

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024962.D
 Acq On : 16 Jun 2025 15:42
 Operator : RC/JU
 Sample : Q2312-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Quant Time: Jun 16 16:26:54 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	253858	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	991601	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	634583	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1267746	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1323029	20.000	ng	0.00
86) Perylene-d12	24.748	264	1577759	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1748321	114.958	ng	0.00
7) Phenol-d6	6.819	99	2240985	111.369	ng	0.00
23) Nitrobenzene-d5	8.760	82	1356195	66.460	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1003749	114.408	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2785249	59.127	ng	0.00
79) Terphenyl-d14	19.783	244	4333118	58.699	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.166	88	280626	41.935	ng	99
3) Pyridine	3.561	79	723819	44.977	ng	100
4) n-Nitrosodimethylamine	3.472	42	313683	47.677	ng	99
6) Aniline	6.949	93	725120	28.238	ng	99
8) 2-Chlorophenol	7.190	128	892154	51.747	ng	99
9) Benzaldehyde	6.766	77	606496	52.292	ng	100
10) Phenol	6.843	94	1087688	52.434	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	790867	48.474	ng	99
12) 1,3-Dichlorobenzene	7.496	146	926127	48.152	ng	98
13) 1,4-Dichlorobenzene	7.643	146	933368	48.096	ng	99
14) 1,2-Dichlorobenzene	7.954	146	895883	47.012	ng	99
15) Benzyl Alcohol	7.860	79	771688	49.969	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	983685	46.065	ng	100
17) 2-Methylphenol	8.072	107	724968	50.047	ng	99
18) Hexachloroethane	8.666	117	345499	47.288	ng	97
19) n-Nitroso-di-n-propyla...	8.407	70	614975	44.957	ng	99
20) 3+4-Methylphenols	8.401	107	981008	49.638	ng	97
22) Acetophenone	8.431	105	1241859	49.569	ng	# 99
24) Nitrobenzene	8.801	77	908458	50.112	ng	99
25) Isophorone	9.325	82	1678333	47.456	ng	99
26) 2-Nitrophenol	9.507	139	480032	53.666	ng	98
27) 2,4-Dimethylphenol	9.584	122	796538	52.033	ng	98
28) bis(2-Chloroethoxy)met...	9.801	93	1024261	48.551	ng	98
29) 2,4-Dichlorophenol	10.060	162	807306	54.962	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	809178	48.842	ng	100
31) Naphthalene	10.425	128	2510241	49.399	ng	99
32) Benzoic acid	9.790	122	629165	60.820	ng	97
33) 4-Chloroaniline	10.554	127	450833	21.176	ng	99
34) Hexachlorobutadiene	10.707	225	489100	48.983	ng	100
35) Caprolactam	11.366	113	299435	55.381	ng	95
36) 4-Chloro-3-methylphenol	11.707	107	909262	53.669	ng	99
37) 2-Methylnaphthalene	12.048	142	1590495	49.343	ng	100
38) 1-Methylnaphthalene	12.272	142	1697759	49.266	ng	97
40) 1,2,4,5-Tetrachloroben...	12.425	216	881943	48.979	ng	99
41) Hexachlorocyclopentadiene	12.389	237	982059	89.417	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	646858	53.492	ng	99

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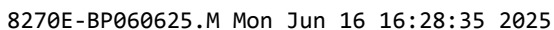
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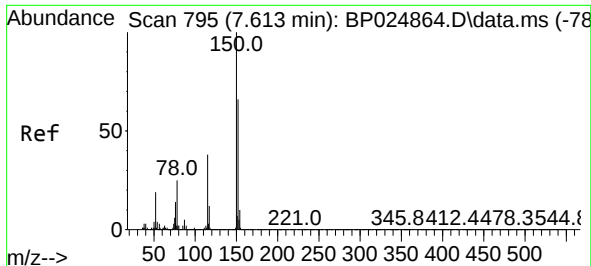
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	724095	55.913	ng	98
46) 1,1'-Biphenyl	13.072	154	2286024	49.570	ng	100
47) 2-Chloronaphthalene	13.113	162	1745794	49.254	ng	99
48) 2-Nitroaniline	13.342	65	584251	53.617	ng	96
49) Acenaphthylene	13.972	152	2956076	50.019	ng	100
50) Dimethylphthalate	13.713	163	2331048	49.796	ng	100
51) 2,6-Dinitrotoluene	13.842	165	516963	51.227	ng	99
52) Acenaphthene	14.319	154	1666851	49.220	ng	99
53) 3-Nitroaniline	14.184	138	271235	25.899	ng	98
54) 2,4-Dinitrophenol	14.407	184	724045	108.084	ng	97
55) Dibenzofuran	14.660	168	2676900	49.244	ng	100
56) 4-Nitrophenol	14.548	139	896153	99.651	ng	99
57) 2,4-Dinitrotoluene	14.648	165	756620	53.598	ng	96
58) Fluorene	15.319	166	2214136	50.420	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	628870	54.349	ng	97
60) Diethylphthalate	15.095	149	2373493	50.875	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1058598	49.302	ng	97
62) 4-Nitroaniline	15.366	138	533274	56.159	ng	95
63) Azobenzene	15.613	77	2364925	55.271	ng	98
65) 4,6-Dinitro-2-methylph...	15.436	198	454770	54.593	ng	98
66) n-Nitrosodiphenylamine	15.536	169	1970004	50.135	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	706722	49.406	ng	99
68) Hexachlorobenzene	16.348	284	854973	49.304	ng	99
69) Atrazine	16.519	200	748406	52.539	ng	97
70) Pentachlorophenol	16.713	266	1106201	123.256	ng	98
71) Phenanthrene	17.101	178	3461594	49.411	ng	99
72) Anthracene	17.189	178	3586242	50.545	ng	99
73) Carbazole	17.483	167	3459825	52.609	ng	100
74) Di-n-butylphthalate	18.066	149	4278431	52.507	ng	99
75) Fluoranthene	19.189	202	4142814	51.020	ng	100
77) Benzidine	19.395	184	2402730	58.637	ng	100
78) Pyrene	19.566	202	4278308	51.761	ng	100
80) Butylbenzylphthalate	20.513	149	2015408	53.232	ng	99
81) Benzo(a)anthracene	21.465	228	4360098	51.527	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1046399	31.149	ng	100
83) Chrysene	21.536	228	4075618	50.832	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	2841528	52.383	ng	99
85) Di-n-octyl phthalate	22.642	149	4933079	51.595	ng	99
87) Indeno(1,2,3-cd)pyrene	28.459	276	6039247	52.462	ng	# 87
88) Benzo(b)fluoranthene	23.724	252	4639275	51.379	ng	100
89) Benzo(k)fluoranthene	23.783	252	4523278	49.213	ng	99
90) Benzo(a)pyrene	24.595	252	4530936	51.382	ng	100
91) Dibenzo(a,h)anthracene	28.524	278	4913761	52.440	ng	99
92) Benzo(g,h,i)perylene	29.600	276	2728763	29.351	ng	98

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

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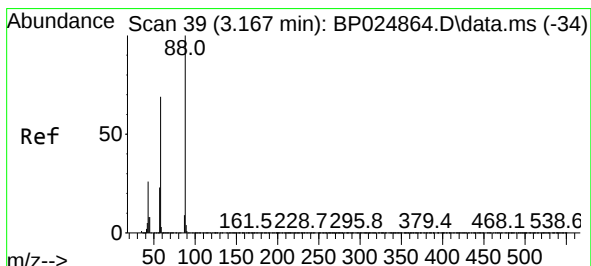
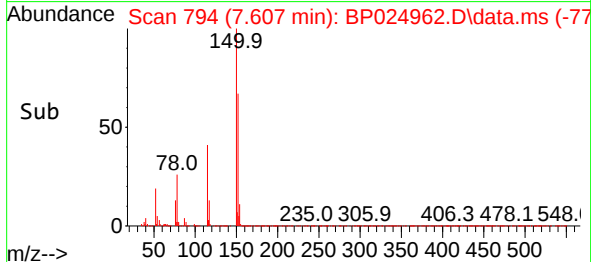
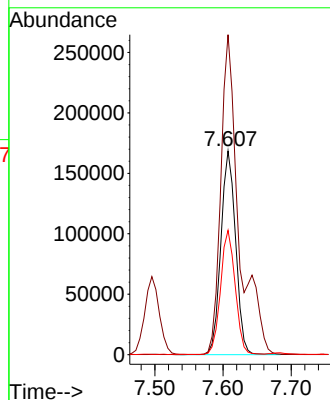
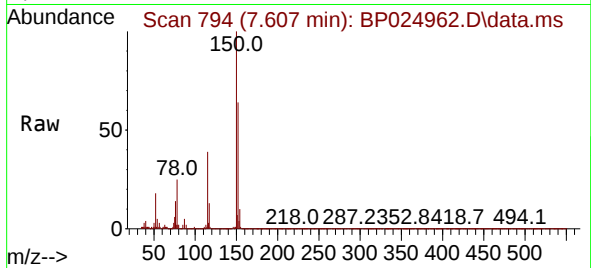




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

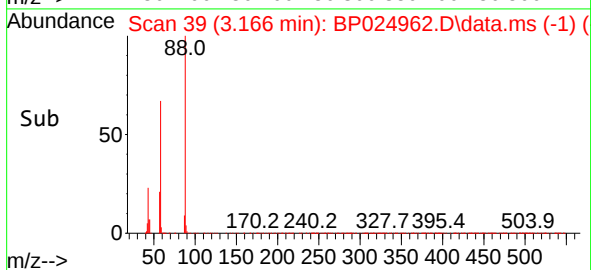
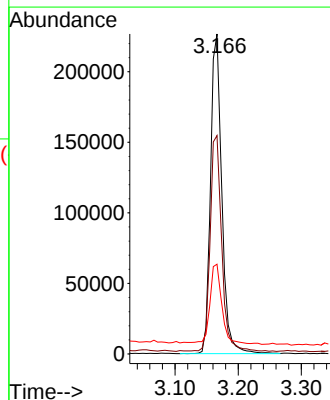
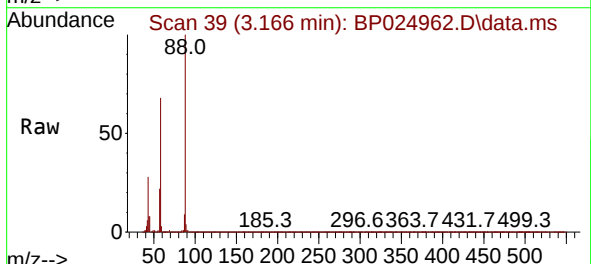
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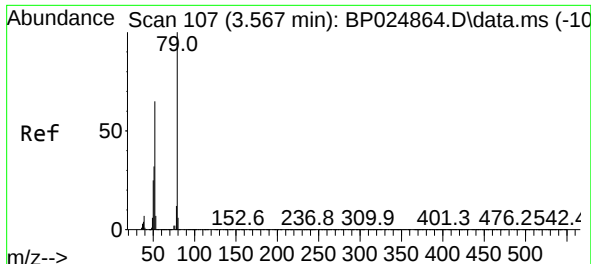
Tgt Ion:152 Resp: 253858
 Ion Ratio Lower Upper
 152 100
 150 157.1 122.1 183.1
 115 61.1 46.4 69.6



#2
 1,4-Dioxane
 Concen: 41.935 ng
 RT: 3.166 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

Tgt Ion: 88 Resp: 280626
 Ion Ratio Lower Upper
 88 100
 58 69.5 55.4 83.0
 43 26.7 20.8 31.2

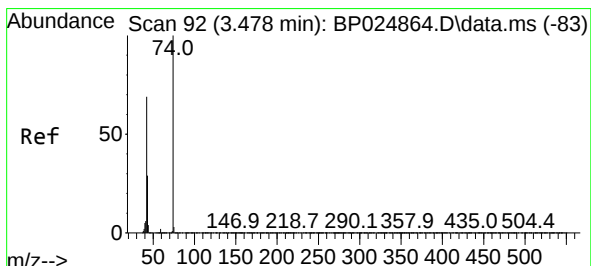
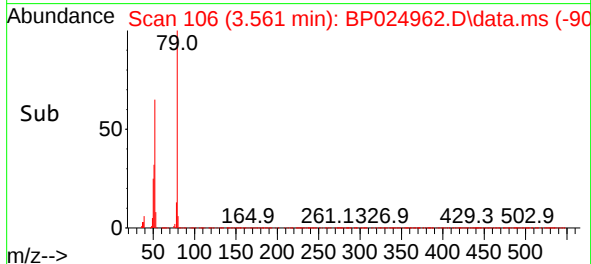
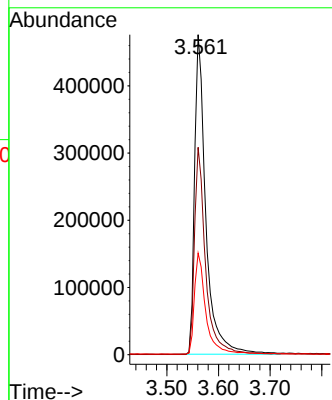
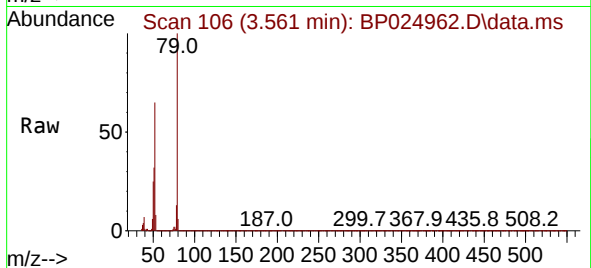




#3
 Pyridine
 Concen: 44.977 ng
 RT: 3.561 min Scan# 106
 Delta R.T. -0.006 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

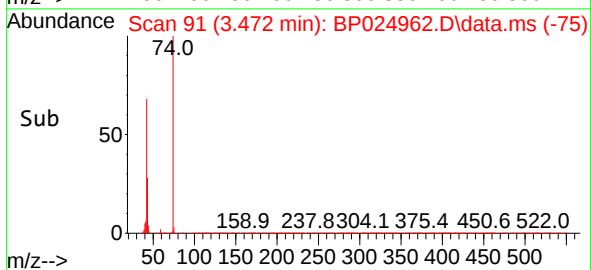
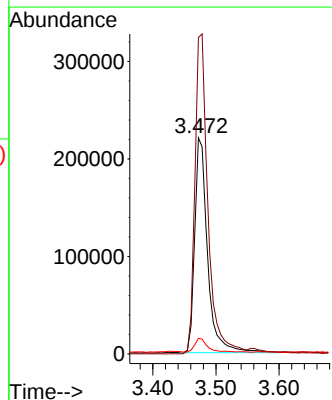
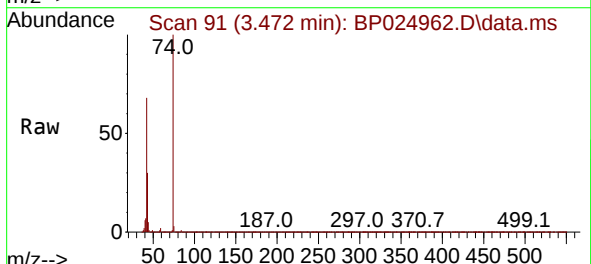
Instrument :
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 ClientSampleId :
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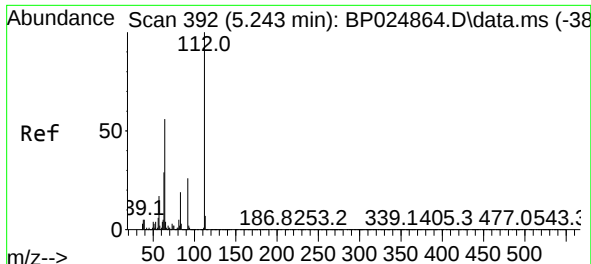
Tgt Ion: 79 Resp: 723819
 Ion Ratio Lower Upper
 79 100
 52 64.8 51.6 77.4
 51 31.8 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 47.677 ng
 RT: 3.472 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

Tgt Ion: 42 Resp: 313683
 Ion Ratio Lower Upper
 42 100
 74 146.3 116.6 174.8
 44 7.2 5.4 8.0

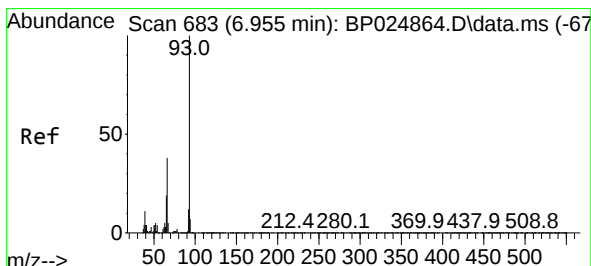
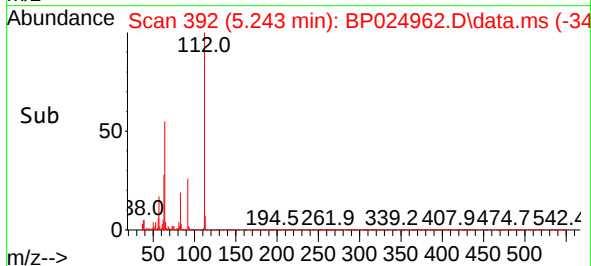
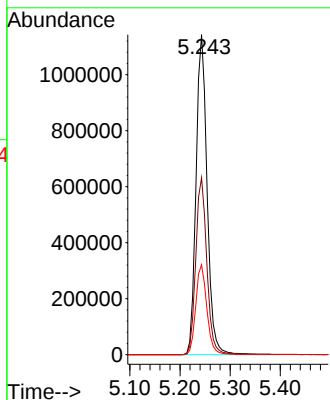
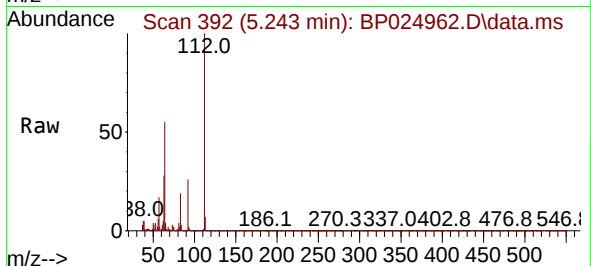




#5
2-Fluorophenol
Concen: 114.958 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

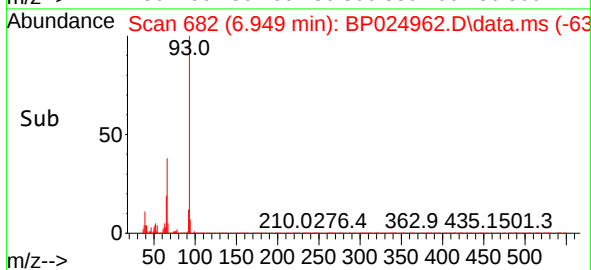
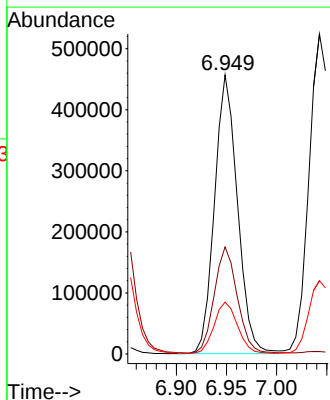
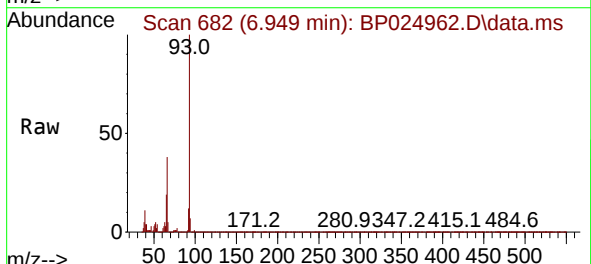
Instrument :
BNA_P
ClientSampleId :
TP-1MS

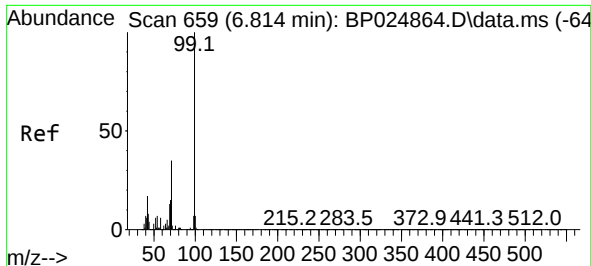
Tgt Ion:112 Resp: 1748321
Ion Ratio Lower Upper
112 100
64 55.3 44.7 67.1
63 28.1 23.5 35.3



#6
Aniline
Concen: 28.238 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 93 Resp: 725120
Ion Ratio Lower Upper
93 100
66 38.3 30.9 46.3
65 18.6 15.5 23.3



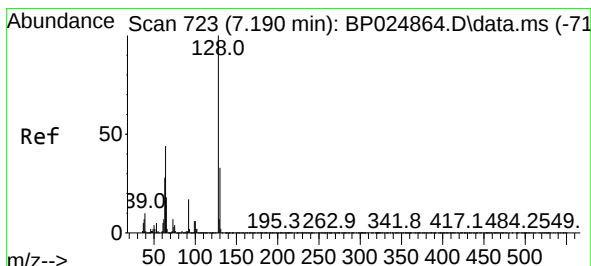
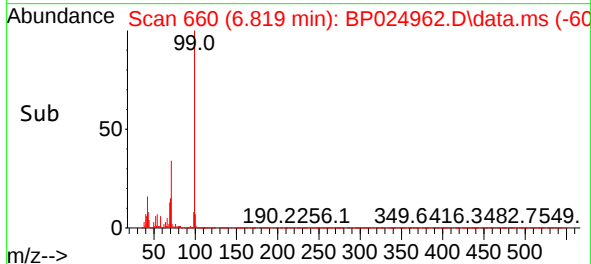
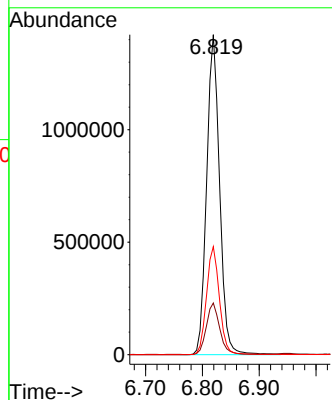
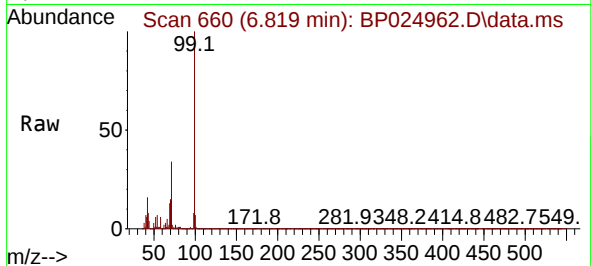


#7
Phenol-d6
Concen: 111.369 ng
RT: 6.819 min Scan# 659
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Instrument :
BNA_P
ClientSampleId :
TP-1MS

Tgt Ion: 99 Resp: 2240985

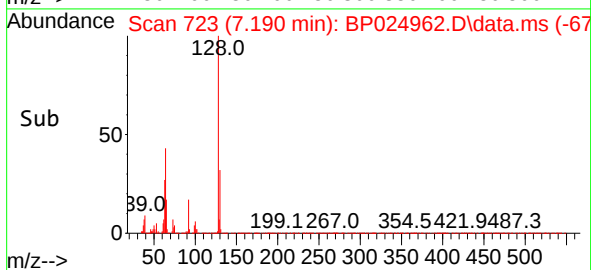
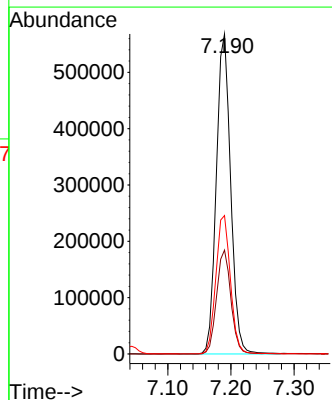
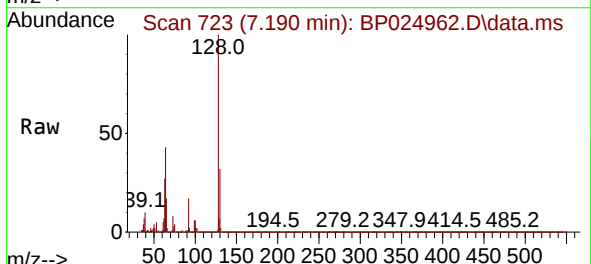
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.2
71	33.7	27.6	41.4

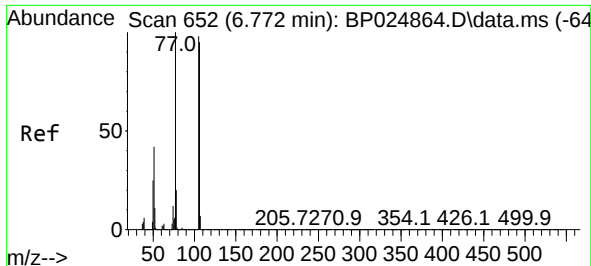


#8
2-Chlorophenol
Concen: 51.747 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 128 Resp: 892154

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	43.2	24.1	64.1

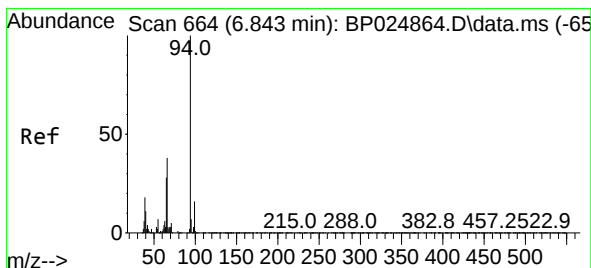
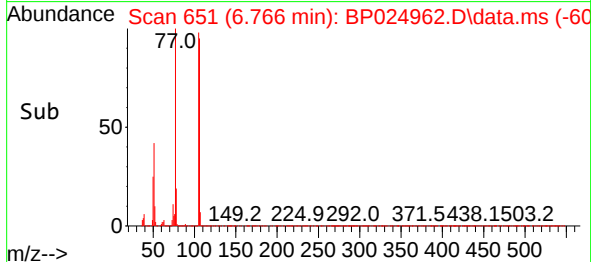
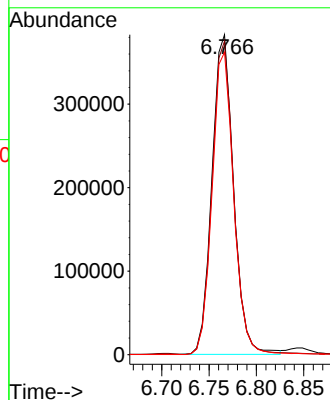
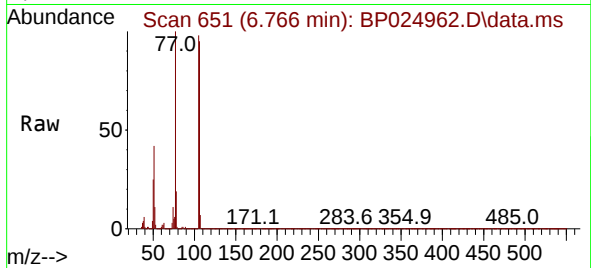




