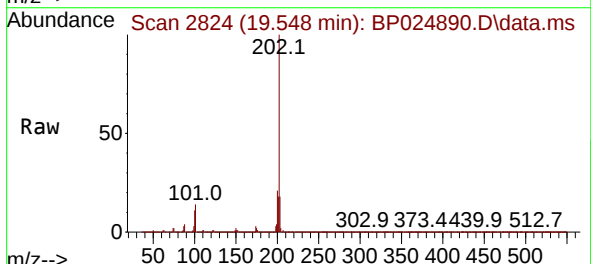
Instrument :
BNA_P
ClientSampleId :
PB168321BS

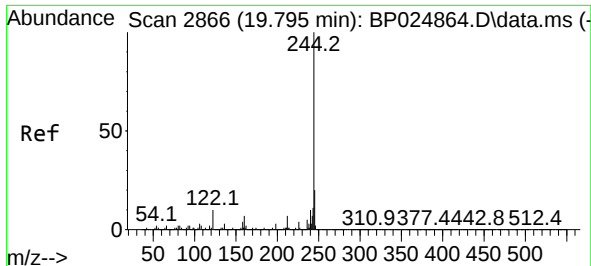
Tgt Ion:184 Resp: 1339792
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 12.0 9.5 14.3



#78
Pyrene
Concen: 49.418 ng
RT: 19.548 min Scan# 2824
Delta R.T. -0.024 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:202 Resp: 3299696
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.6 14.0 21.0

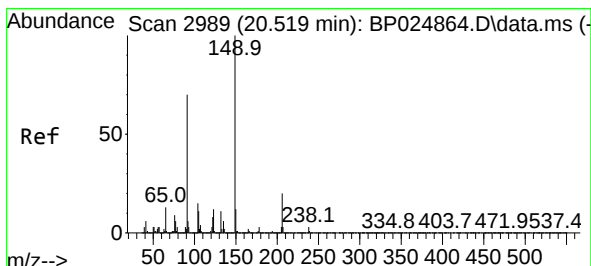
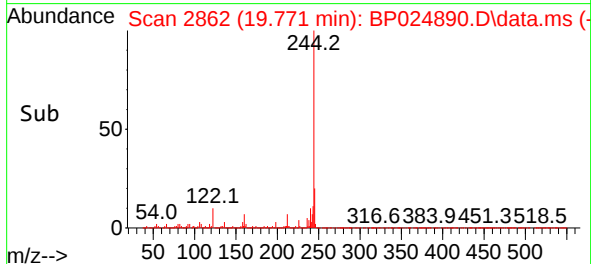
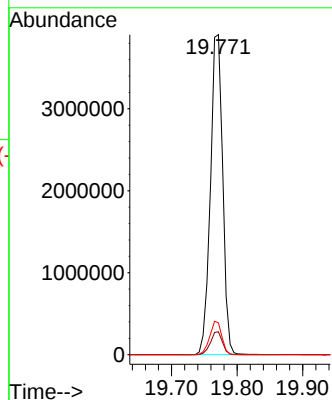
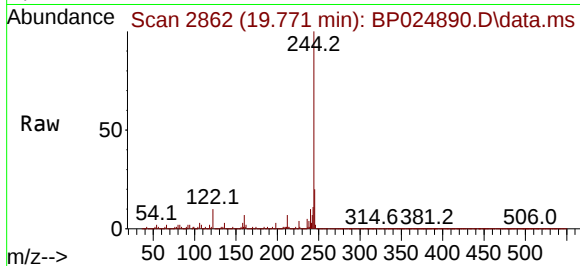




#79
 Terphenyl-d14
 Concen: 85.426 ng
 RT: 19.771 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP024890.D
 Acq: 10 Jun 2025 12:14

