

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
 Data File : BP024928.D
 Acq On : 12 Jun 2025 13:49
 Operator : RC/JU
 Sample : Q2280-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-4643MS

Quant Time: Jun 12 14:09:12 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	7.608	152	263455	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1026301	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	608313	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1171746	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1208640	20.000	ng	0.01
86) Perylene-d12	24.771	264	1478760	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1876301	118.879	ng	0.00
7) Phenol-d6	6.819	99	2404710	115.152	ng	0.00
23) Nitrobenzene-d5	8.760	82	1471655	69.680	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1070486	127.283	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3191971	70.687	ng	0.00
79) Terphenyl-d14	19.783	244	4794376	71.094	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	247674	35.663	ng	98
3) Pyridine	3.561	79	656852	39.329	ng	99
4) n-Nitrosodimethylamine	3.472	42	298743	43.752	ng	98
6) Aniline	6.949	93	875971	32.869	ng	100
8) 2-Chlorophenol	7.190	128	890911	49.792	ng	99
9) Benzaldehyde	6.766	77	418156	34.740	ng	98
10) Phenol	6.843	94	1050444	48.794	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	773407	45.677	ng	99
12) 1,3-Dichlorobenzene	7.496	146	908119	45.496	ng	99
13) 1,4-Dichlorobenzene	7.643	146	915817	45.473	ng	98
14) 1,2-Dichlorobenzene	7.955	146	881807	44.588	ng	98
15) Benzyl Alcohol	7.855	79	759405	47.383	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	926075	41.787	ng	98
17) 2-Methylphenol	8.066	107	714336	47.517	ng	99
18) Hexachloroethane	8.666	117	340047	44.846	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	590200	41.574	ng	99
20) 3+4-Methylphenols	8.396	107	962045	46.906	ng	96
22) Acetophenone	8.425	105	1229123	47.402	ng	98
24) Nitrobenzene	8.802	77	894739	47.686	ng	97
25) Isophorone	9.325	82	1649879	45.074	ng	99
26) 2-Nitrophenol	9.507	139	481745	52.037	ng	97
27) 2,4-Dimethylphenol	9.584	122	793738	50.097	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	1003708	45.969	ng	99
29) 2,4-Dichlorophenol	10.054	162	798069	52.496	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	828832	48.337	ng	99
31) Naphthalene	10.425	128	2503218	47.595	ng	100
32) Benzoic acid	9.784	122	596466	55.709	ng	99
33) 4-Chloroaniline	10.554	127	565354	25.657	ng	99
34) Hexachlorobutadiene	10.701	225	513587	49.696	ng	99
35) Caprolactam	11.360	113	264992	47.353	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	861221	49.114	ng	100
37) 2-Methylnaphthalene	12.048	142	1575365	47.221	ng	100
38) 1-Methylnaphthalene	12.272	142	1646585	46.165	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	887405	51.410	ng	100
41) Hexachlorocyclopentadiene	12.390	237	932019	88.526	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	625702	53.977	ng	99

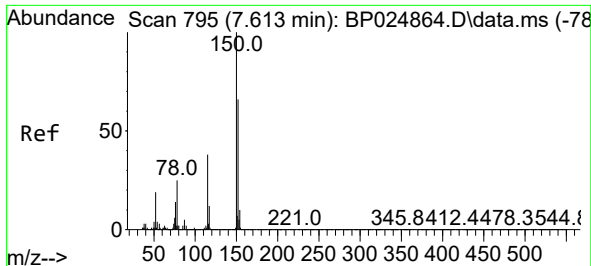
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 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	683568	55.063	ng	98
46) 1,1'-Biphenyl	13.072	154	2209903	49.989	ng	99
47) 2-Chloronaphthalene	13.113	162	1698387	49.986	ng	99
48) 2-Nitroaniline	13.343	65	528310	50.577	ng	96
49) Acenaphthylene	13.972	152	2848189	50.275	ng	100
50) Dimethylphthalate	13.719	163	2159772	48.130	ng	99
51) 2,6-Dinitrotoluene	13.842	165	484696	50.103	ng	99
52) Acenaphthene	14.319	154	1657297	51.051	ng	99
53) 3-Nitroaniline	14.184	138	391686	39.016	ng	99
54) 2,4-Dinitrophenol	14.407	184	635240	99.394	ng	93
55) Dibenzofuran	14.660	168	2631180	50.493	ng	99
56) 4-Nitrophenol	14.537	139	854056	99.103	ng	98
57) 2,4-Dinitrotoluene	14.648	165	687118	50.776	ng	96
58) Fluorene	15.319	166	2131181	50.627	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.901	232	586227	52.852	ng	97
60) Diethylphthalate	15.101	149	2162551	48.355	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1014091	49.269	ng	97
62) 4-Nitroaniline	15.366	138	479660	52.694	ng	93
63) Azobenzene	15.613	77	2080554	50.725	ng	99
65) 4,6-Dinitro-2-methylph...	15.431	198	398746	51.789	ng	95
66) n-Nitrosodiphenylamine	15.542	169	1806525	49.741	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	677044	51.209	ng	100
68) Hexachlorobenzene	16.348	284	813203	50.737	ng	99
69) Atrazine	16.525	200	657835	49.964	ng	99
70) Pentachlorophenol	16.713	266	1048341	126.379	ng	99
71) Phenanthrene	17.101	178	3616392	55.850	ng	99
72) Anthracene	17.195	178	3377467	51.502	ng	99
73) Carbazole	17.483	167	3120923	51.343	ng	99
74) Di-n-butylphthalate	18.060	149	3739567	49.654	ng	100
75) Fluoranthene	19.189	202	4629331	61.683	ng	99
77) Benzidine	19.395	184	1096267	29.286	ng	99
78) Pyrene	19.572	202	4631827	61.341	ng	100
80) Butylbenzylphthalate	20.519	149	1708620	49.400	ng	94
81) Benzo(a)anthracene	21.477	228	4155819	53.761	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1134681	36.973	ng	100
83) Chrysene	21.542	228	4017613	54.851	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2427269	48.981	ng	99
85) Di-n-octyl phthalate	22.648	149	4234901	48.484	ng	98
87) Indeno(1,2,3-cd)pyrene	28.483	276	5911553	54.791	ng	# 87
88) Benzo(b)fluoranthene	23.736	252	4974399	58.778	ng	100
89) Benzo(k)fluoranthene	23.807	252	4428209	51.404	ng	99
90) Benzo(a)pyrene	24.618	252	4541530	54.950	ng	99
91) Dibenzo(a,h)anthracene	28.536	278	4560987	51.934	ng	98
92) Benzo(g,h,i)perylene	29.636	276	4867753	55.863	ng	99

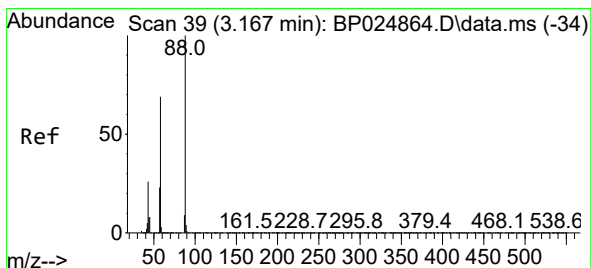
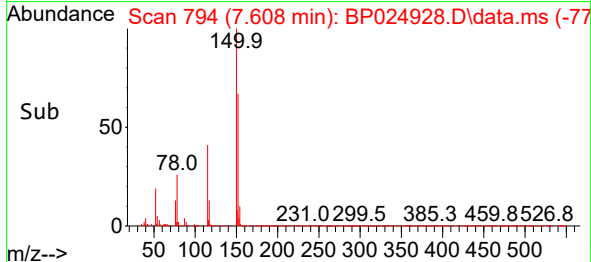
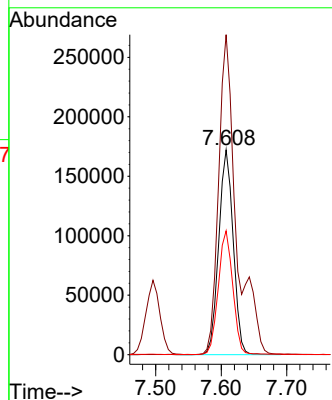
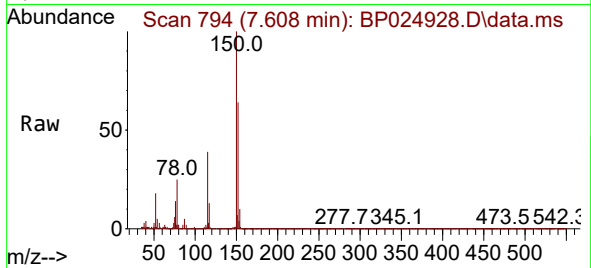
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.608 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: BP024928.D
 Acq: 12 Jun 2025 13:49

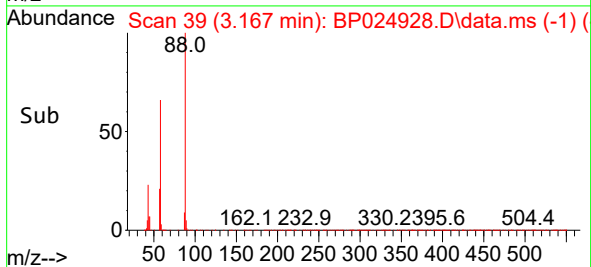
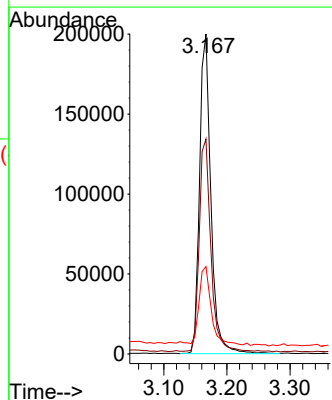
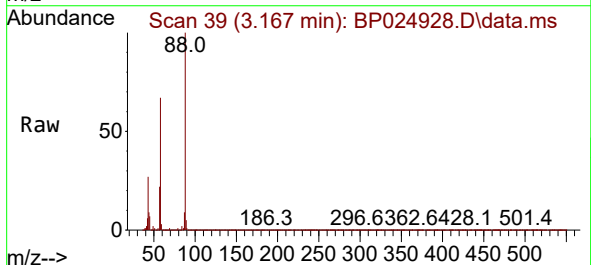
Instrument :
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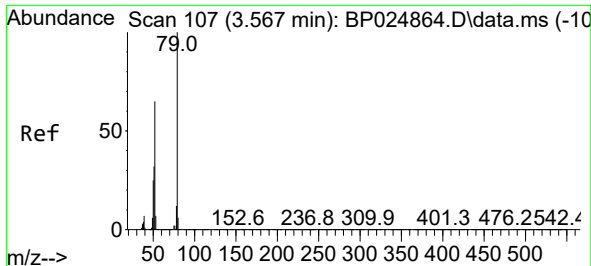
Tgt Ion:152 Resp: 263455
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.1 183.1
 115 60.5 46.4 69.6



#2
 1,4-Dioxane
 Concen: 35.663 ng
 RT: 3.167 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: BP024928.D
 Acq: 12 Jun 2025 13:49

Tgt Ion: 88 Resp: 247674
 Ion Ratio Lower Upper
 88 100
 58 67.5 55.4 83.0
 43 25.8 20.8 31.2

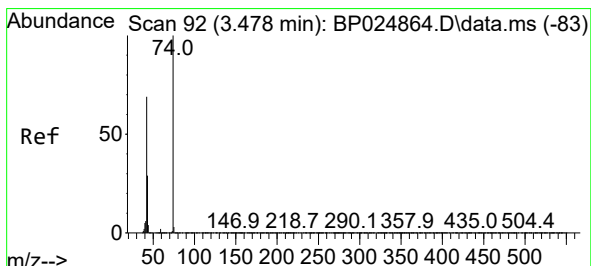
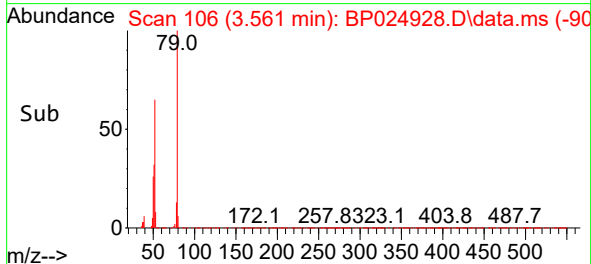
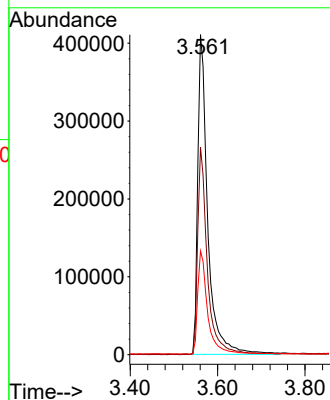
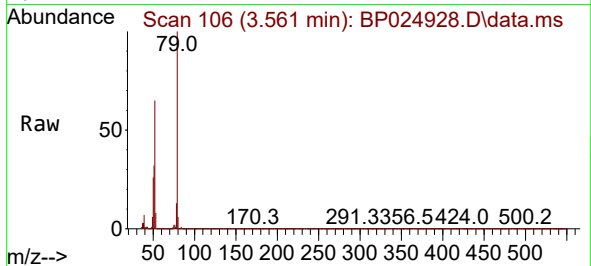




#3
Pyridine
Concen: 39.329 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

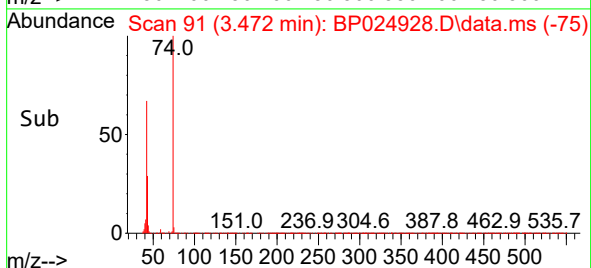
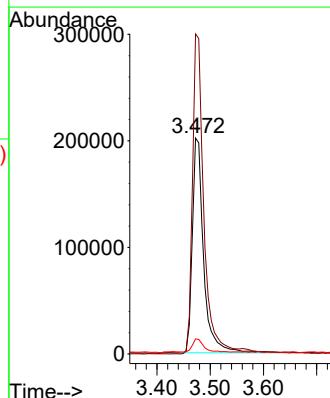
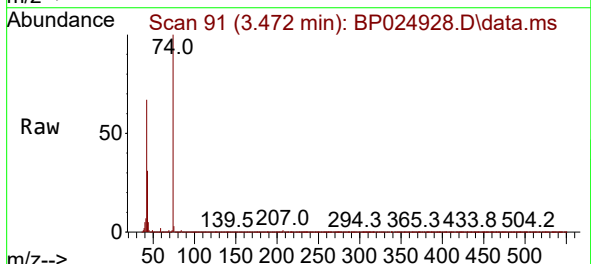
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

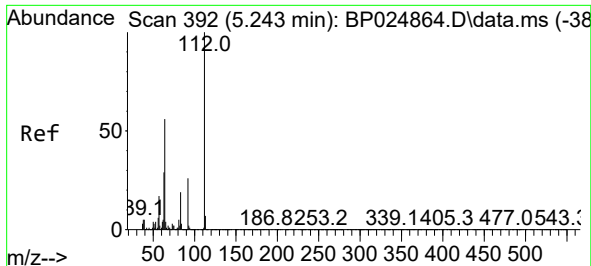
Tgt Ion: 79 Resp: 656852
Ion Ratio Lower Upper
79 100
52 64.8 51.6 77.4
51 32.4 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 43.752 ng
RT: 3.472 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 42 Resp: 298743
Ion Ratio Lower Upper
42 100
74 148.2 116.6 174.8
44 7.0 5.4 8.0

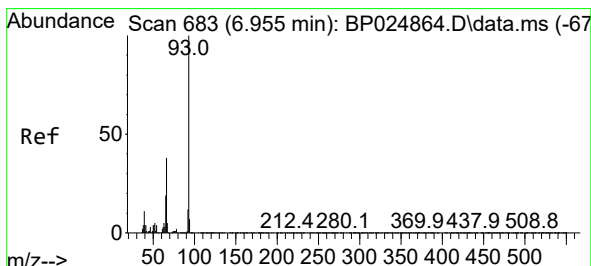
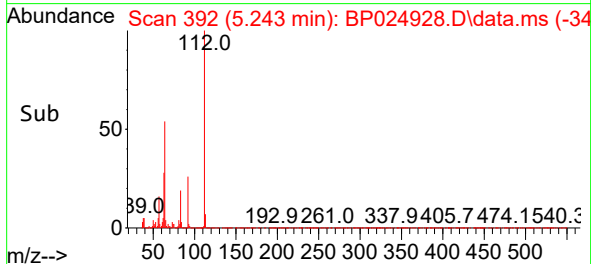
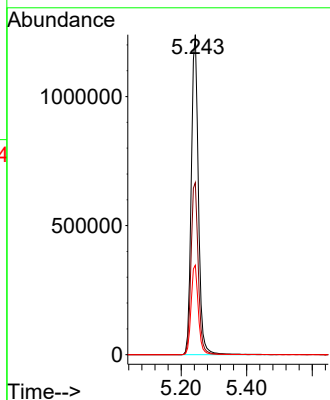
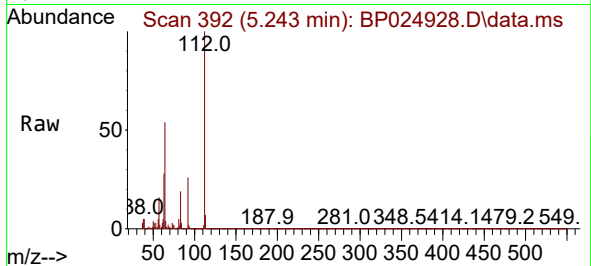




#5
2-Fluorophenol
Concen: 118.879 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