#9
Benzaldehyde
Concen: 52.292 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

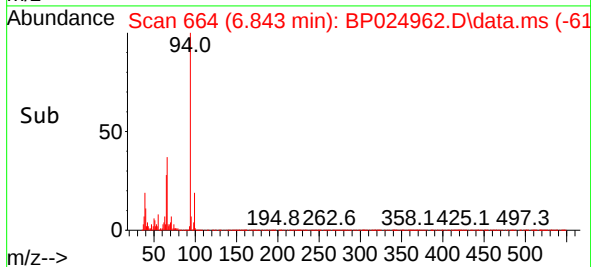
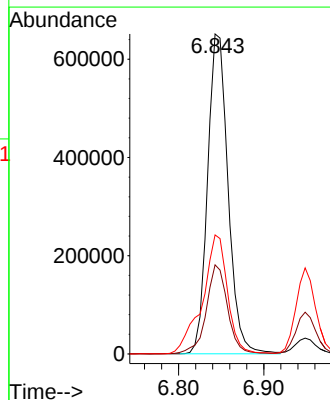
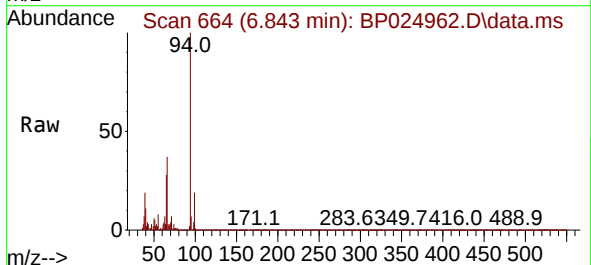
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ClientSampleId :
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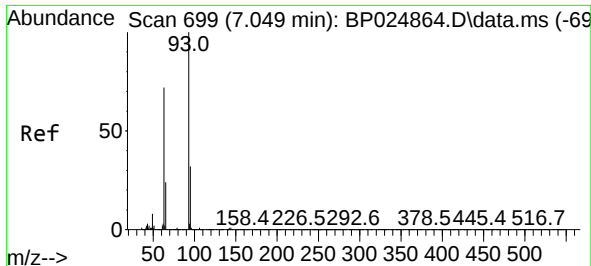
Tgt Ion: 77 Resp: 606496
Ion Ratio Lower Upper
77 100
105 98.0 77.7 117.7
106 94.5 74.8 114.8



#10
Phenol
Concen: 52.434 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 94 Resp: 1087688
Ion Ratio Lower Upper
94 100
65 27.9 8.3 48.3
66 37.2 18.2 58.2

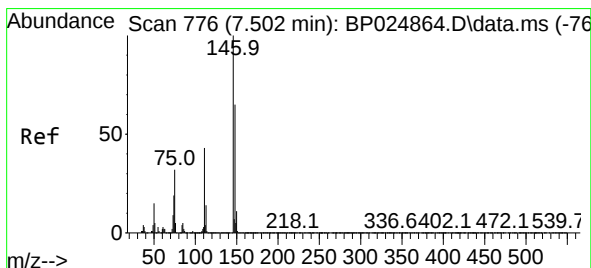
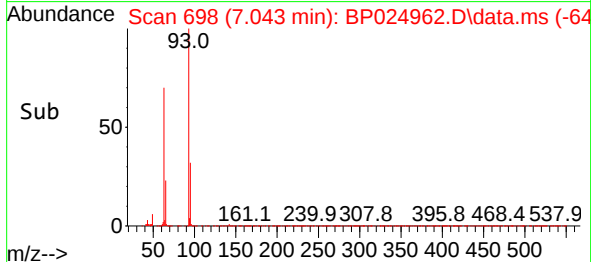
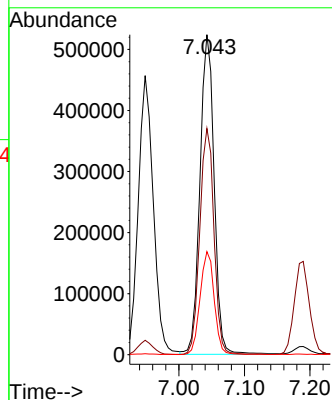
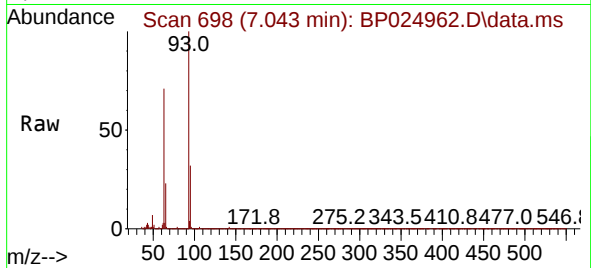




#11
bis(2-Chloroethyl)ether
Concen: 48.474 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

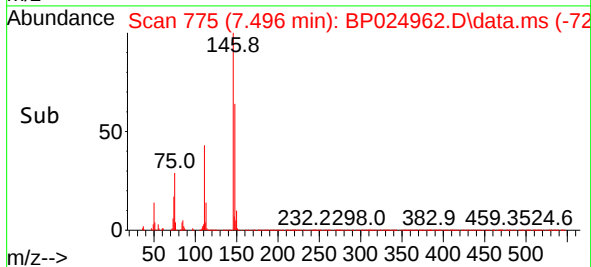
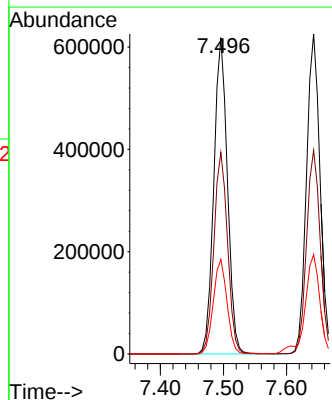
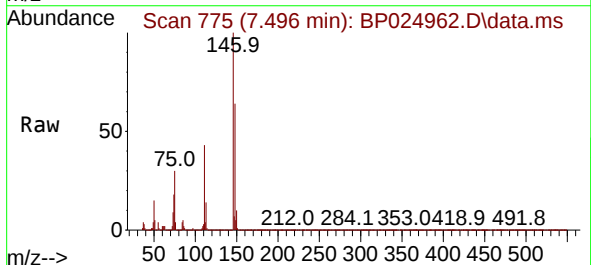
Instrument :
BNA_P
ClientSampleId :
TP-1MS

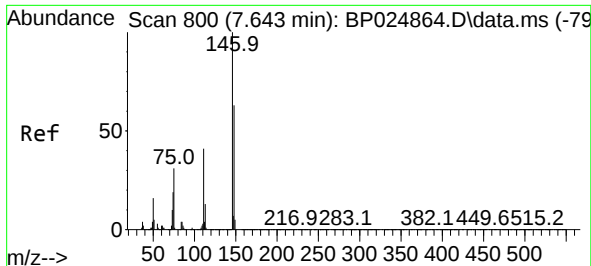
Tgt Ion:	93	Resp:	790867
Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.6	91.6
95	32.2	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 48.152 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:	146	Resp:	926127
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	29.9	25.3	37.9

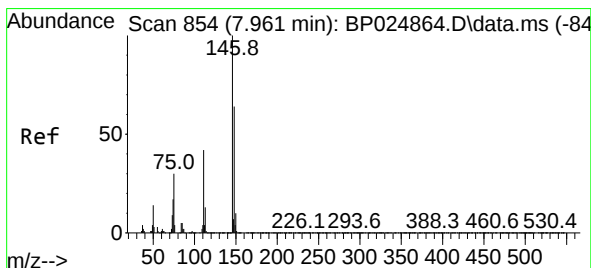
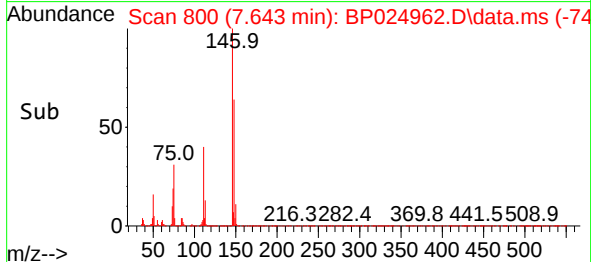
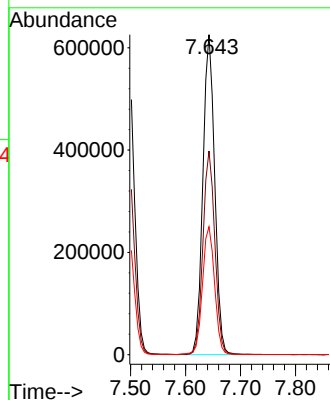
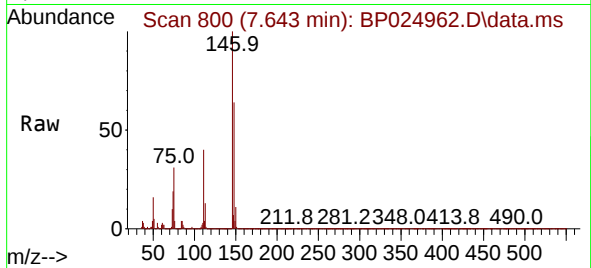




#13
1,4-Dichlorobenzene
Concen: 48.096 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

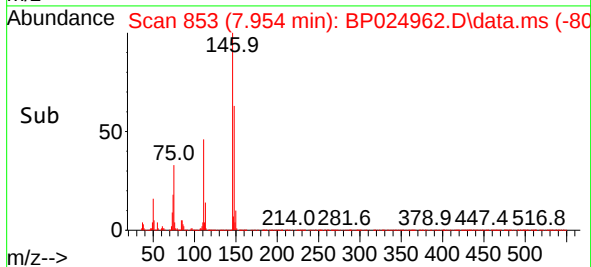
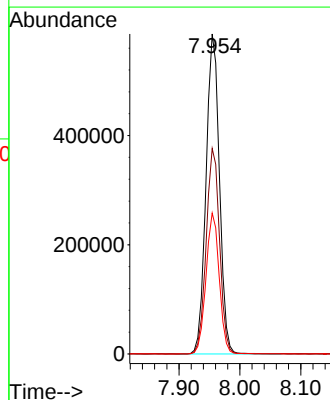
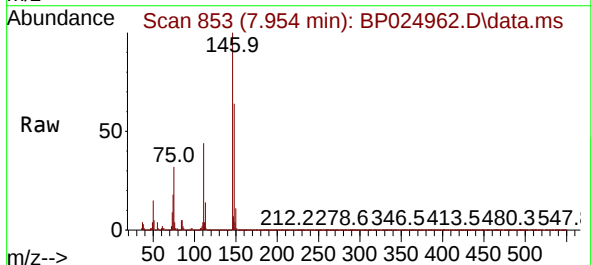
Instrument :
BNA_P
ClientSampleId :
TP-1MS

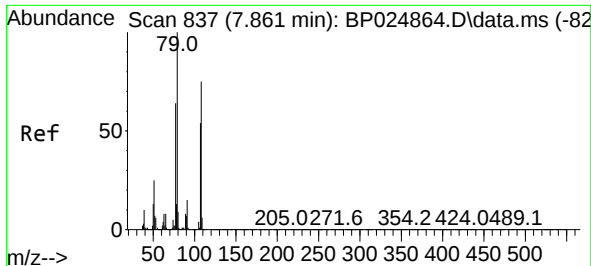
Tgt Ion:146 Resp: 933368
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 40.0 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 47.012 ng
RT: 7.954 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:146 Resp: 895883
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 44.0 33.8 50.8

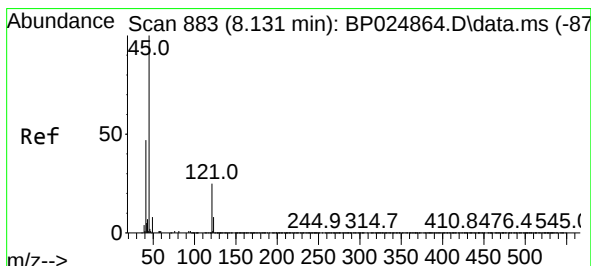
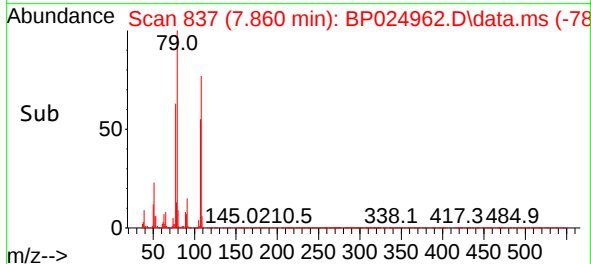
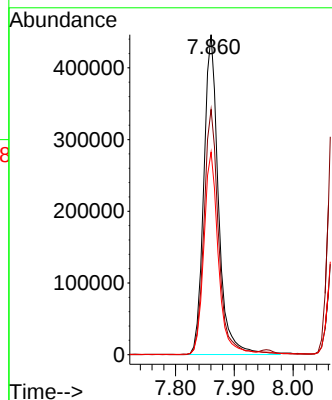
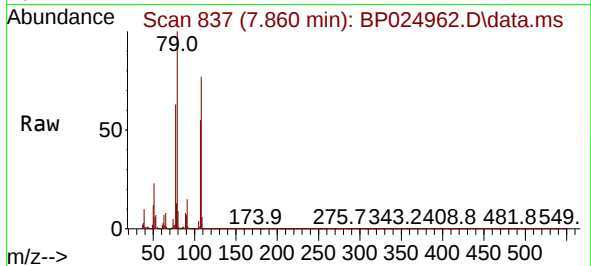




#15
Benzyl Alcohol
Concen: 49.969 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

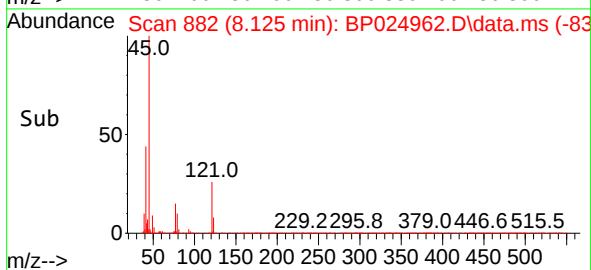
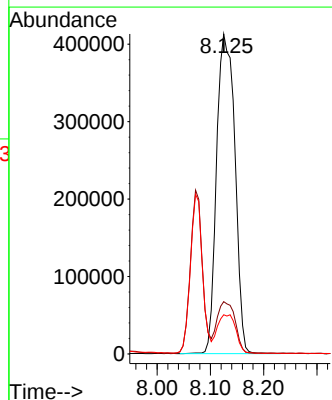
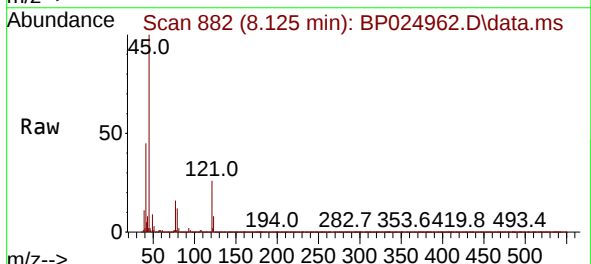
Instrument :
BNA_P
ClientSampleId :
TP-1MS

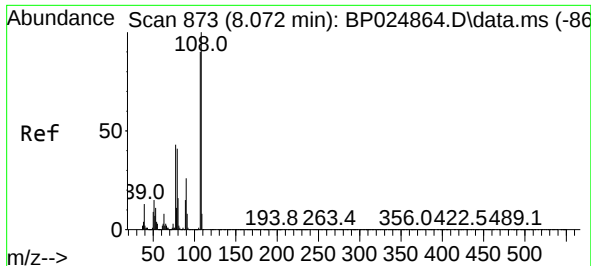
Tgt Ion: 79 Resp: 771688
Ion Ratio Lower Upper
79 100
108 76.7 60.2 90.4
77 63.3 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.065 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 45 Resp: 983685
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.3
79 12.2 0.0 32.2

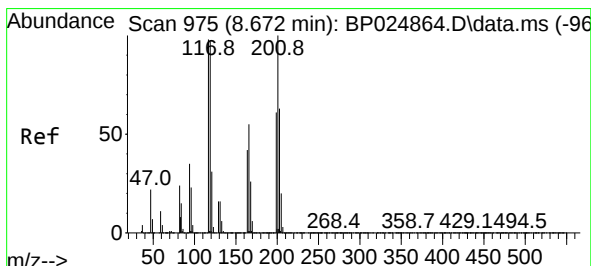
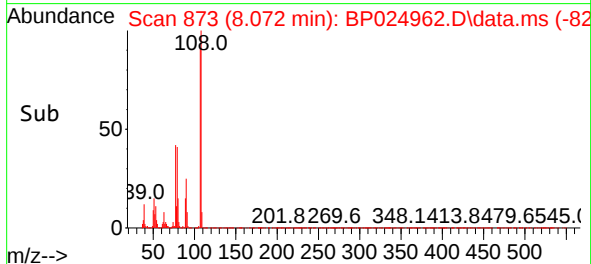
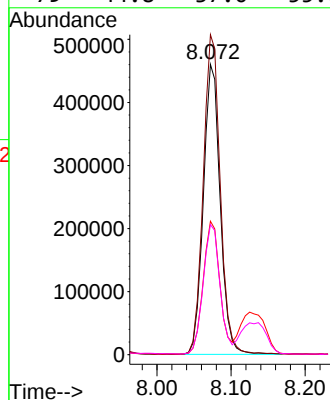
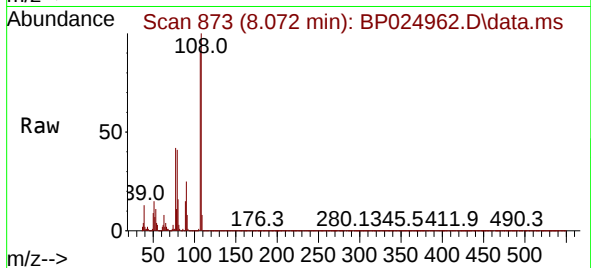




#17
2-Methylphenol
Concen: 50.047 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

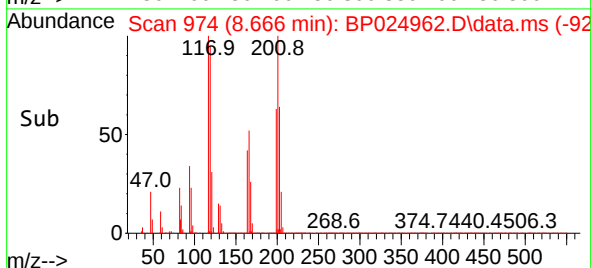
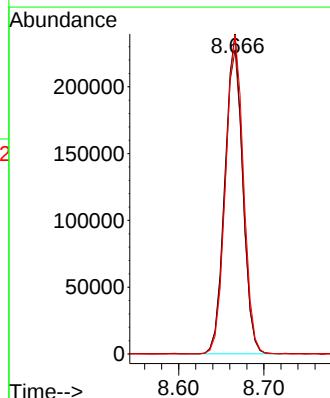
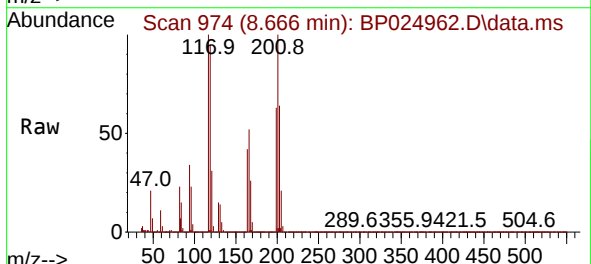
Instrument :
BNA_P
ClientSampleId :
TP-1MS

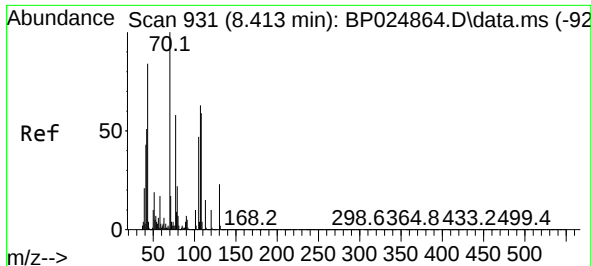
Tgt Ion:	107	Resp:	724968
Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.6	132.8
77	46.0	38.5	57.7
79	44.8	37.0	55.6



#18
Hexachloroethane
Concen: 47.288 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:	117	Resp:	345499
Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.4	119.2
201	99.7	81.4	122.2

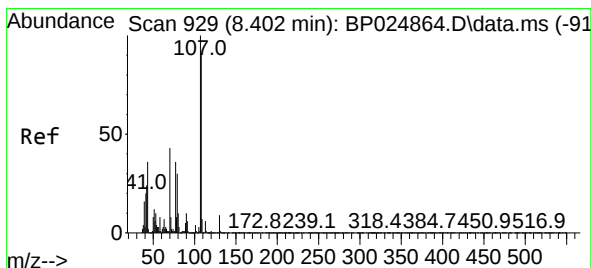
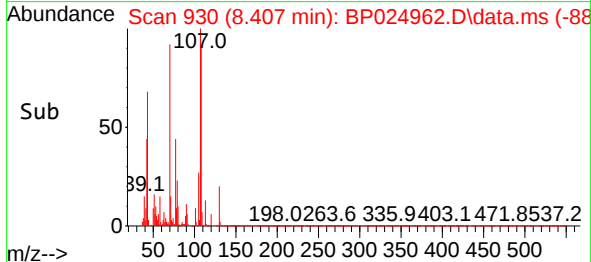
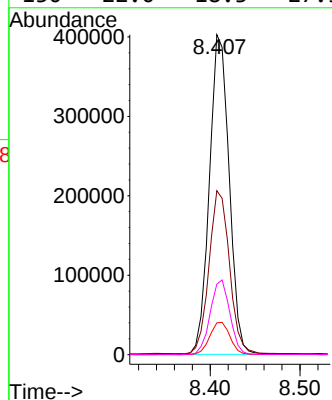
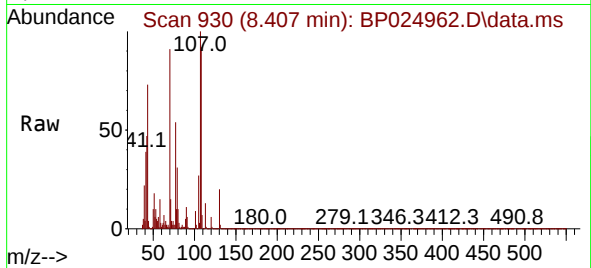




#19
n-Nitroso-di-n-propylamine
Concen: 44.957 ng
RT: 8.407 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

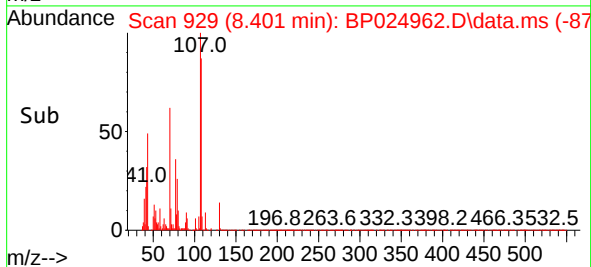
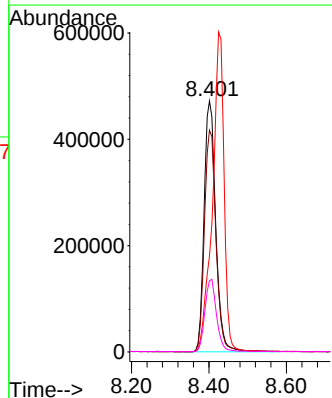
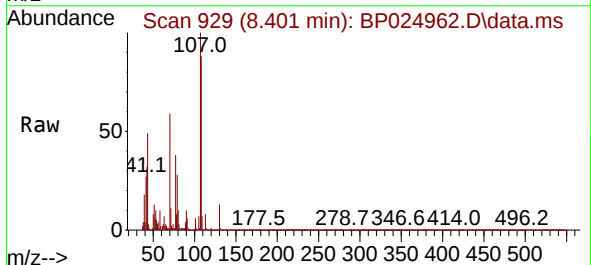
Instrument :
BNA_P
ClientSampleId :
TP-1MS

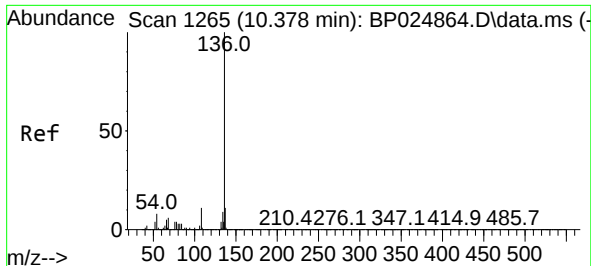
Tgt Ion: 70 Resp: 614975
Ion Ratio Lower Upper
70 100
42 51.3 41.2 61.8
101 10.0 8.3 12.5
130 22.0 18.3 27.5



#20
3+4-Methylphenols
Concen: 49.638 ng
RT: 8.401 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 107 Resp: 981008
Ion Ratio Lower Upper
107 100
108 88.4 70.7 110.7
77 38.2 16.6 56.6
79 28.3 10.0 50.0