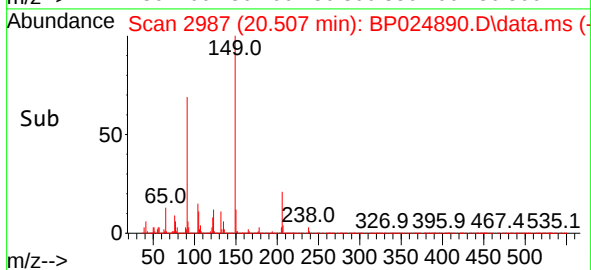
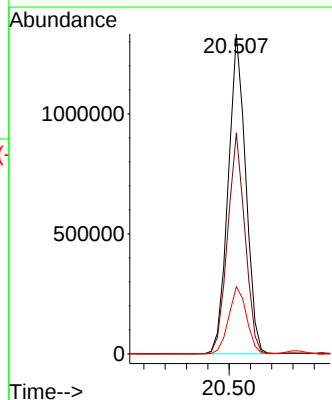
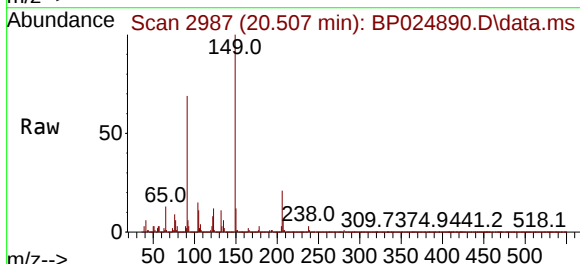
Instrument :
 BNA_P
 ClientSampleId :
 PB168321BS

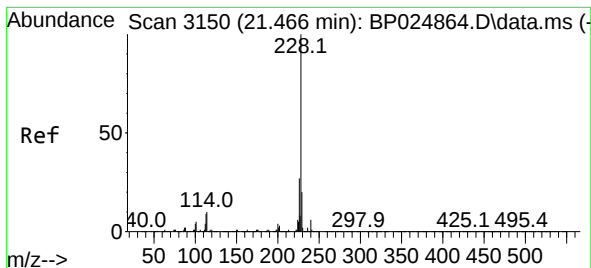
Tgt Ion:244 Resp: 5094182
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 9.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 49.599 ng
 RT: 20.507 min Scan# 2987
 Delta R.T. -0.012 min
 Lab File: BP024890.D
 Acq: 10 Jun 2025 12:14

Tgt Ion:149 Resp: 1516978
 Ion Ratio Lower Upper
 149 100
 91 69.1 55.8 83.8
 206 21.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 51.379 ng

RT: 21.454 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

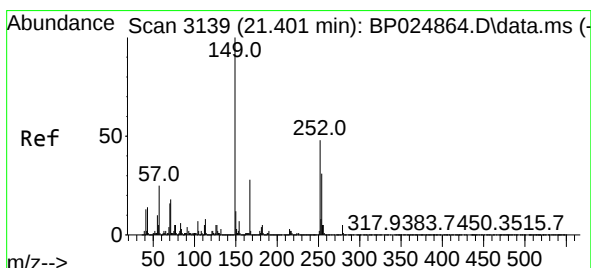
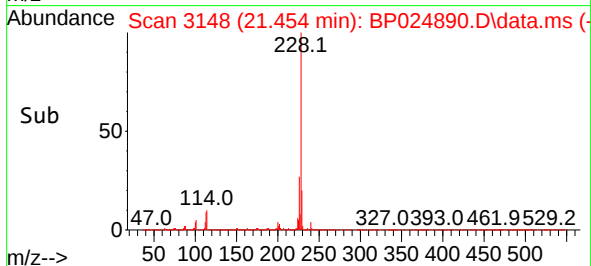
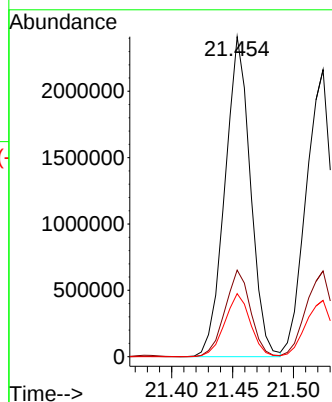
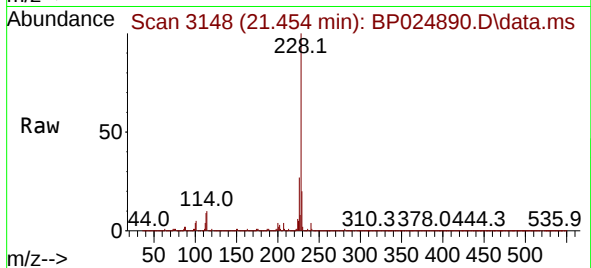
Tgt Ion:228 Resp: 3512085