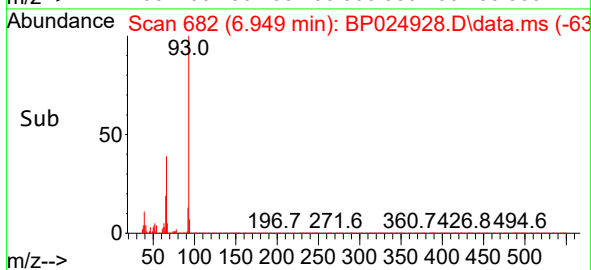
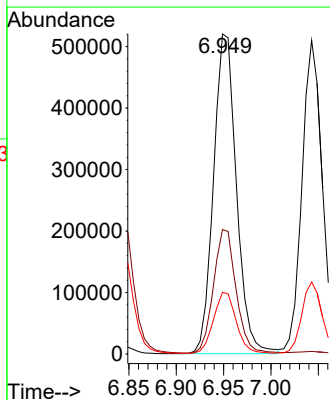
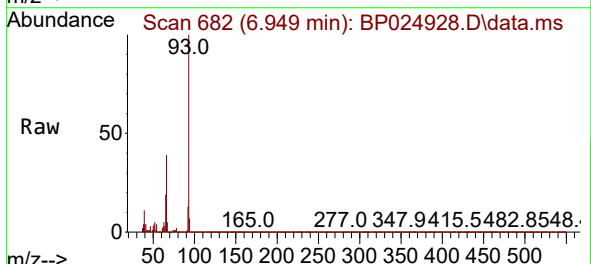
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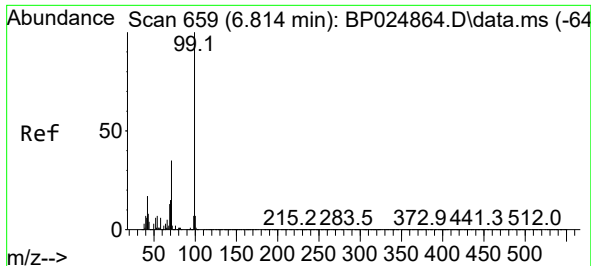
Tgt Ion:112 Resp: 1876301
Ion Ratio Lower Upper
112 100
64 53.7 44.7 67.1
63 28.0 23.5 35.3



#6
Aniline
Concen: 32.869 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 93 Resp: 875971
Ion Ratio Lower Upper
93 100
66 38.9 30.9 46.3
65 19.3 15.5 23.3

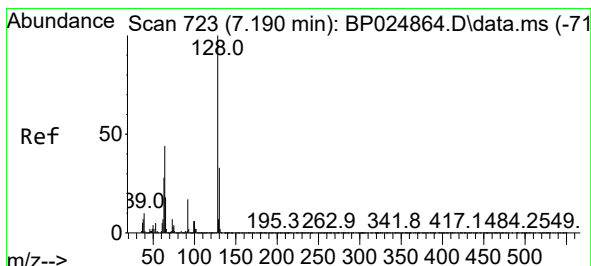
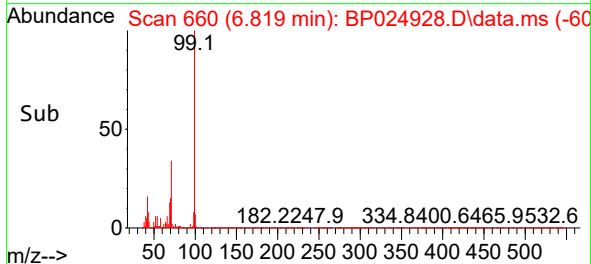
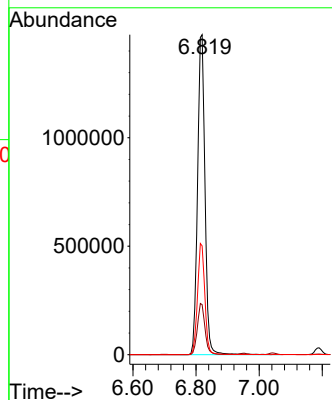
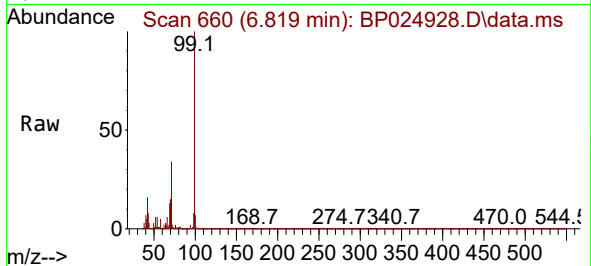




#7
Phenol-d6
Concen: 115.152 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

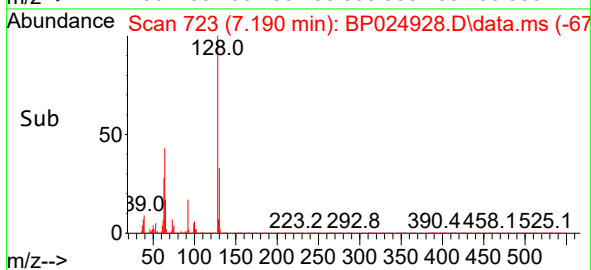
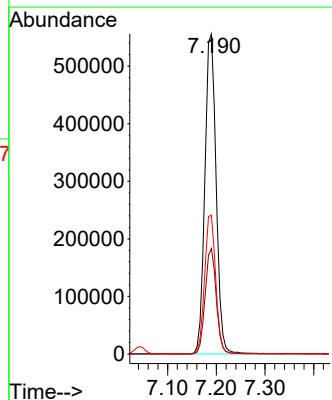
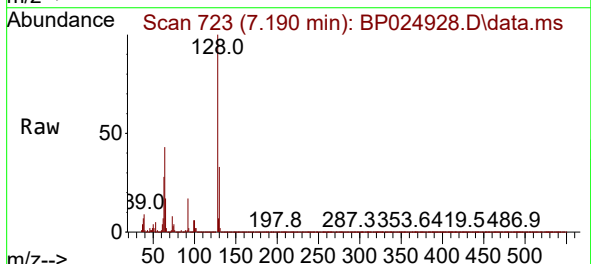
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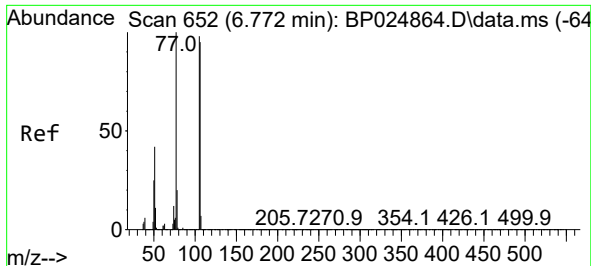
Tgt Ion: 99 Resp: 2404710
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 34.0 27.6 41.4



#8
2-Chlorophenol
Concen: 49.792 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 128 Resp: 890911
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 43.3 24.1 64.1

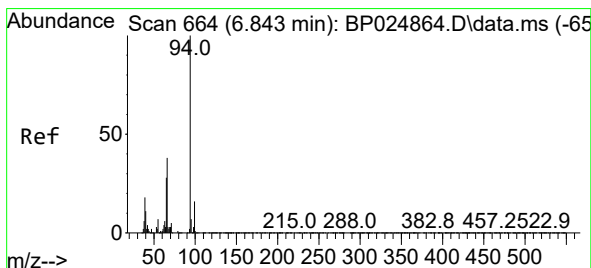
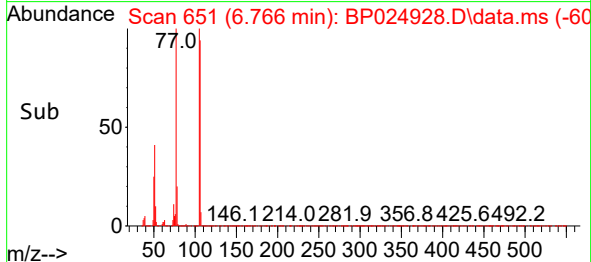
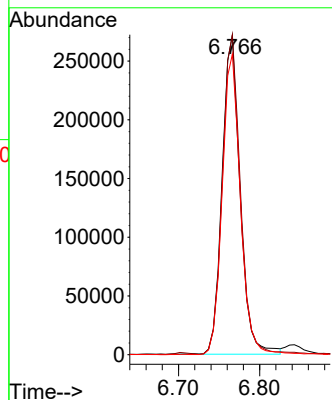
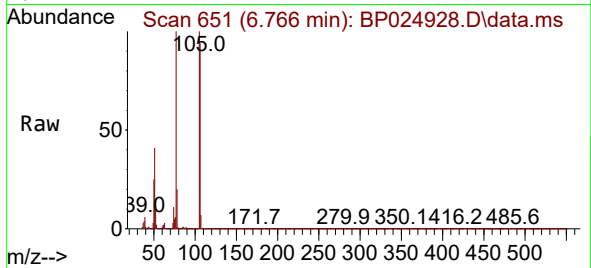




#9
Benzaldehyde
Concen: 34.740 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

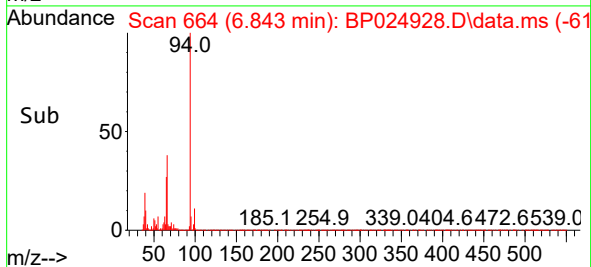
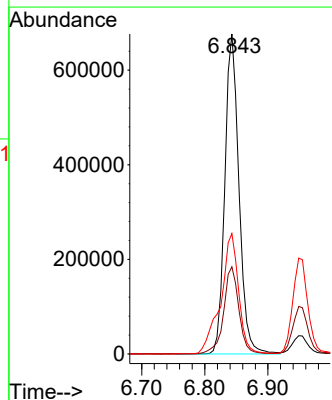
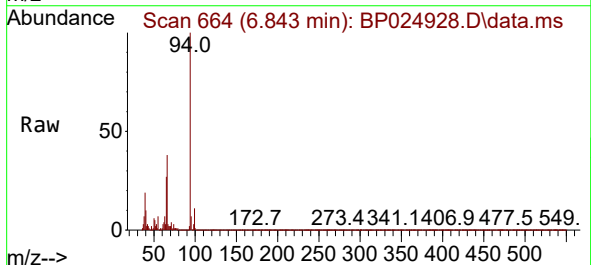
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BNA_P
ClientSampleId :
RT-4643MS

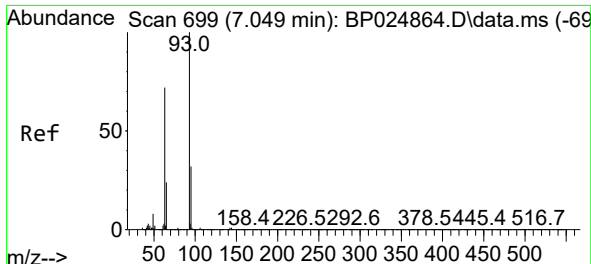
Tgt Ion: 77 Resp: 418156
Ion Ratio Lower Upper
77 100
105 100.3 77.7 117.7
106 94.2 74.8 114.8



#10
Phenol
Concen: 48.794 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 94 Resp: 1050444
Ion Ratio Lower Upper
94 100
65 27.3 8.3 48.3
66 37.7 18.2 58.2



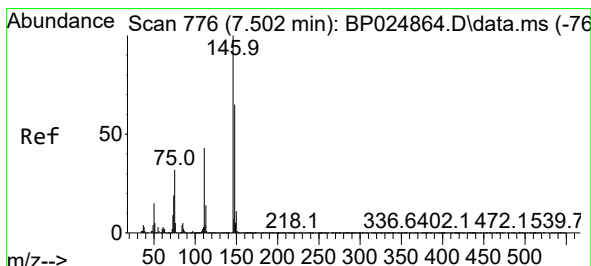
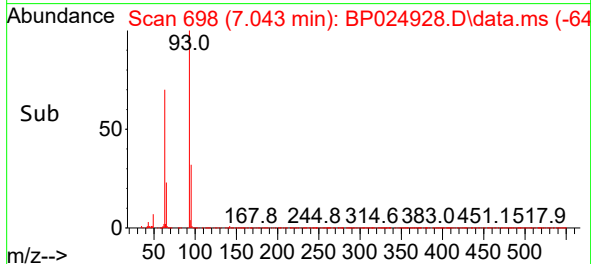
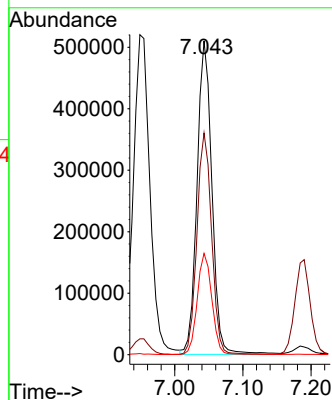
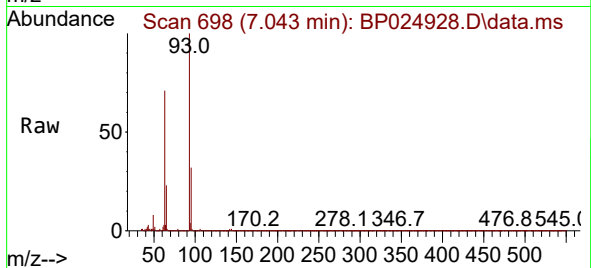


#11
 bis(2-Chloroethyl)ether
 Concen: 45.677 ng
 RT: 7.043 min Scan# 699
 Delta R.T. -0.006 min
 Lab File: BP024928.D
 Acq: 12 Jun 2025 13:49

Instrument :
 BNA_P
 ClientSampleId :
 RT-4643MS

Tgt Ion: 93 Resp: 773407

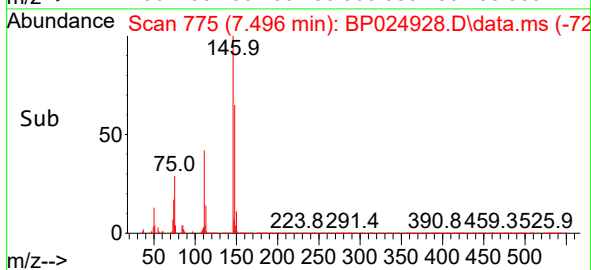
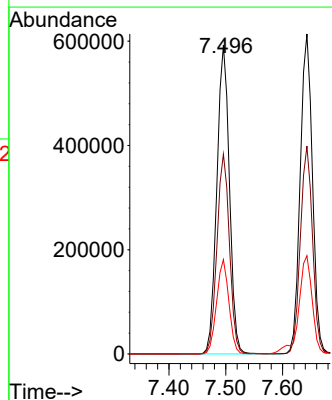
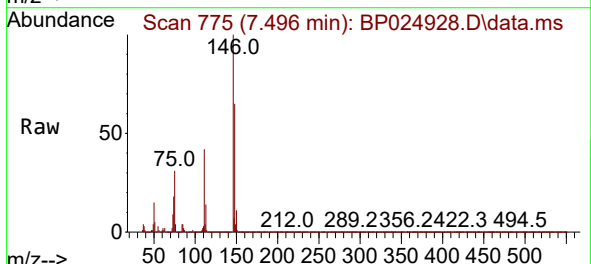
Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.6	91.6
95	32.3	12.1	52.1

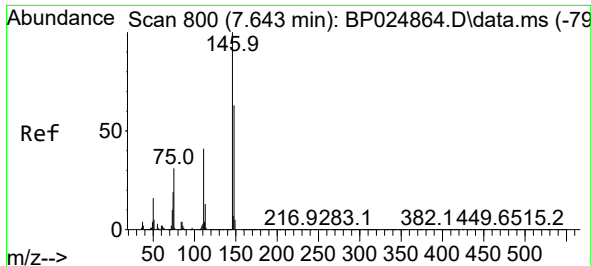


#12
 1,3-Dichlorobenzene
 Concen: 45.496 ng
 RT: 7.496 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: BP024928.D
 Acq: 12 Jun 2025 13:49

Tgt Ion: 146 Resp: 908119

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	30.5	25.3	37.9

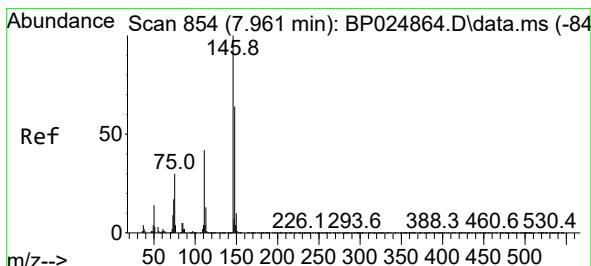
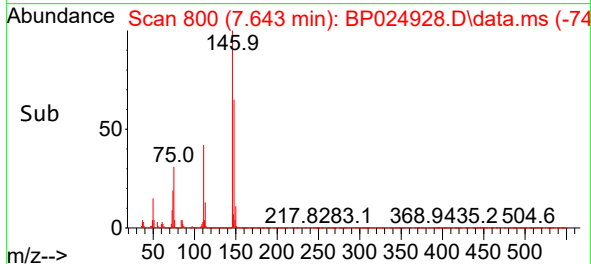
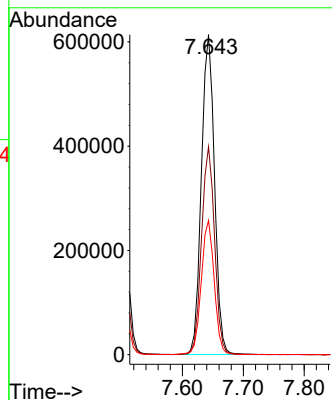
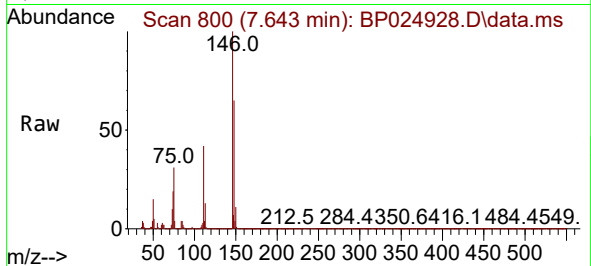




#13
1,4-Dichlorobenzene
Concen: 45.473 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

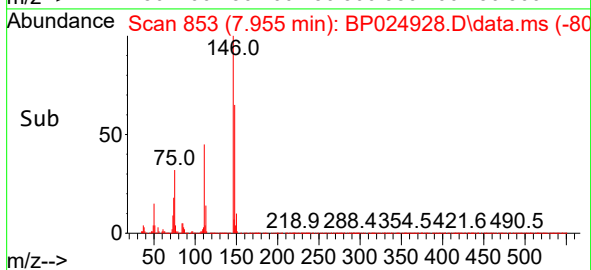
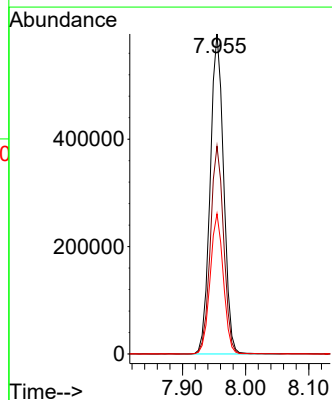
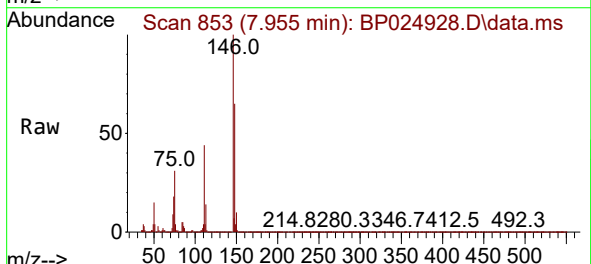
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