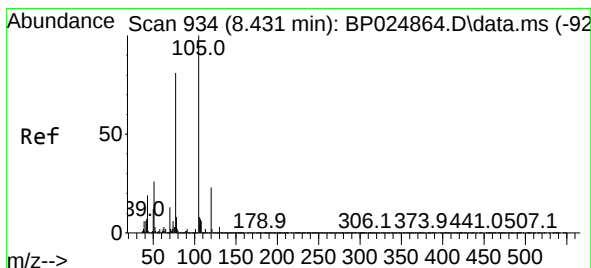
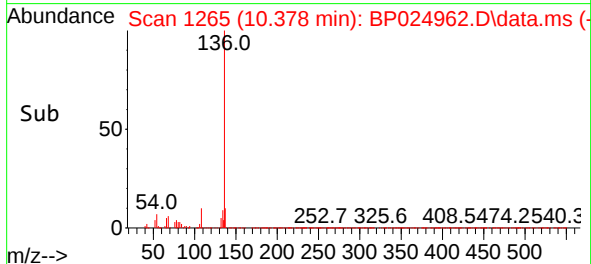
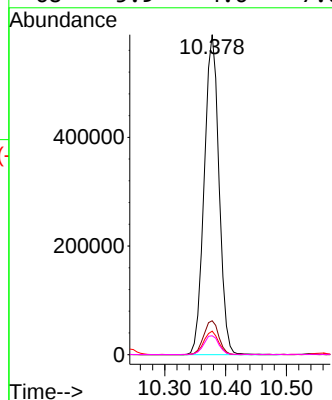
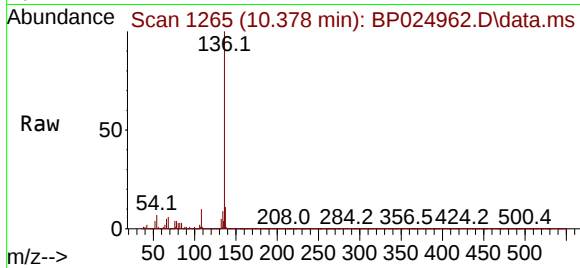




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

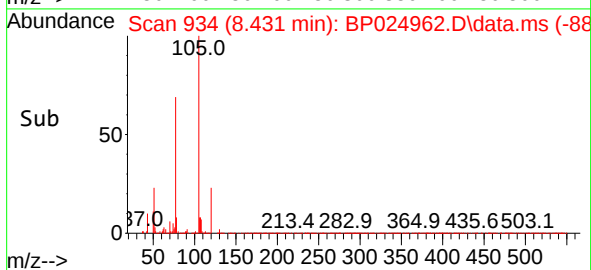
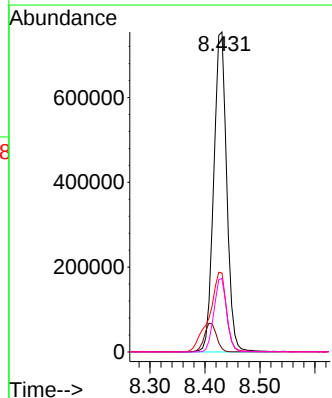
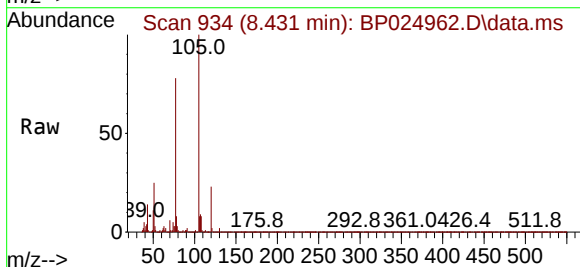
Instrument :
BNA_P
ClientSampleId :
TP-1MS

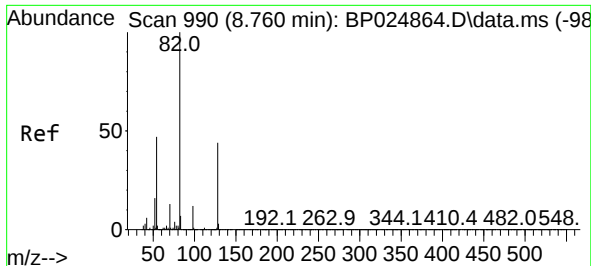
Tgt Ion:	136	Resp:	991601
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	6.1	9.1
68	5.9	4.6	7.0



#22
Acetophenone
Concen: 49.569 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:	105	Resp:	1241859
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.6	2.4
51	24.7	20.6	31.0
120	22.9	18.2	27.4

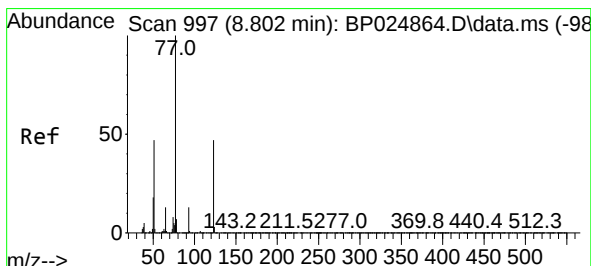
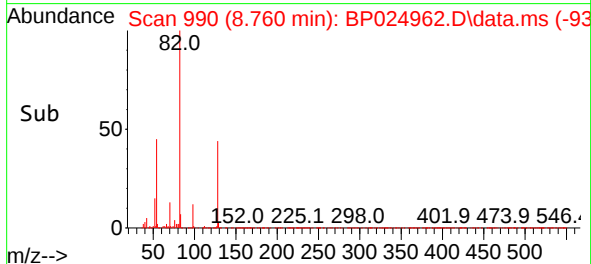
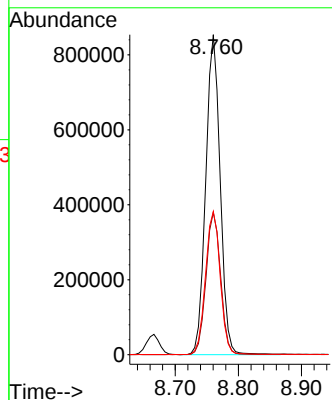
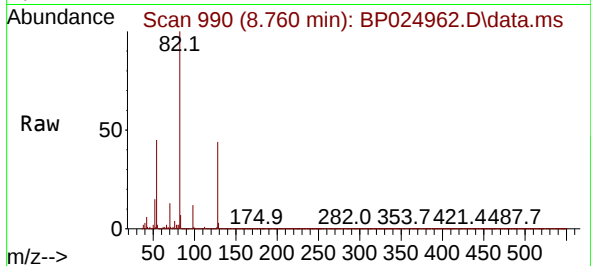




#23
Nitrobenzene-d5
Concen: 66.460 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

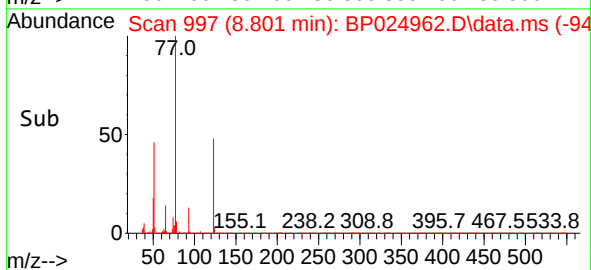
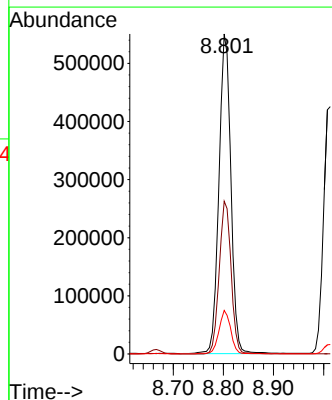
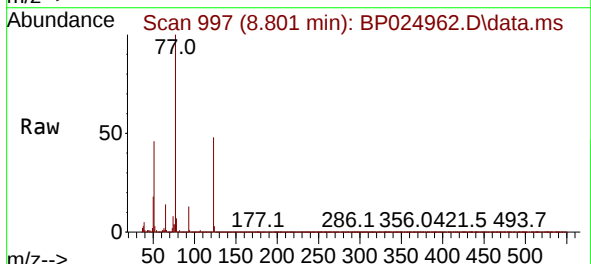
Instrument :
BNA_P
ClientSampleId :
TP-1MS

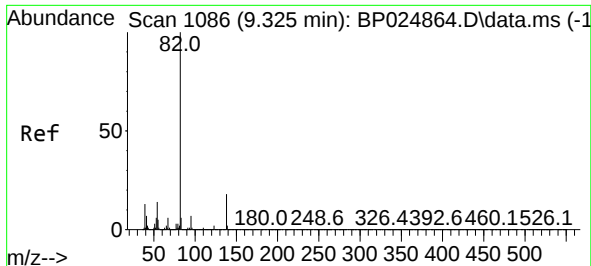
Tgt Ion: 82 Resp: 1356195
Ion Ratio Lower Upper
82 100
128 44.5 35.3 52.9
54 44.7 37.4 56.0



#24
Nitrobenzene
Concen: 50.112 ng
RT: 8.801 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 77 Resp: 908458
Ion Ratio Lower Upper
77 100
123 47.8 37.3 55.9
65 13.6 10.8 16.2

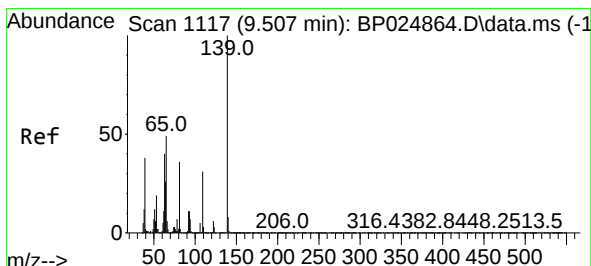
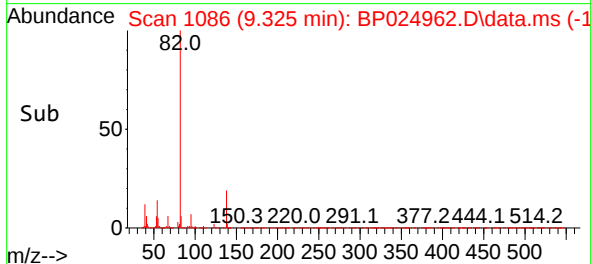
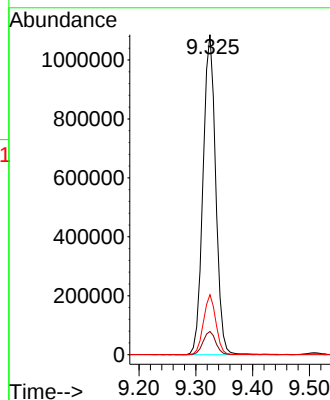
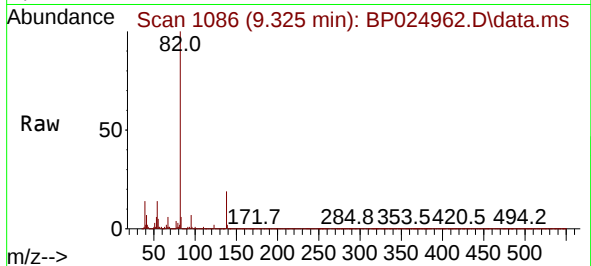




#25
Isophorone
Concen: 47.456 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

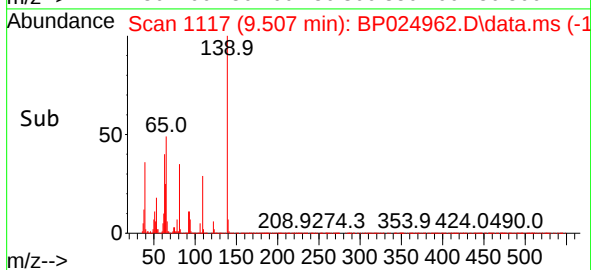
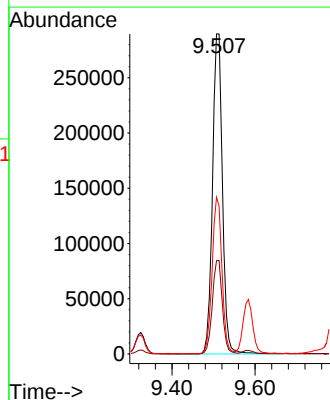
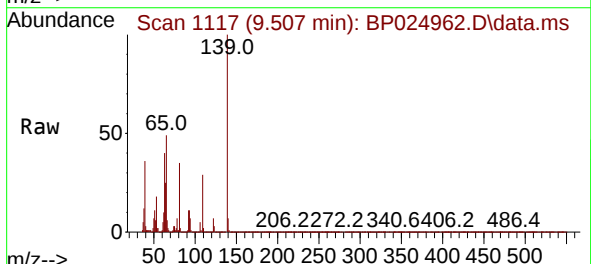
Instrument :
BNA_P
ClientSampleId :
TP-1MS

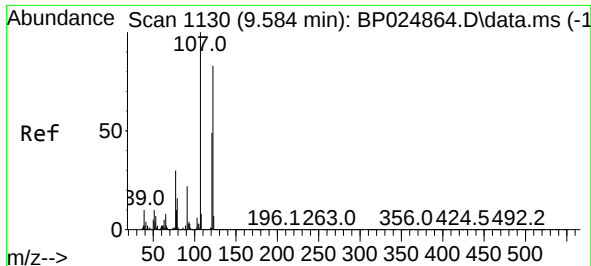
Tgt Ion: 82 Resp: 1678333
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.7 14.6 21.8



#26
2-Nitrophenol
Concen: 53.666 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 139 Resp: 480032
Ion Ratio Lower Upper
139 100
109 29.2 24.6 37.0
65 49.0 39.5 59.3

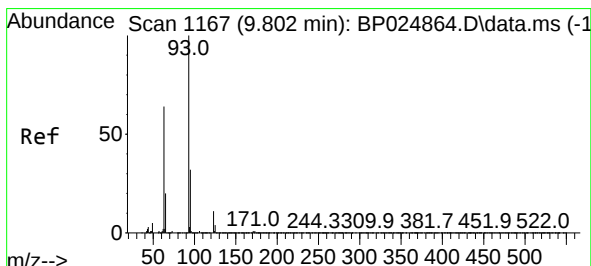
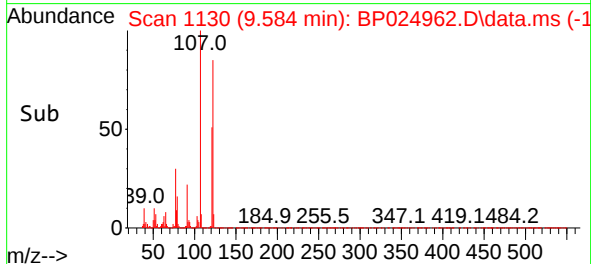
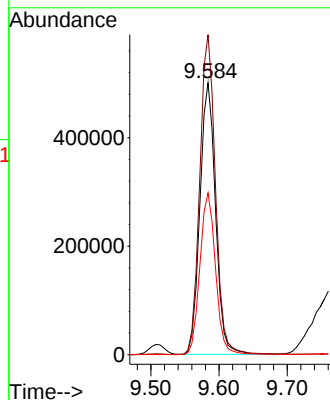
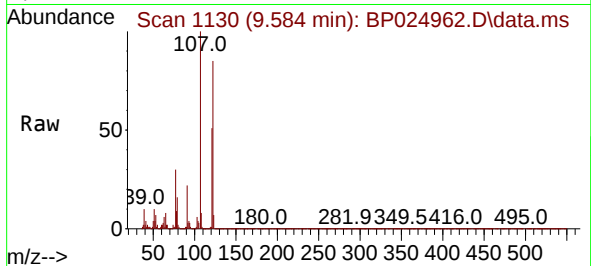




#27
2,4-Dimethylphenol
Concen: 52.033 ng
RT: 9.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

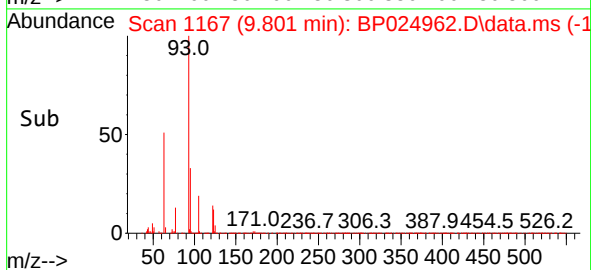
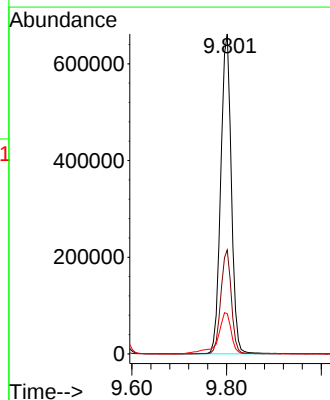
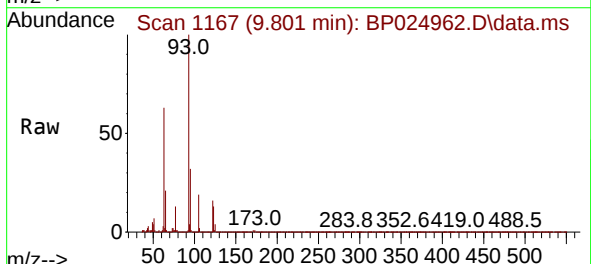
Instrument :
BNA_P
ClientSampleId :
TP-1MS

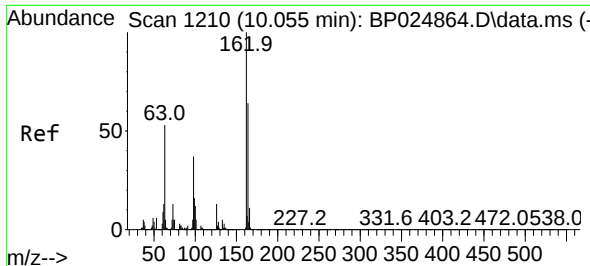
Tgt Ion:122 Resp: 796538
Ion Ratio Lower Upper
122 100
107 117.7 96.2 144.4
121 59.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.551 ng
RT: 9.801 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 93 Resp: 1024261
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 12.6 9.2 13.8

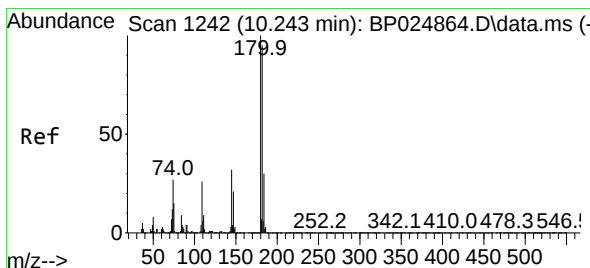
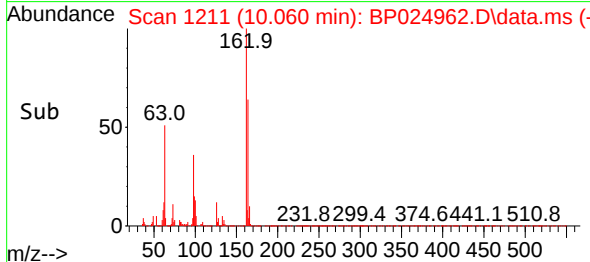
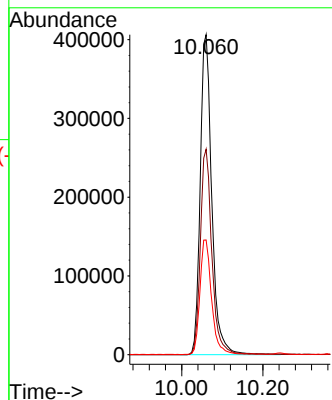
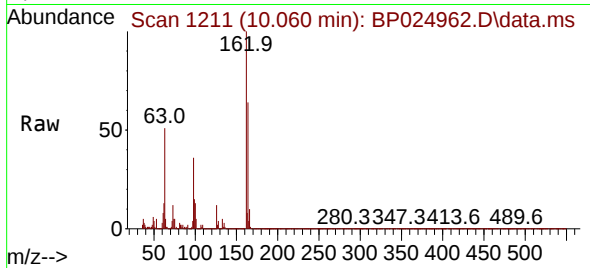




#29
2,4-Dichlorophenol
Concen: 54.962 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

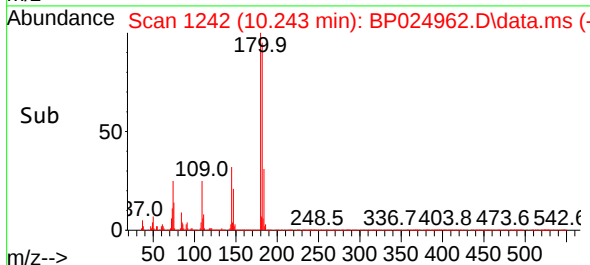
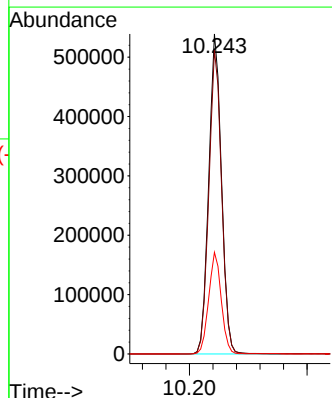
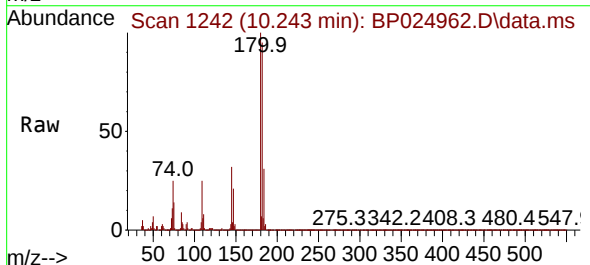
Instrument :
BNA_P
ClientSampleId :
TP-1MS

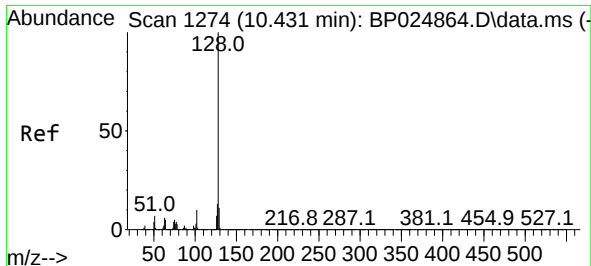
Tgt Ion:162 Resp: 807306
Ion Ratio Lower Upper
162 100
164 64.2 44.0 84.0
98 35.8 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 48.842 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:180 Resp: 809178
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.6
145 31.8 25.7 38.5





#31
Naphthalene
Concen: 49.399 ng
RT: 10.425 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

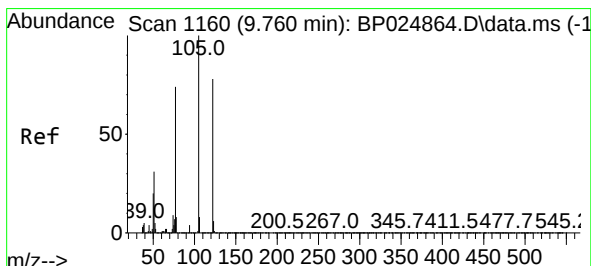
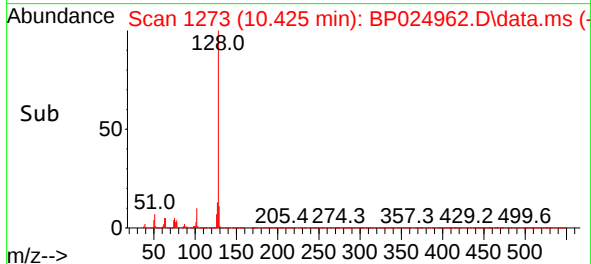
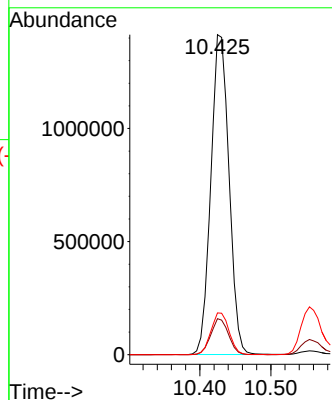
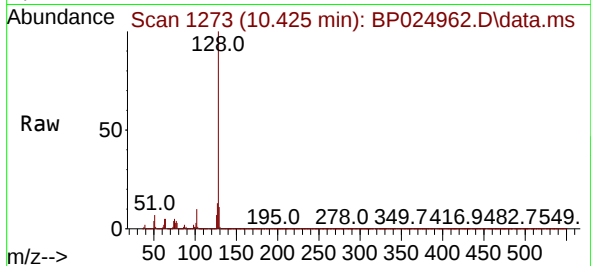
Instrument :

BNA_P

ClientSampleId :

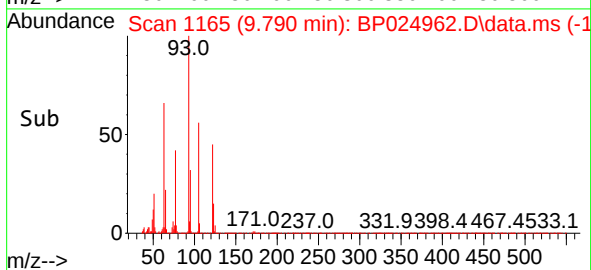
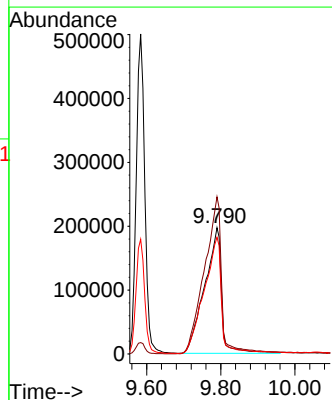
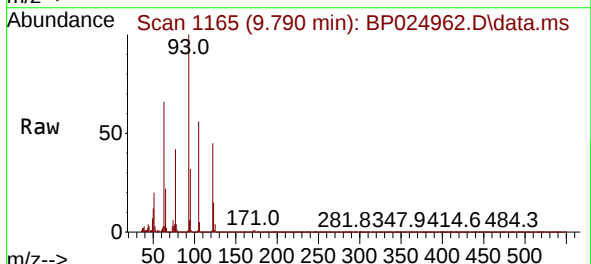
TP-1MS