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.309 ng

RT: 21.377 min Scan# 3135

Delta R.T. -0.024 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

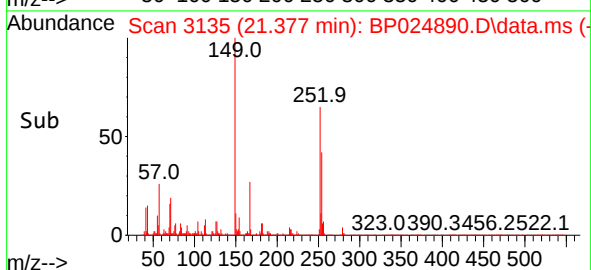
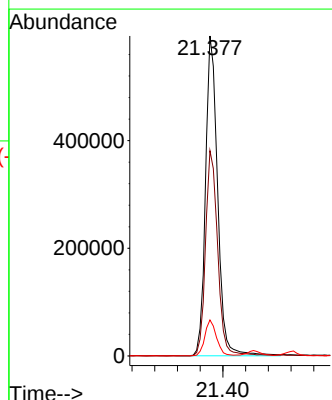
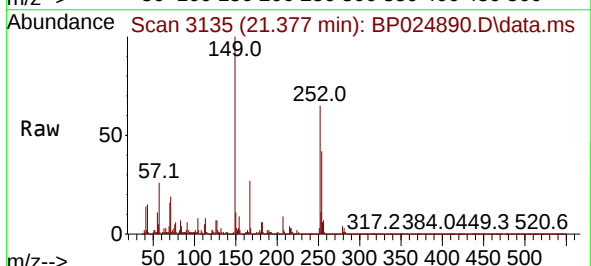
Tgt Ion:252 Resp: 876789

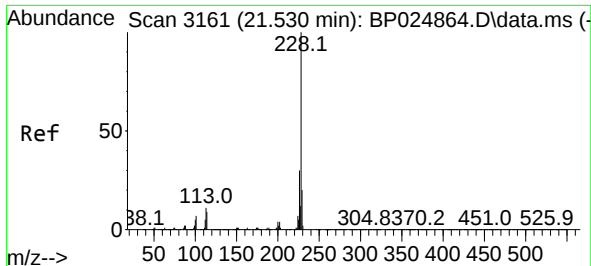
Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