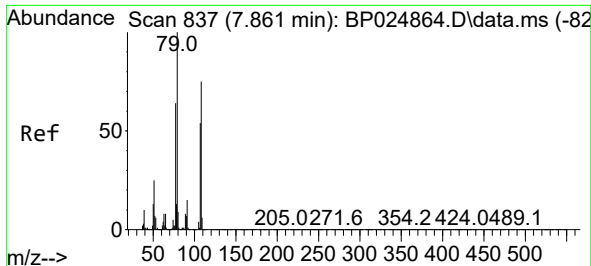
Tgt Ion:146 Resp: 915817
Ion Ratio Lower Upper
146 100
148 65.0 50.8 76.2
111 41.9 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 44.588 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:146 Resp: 881807
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
111 43.8 33.8 50.8

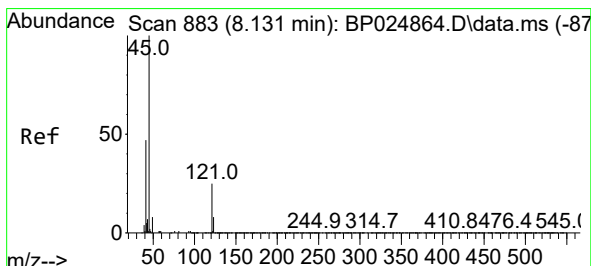
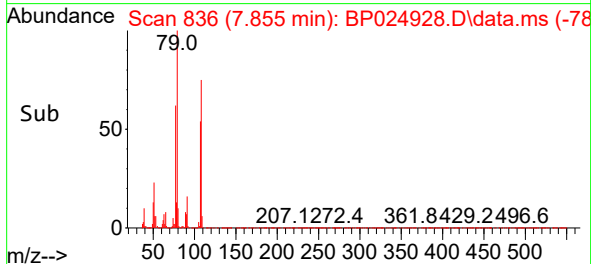
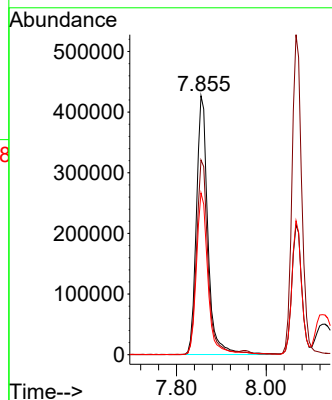
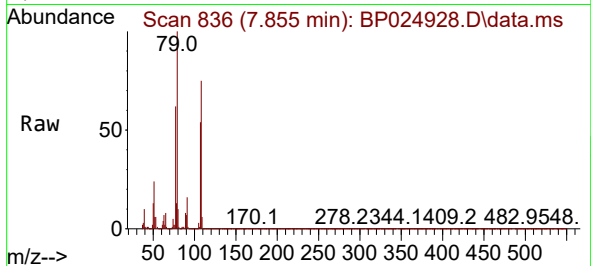




#15
Benzyl Alcohol
Concen: 47.383 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

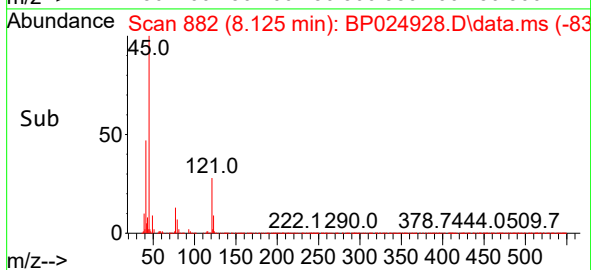
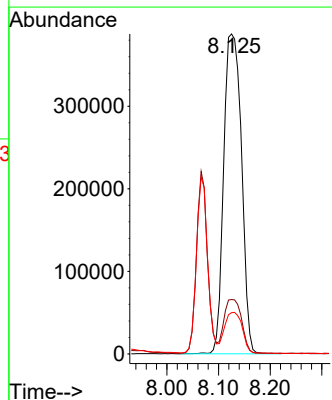
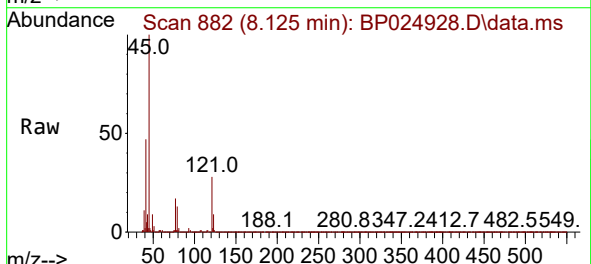
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

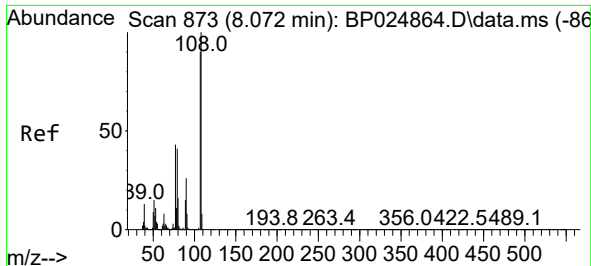
Tgt Ion: 79 Resp: 759405
Ion Ratio Lower Upper
79 100
108 75.2 60.2 90.4
77 62.5 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.787 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 45 Resp: 926075
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.3
79 12.9 0.0 32.2

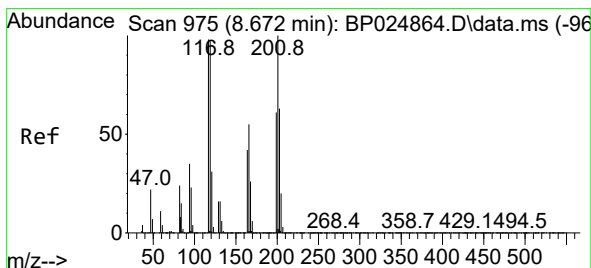
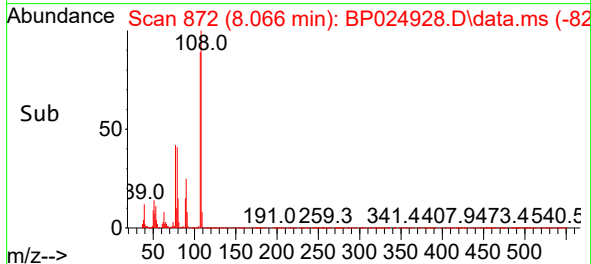
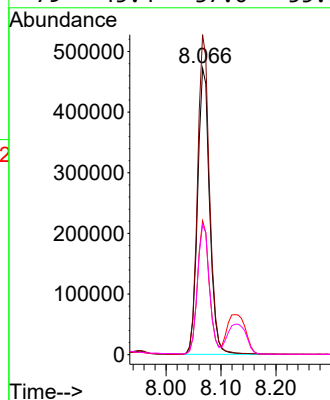
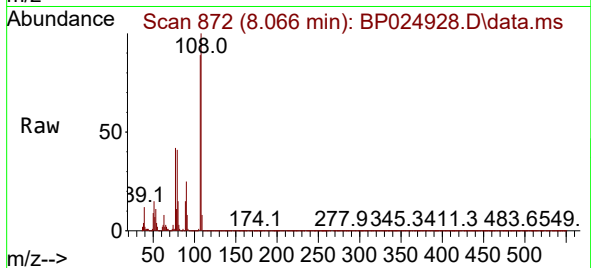




#17
2-Methylphenol
Concen: 47.517 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

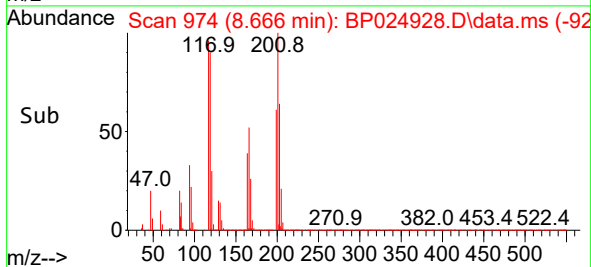
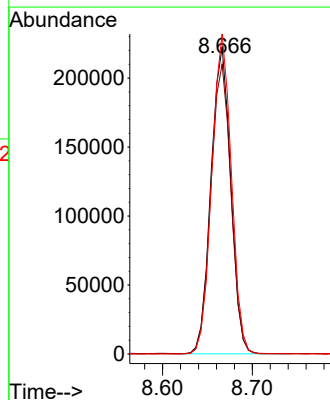
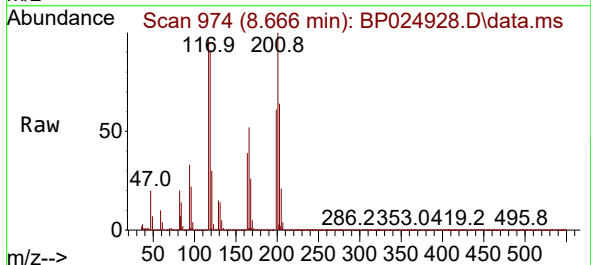
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

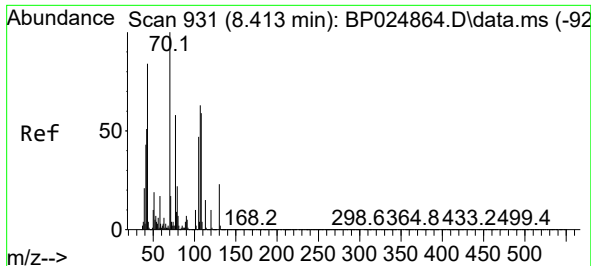
Tgt Ion:	107	Resp:	714336
Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.6	132.8
77	46.8	38.5	57.7
79	45.4	37.0	55.6



#18
Hexachloroethane
Concen: 44.846 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:	117	Resp:	340047
Ion	Ratio	Lower	Upper
117	100		
119	94.5	79.4	119.2
201	104.3	81.4	122.2



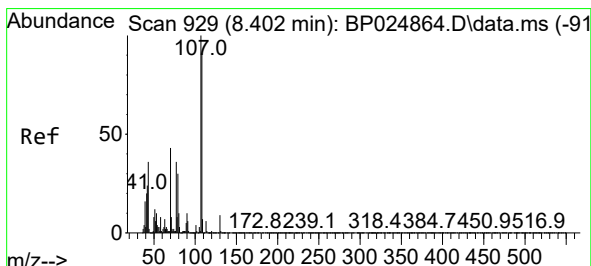
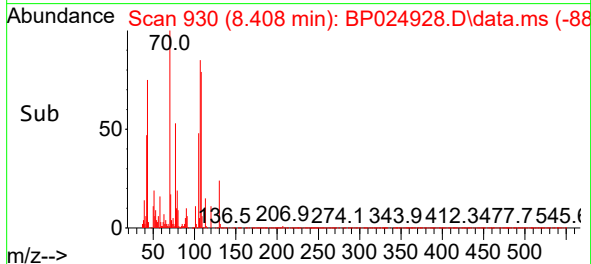
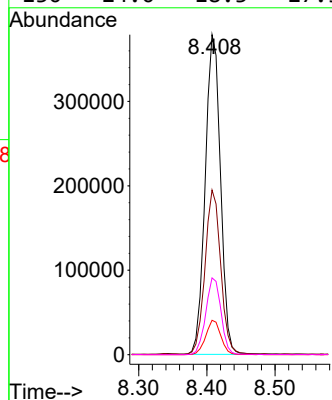
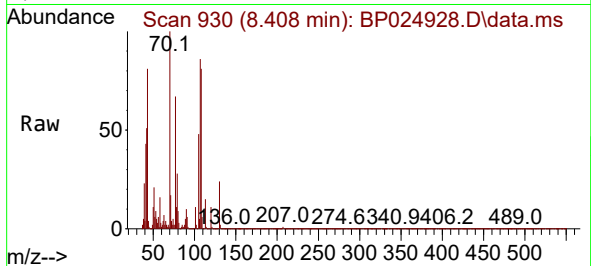


#19
n-Nitroso-di-n-propylamine
Concen: 41.574 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Instrument :
BNA_P
ClientSampleId :
RT-4643MS

Tgt Ion: 70 Resp: 590200

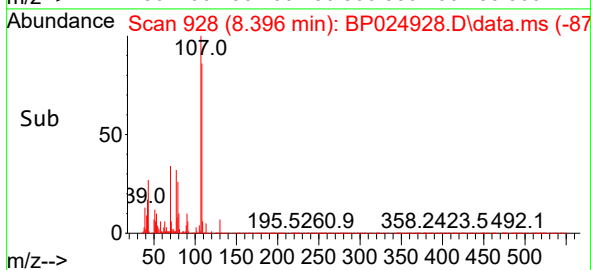
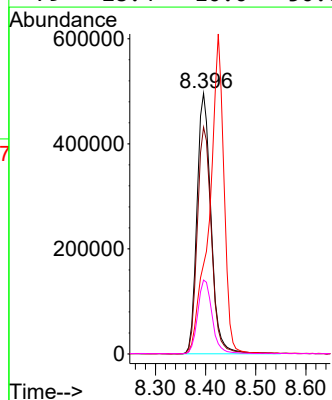
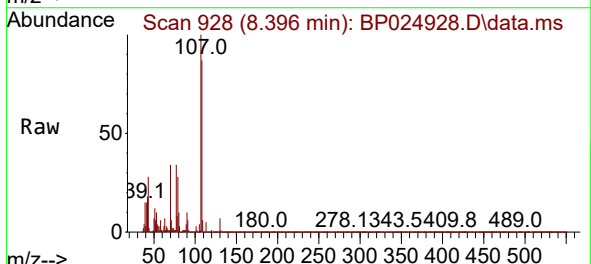
Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.2	61.8
101	10.7	8.3	12.5
130	24.0	18.3	27.5

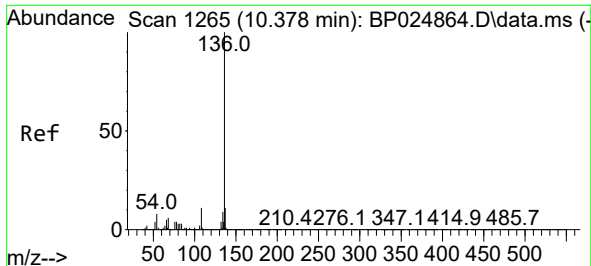


#20
3+4-Methylphenols
Concen: 46.906 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 107 Resp: 962045

Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.7	110.7
77	34.4	16.6	56.6
79	28.4	10.0	50.0



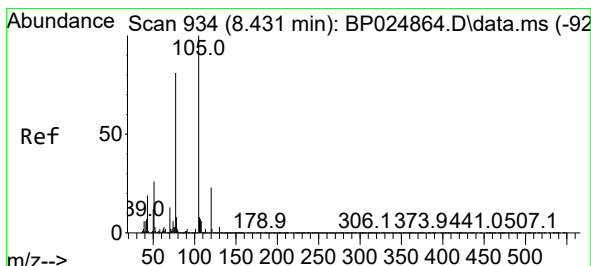
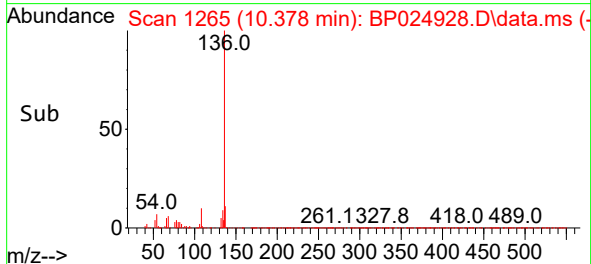
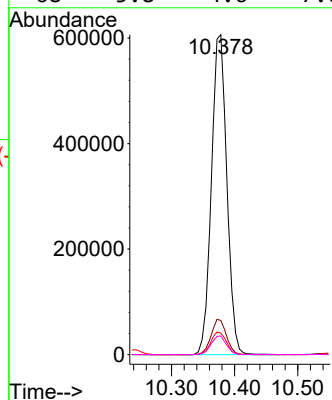
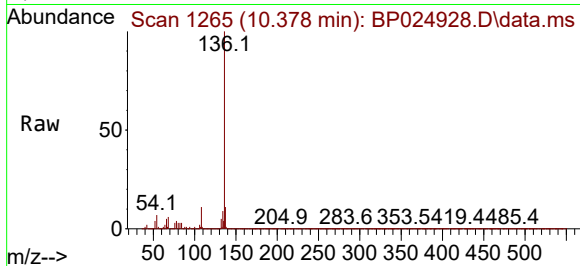


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Instrument :
BNA_P
ClientSampleId :
RT-4643MS

Tgt Ion:136 Resp: 1026301

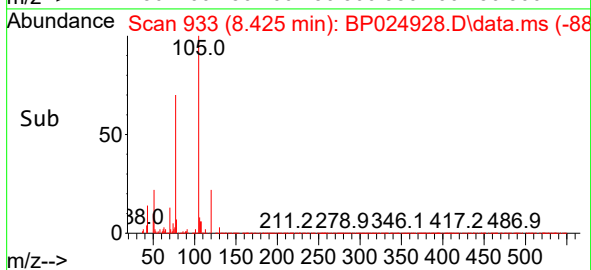
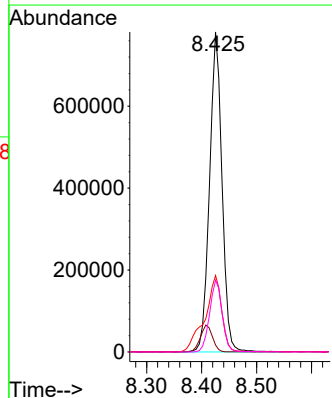
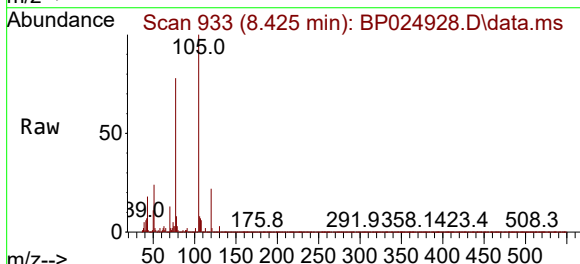
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.1	9.1
68	5.8	4.6	7.0