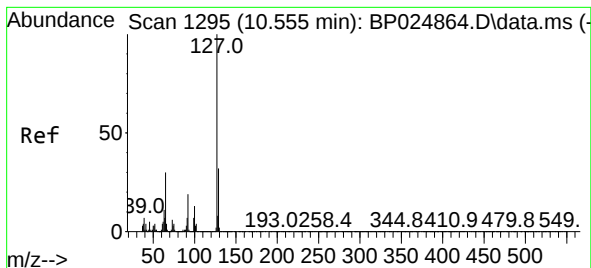
Tgt Ion:128 Resp: 2510241
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 60.820 ng
RT: 9.790 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:122 Resp: 629165
Ion Ratio Lower Upper
122 100
105 124.4 107.1 147.1
77 92.4 75.1 115.1





#33

4-Chloroaniline

Concen: 21.176 ng

RT: 10.554 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

Tgt Ion:127 Resp: 450833

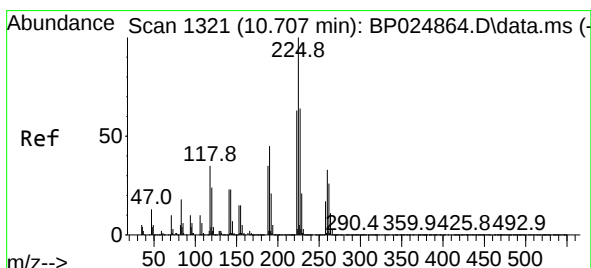
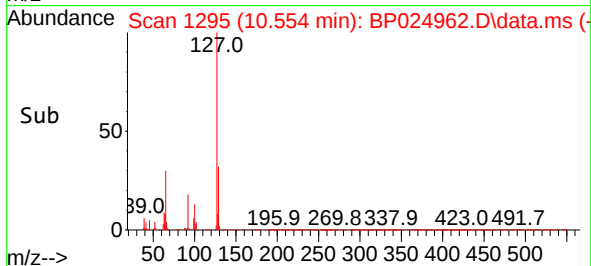
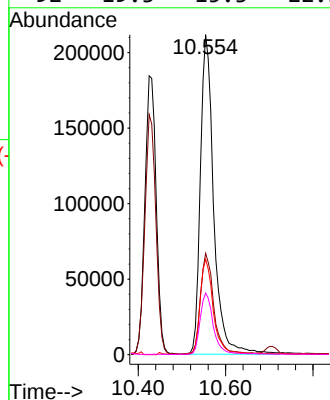
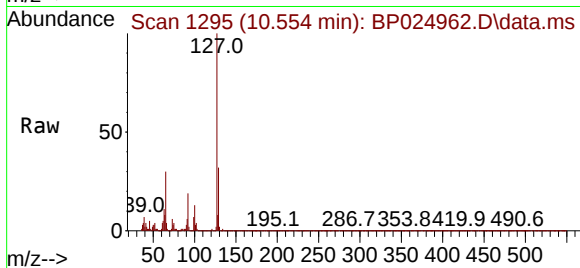
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 29.8 23.9 35.9

92 19.3 15.3 22.9



#34

Hexachlorobutadiene

Concen: 48.983 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

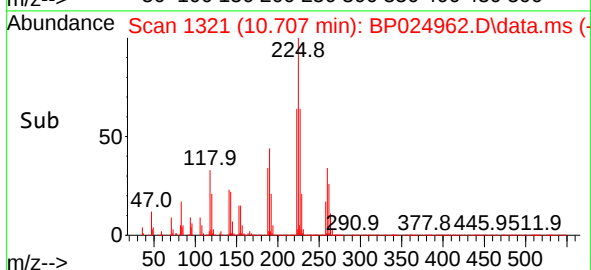
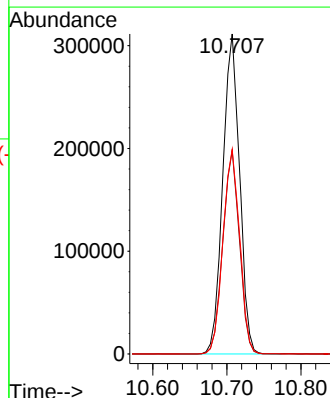
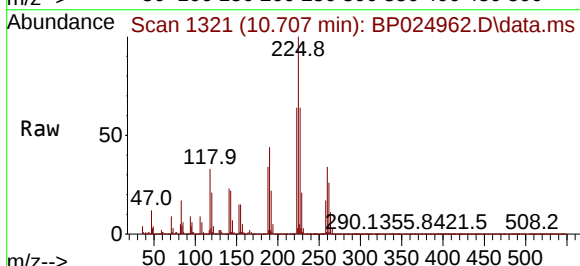
Tgt Ion:225 Resp: 489100

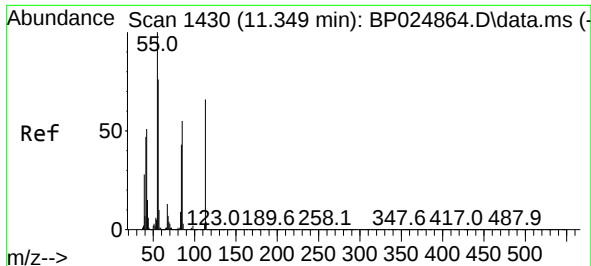
Ion Ratio Lower Upper

225 100

223 63.5 50.5 75.7

227 63.9 51.4 77.2

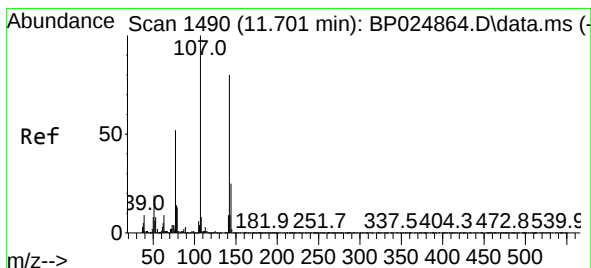
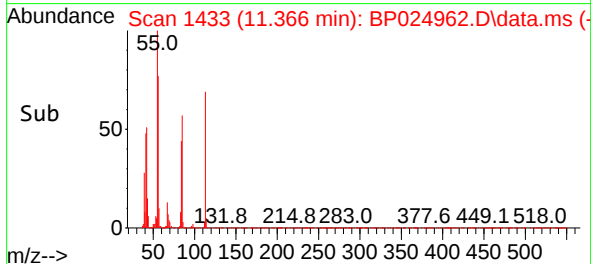
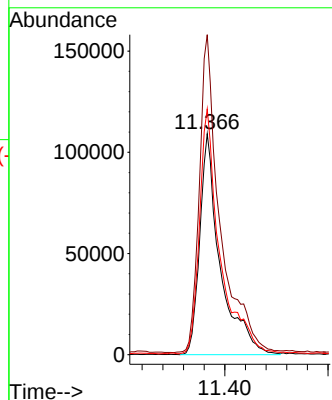
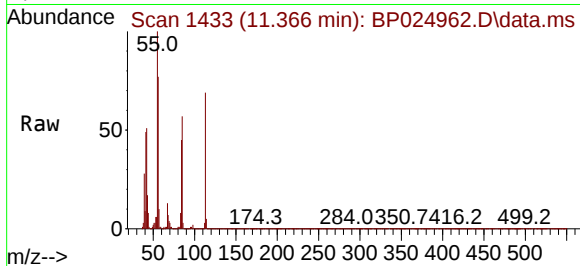




#35
Caprolactam
Concen: 55.381 ng
RT: 11.366 min Scan# 1433
Delta R.T. 0.017 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

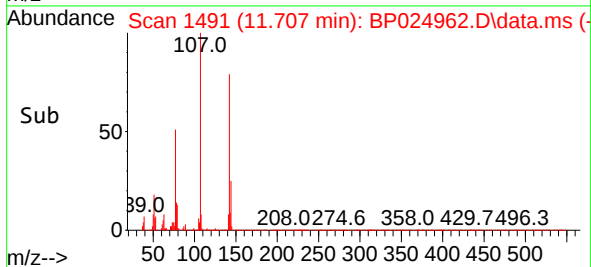
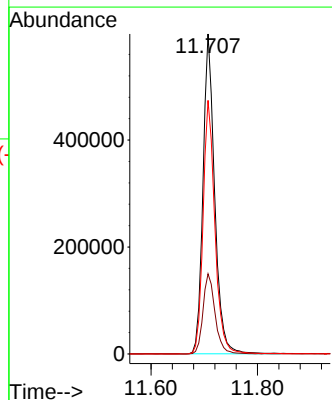
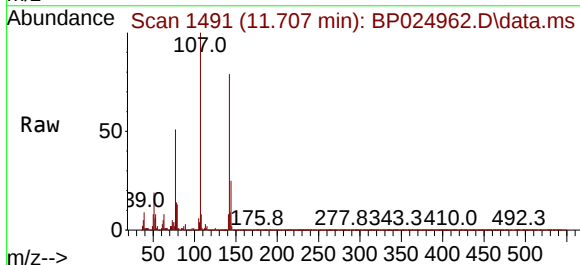
Instrument :
BNA_P
ClientSampleId :
TP-1MS

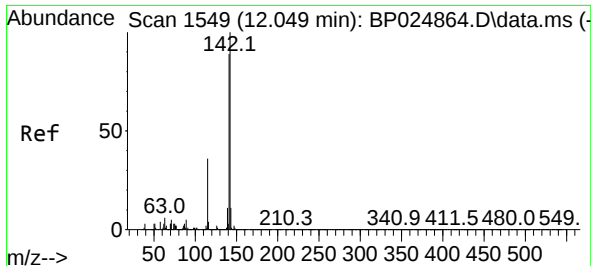
Tgt Ion:113 Resp: 299435
Ion Ratio Lower Upper
113 100
55 144.8 132.5 172.5
56 111.2 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 53.669 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:107 Resp: 909262
Ion Ratio Lower Upper
107 100
144 25.0 20.4 30.6
142 79.2 63.8 95.6

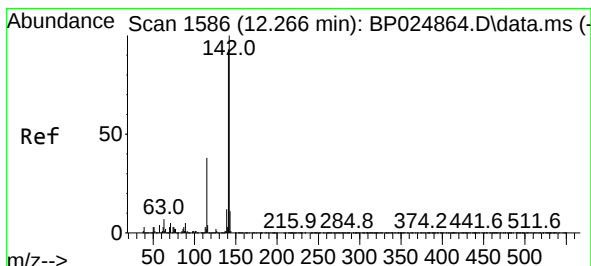
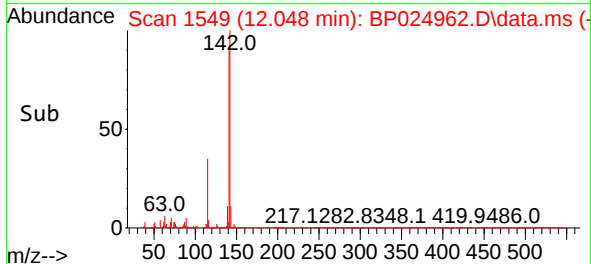
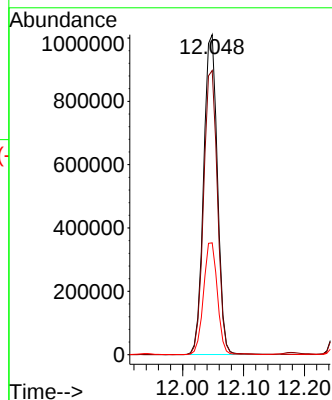
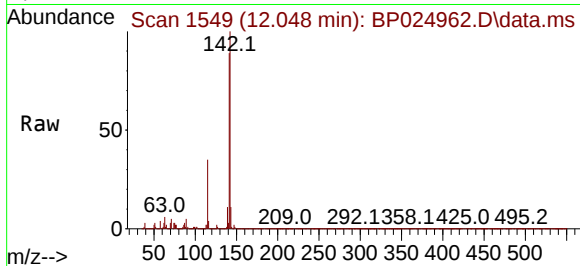




#37
2-Methylnaphthalene
Concen: 49.343 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

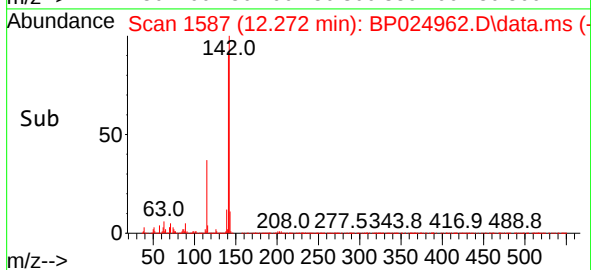
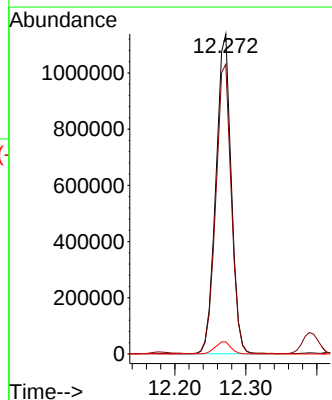
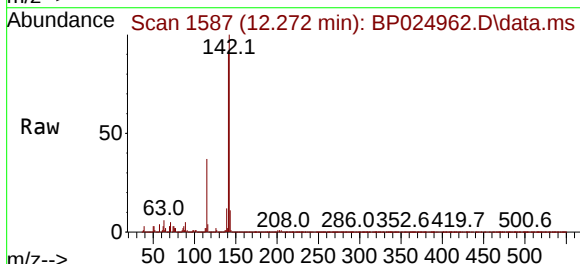
Instrument :
BNA_P
ClientSampleId :
TP-1MS

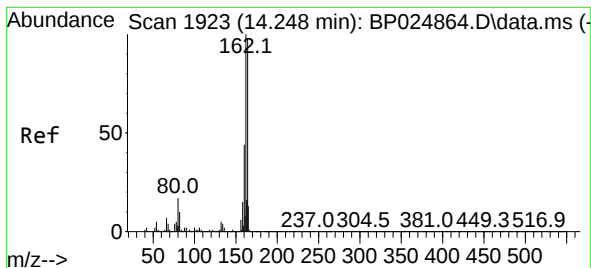
Tgt Ion:142 Resp: 1590495
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8
115 35.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 49.266 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:142 Resp: 1697759
Ion Ratio Lower Upper
142 100
141 90.6 74.7 112.1
116 3.8 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-IMS

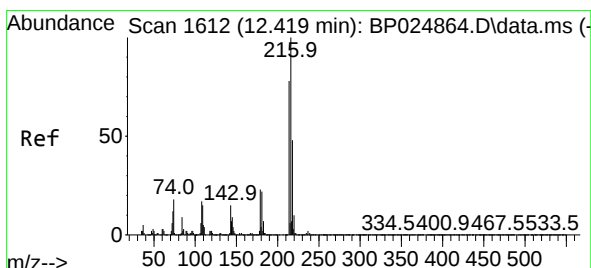
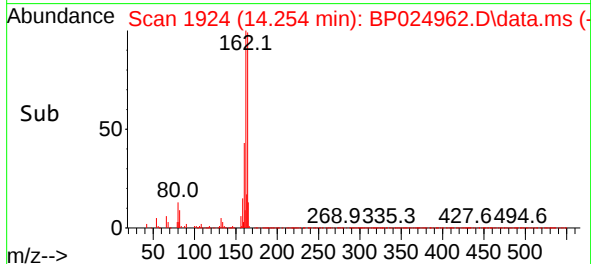
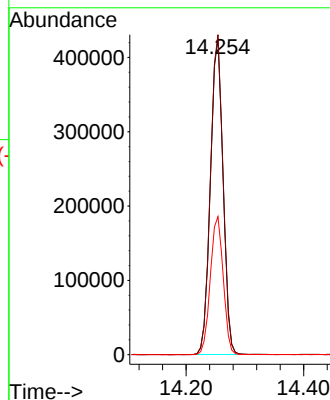
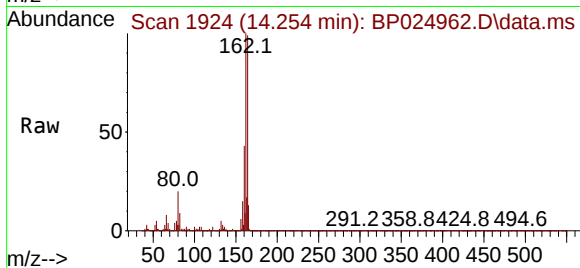
Tgt Ion:164 Resp: 634583

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 43.6 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.979 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Tgt Ion:216 Resp: 881943

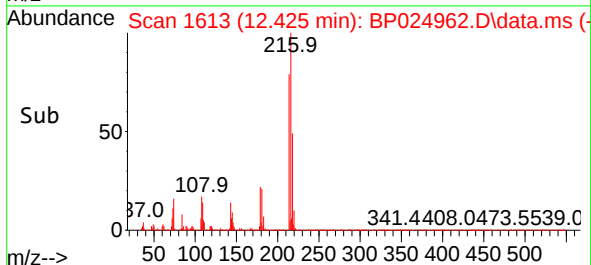
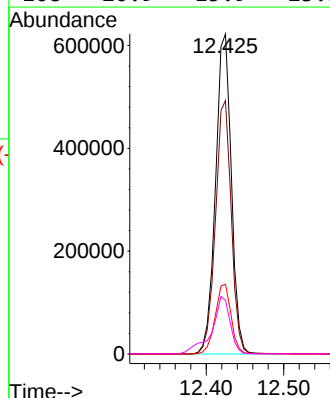
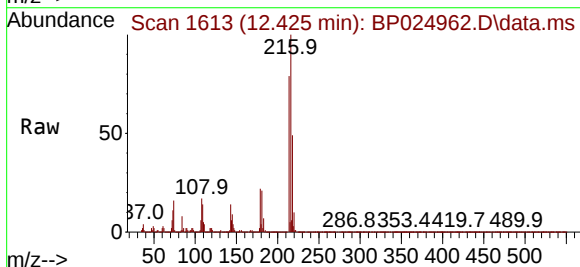
Ion Ratio Lower Upper

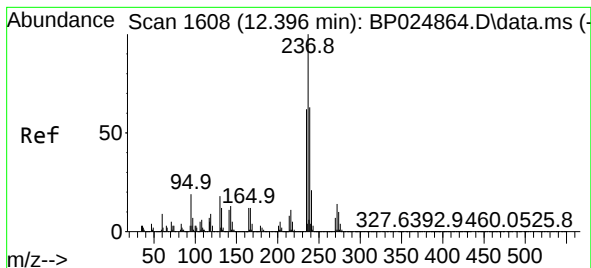
216 100

214 79.2 63.0 94.4

179 21.9 17.8 26.6

108 20.9 15.9 23.9

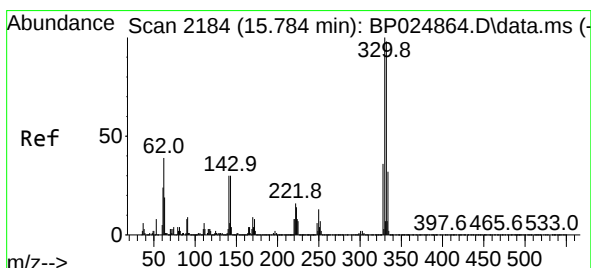
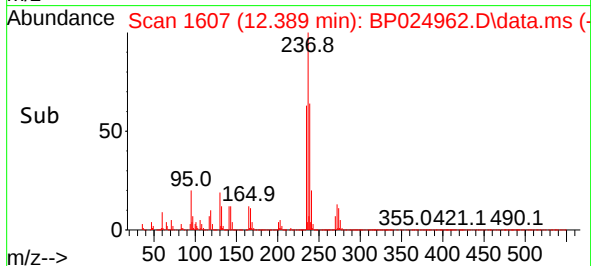
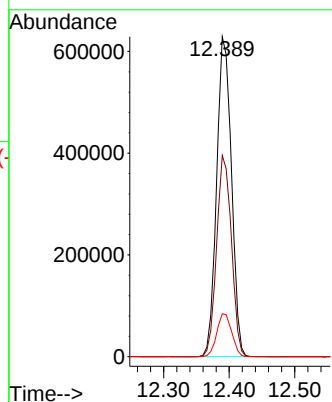
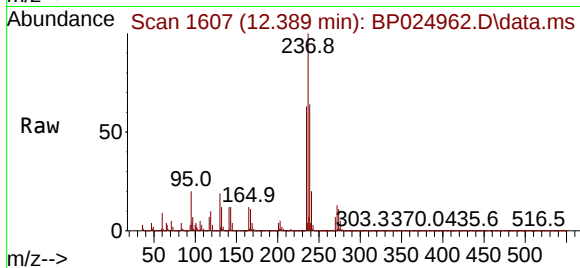




#41
Hexachlorocyclopentadiene
Concen: 89.417 ng
RT: 12.389 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

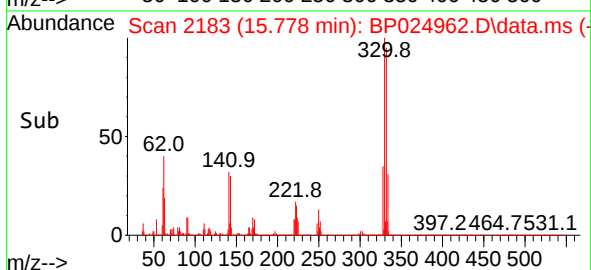
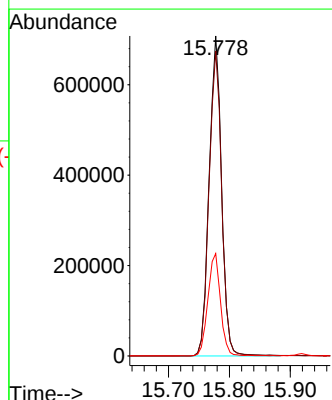
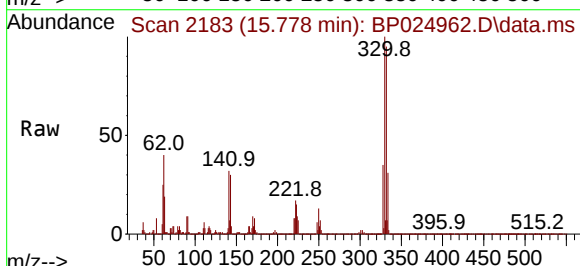
Instrument :
BNA_P
ClientSampleId :
TP-1MS

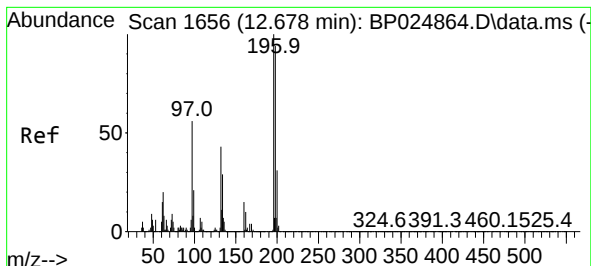
Tgt Ion:237 Resp: 982059
Ion Ratio Lower Upper
237 100
235 62.9 41.9 81.9
272 13.4 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 114.408 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:330 Resp: 1003749
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 32.5 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.492 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

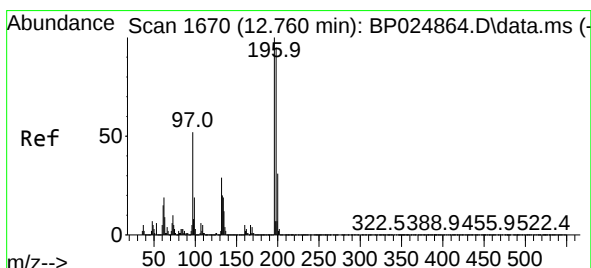
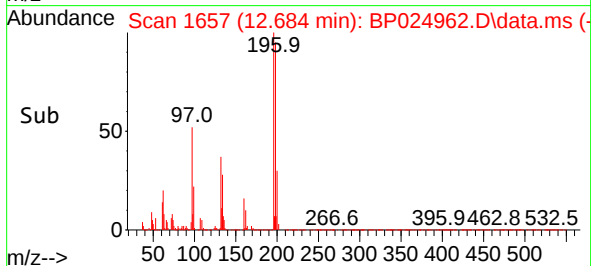
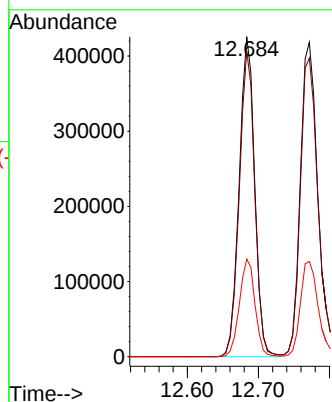
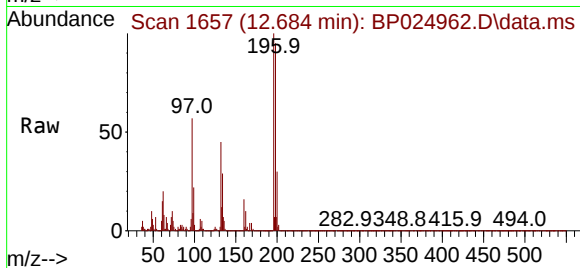
Tgt Ion:196 Resp: 646858

Ion Ratio Lower Upper

196 100

198 95.5 75.4 113.0

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 55.913 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Tgt Ion:196 Resp: 724095

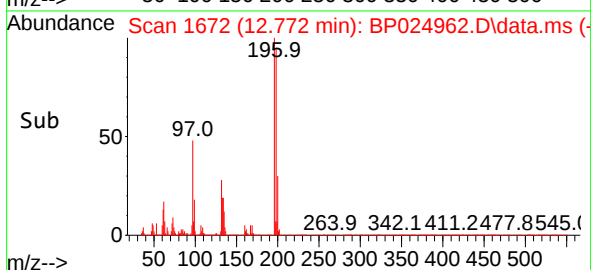
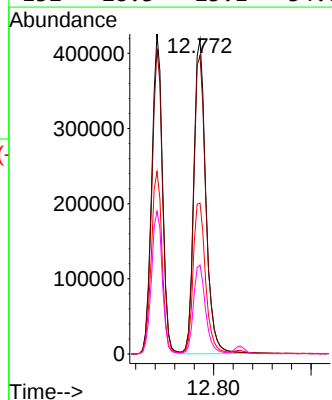
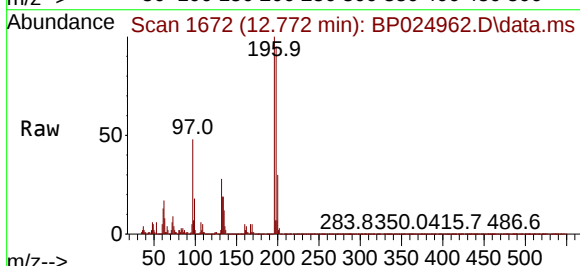
Ion Ratio Lower Upper