126 11.2 8.6 12.8





#83

Chrysene

Concen: 50.512 ng

RT: 21.524 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

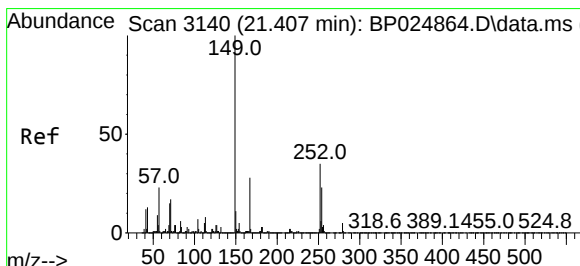
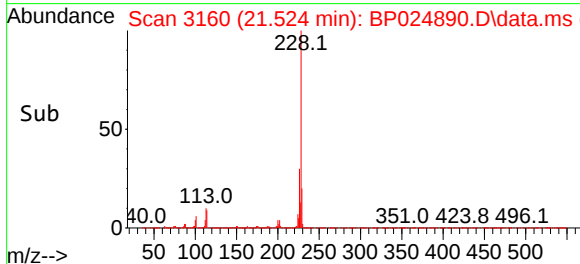
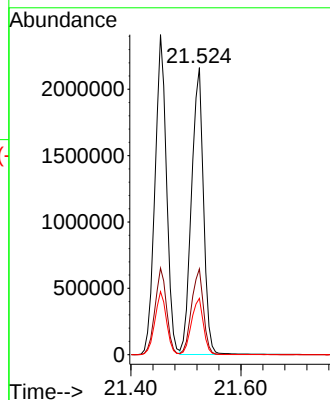
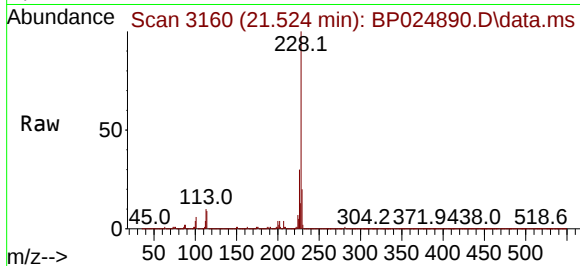
Tgt Ion:228 Resp: 3271623

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.052 ng

RT: 21.389 min Scan# 3137

Delta R.T. -0.018 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

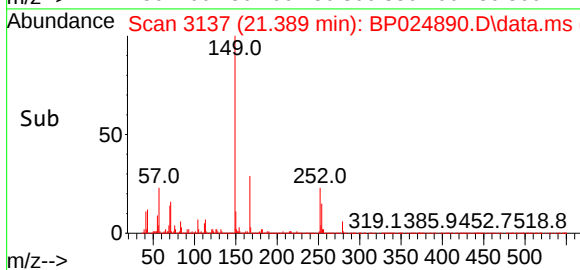
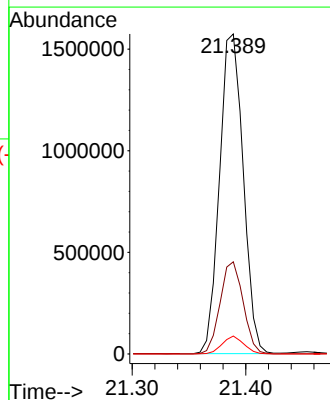
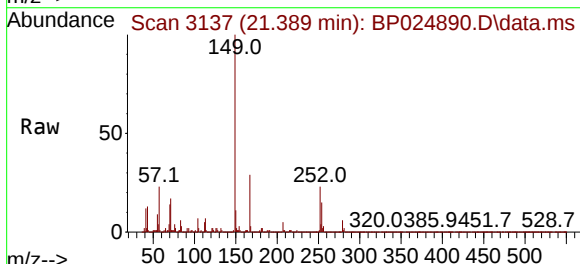
Tgt Ion:149 Resp: 2280932

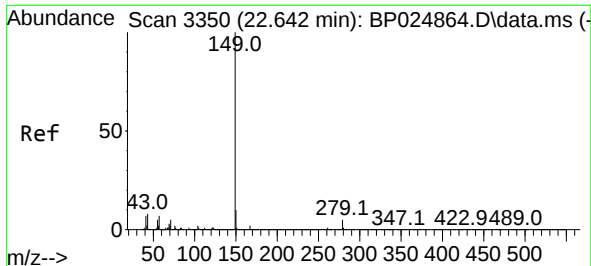
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