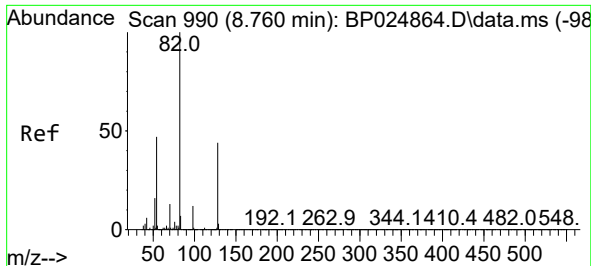


#22
Acetophenone
Concen: 47.402 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:105 Resp: 1229123

Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.6	2.4
51	23.9	20.6	31.0
120	22.4	18.2	27.4

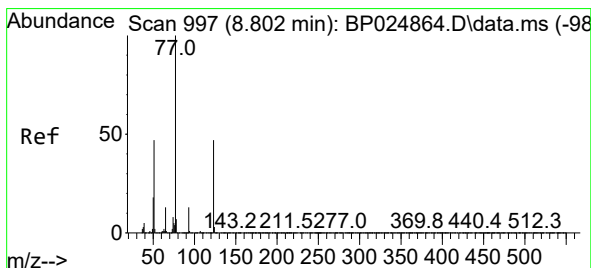
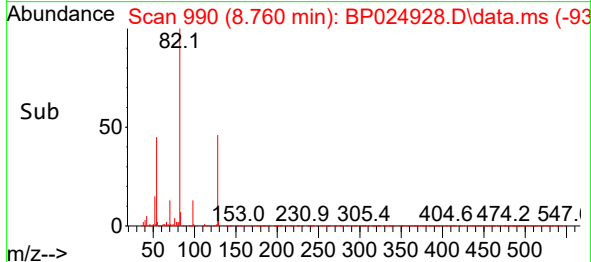
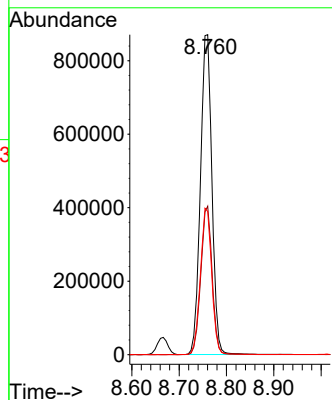
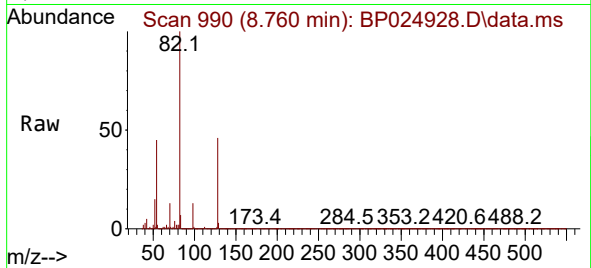




#23
Nitrobenzene-d5
Concen: 69.680 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

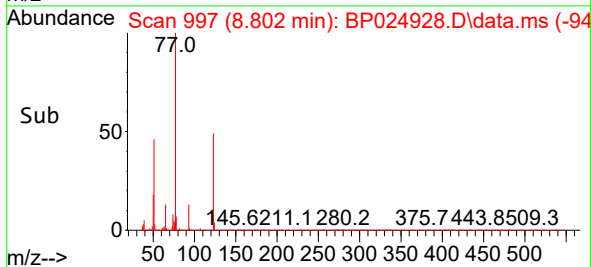
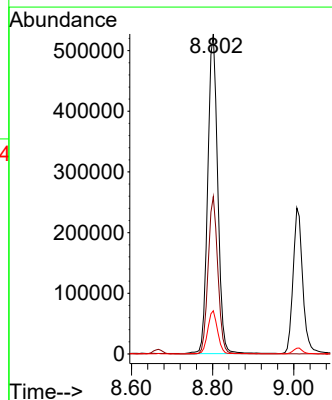
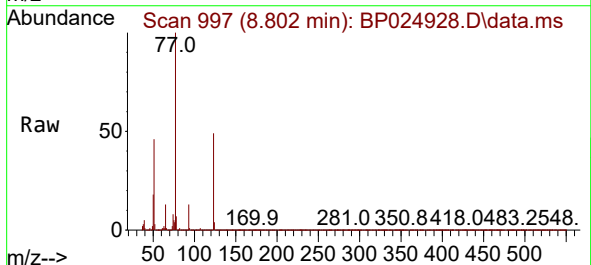
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

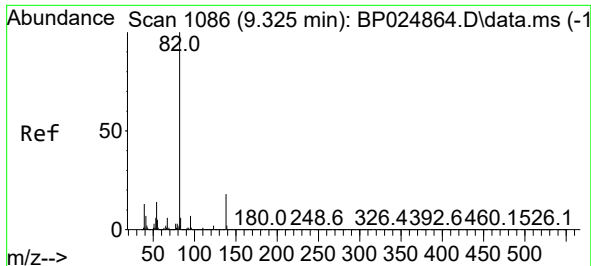
Tgt Ion: 82 Resp: 1471655
Ion Ratio Lower Upper
82 100
128 46.4 35.3 52.9
54 44.7 37.4 56.0



#24
Nitrobenzene
Concen: 47.686 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 77 Resp: 894739
Ion Ratio Lower Upper
77 100
123 49.2 37.3 55.9
65 13.5 10.8 16.2

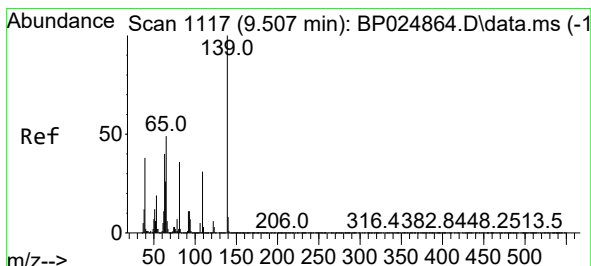
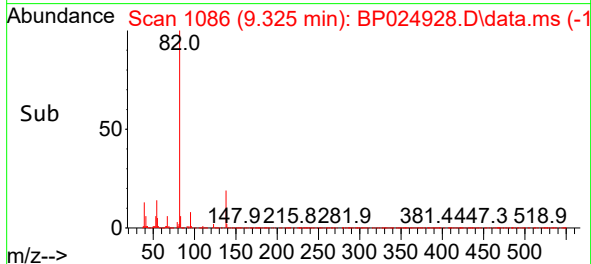
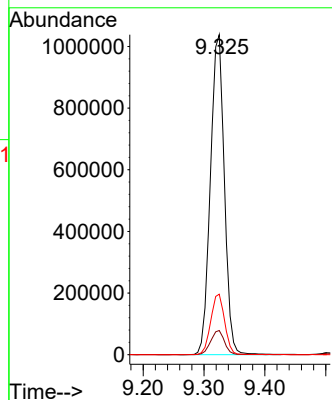
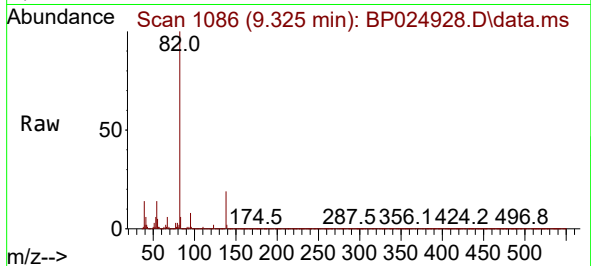




#25
Isophorone
Concen: 45.074 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

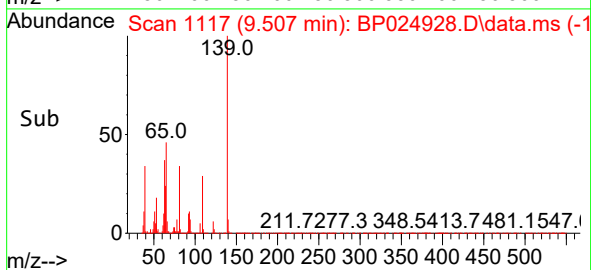
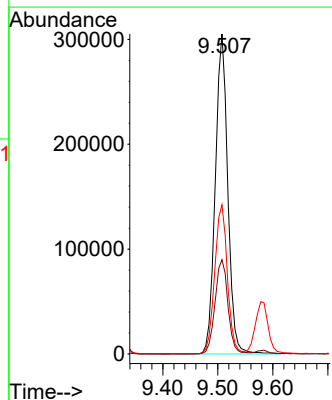
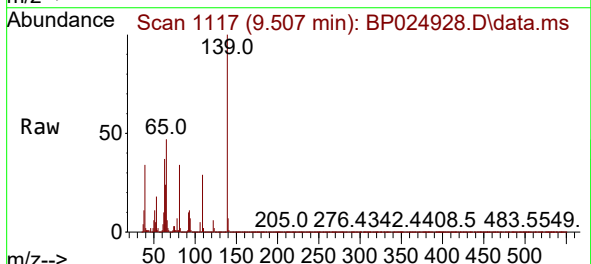
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

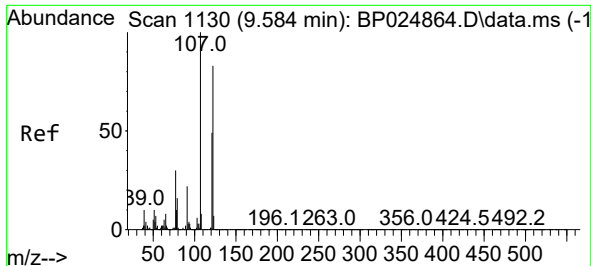
Tgt Ion: 82 Resp: 1649879
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.9 14.6 21.8



#26
2-Nitrophenol
Concen: 52.037 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 139 Resp: 481745
Ion Ratio Lower Upper
139 100
109 29.4 24.6 37.0
65 46.6 39.5 59.3

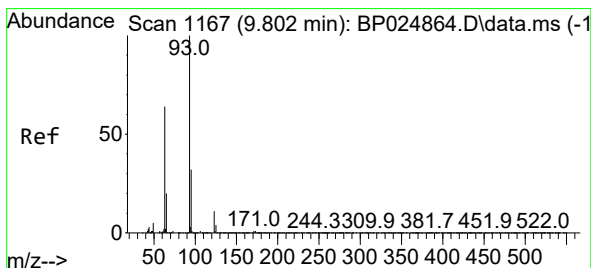
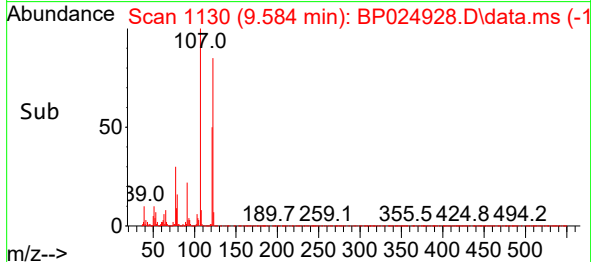
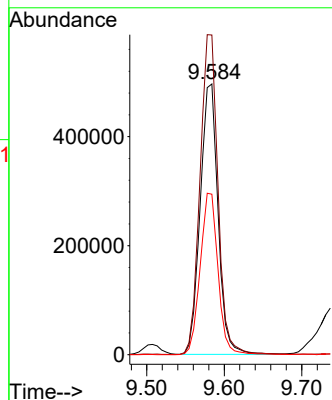
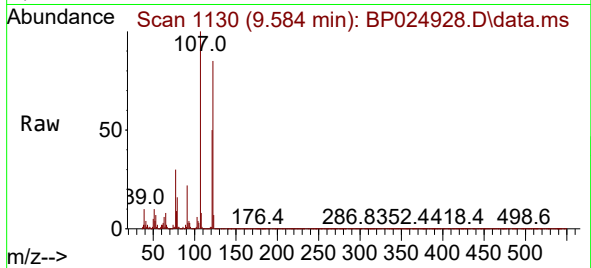




#27
2,4-Dimethylphenol
Concen: 50.097 ng
RT: 9.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

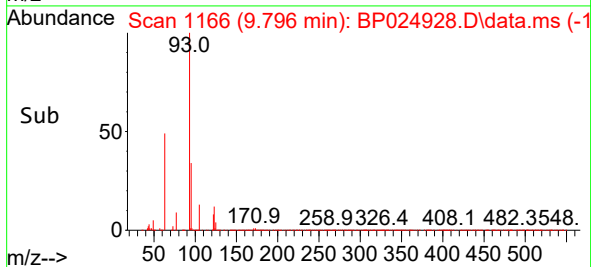
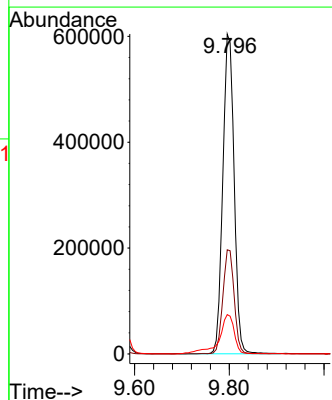
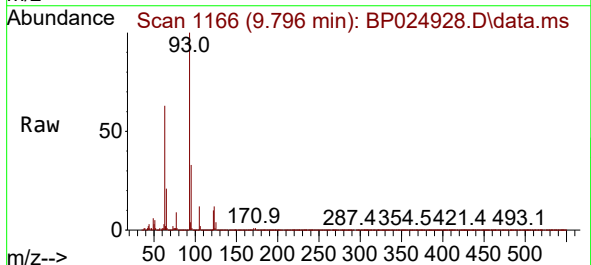
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

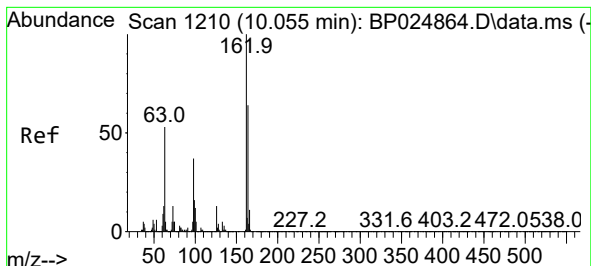
Tgt Ion:122 Resp: 793738
Ion Ratio Lower Upper
122 100
107 118.1 96.2 144.4
121 59.3 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.969 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 93 Resp: 1003708
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 12.3 9.2 13.8

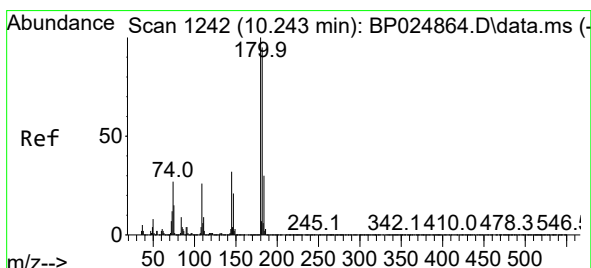
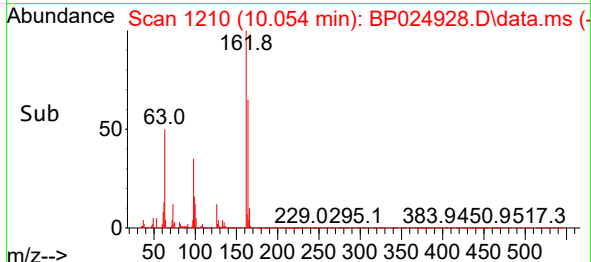
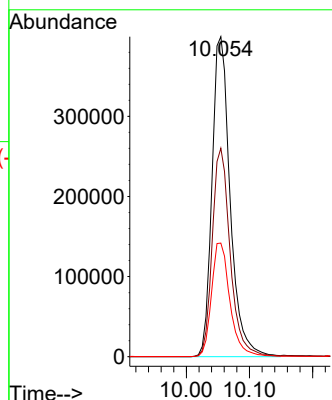
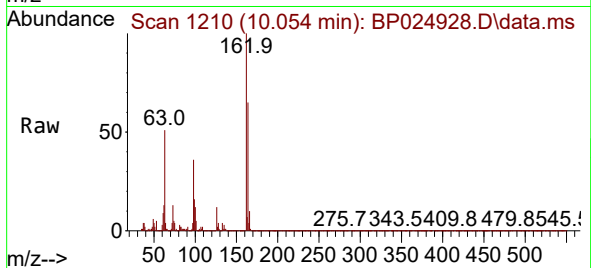




#29
2,4-Dichlorophenol
Concen: 52.496 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

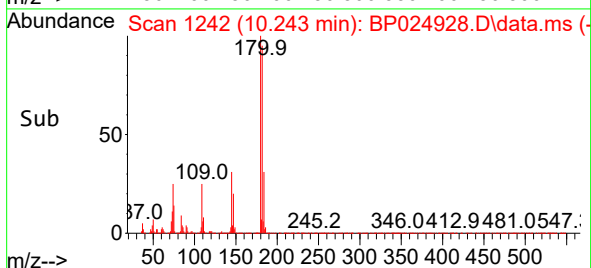
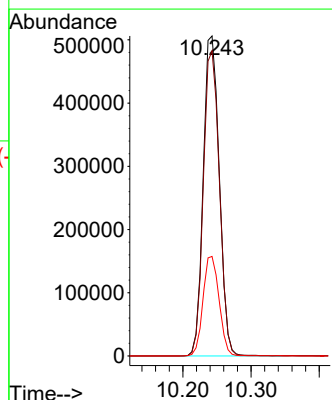
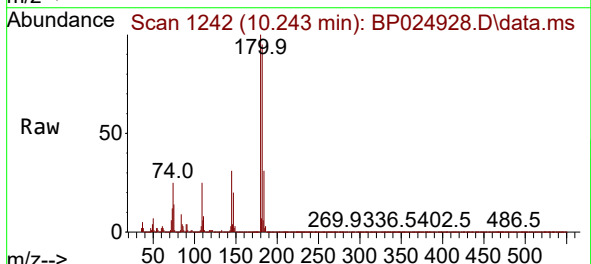
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

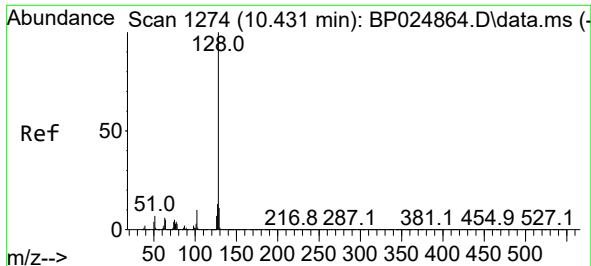
Tgt Ion:162 Resp: 798069
Ion Ratio Lower Upper
162 100
164 65.2 44.0 84.0
98 35.5 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 48.337 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:180 Resp: 828832
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.6
145 31.1 25.7 38.5