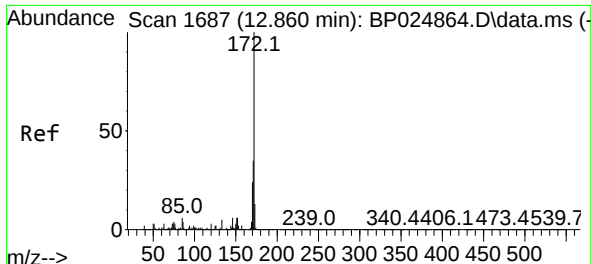
196 100

198 94.9 76.0 114.0

97 48.0 41.5 62.3

132 28.3 23.1 34.7

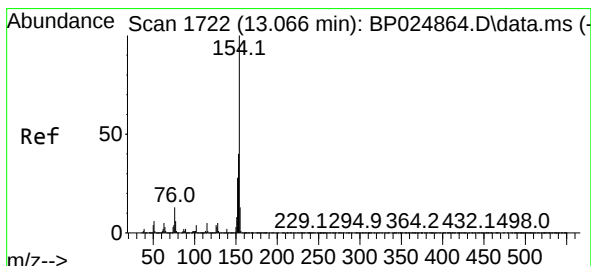
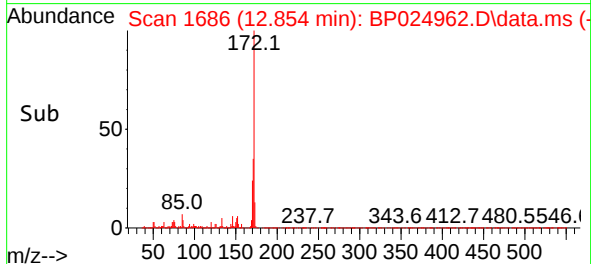
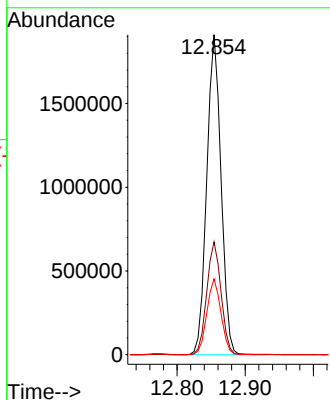
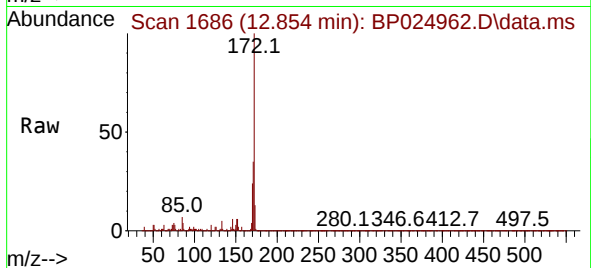




#45
2-Fluorobiphenyl
Concen: 59.127 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

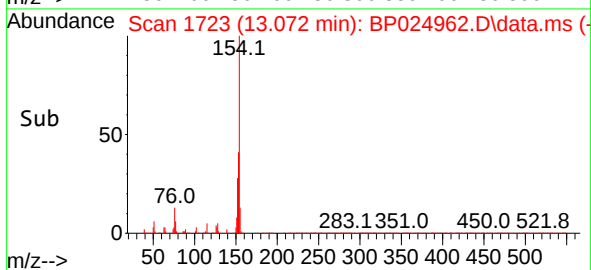
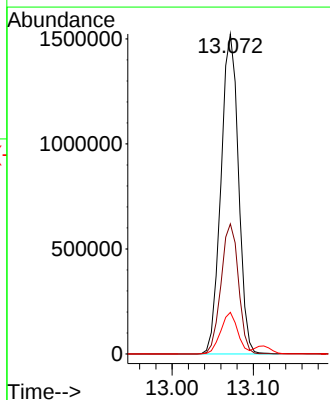
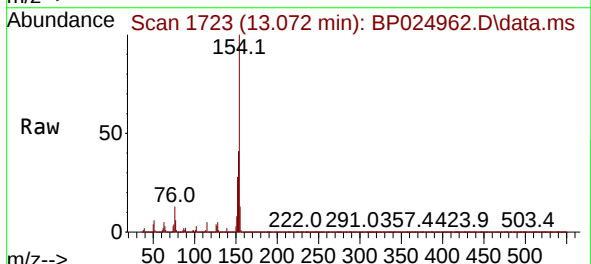
Instrument :
BNA_P
ClientSampleId :
TP-1MS

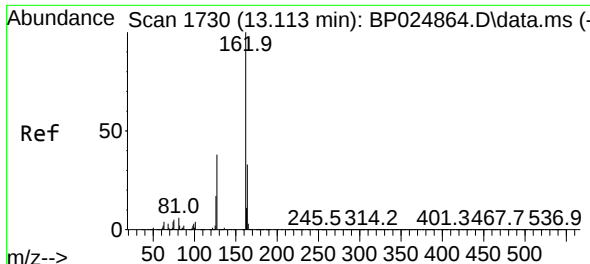
Tgt Ion:172 Resp: 2785249
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.570 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:154 Resp: 2286024
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.0 0.0 33.0

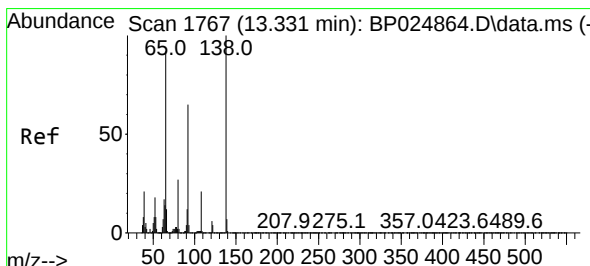
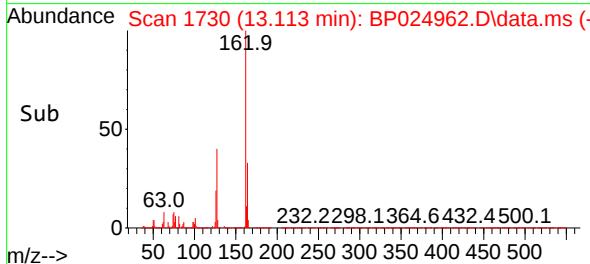
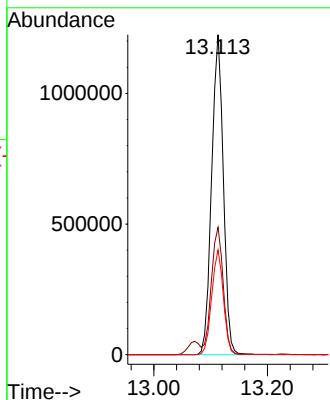
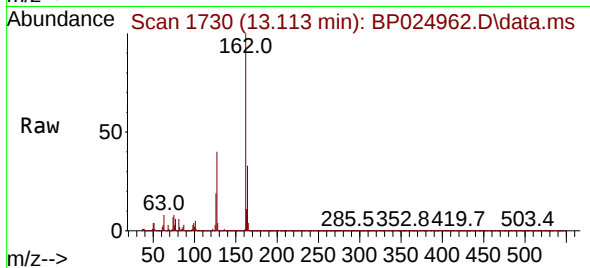




#47
2-Chloronaphthalene
Concen: 49.254 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

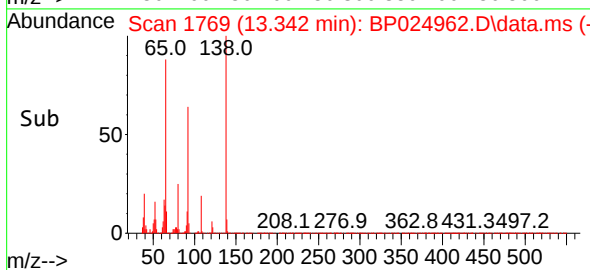
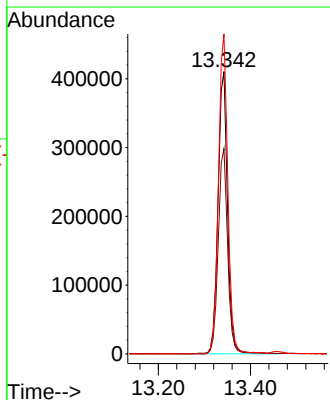
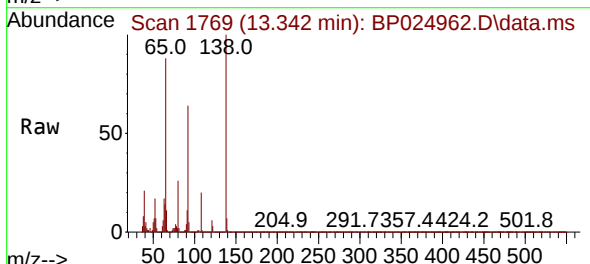
Instrument :
BNA_P
ClientSampleId :
TP-1MS

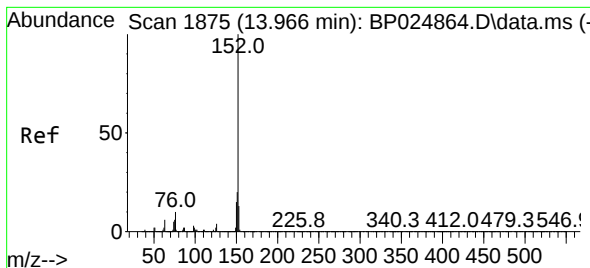
Tgt Ion:162 Resp: 1745794
Ion Ratio Lower Upper
162 100
127 39.8 32.5 48.7
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 53.617 ng
RT: 13.342 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 65 Resp: 584251
Ion Ratio Lower Upper
65 100
92 72.7 56.8 85.2
138 113.3 86.9 130.3





#49

Acenaphthylene

Concen: 50.019 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

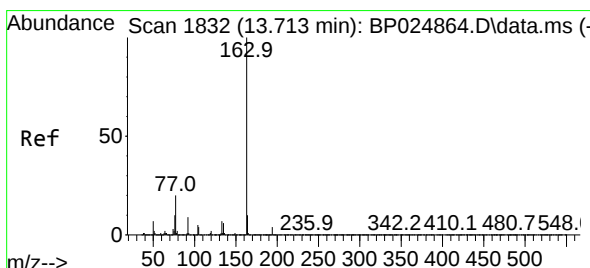
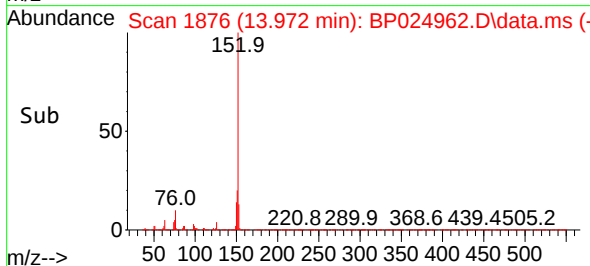
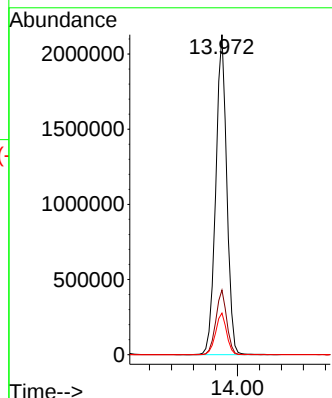
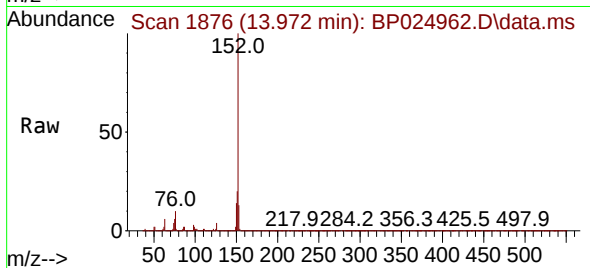
Tgt Ion:152 Resp: 2956076

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 49.796 ng

RT: 13.713 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

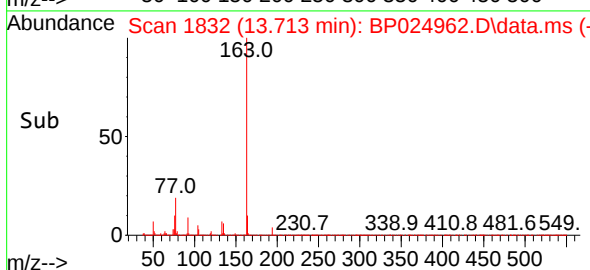
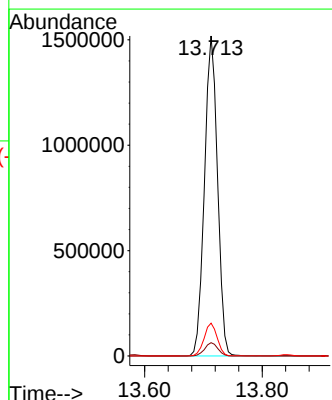
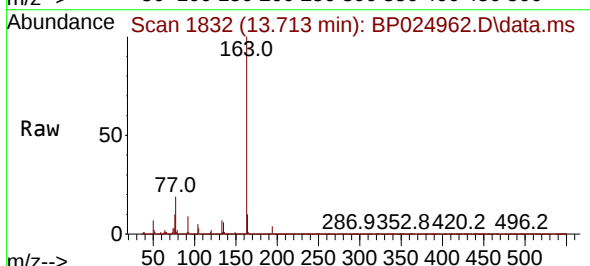
Tgt Ion:163 Resp: 2331048

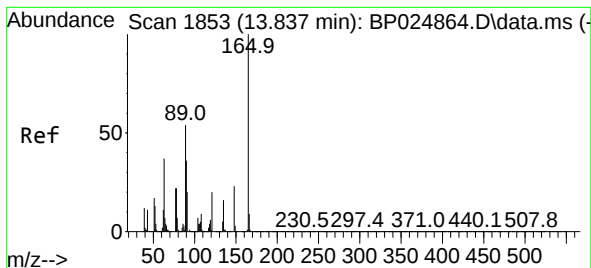
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.0 12.0

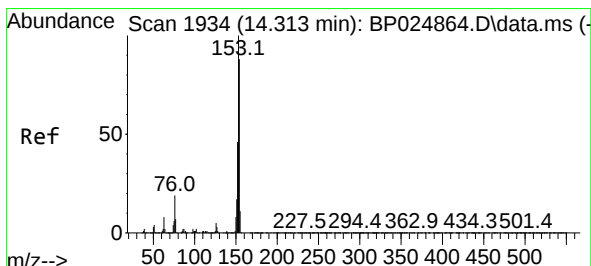
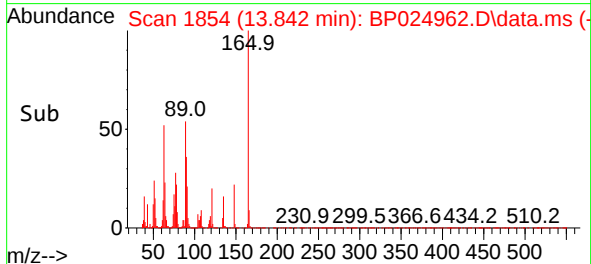
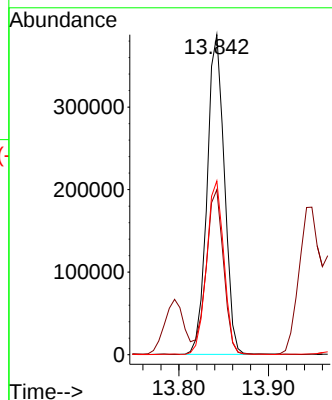
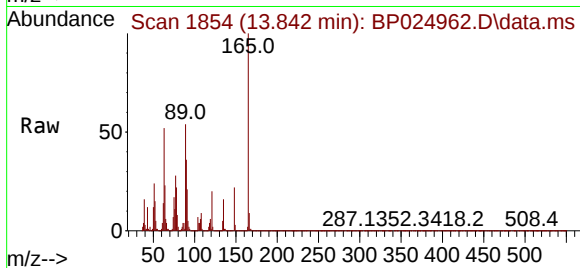




#51
2,6-Dinitrotoluene
Concen: 51.227 ng
RT: 13.842 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

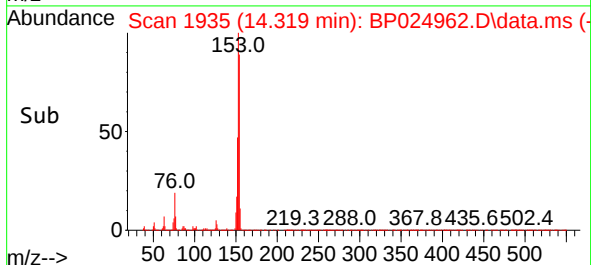
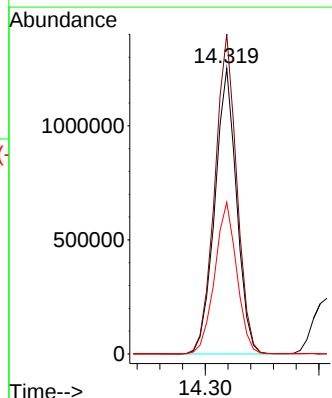
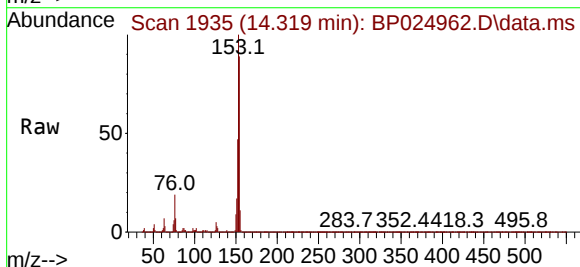
Instrument :
BNA_P
ClientSampleId :
TP-1MS

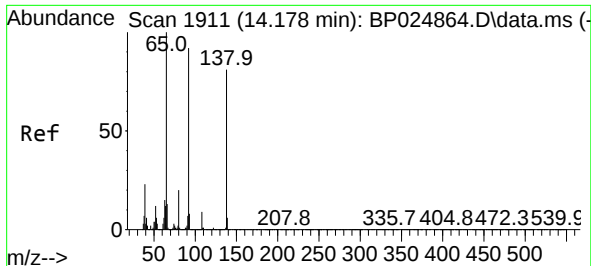
Tgt Ion:165 Resp: 516963
Ion Ratio Lower Upper
165 100
63 51.6 41.8 62.8
89 54.3 43.1 64.7



#52
Acenaphthene
Concen: 49.220 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:154 Resp: 1666851
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 53.1 42.1 63.1

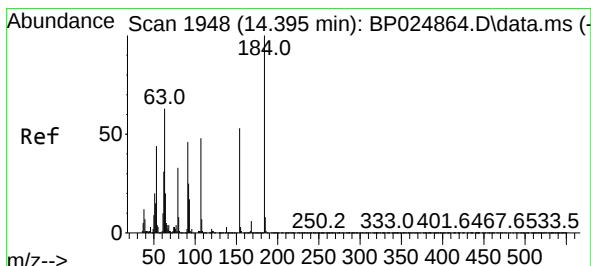
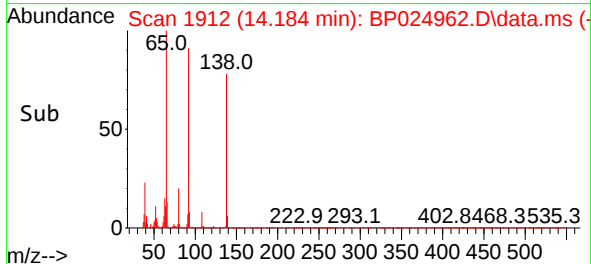
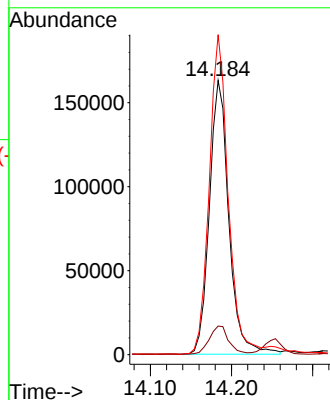
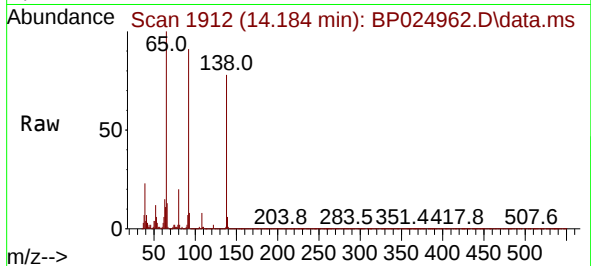




#53
3-Nitroaniline
Concen: 25.899 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

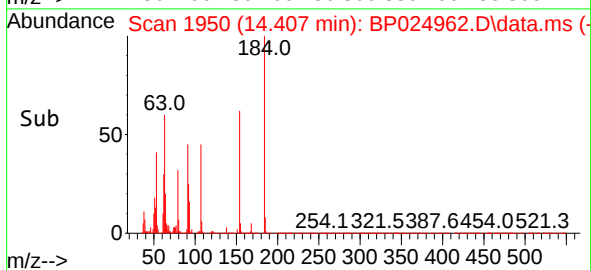
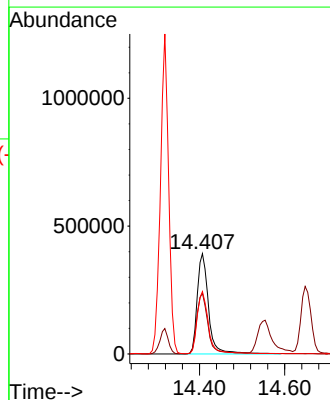
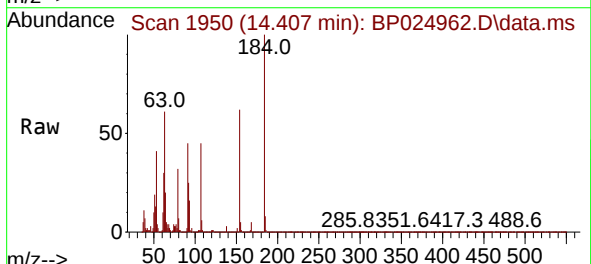
Instrument :
BNA_P
ClientSampleId :
TP-1MS

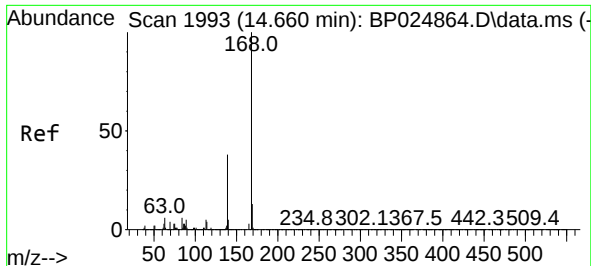
Tgt Ion:138 Resp: 271235
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 116.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 108.084 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:184 Resp: 724045
Ion Ratio Lower Upper
184 100
63 60.6 51.0 76.4
154 62.3 51.7 77.5

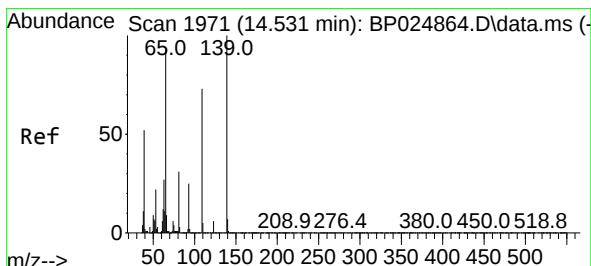
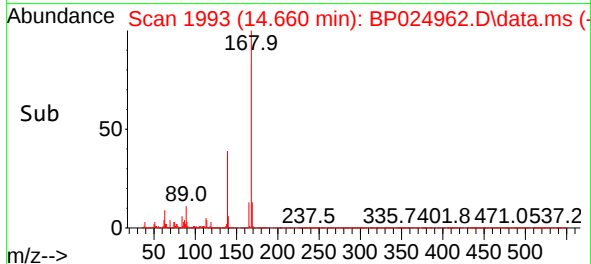
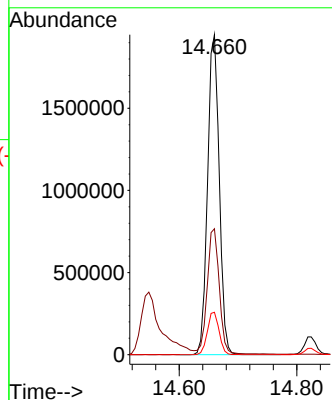
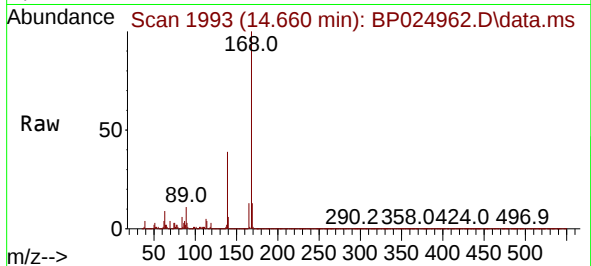




#55
Dibenzofuran
Concen: 49.244 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

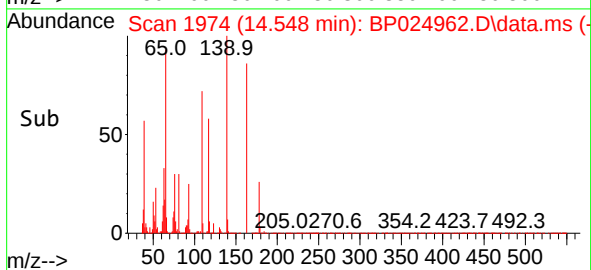
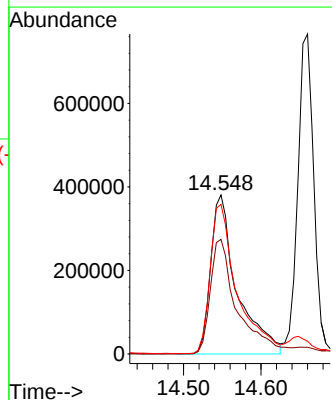
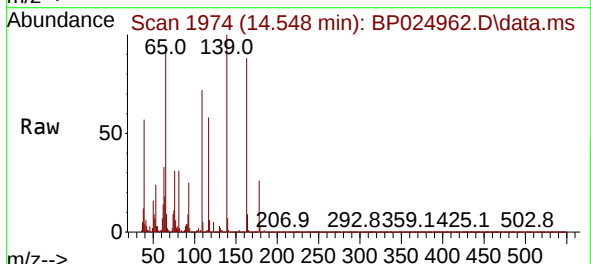
Instrument :
BNA_P
ClientSampleId :
TP-1MS