279 5.6 4.0 6.0

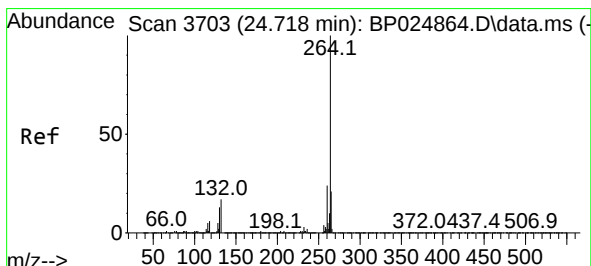
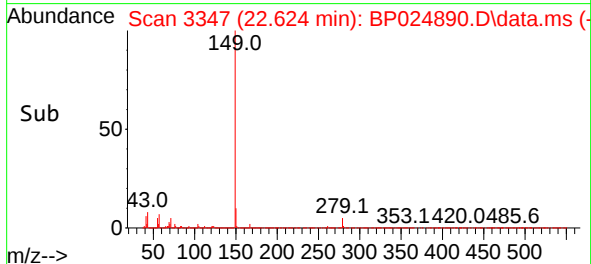
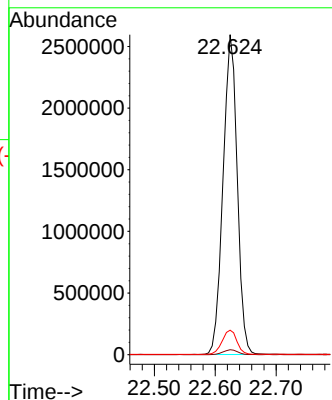
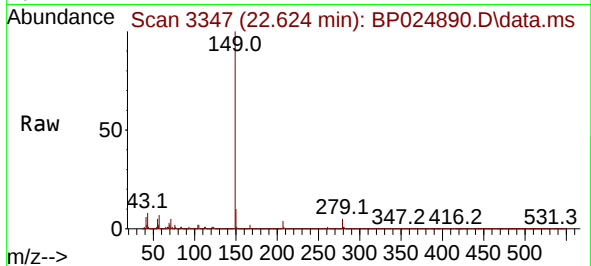




#85
Di-n-octyl phthalate
Concen: 54.285 ng
RT: 22.624 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

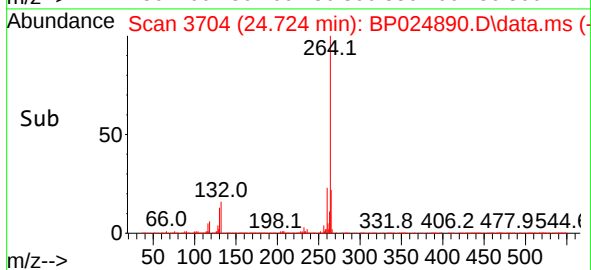
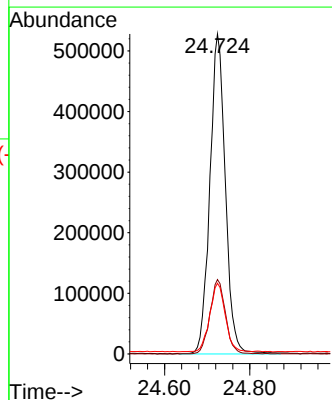
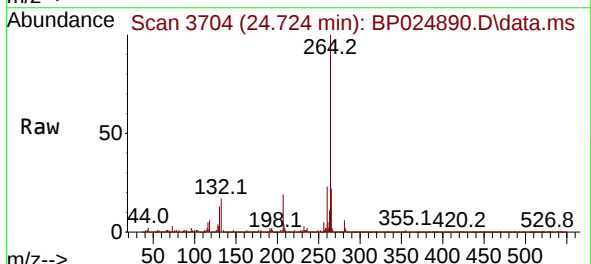
Instrument :
BNA_P
ClientSampleId :
PB168321BS

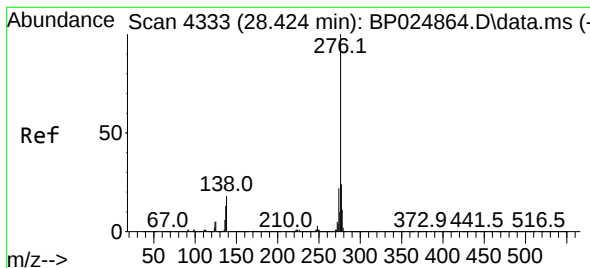
Tgt Ion:149 Resp: 4192823
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:264 Resp: 1334408
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.441 ng