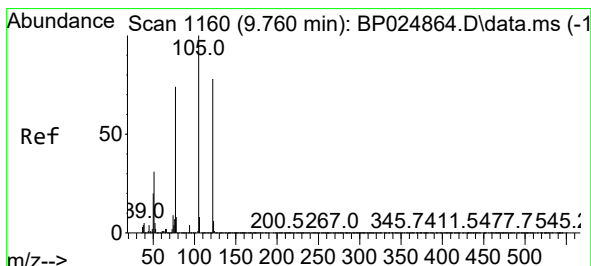
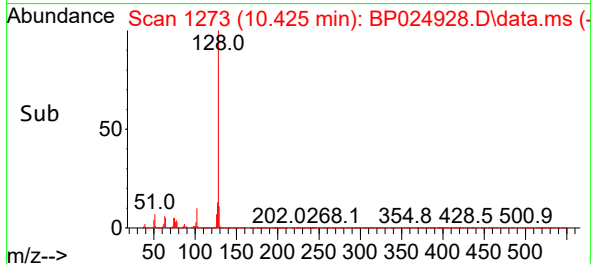
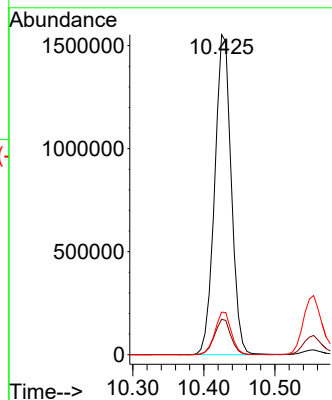
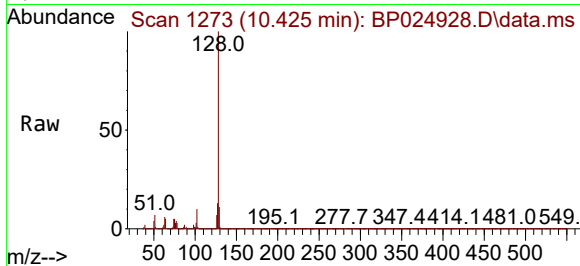




#31
Naphthalene
Concen: 47.595 ng
RT: 10.425 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

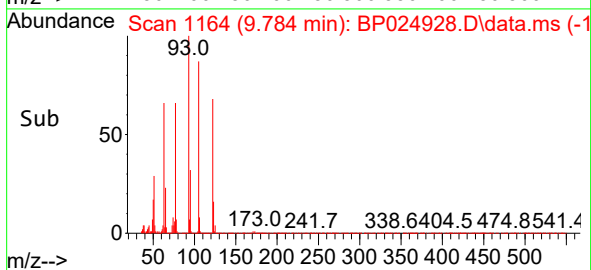
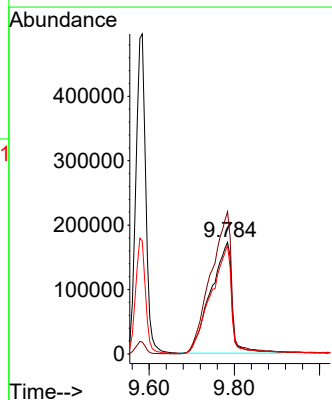
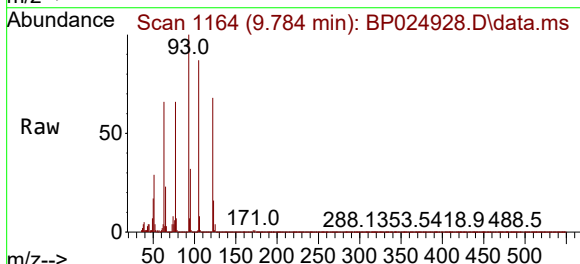
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

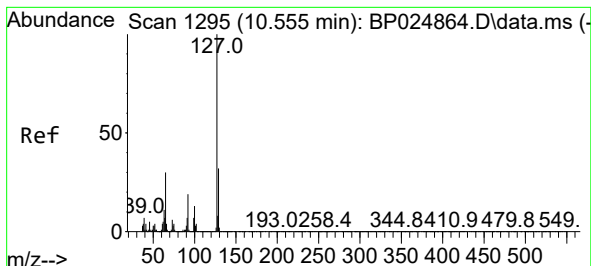
Tgt Ion:128 Resp: 2503218
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 55.709 ng
RT: 9.784 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:122 Resp: 596466
Ion Ratio Lower Upper
122 100
105 127.3 107.1 147.1
77 97.3 75.1 115.1





#33

4-Chloroaniline

Concen: 25.657 ng

RT: 10.554 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

Tgt Ion:127 Resp: 565354

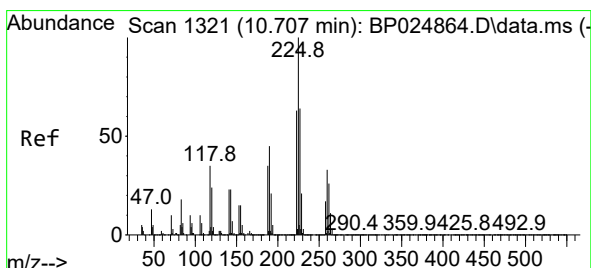
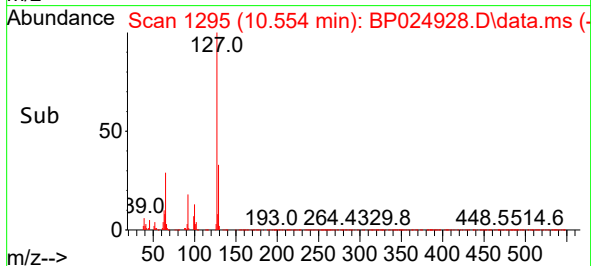
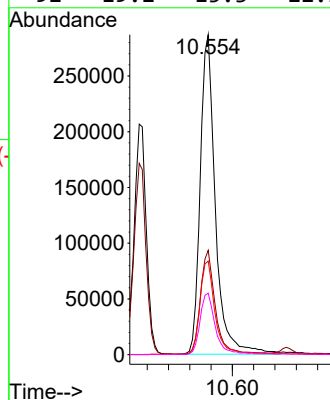
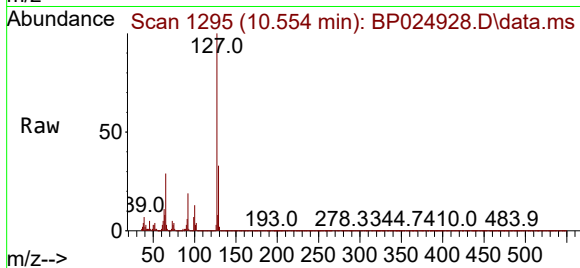
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 29.2 23.9 35.9

92 19.2 15.3 22.9



#34

Hexachlorobutadiene

Concen: 49.696 ng

RT: 10.701 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

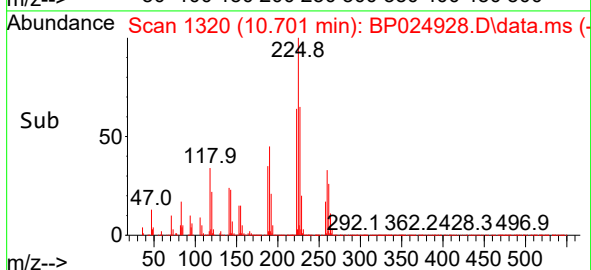
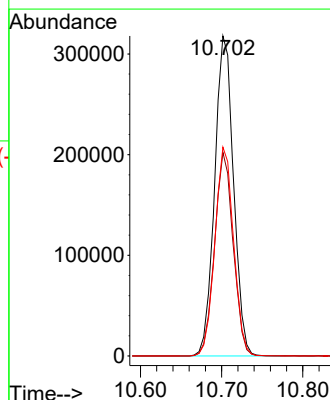
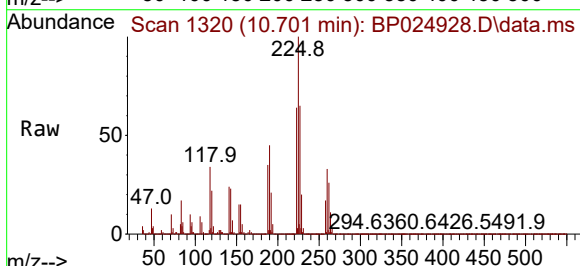
Tgt Ion:225 Resp: 513587

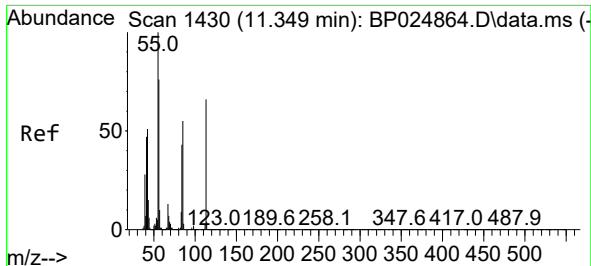
Ion Ratio Lower Upper

225 100

223 63.6 50.5 75.7

227 65.2 51.4 77.2

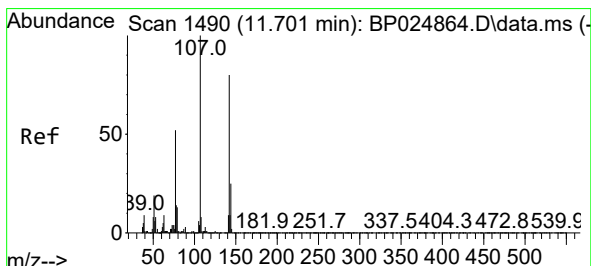
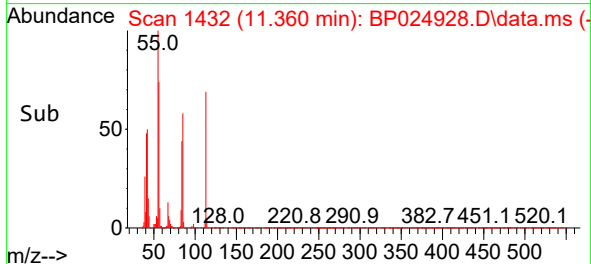
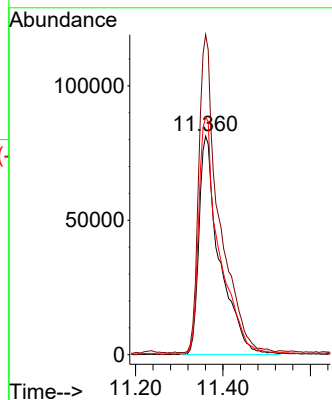
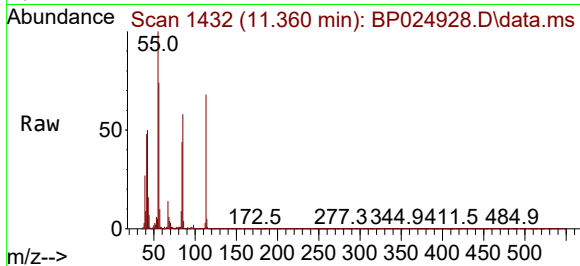




#35
Caprolactam
Concen: 47.353 ng
RT: 11.360 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

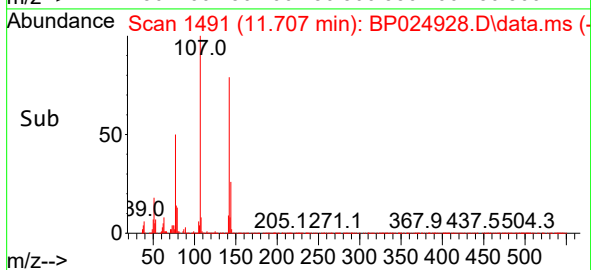
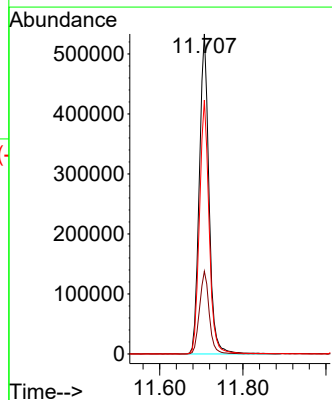
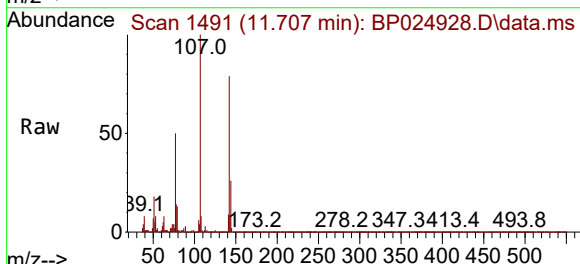
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

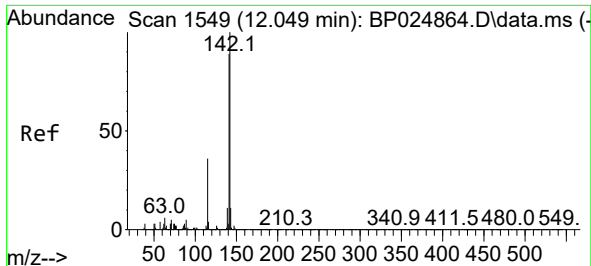
Tgt Ion:113 Resp: 264992
Ion Ratio Lower Upper
113 100
55 146.4 132.5 172.5
56 108.8 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 49.114 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:107 Resp: 861221
Ion Ratio Lower Upper
107 100
144 25.8 20.4 30.6
142 79.4 63.8 95.6

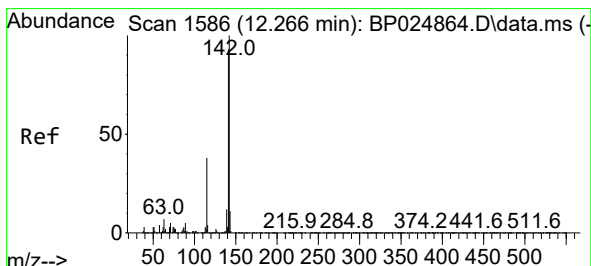
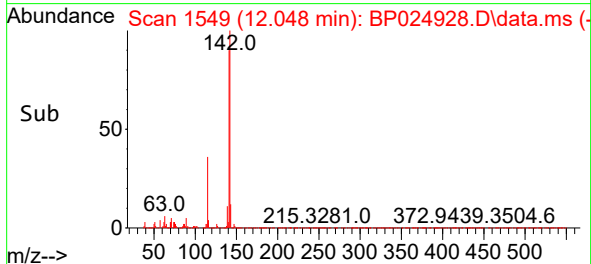
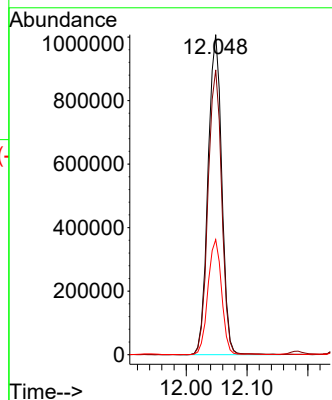
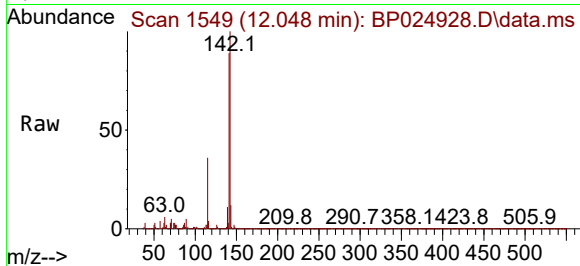




#37
2-Methylnaphthalene
Concen: 47.221 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

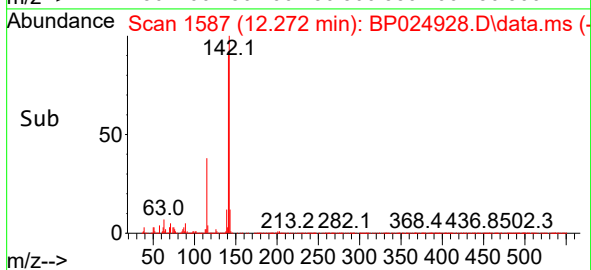
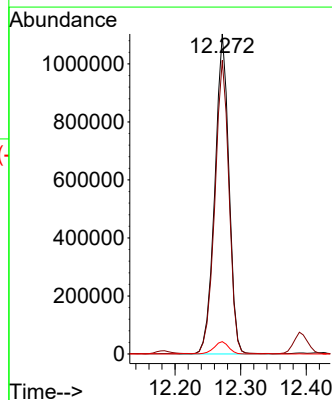
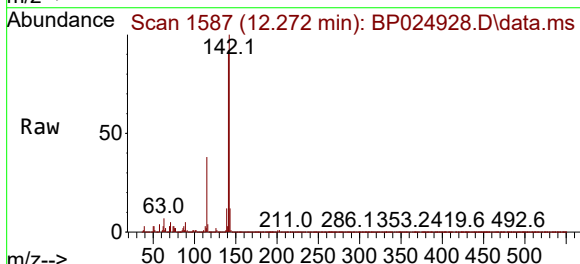
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

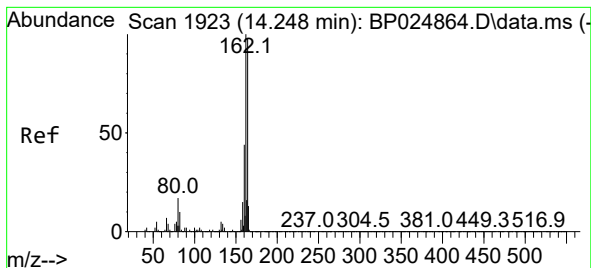
Tgt Ion:142 Resp: 1575365
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 35.9 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.165 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:142 Resp: 1646585
Ion Ratio Lower Upper
142 100
141 91.8 74.7 112.1
116 3.9 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: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