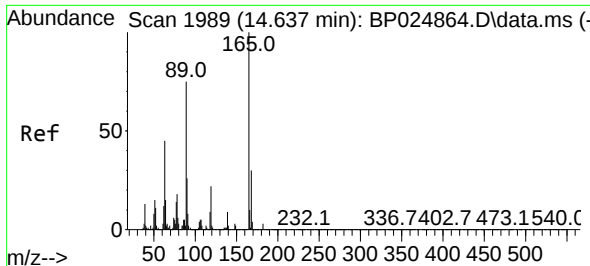
Tgt Ion:168 Resp: 2676900
Ion Ratio Lower Upper
168 100
139 39.3 31.6 47.4
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 99.651 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:139 Resp: 896153
Ion Ratio Lower Upper
139 100
109 72.1 53.1 93.1
65 94.1 73.0 113.0

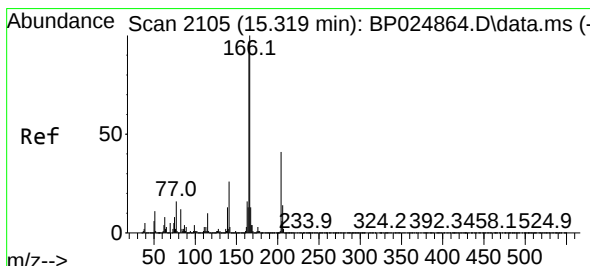
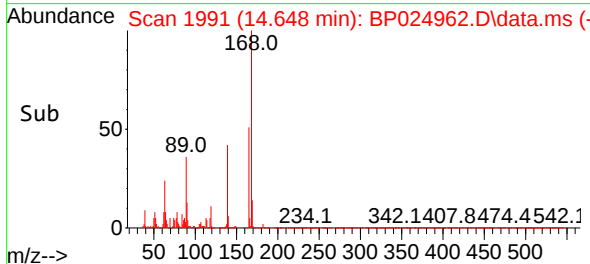
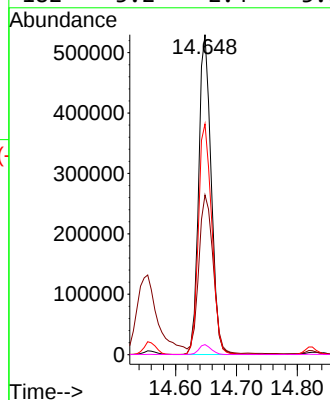
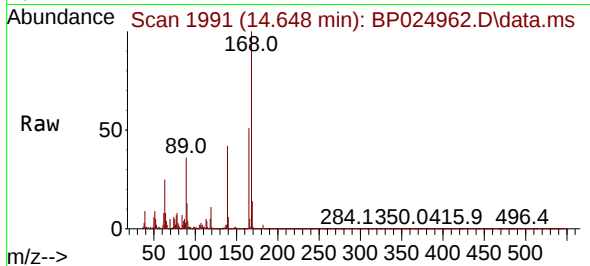




#57
2,4-Dinitrotoluene
Concen: 53.598 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

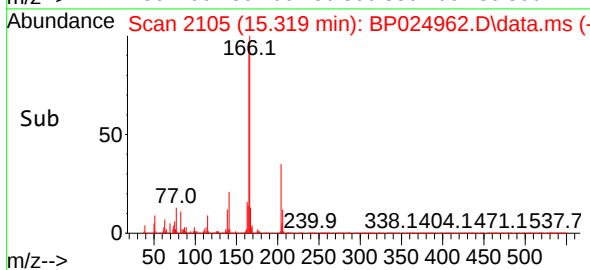
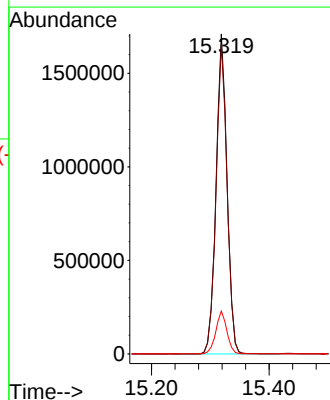
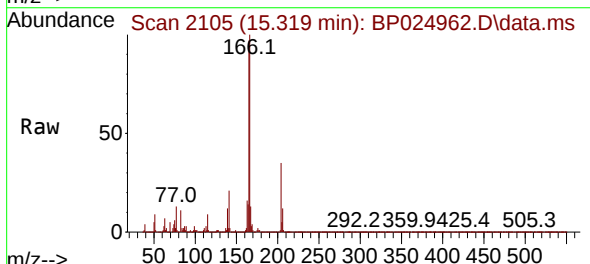
Instrument :
BNA_P
ClientSampleId :
TP-1MS

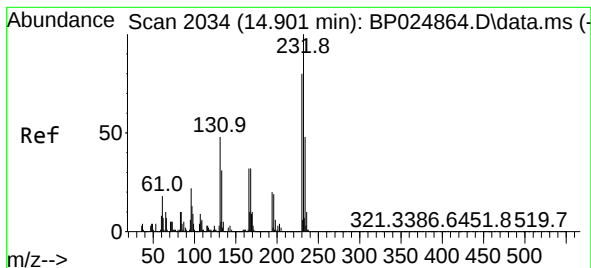
Tgt Ion:165 Resp: 756620
Ion Ratio Lower Upper
165 100
63 49.9 37.0 55.6
89 72.1 60.1 90.1
182 3.2 2.4 3.6



#58
Fluorene
Concen: 50.420 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:166 Resp: 2214136
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 13.4 10.6 16.0

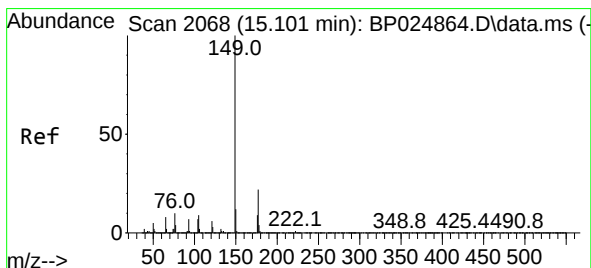
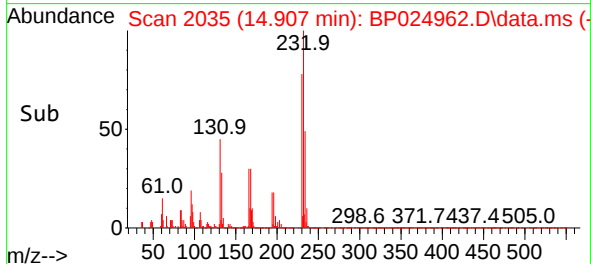
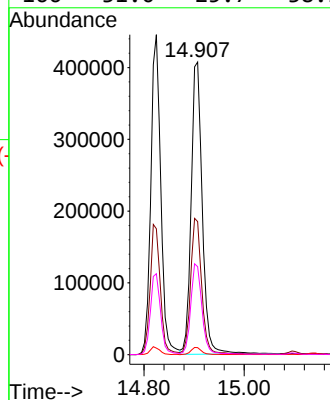
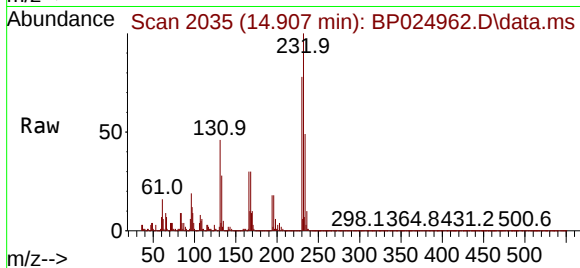




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.349 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

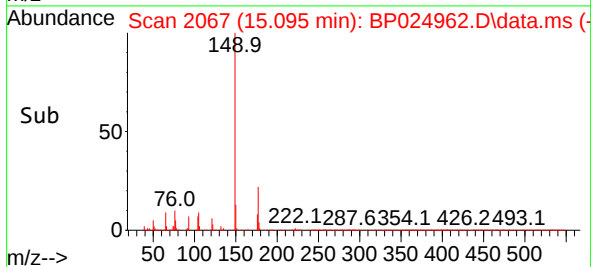
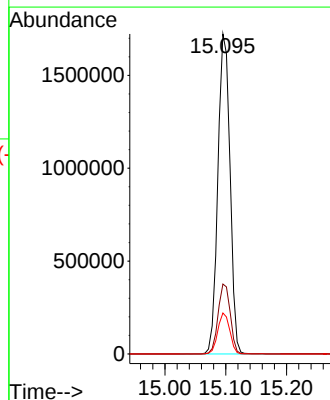
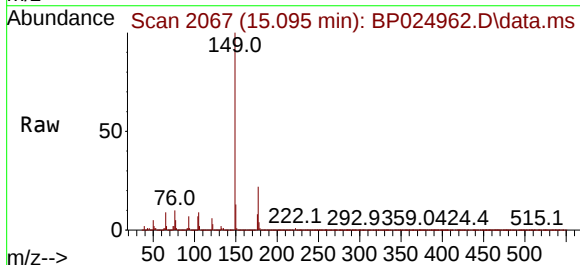
Instrument :
BNA_P
ClientSampleId :
TP-1MS

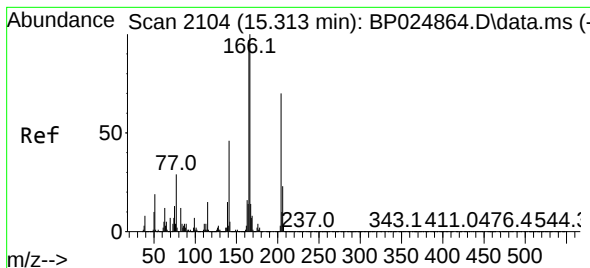
Tgt Ion:232 Resp: 628870
Ion Ratio Lower Upper
232 100
131 45.6 38.2 57.2
130 2.5 2.1 3.1
166 31.0 25.7 38.5



#60
Diethylphthalate
Concen: 50.875 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:149 Resp: 2373493
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.8 9.8 14.6

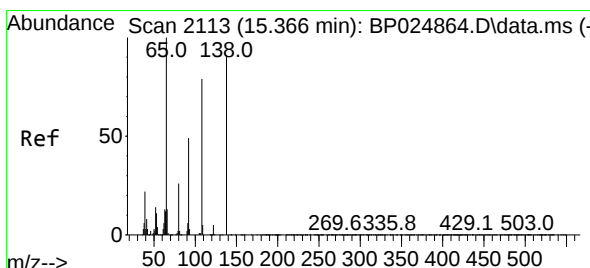
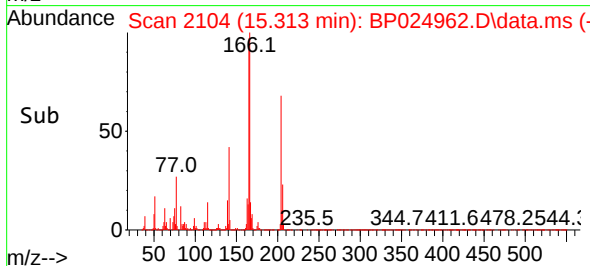
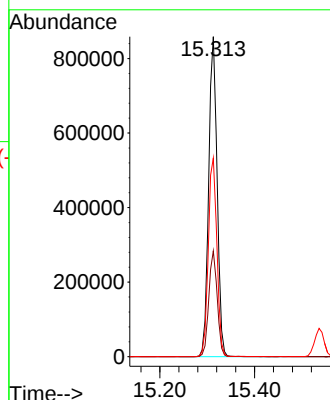
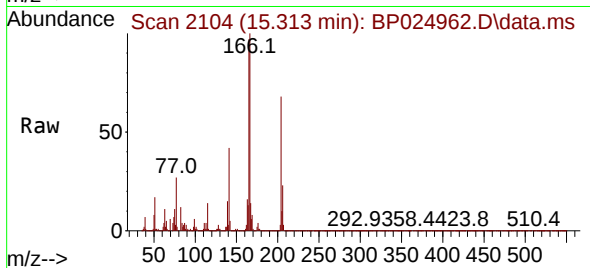




#61
4-Chlorophenyl-phenylether
Concen: 49.302 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

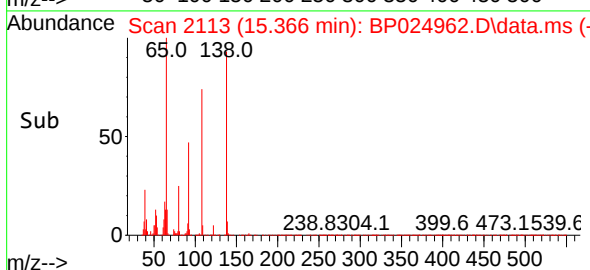
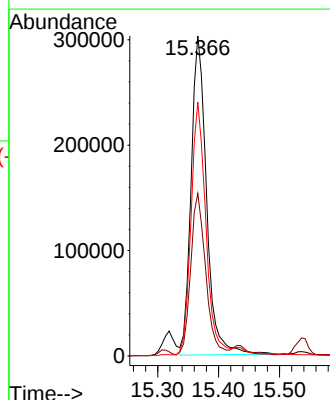
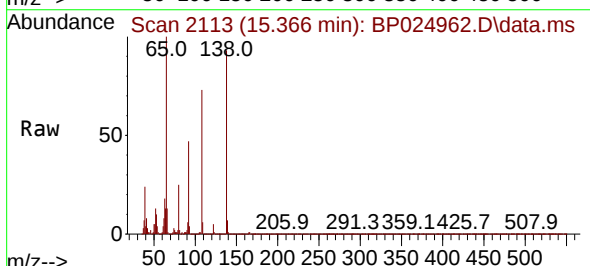
Instrument :
BNA_P
ClientSampleId :
TP-1MS

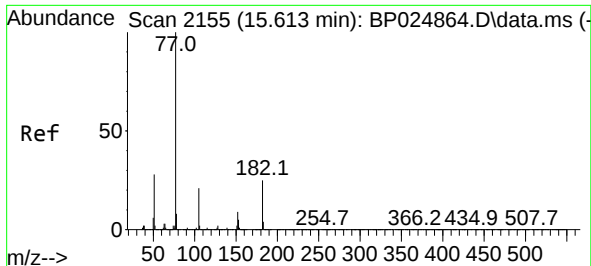
Tgt Ion:204 Resp: 1058598
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 62.1 52.4 78.6



#62
4-Nitroaniline
Concen: 56.159 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:138 Resp: 533274
Ion Ratio Lower Upper
138 100
92 50.8 33.5 73.5
108 79.3 65.1 105.1



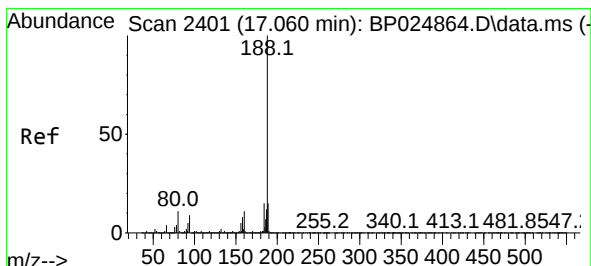
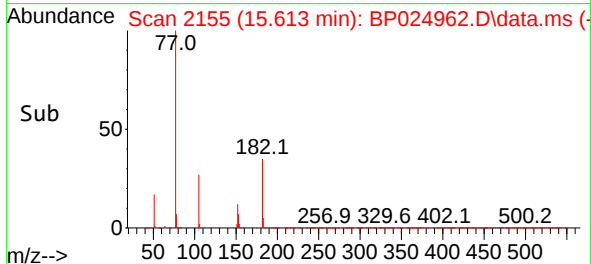
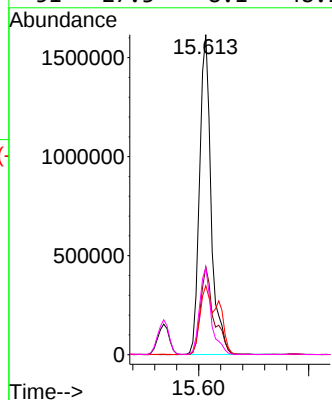
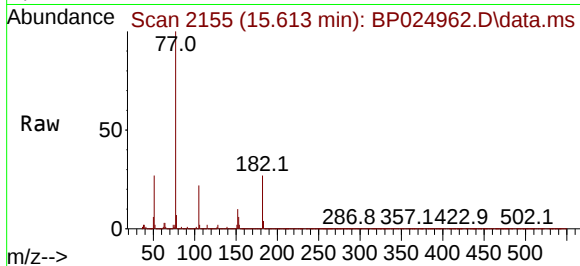


#63
Azobenzene
Concen: 55.271 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Instrument :
BNA_P
ClientSampleId :
TP-1MS

Tgt Ion: 77 Resp: 2364925

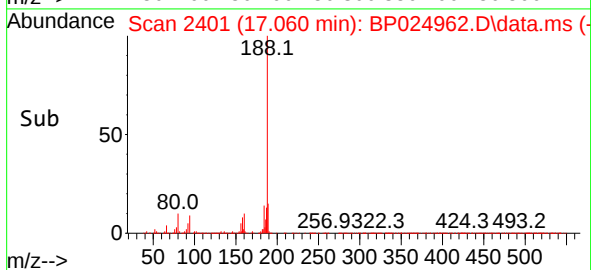
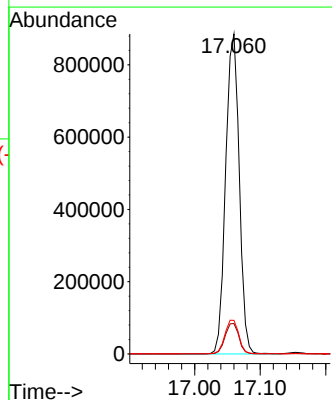
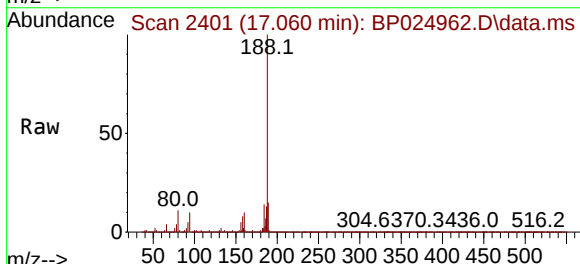
Ion	Ratio	Lower	Upper
77	100		
182	27.4	5.4	45.4
105	21.6	0.8	40.8
51	27.3	8.1	48.1

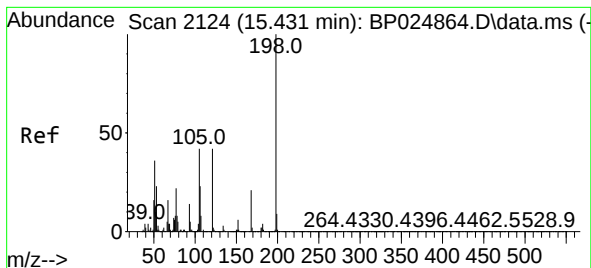


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion: 188 Resp: 1267746

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.5	8.5	12.7

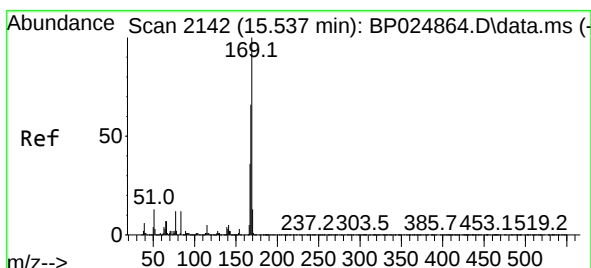
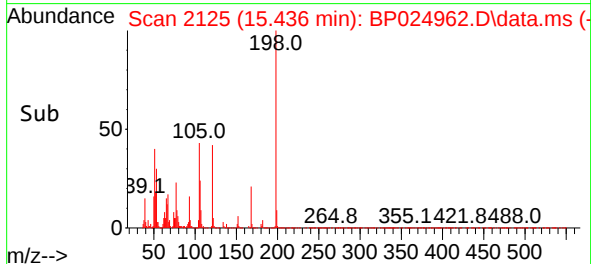
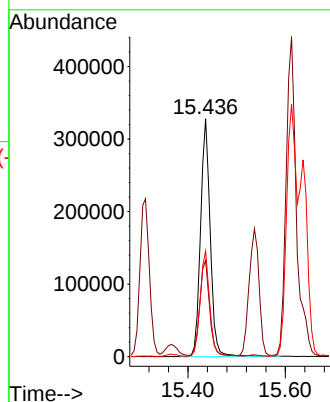
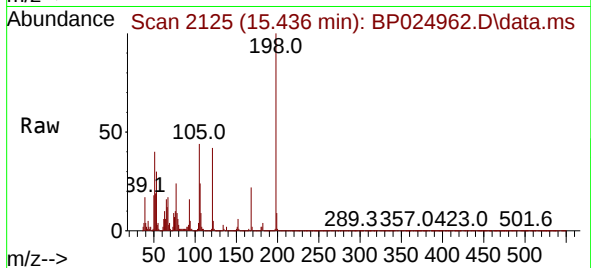




#65
4,6-Dinitro-2-methylphenol
Concen: 54.593 ng
RT: 15.436 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

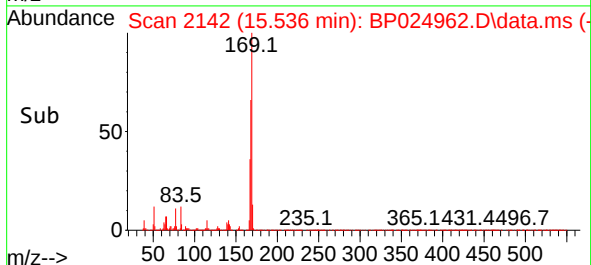
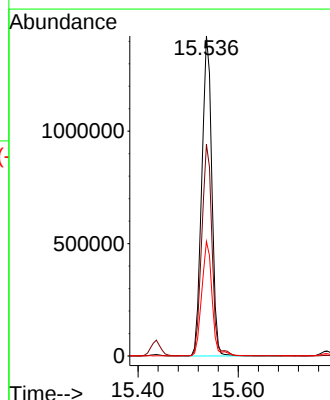
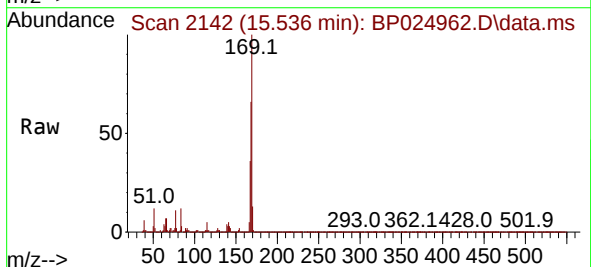
Instrument :
BNA_P
ClientSampleId :
TP-1MS

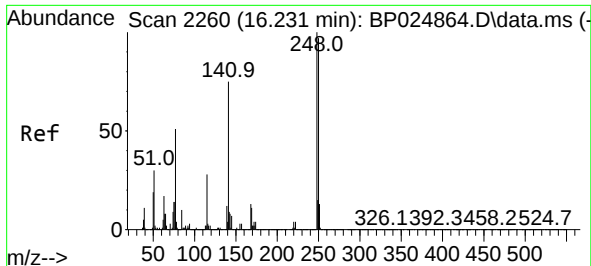
Tgt Ion:198 Resp: 454770
Ion Ratio Lower Upper
198 100
51 40.4 19.2 59.2
105 44.5 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 50.135 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:169 Resp: 1970004
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.8 28.6 43.0

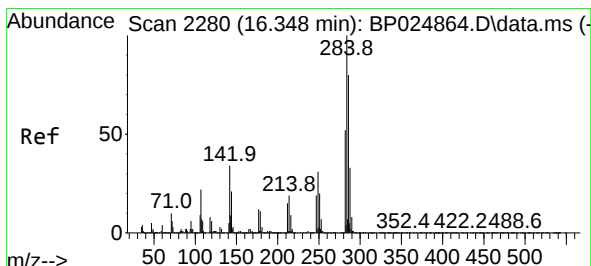
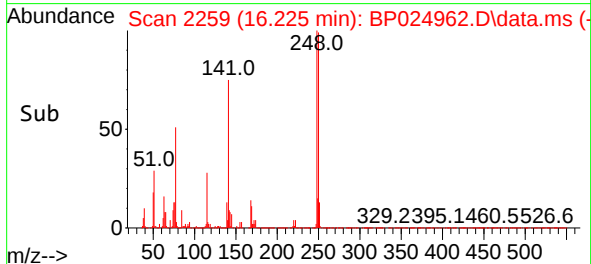
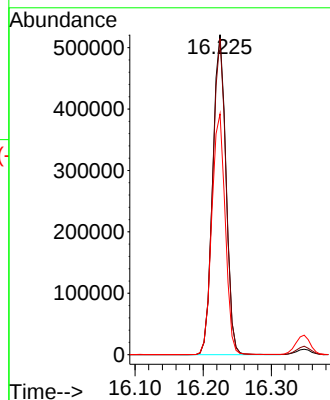
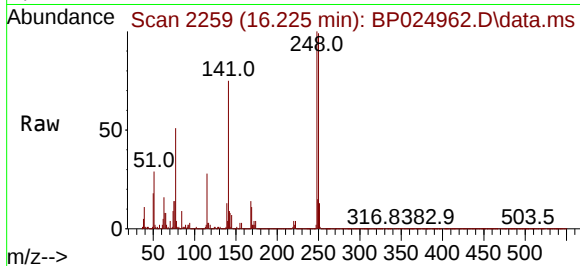




#67
4-Bromophenyl-phenylether
Concen: 49.406 ng
RT: 16.225 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