RT: 28.412 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

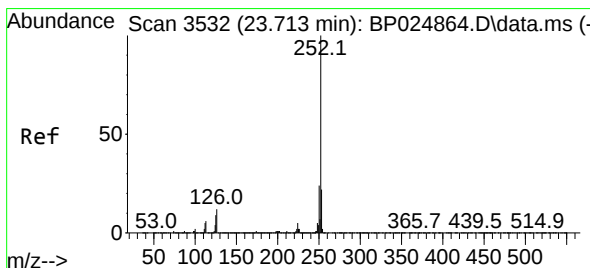
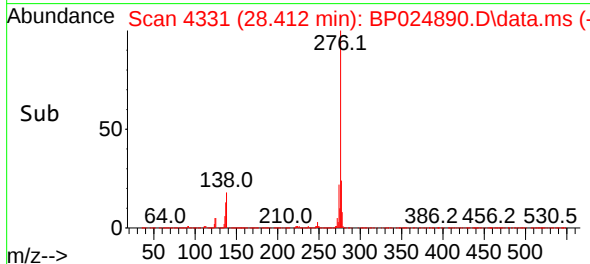
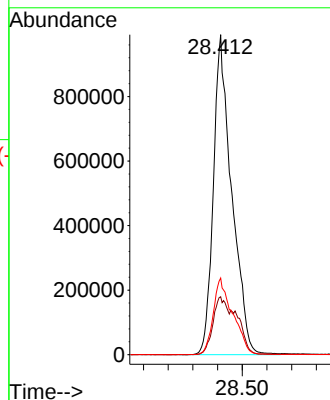
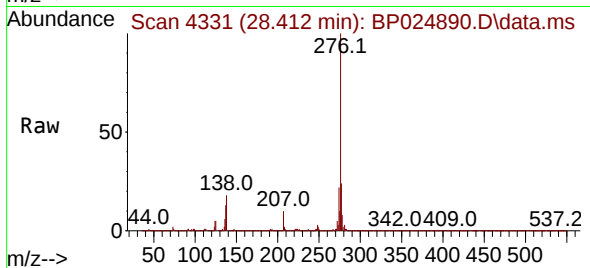
Tgt Ion:276 Resp: 5105774

Ion Ratio Lower Upper

276 100

138 14.4 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.501 ng

RT: 23.701 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

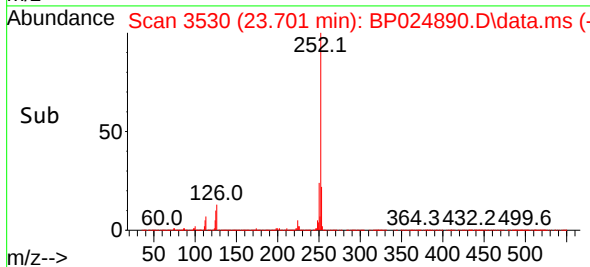
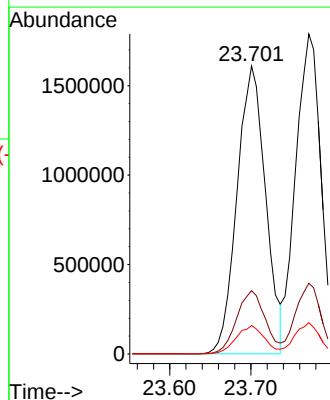
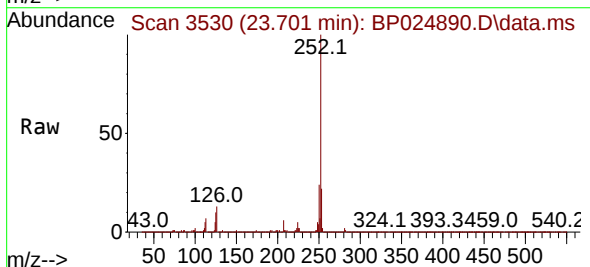
Tgt Ion:252 Resp: 3933036