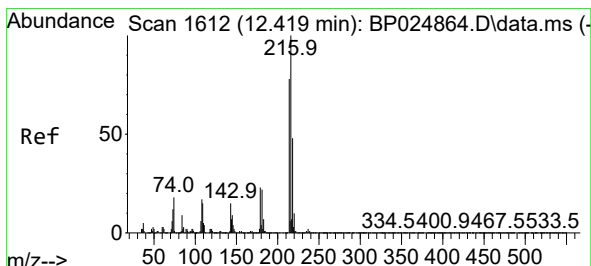
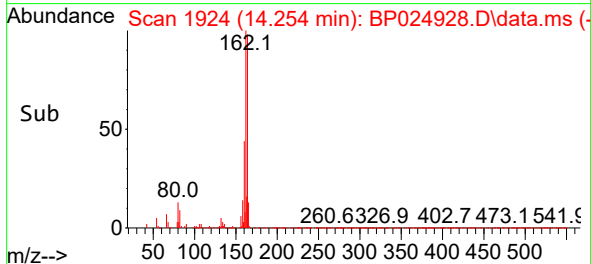
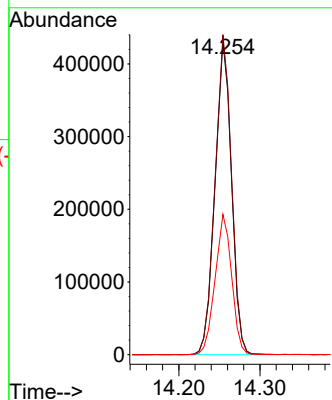
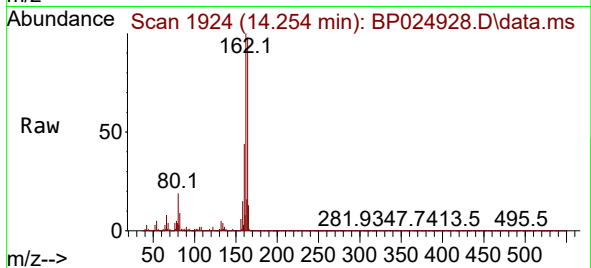
Tgt Ion:164 Resp: 608313

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 44.8 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.410 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Tgt Ion:216 Resp: 887405

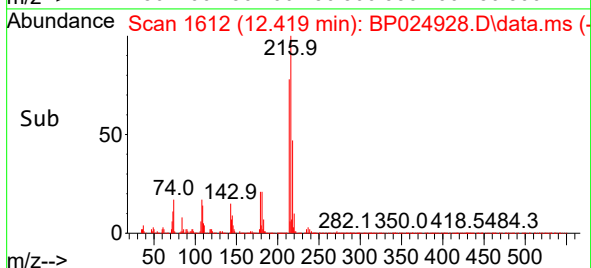
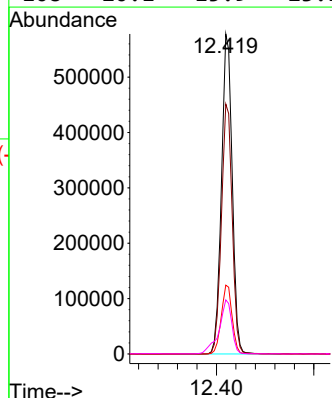
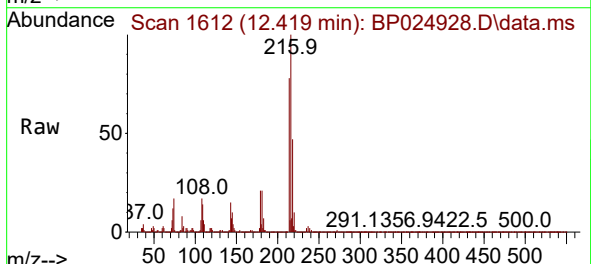
Ion Ratio Lower Upper

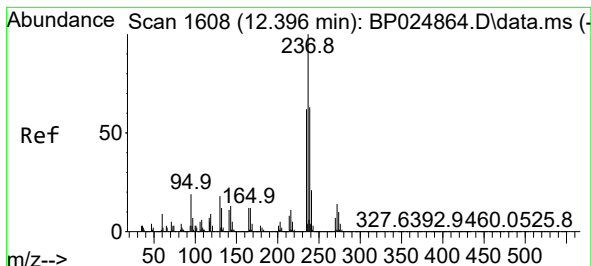
216 100

214 78.6 63.0 94.4

179 21.8 17.8 26.6

108 20.1 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 88.526 ng

RT: 12.390 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

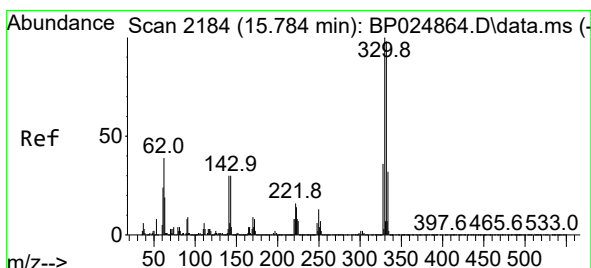
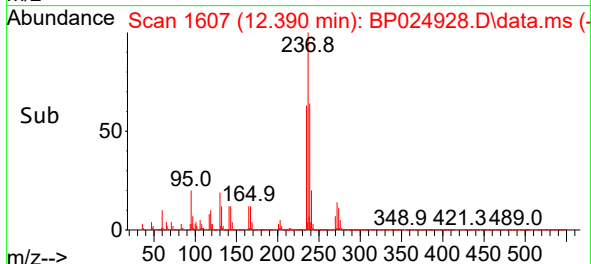
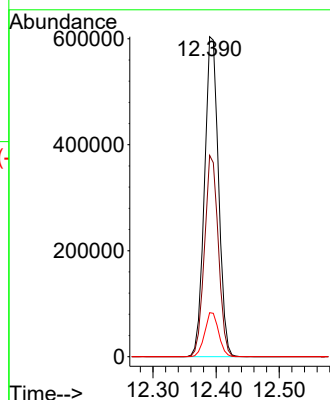
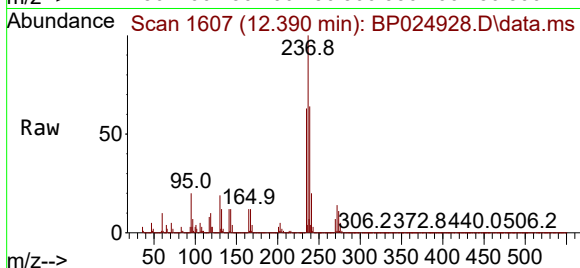
Tgt Ion:237 Resp: 932019

Ion Ratio Lower Upper

237 100

235 62.9 41.9 81.9

272 13.7 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 127.283 ng

RT: 15.778 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

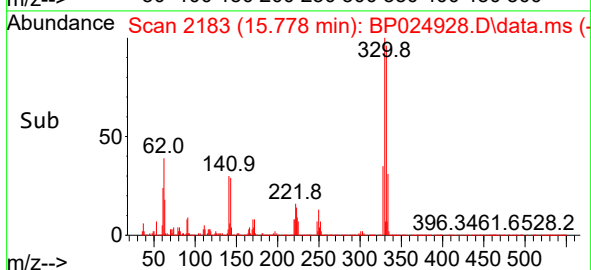
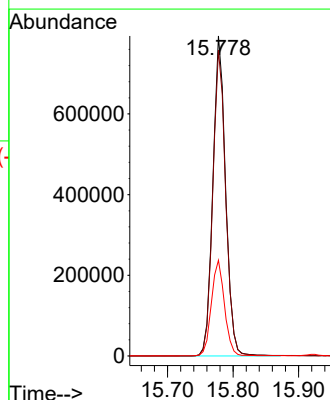
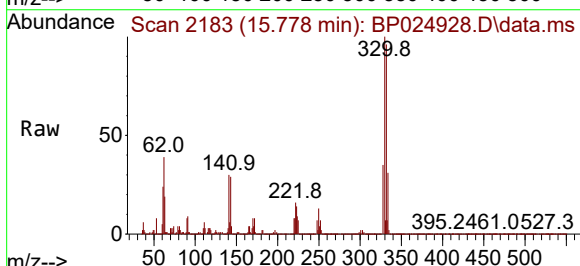
Tgt Ion:330 Resp: 1070486

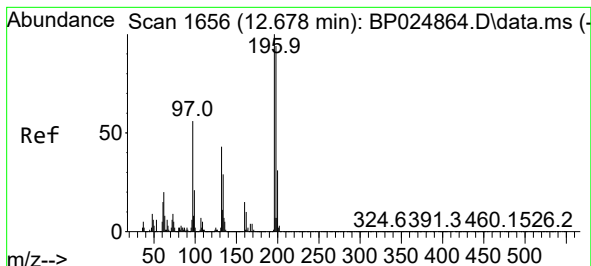
Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 30.9 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.977 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

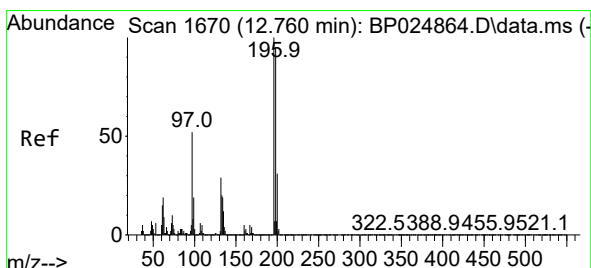
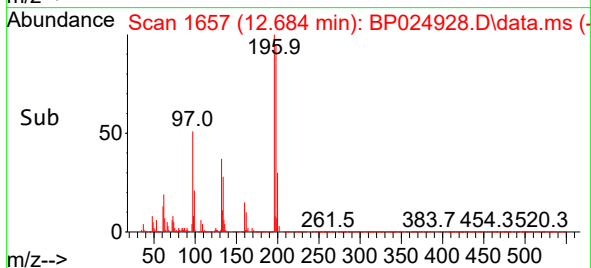
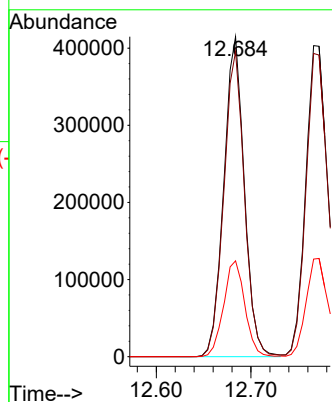
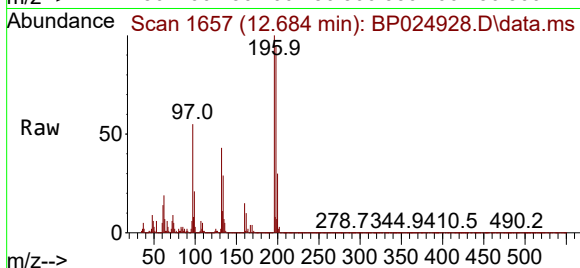
Tgt Ion:196 Resp: 625702

Ion Ratio Lower Upper

196 100

198 95.4 75.4 113.0

200 29.9 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 55.063 ng

RT: 12.766 min Scan# 1671

Delta R.T. 0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Tgt Ion:196 Resp: 683568

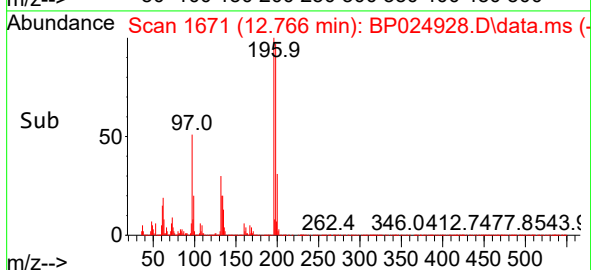
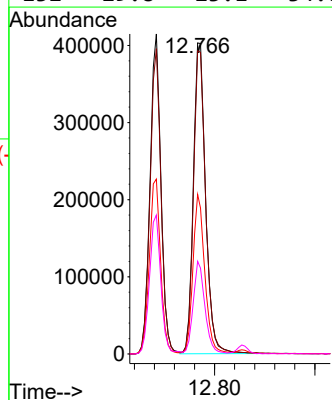
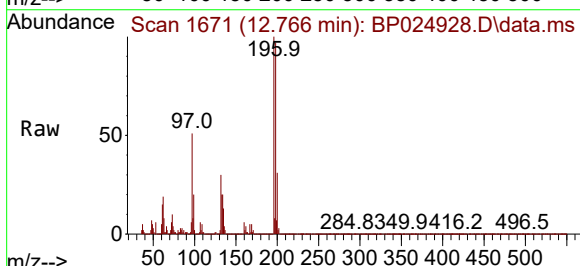
Ion Ratio Lower Upper

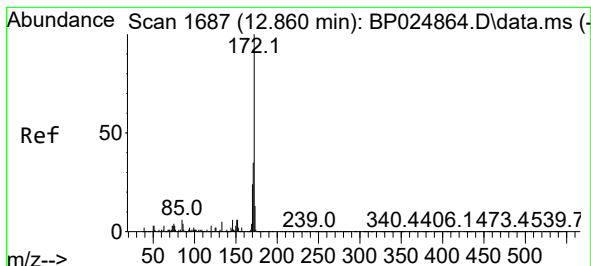
196 100

198 97.5 76.0 114.0

97 51.3 41.5 62.3

132 29.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 70.687 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

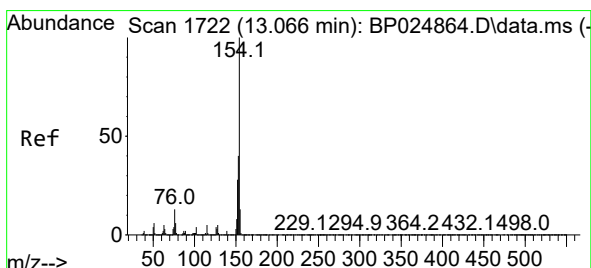
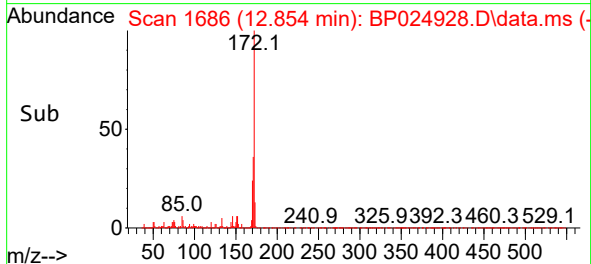
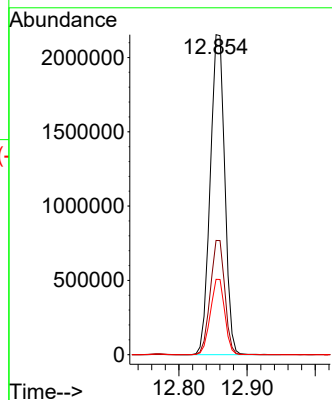
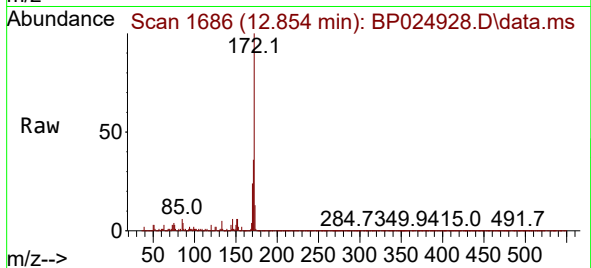
Tgt Ion:172 Resp: 3191971

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.989 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

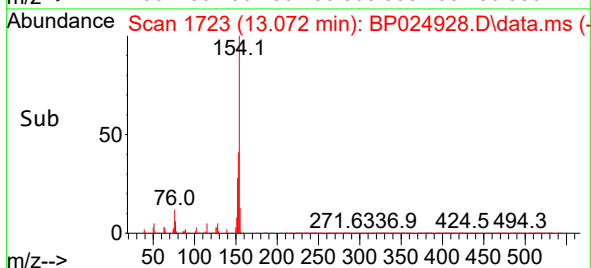
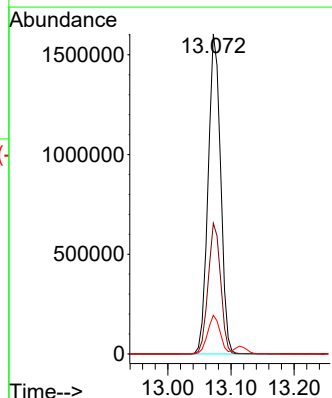
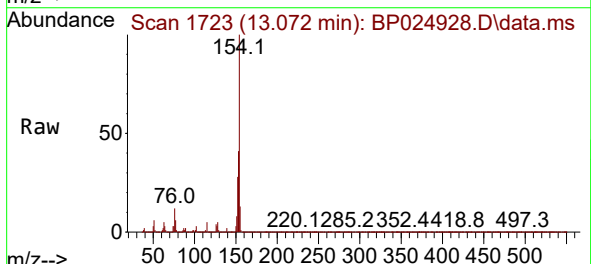
Tgt Ion:154 Resp: 2209903

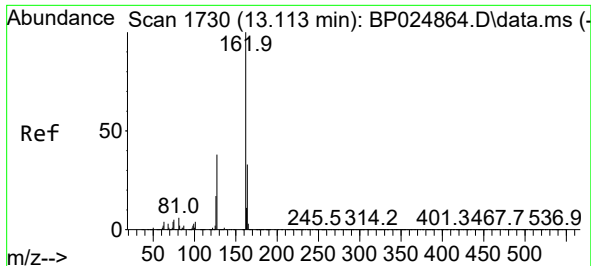
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 12.1 0.0 33.0

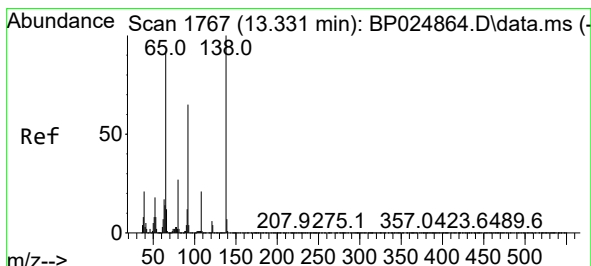
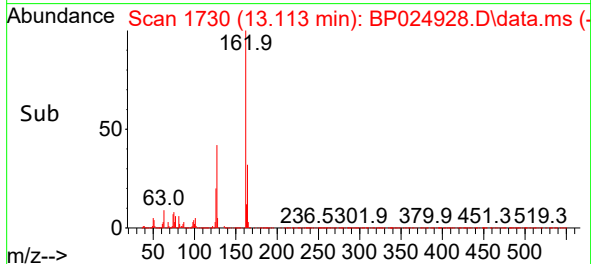
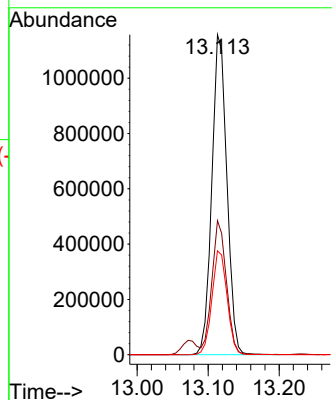
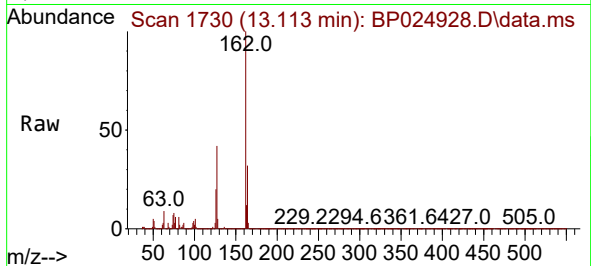




#47
2-Chloronaphthalene
Concen: 49.986 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