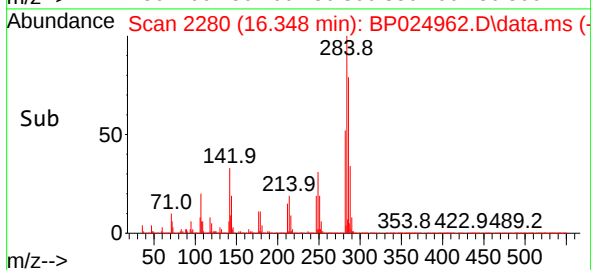
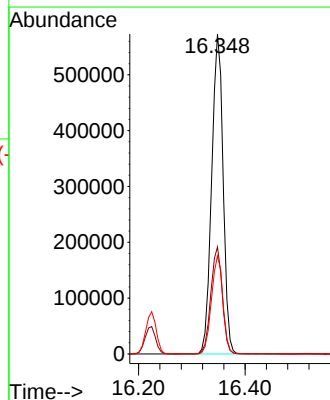
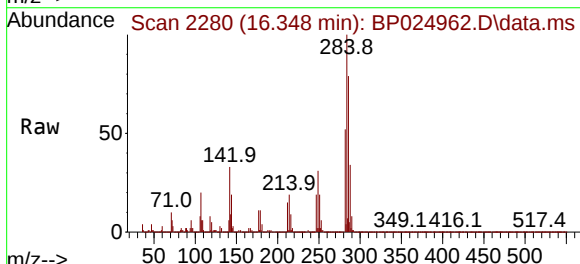
Instrument :
BNA_P
ClientSampleId :
TP-1MS

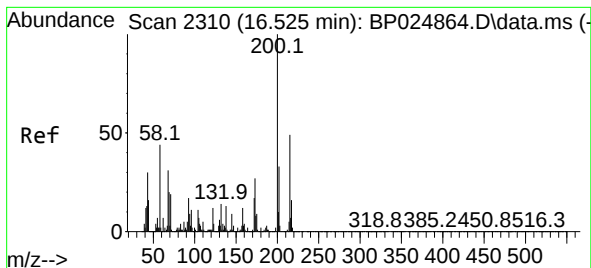
Tgt Ion:248 Resp: 706722
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 75.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 49.304 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:284 Resp: 854973
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 30.6 25.0 37.6





#69

Atrazine

Concen: 52.539 ng

RT: 16.519 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

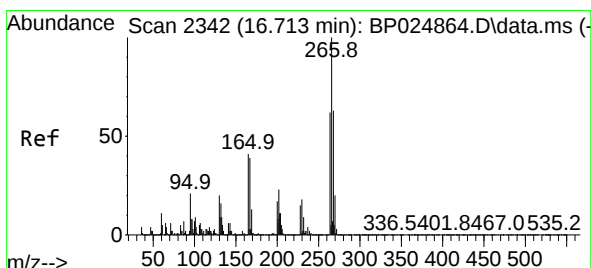
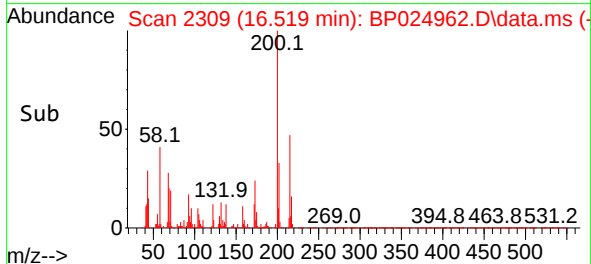
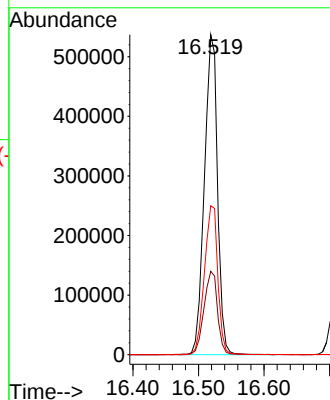
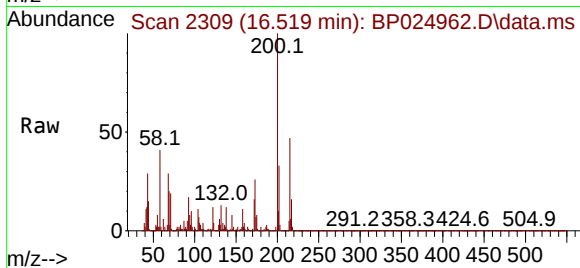
Tgt Ion:200 Resp: 748406

Ion Ratio Lower Upper

200 100

173 26.1 6.9 46.9

215 46.6 28.7 68.7



#70

Pentachlorophenol

Concen: 123.256 ng

RT: 16.713 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

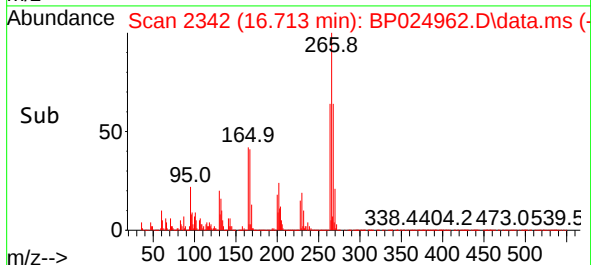
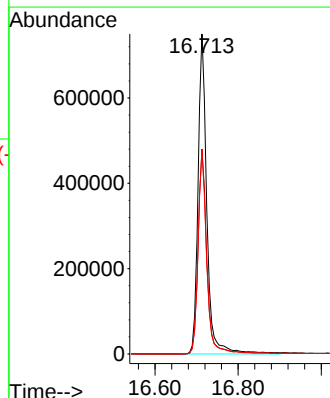
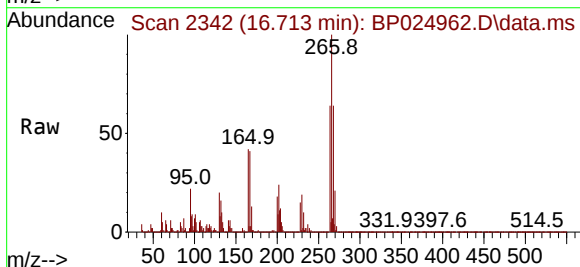
Tgt Ion:266 Resp: 1106201

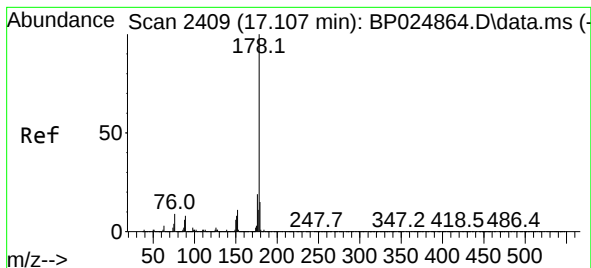
Ion Ratio Lower Upper

266 100

268 64.0 50.6 76.0

264 63.8 49.7 74.5





#71

Phenanthrene

Concen: 49.411 ng

RT: 17.101 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

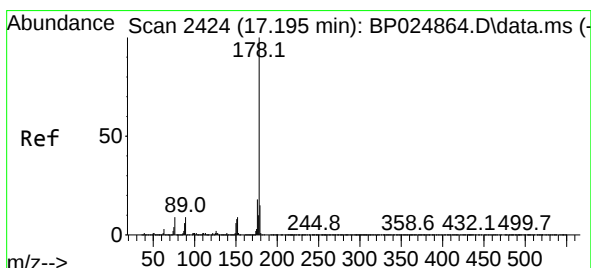
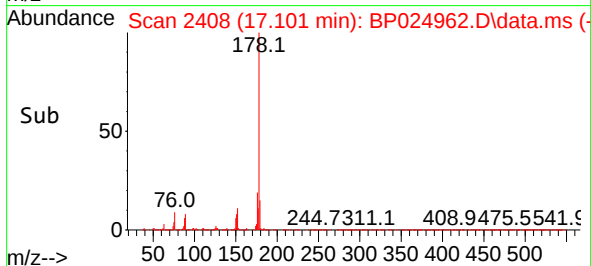
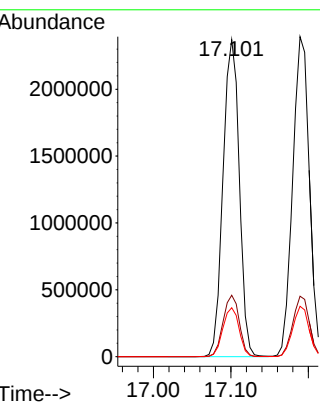
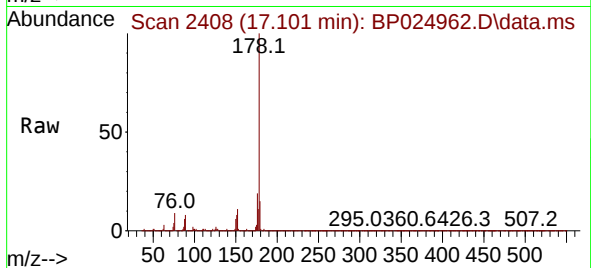
Tgt Ion:178 Resp: 3461594

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.4 12.1 18.1



#72

Anthracene

Concen: 50.545 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

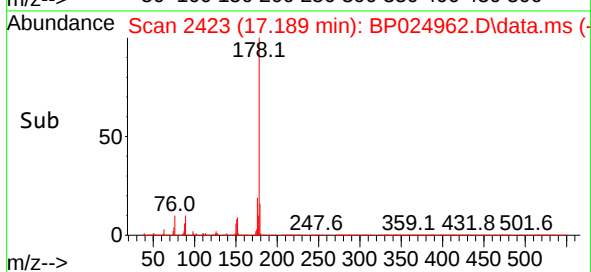
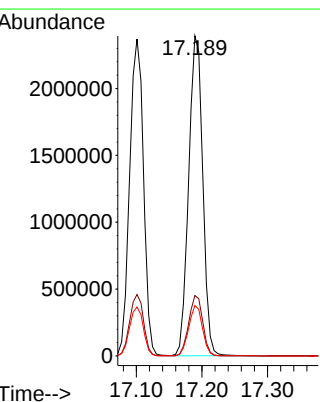
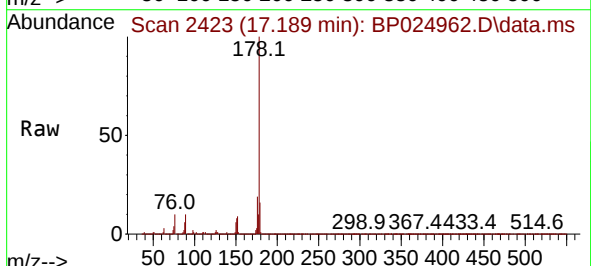
Tgt Ion:178 Resp: 3586242

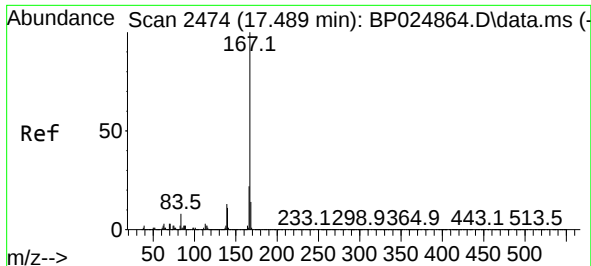
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.8 12.3 18.5

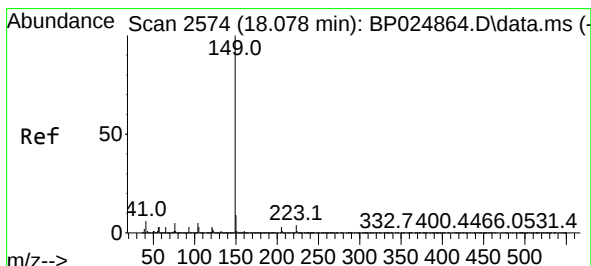
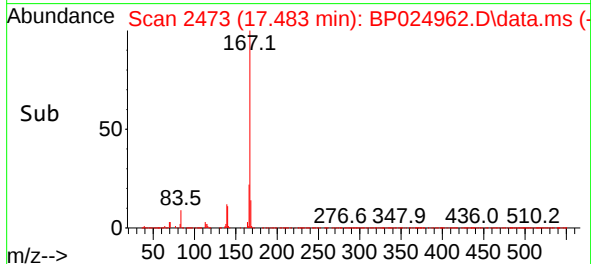
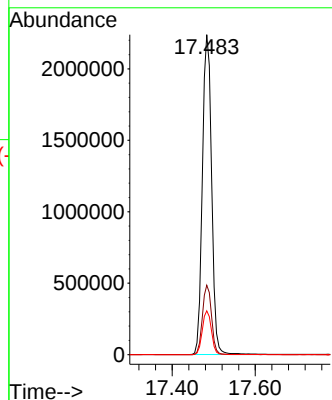
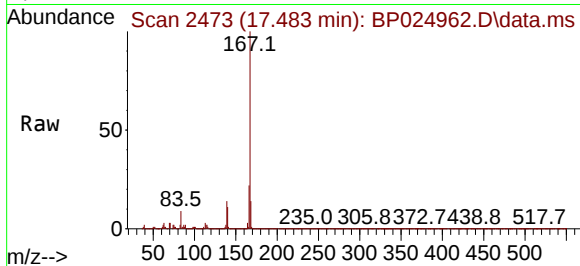




#73
 Carbazole
 Concen: 52.609 ng
 RT: 17.483 min Scan# 2474
 Delta R.T. -0.006 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

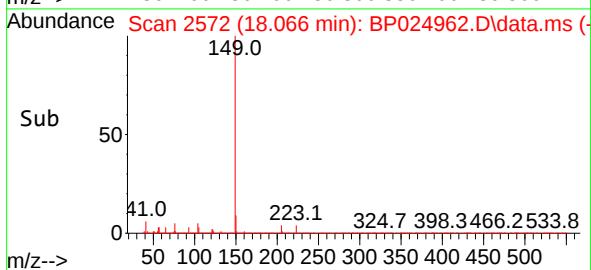
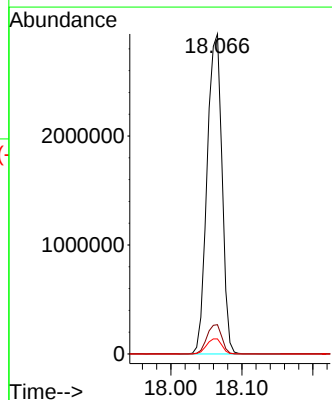
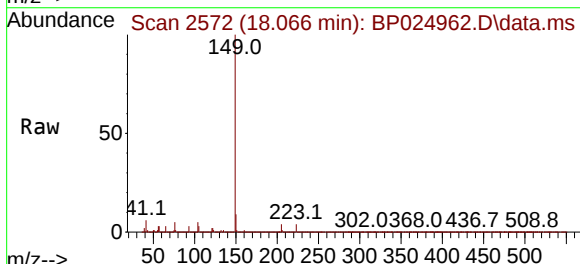
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

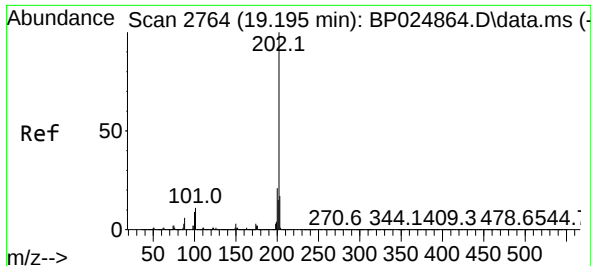
Tgt Ion:167 Resp: 3459825
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 52.507 ng
 RT: 18.066 min Scan# 2572
 Delta R.T. -0.012 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

Tgt Ion:149 Resp: 4278431
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.7 4.2 6.2

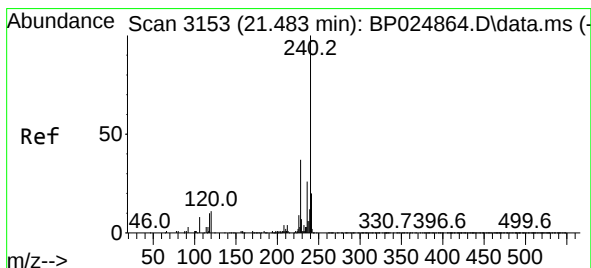
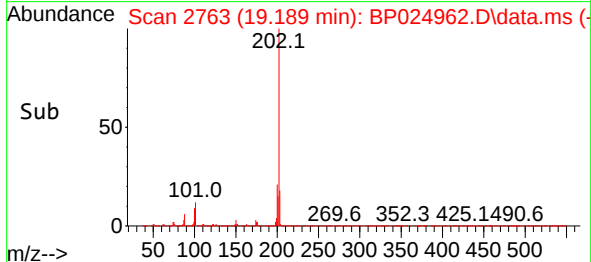
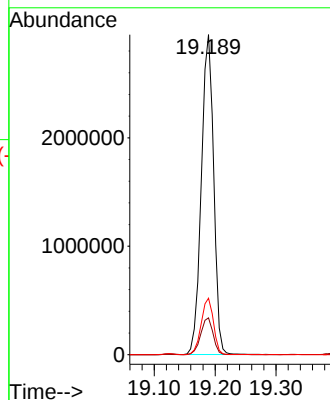
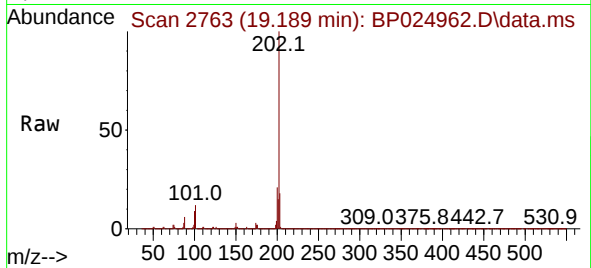




#75
Fluoranthene
Concen: 51.020 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

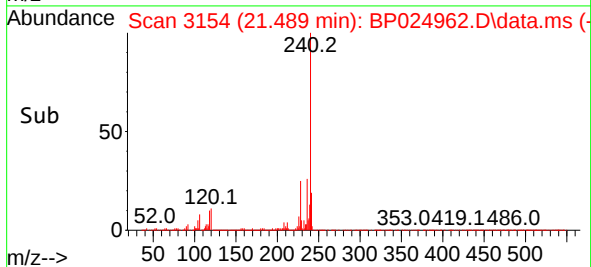
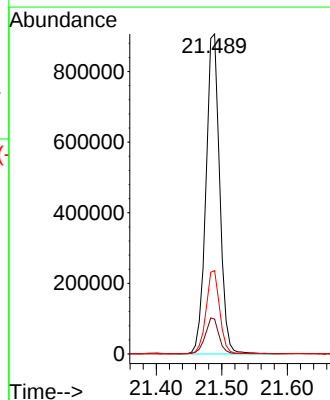
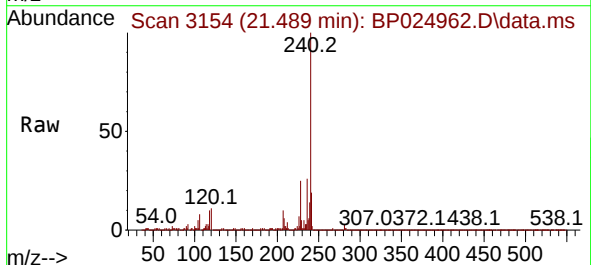
Instrument :
BNA_P
ClientSampleId :
TP-1MS

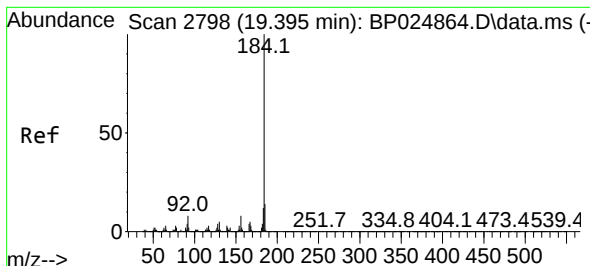
Tgt Ion:202 Resp: 4142814
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024962.D
Acq: 16 Jun 2025 15:42

Tgt Ion:240 Resp: 1323029
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.1 20.9 31.3





#77

Benzidine

Concen: 58.637 ng

RT: 19.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

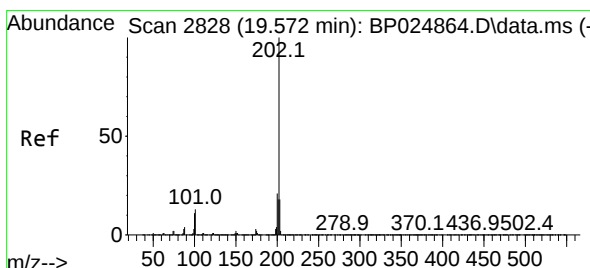
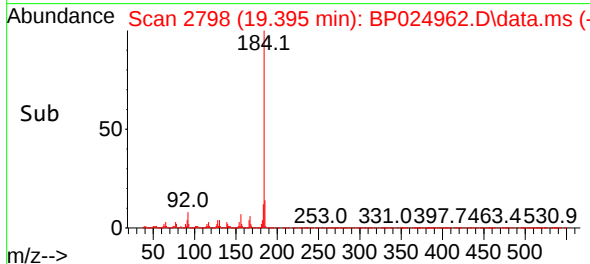
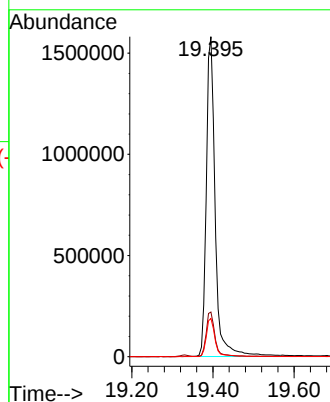
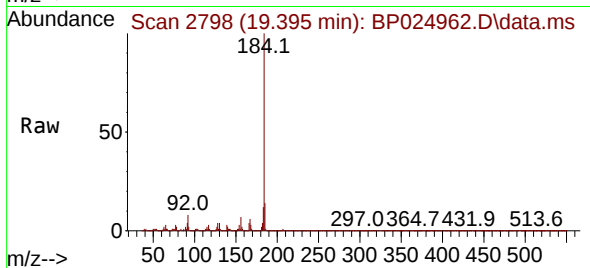
Tgt Ion:184 Resp: 2402730

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 12.0 9.5 14.3



#78

Pyrene

Concen: 51.761 ng

RT: 19.566 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

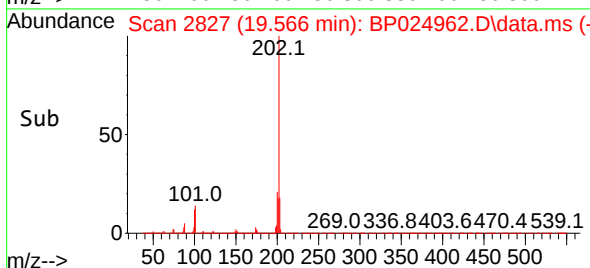
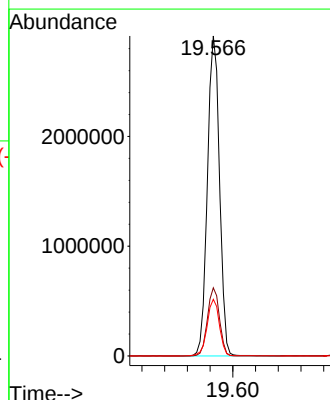
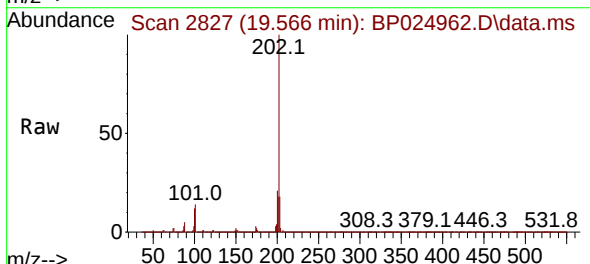
Tgt Ion:202 Resp: 4278308

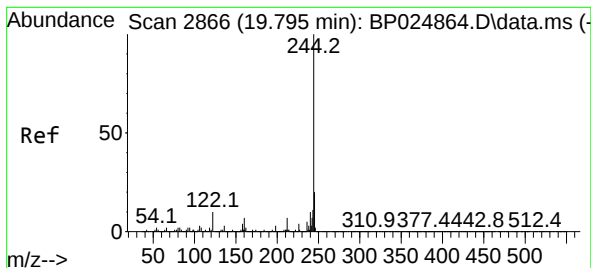
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 58.699 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

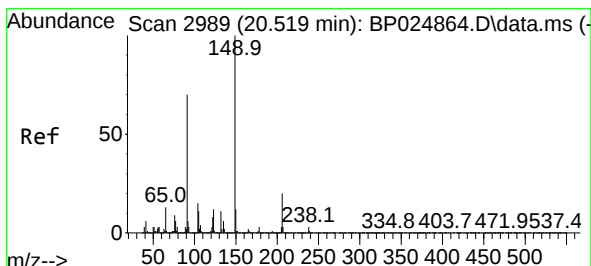
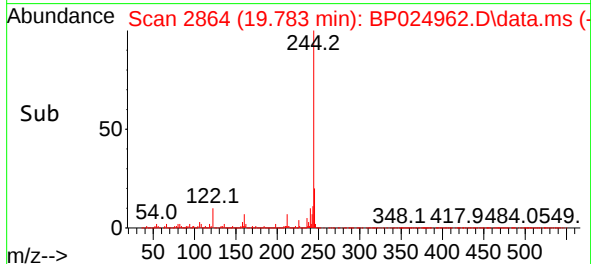
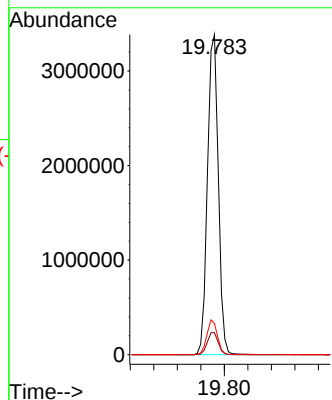
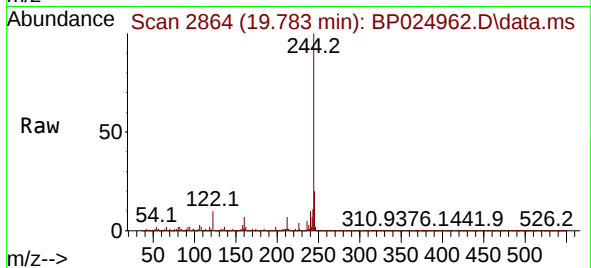
Tgt Ion:244 Resp: 4333118