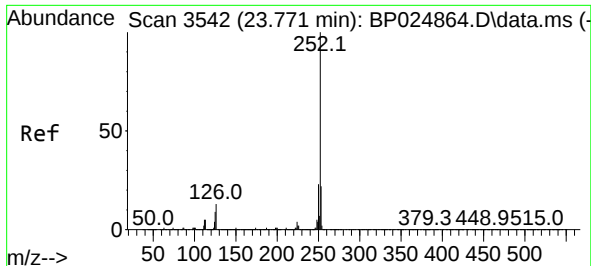
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.9 7.1 10.7

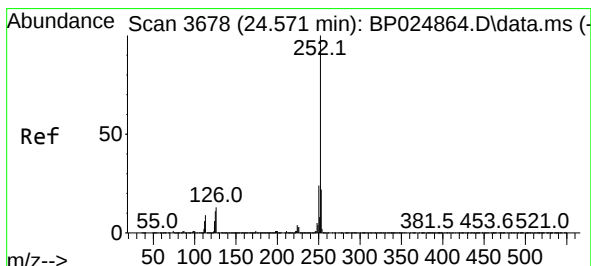
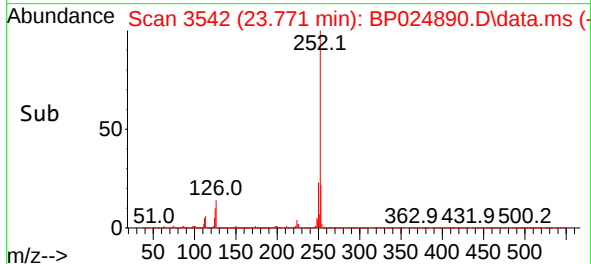
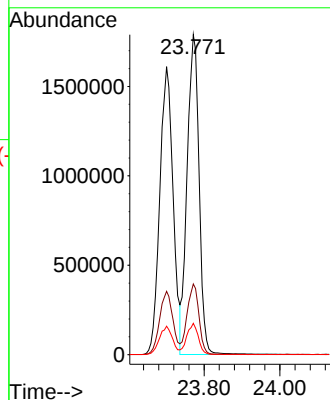
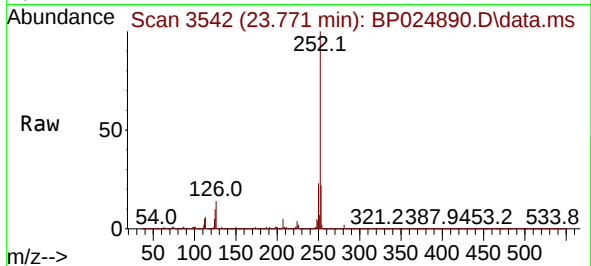




#89
Benzo(k)fluoranthene
Concen: 50.359 ng
RT: 23.771 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

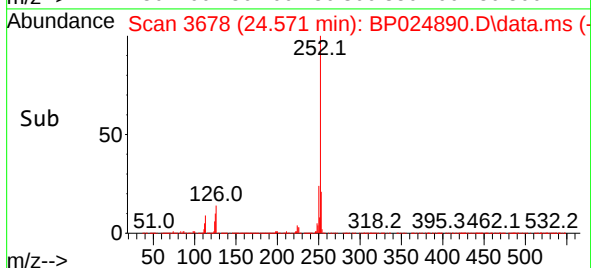
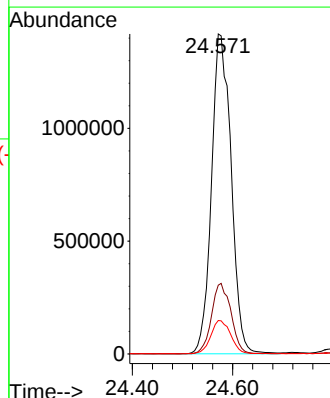
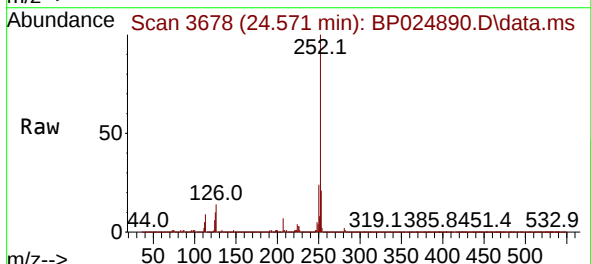
Instrument :
BNA_P
ClientSampleId :
PB168321BS