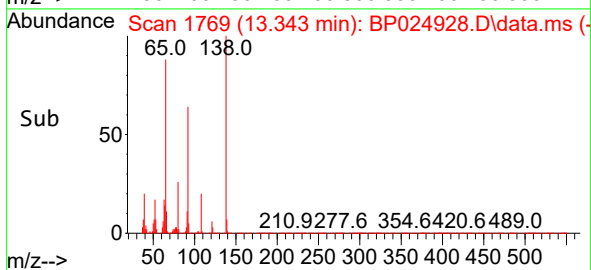
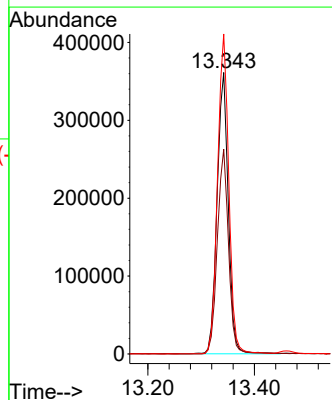
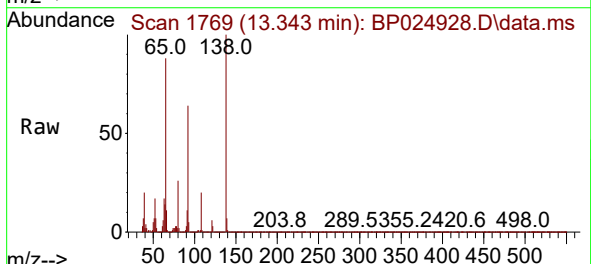
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

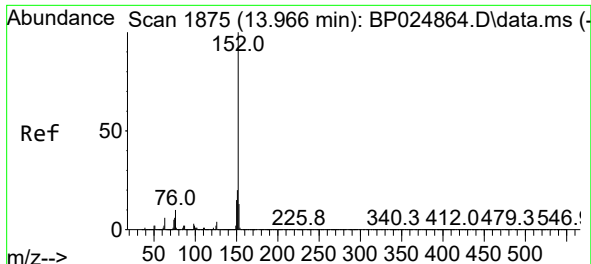
Tgt Ion:162 Resp: 1698387
Ion Ratio Lower Upper
162 100
127 41.9 32.5 48.7
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 50.577 ng
RT: 13.343 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 65 Resp: 528310
Ion Ratio Lower Upper
65 100
92 72.8 56.8 85.2
138 113.7 86.9 130.3

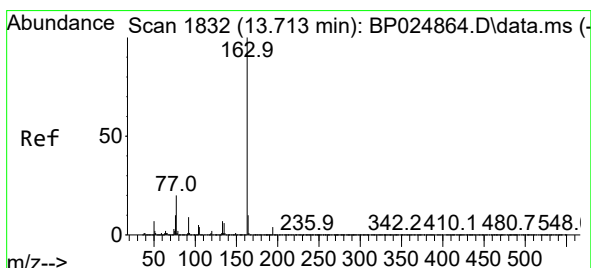
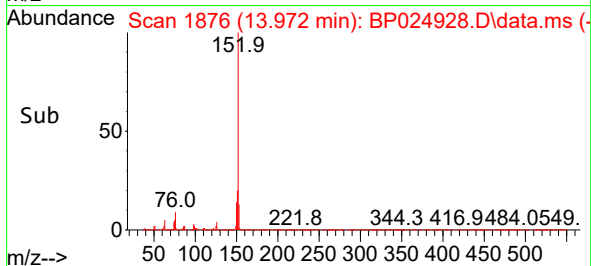
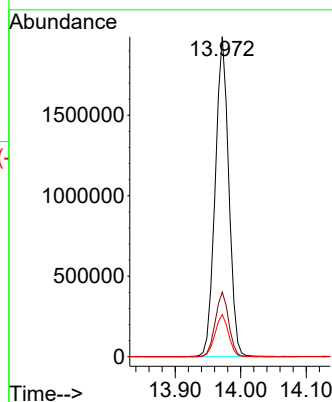
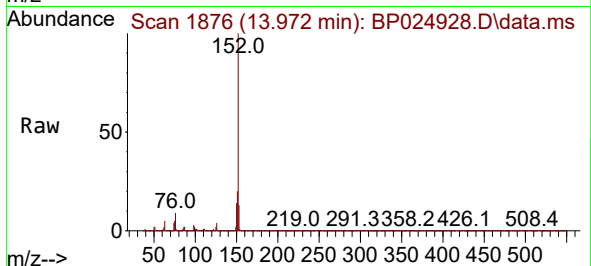




#49
Acenaphthylene
Concen: 50.275 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

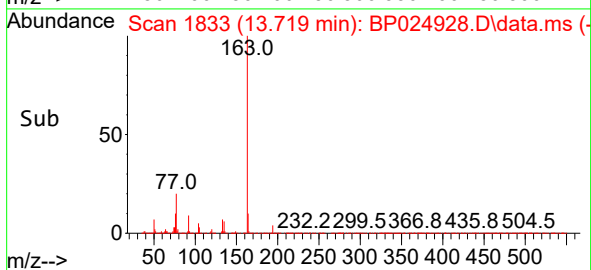
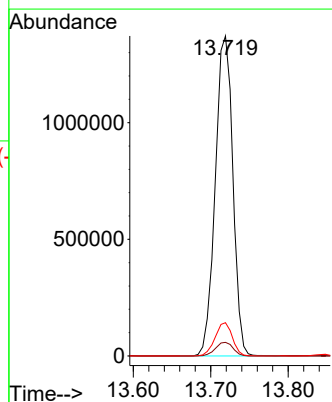
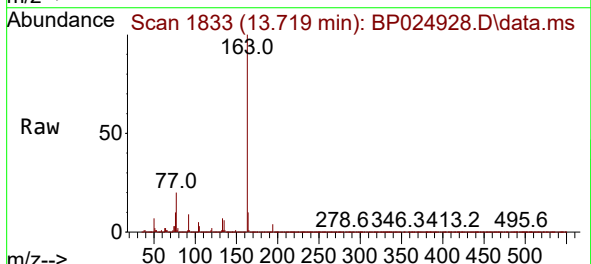
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

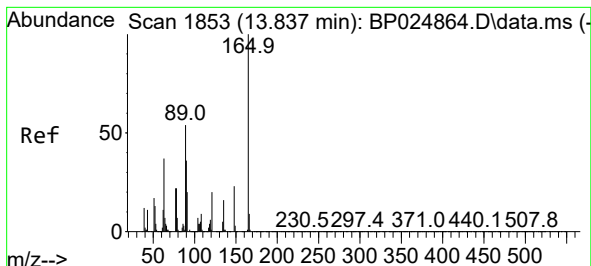
Tgt Ion:152 Resp: 2848189
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 48.130 ng
RT: 13.719 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:163 Resp: 2159772
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.0 12.0

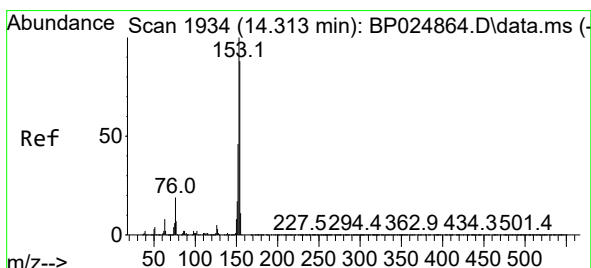
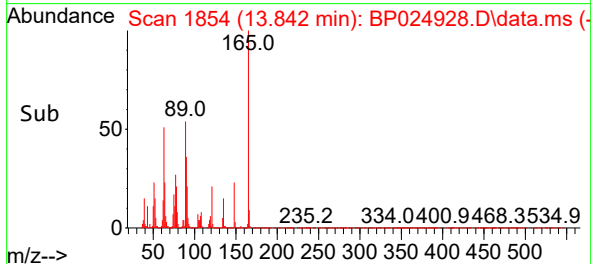
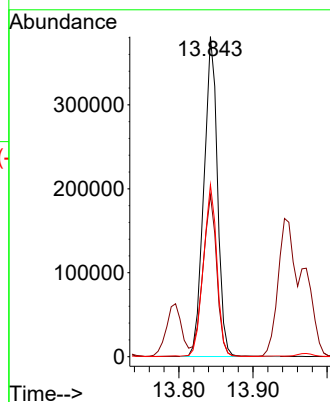
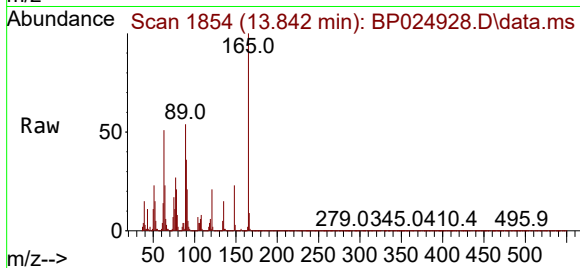




#51
2,6-Dinitrotoluene
Concen: 50.103 ng
RT: 13.842 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

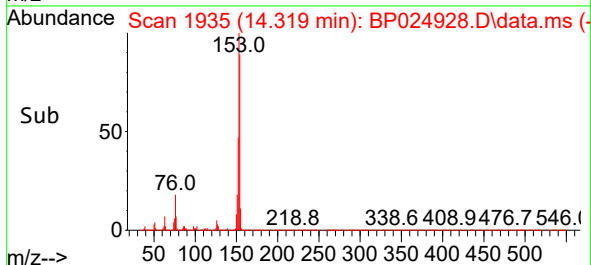
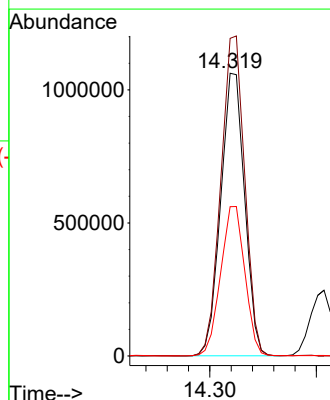
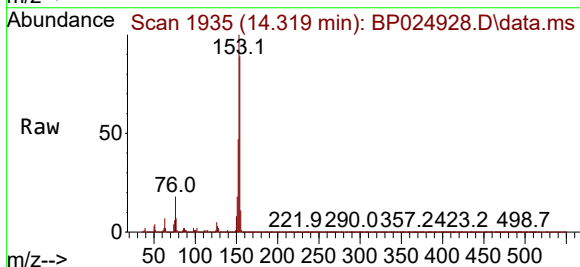
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

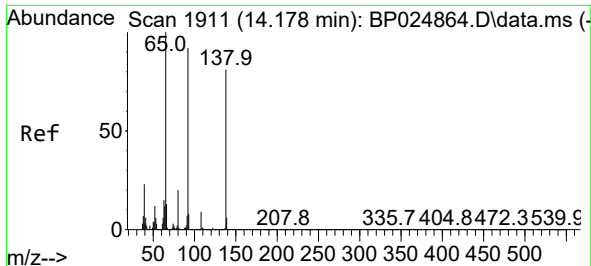
Tgt Ion:165 Resp: 484696
Ion Ratio Lower Upper
165 100
63 50.6 41.8 62.8
89 53.8 43.1 64.7



#52
Acenaphthene
Concen: 51.051 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:154 Resp: 1657297
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 52.8 42.1 63.1

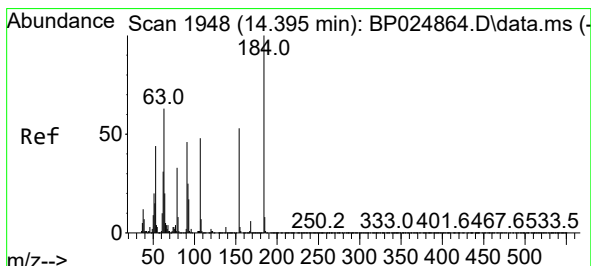
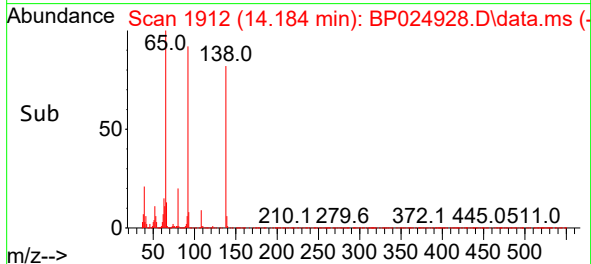
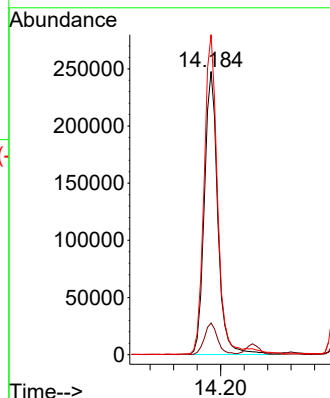
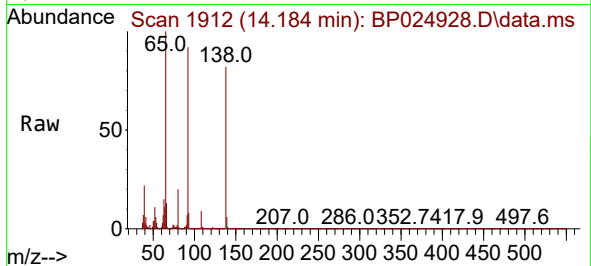




#53
3-Nitroaniline
Concen: 39.016 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

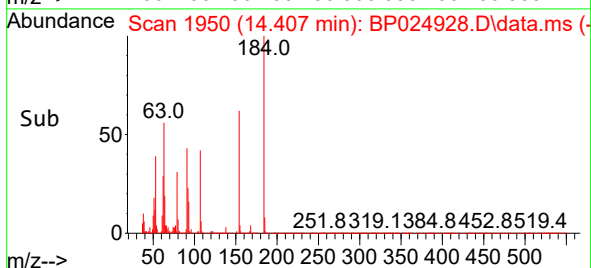
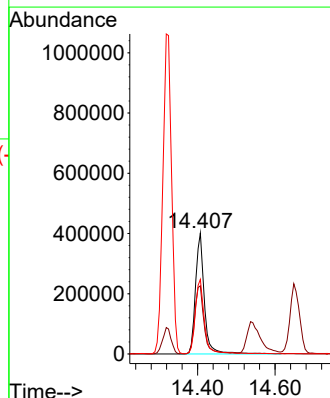
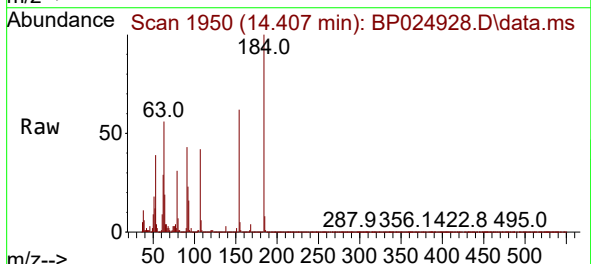
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

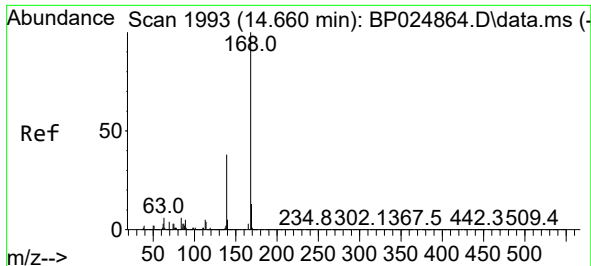
Tgt Ion:138 Resp: 391686
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 113.0 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 99.394 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:184 Resp: 635240
Ion Ratio Lower Upper
184 100
63 56.4 51.0 76.4
154 61.6 51.7 77.5

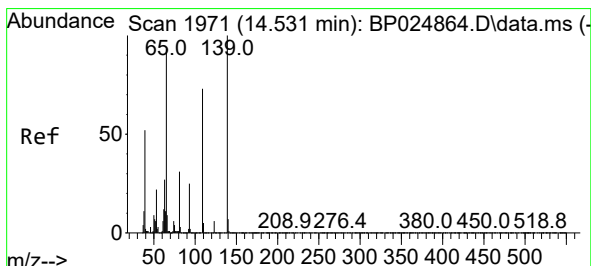
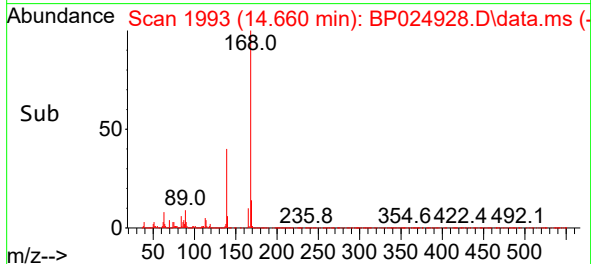
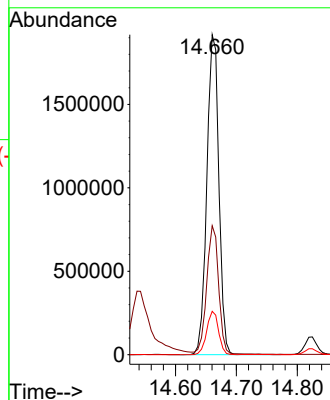
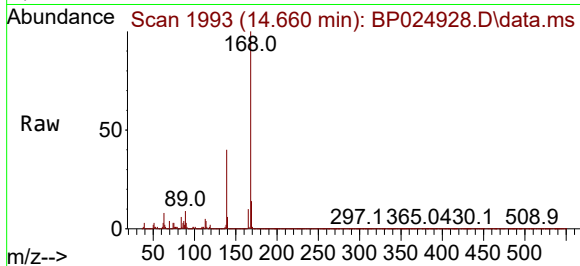




#55
Dibenzenofuran
Concen: 50.493 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

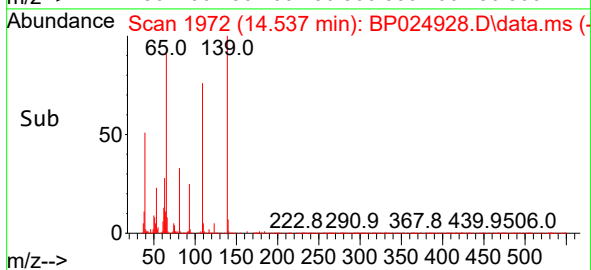
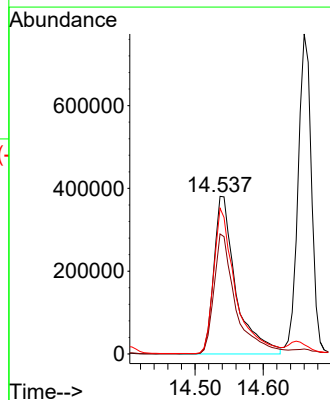
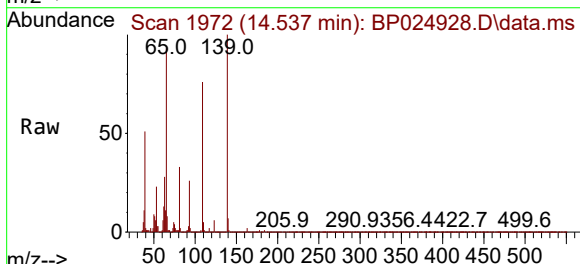
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