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 53.232 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

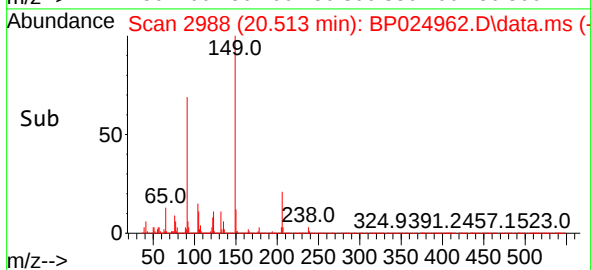
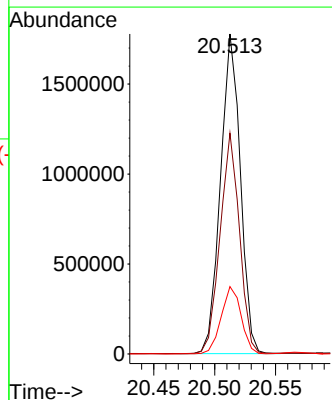
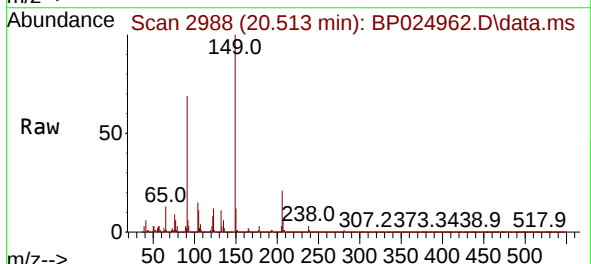
Tgt Ion:149 Resp: 2015408

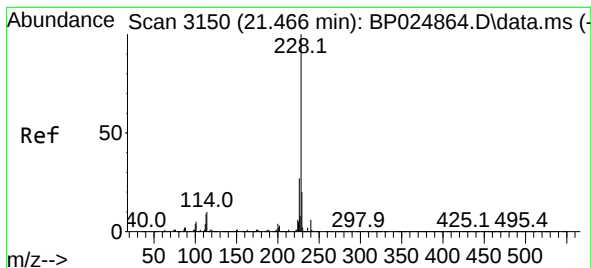
Ion Ratio Lower Upper

149 100

91 69.0 55.8 83.8

206 21.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 51.527 ng

RT: 21.465 min Scan# 3150

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

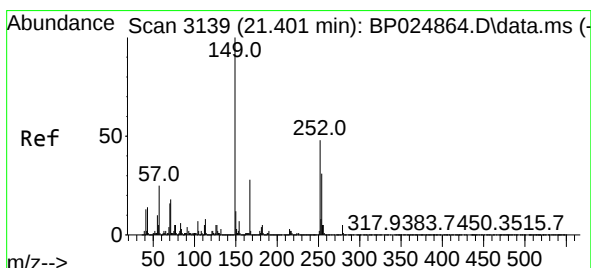
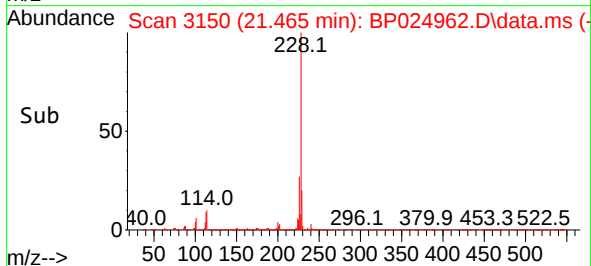
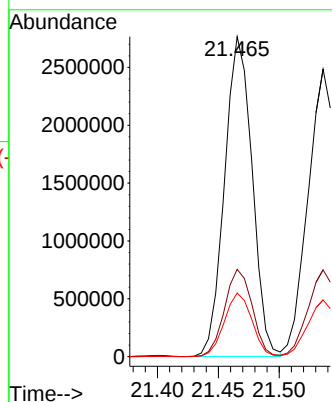
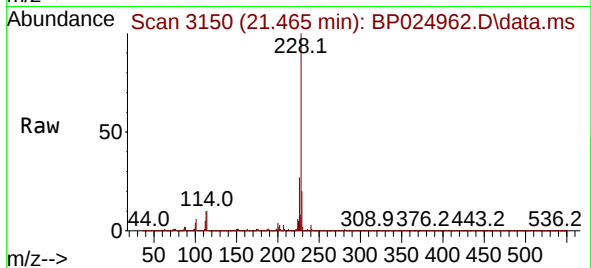
Tgt Ion:228 Resp: 4360098

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 31.149 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

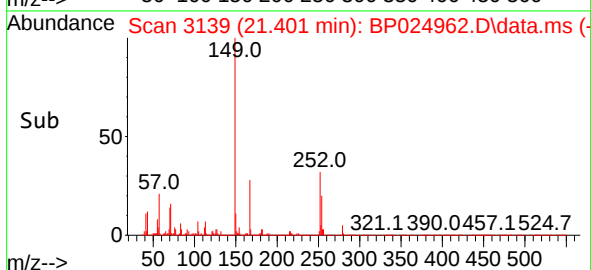
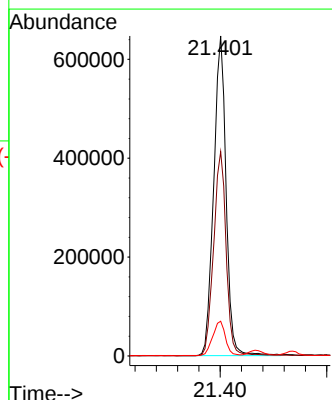
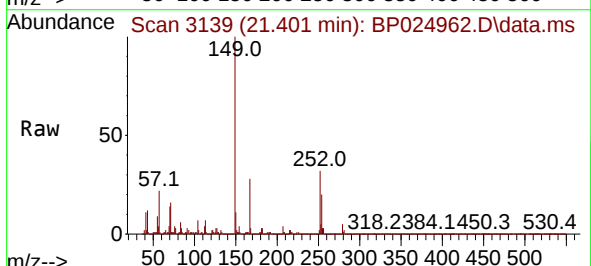
Tgt Ion:252 Resp: 1046399

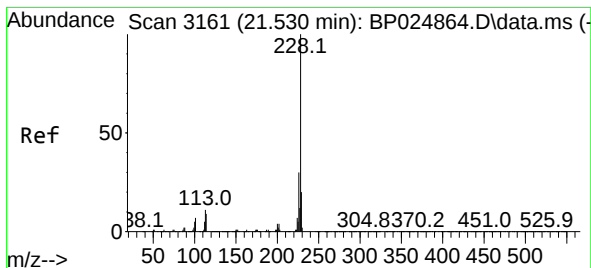
Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

126 10.8 8.6 12.8





#83

Chrysene

Concen: 50.832 ng

RT: 21.536 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

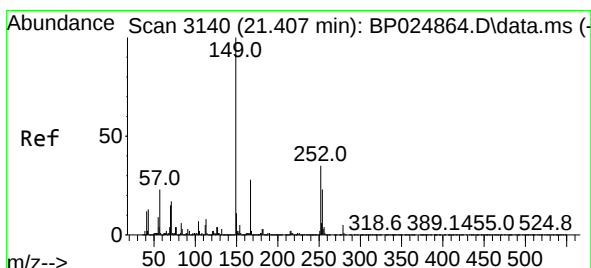
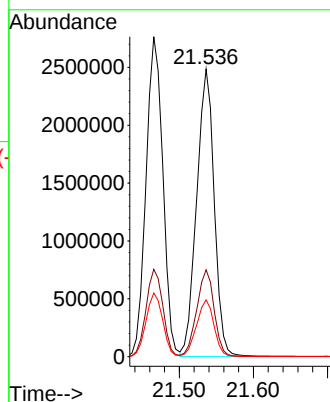
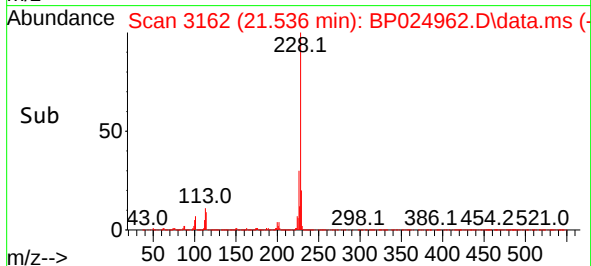
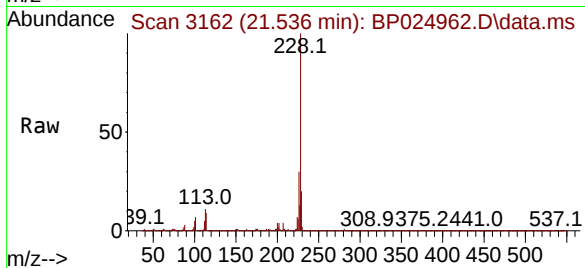
Tgt Ion:228 Resp: 4075618

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.383 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

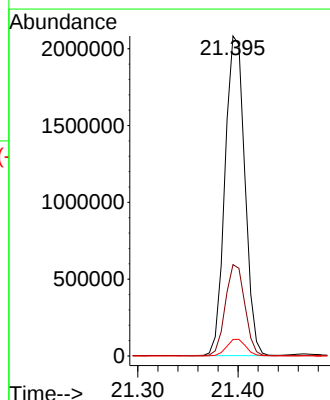
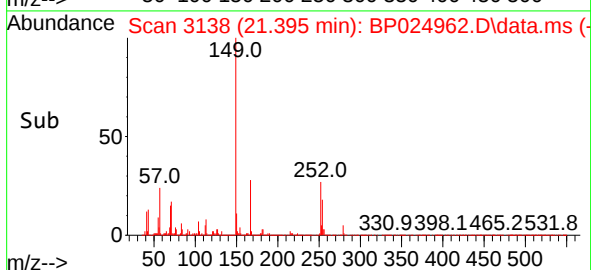
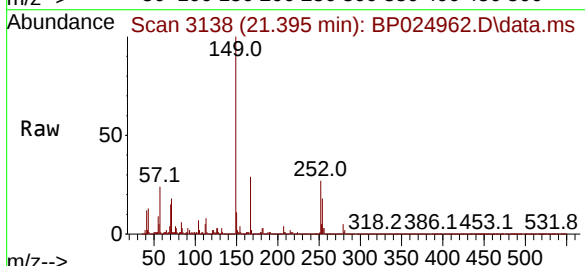
Tgt Ion:149 Resp: 2841528

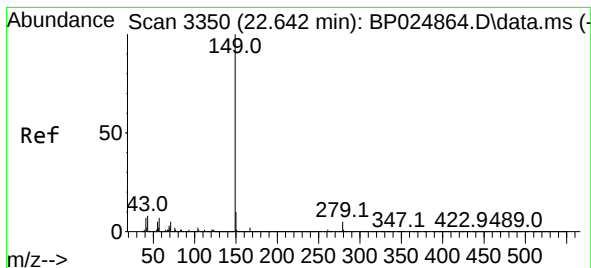
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 51.595 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

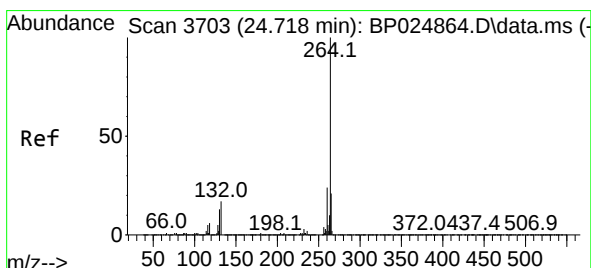
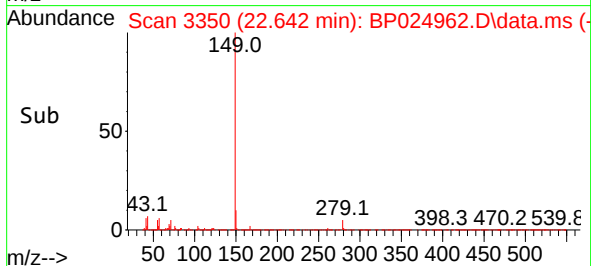
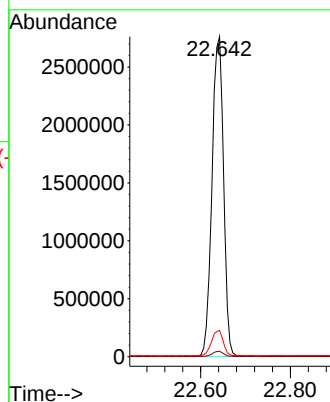
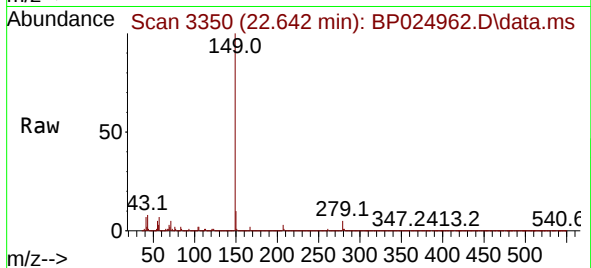
Tgt Ion:149 Resp: 4933079

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

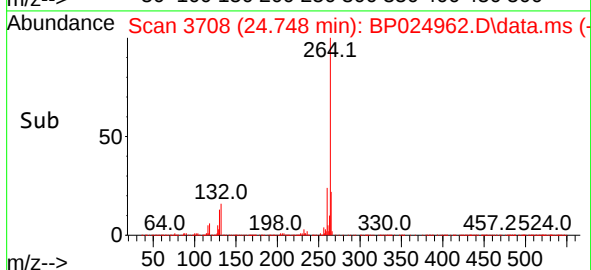
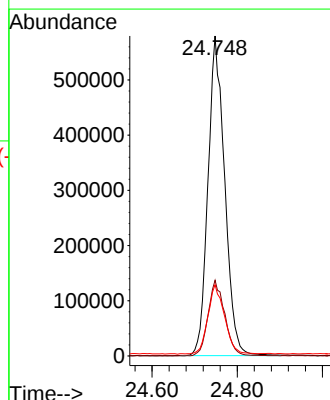
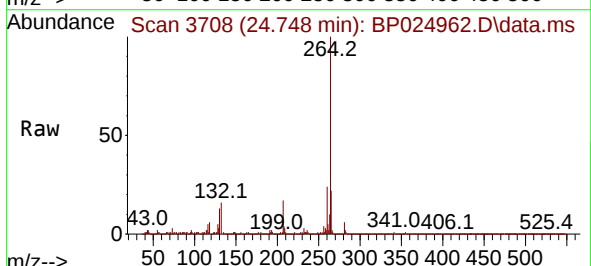
Tgt Ion:264 Resp: 1577759

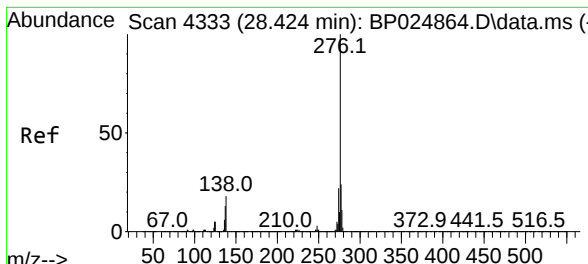
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.2 17.4 26.0



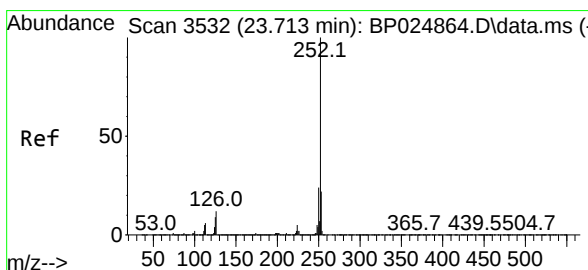
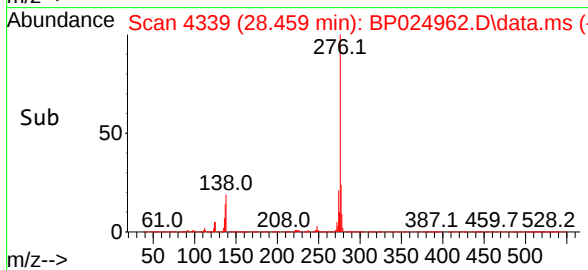
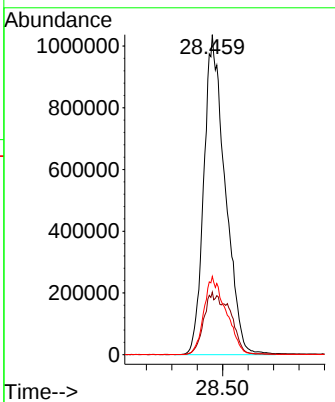
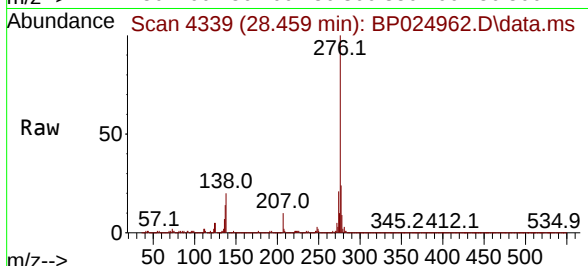


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.462 ng
 RT: 28.459 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Tgt Ion:276 Resp: 6039247

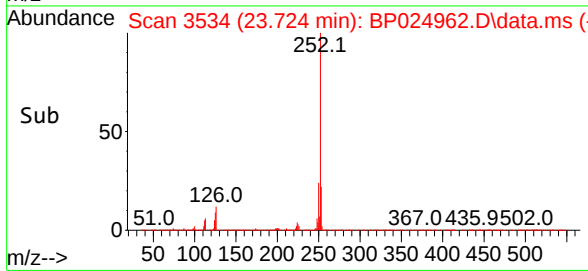
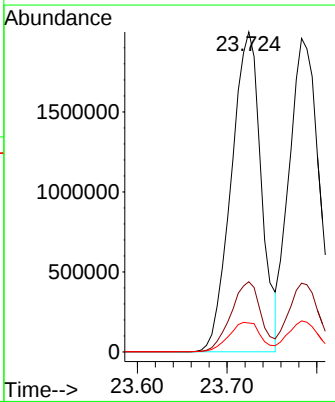
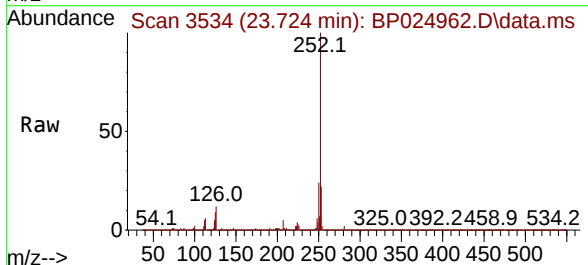
Ion	Ratio	Lower	Upper
276	100		
138	10.5	18.6	27.8#
277	25.3	20.2	30.4

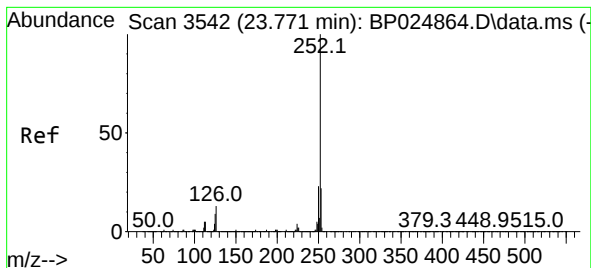


#88
 Benzo(b)fluoranthene
 Concen: 51.379 ng
 RT: 23.724 min Scan# 3534
 Delta R.T. 0.012 min
 Lab File: BP024962.D
 Acq: 16 Jun 2025 15:42

Tgt Ion:252 Resp: 4639275

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.1	7.1	10.7





#89

Benzo(k)fluoranthene

Concen: 49.213 ng

RT: 23.783 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

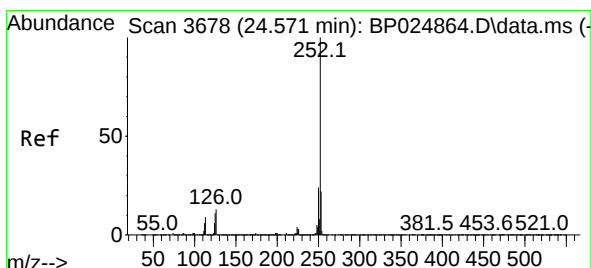
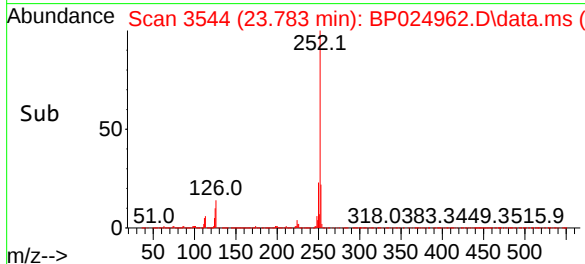
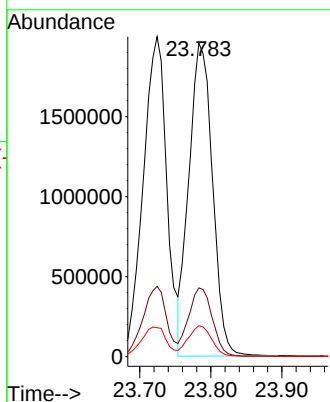
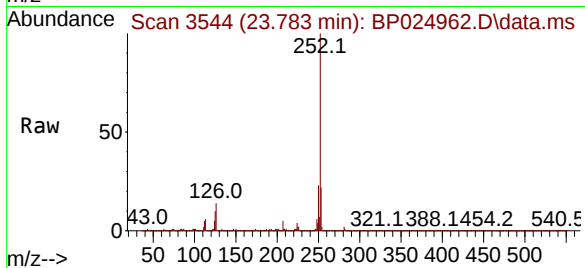
Tgt Ion:252 Resp: 4523278

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 51.382 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.023 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

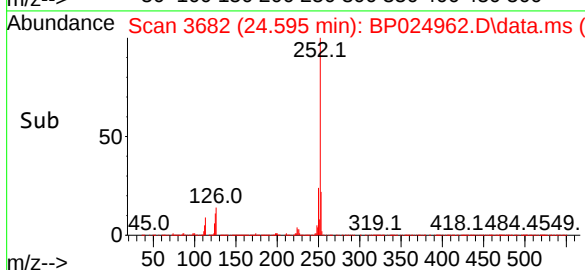
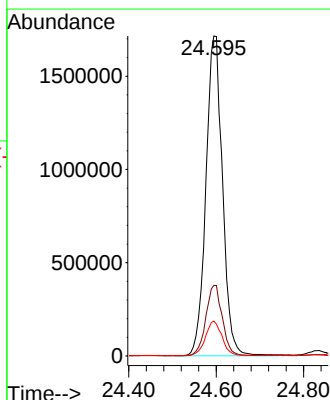
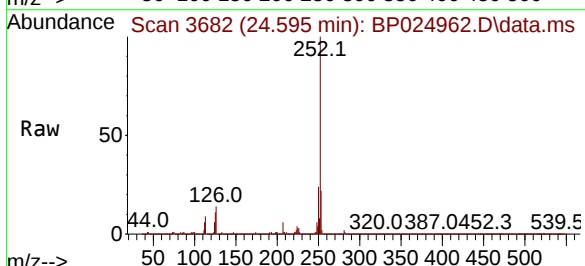
Tgt Ion:252 Resp: 4530936

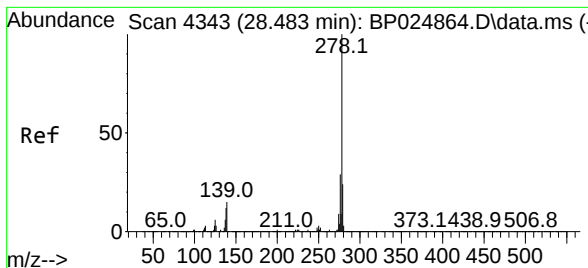
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 52.440 ng

RT: 28.524 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Instrument :

BNA_P

ClientSampleId :

TP-1MS

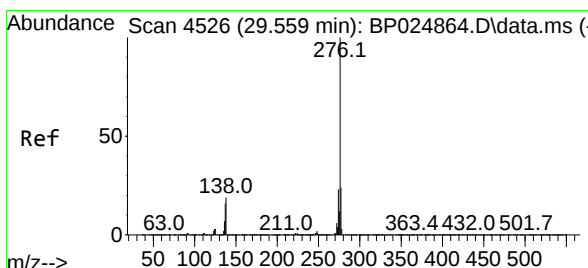
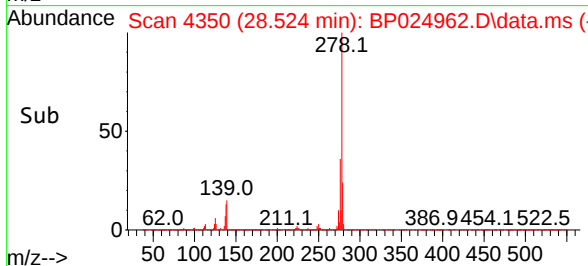
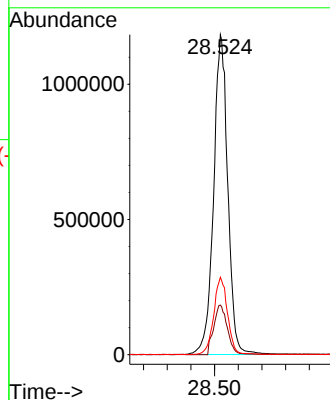
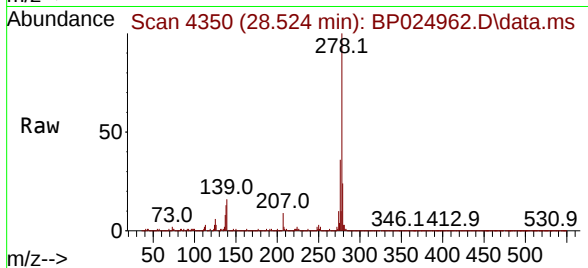
Tgt Ion:278 Resp: 4913761

Ion Ratio Lower Upper

278 100

139 15.5 12.0 18.0

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 29.351 ng

RT: 29.600 min Scan# 4533

Delta R.T. 0.041 min

Lab File: BP024962.D

Acq: 16 Jun 2025 15:42

Tgt Ion:276 Resp: 2728763

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 21.1 15.4 23.2