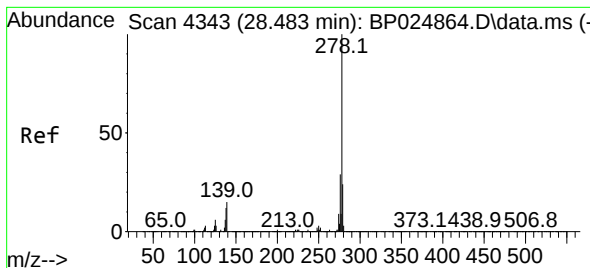
Tgt Ion:252 Resp: 3914713
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 51.656 ng
RT: 24.571 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BP024890.D
Acq: 10 Jun 2025 12:14

Tgt Ion:252 Resp: 3852537
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.424 ng

RT: 28.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Instrument :

BNA_P

ClientSampleId :

PB168321BS

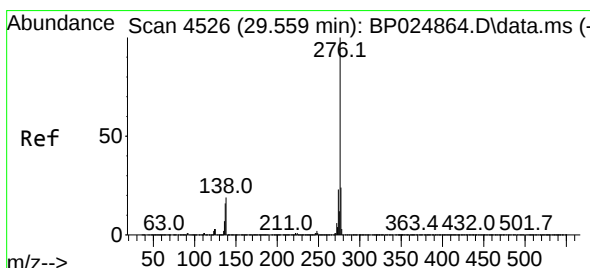
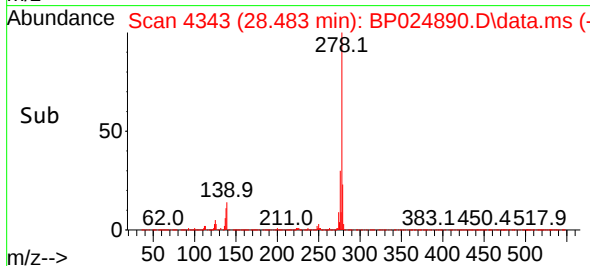
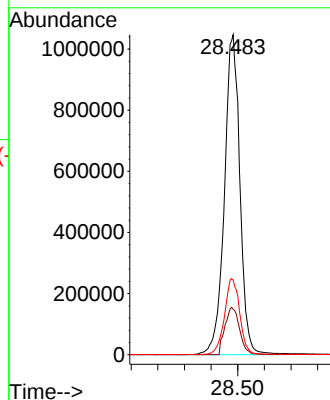
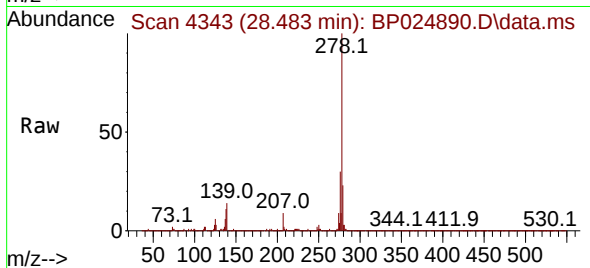
Tgt Ion:278 Resp: 4233853

Ion Ratio Lower Upper

278 100

139 14.2 12.0 18.0

279 23.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.208 ng

RT: 29.565 min Scan# 4527

Delta R.T. 0.006 min

Lab File: BP024890.D

Acq: 10 Jun 2025 12:14

Tgt Ion:276 Resp: 4183763

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 19.7 15.4 23.2