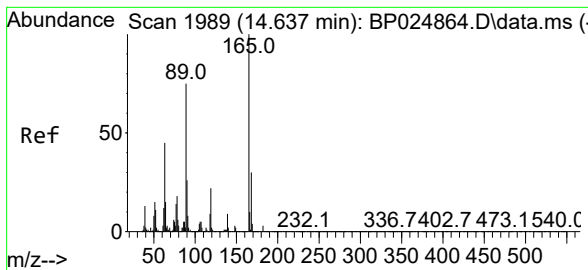
Tgt Ion:168 Resp: 2631180
Ion Ratio Lower Upper
168 100
139 40.3 31.6 47.4
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 99.103 ng
RT: 14.537 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:139 Resp: 854056
Ion Ratio Lower Upper
139 100
109 76.2 53.1 93.1
65 92.5 73.0 113.0

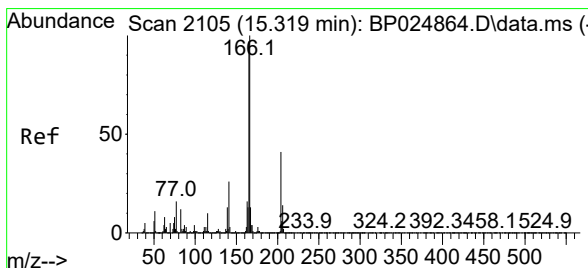
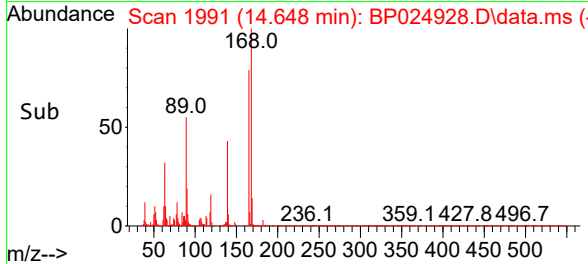
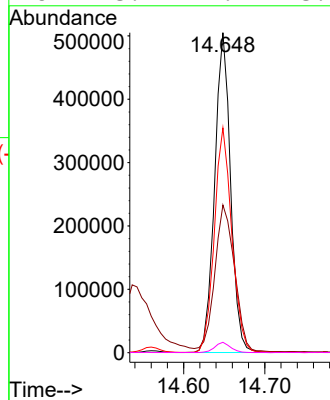
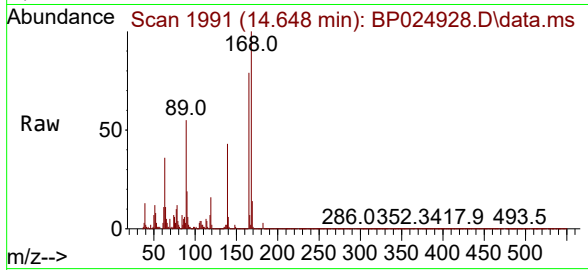




#57
2,4-Dinitrotoluene
Concen: 50.776 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

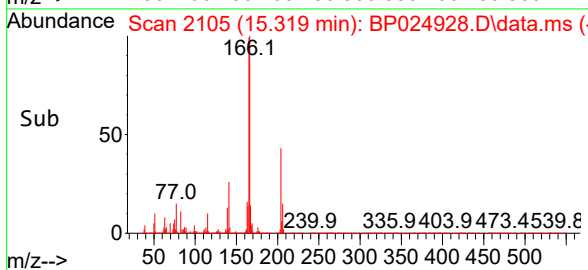
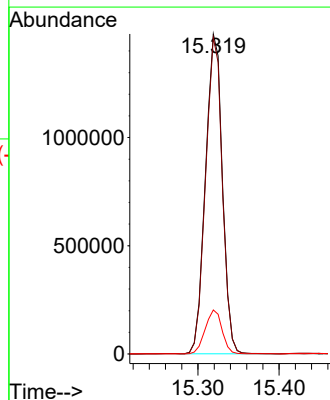
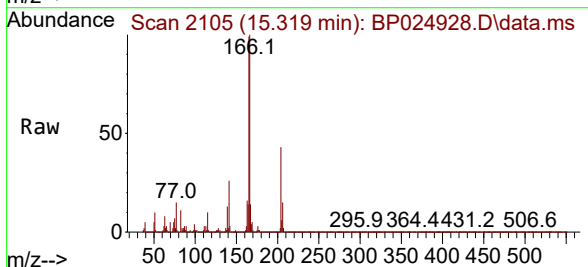
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

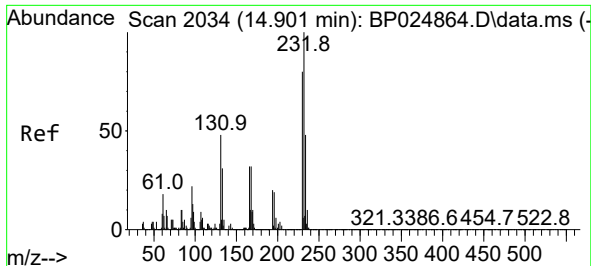
Tgt Ion:165 Resp: 687118
Ion Ratio Lower Upper
165 100
63 46.1 37.0 55.6
89 70.2 60.1 90.1
182 3.2 2.4 3.6



#58
Fluorene
Concen: 50.627 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:166 Resp: 2131181
Ion Ratio Lower Upper
166 100
165 98.9 77.7 116.5
167 13.8 10.6 16.0

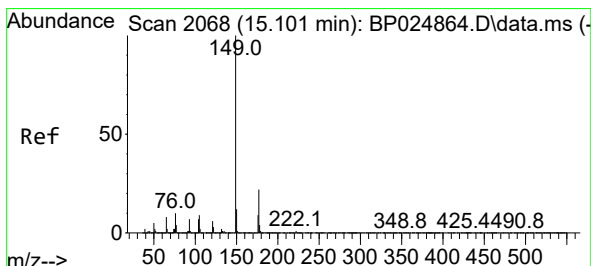
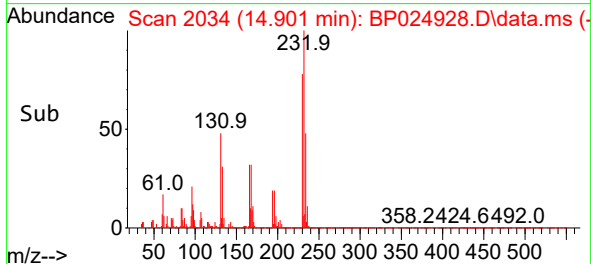
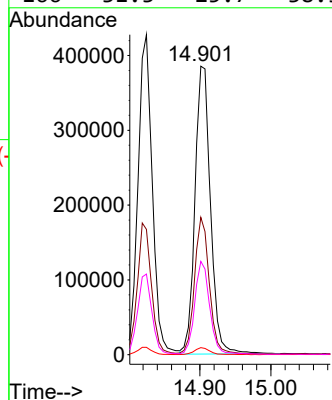
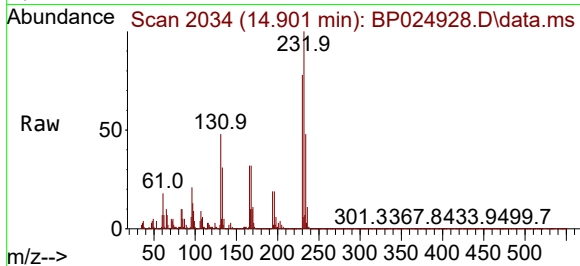




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.852 ng
RT: 14.901 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

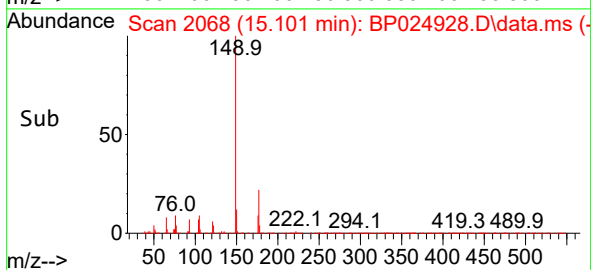
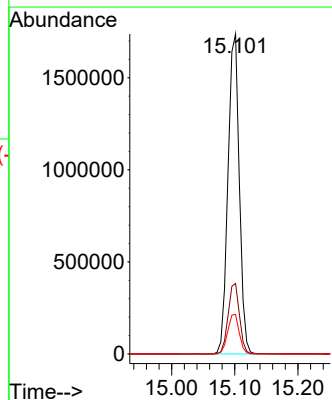
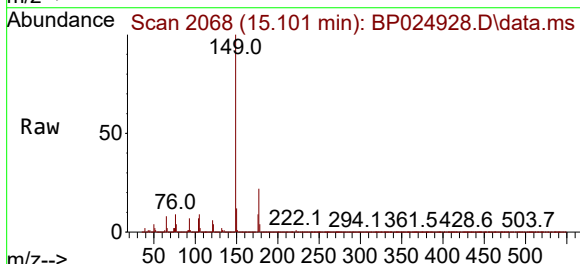
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

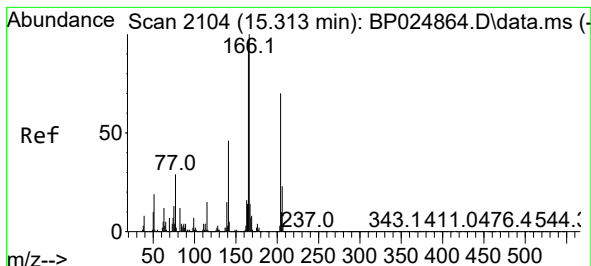
Tgt Ion:	232	Resp:	586227
Ion	Ratio	Lower	Upper
232	100		
131	45.4	38.2	57.2
130	2.4	2.1	3.1
166	31.3	25.7	38.5



#60
Diethylphthalate
Concen: 48.355 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:	149	Resp:	2162551
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.4	9.8	14.6

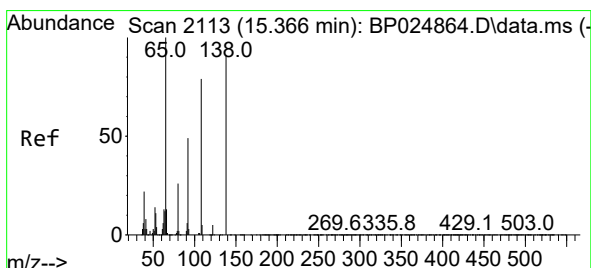
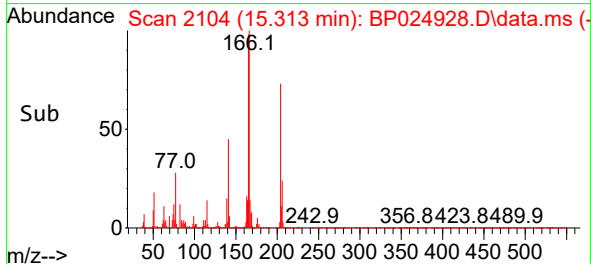
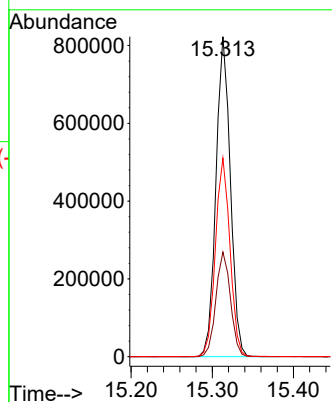
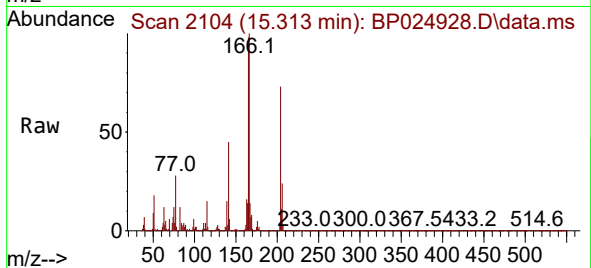




#61
4-Chlorophenyl-phenylether
Concen: 49.269 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

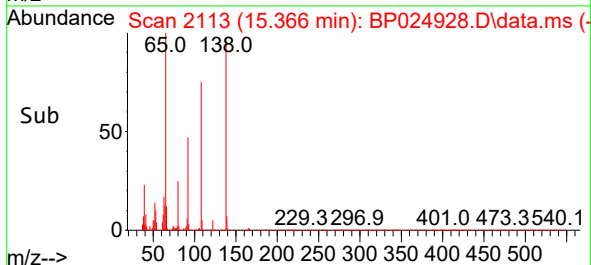
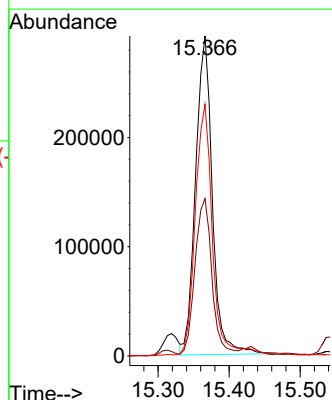
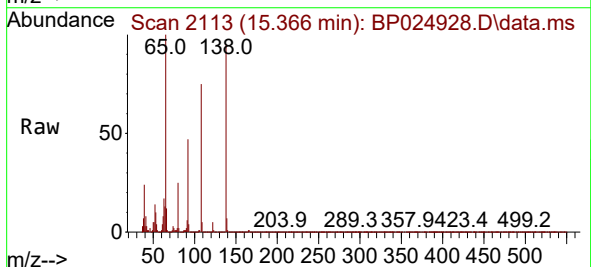
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

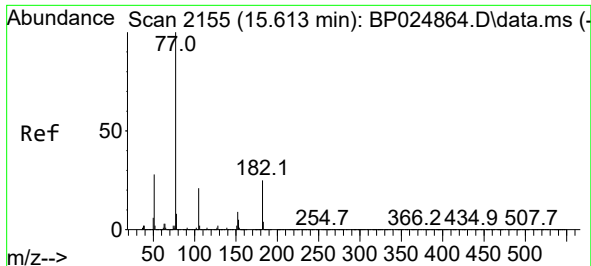
Tgt Ion:204 Resp: 1014091
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 62.1 52.4 78.6



#62
4-Nitroaniline
Concen: 52.694 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:138 Resp: 479660
Ion Ratio Lower Upper
138 100
92 49.2 33.5 73.5
108 78.6 65.1 105.1



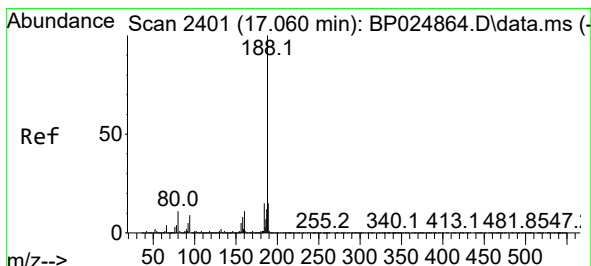
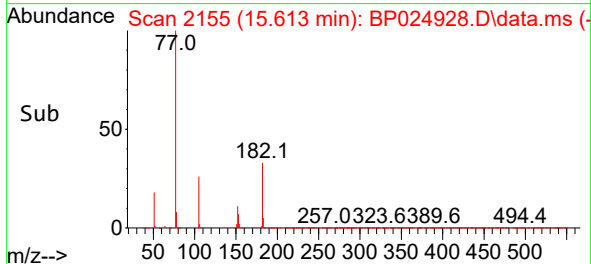
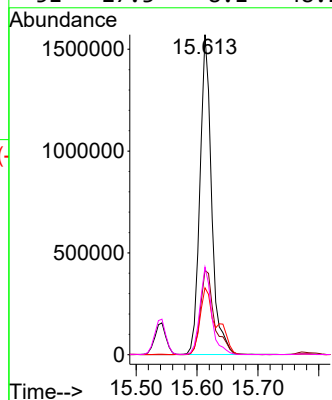
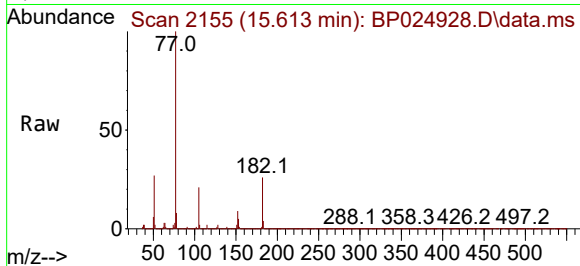


#63
Azobenzene
Concen: 50.725 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Instrument :
BNA_P
ClientSampleId :
RT-4643MS

Tgt Ion: 77 Resp: 2080554

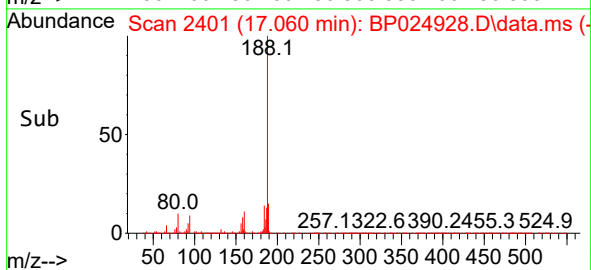
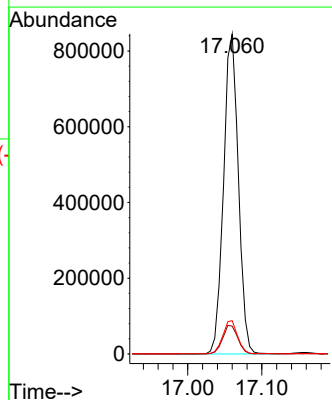
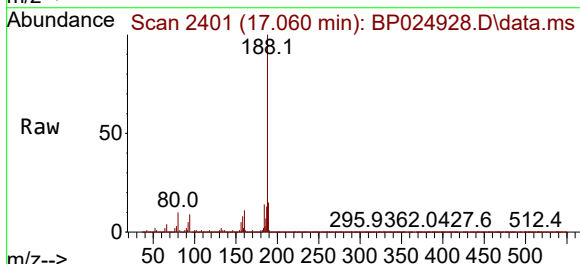
Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.4	45.4
105	20.9	0.8	40.8
51	27.3	8.1	48.1

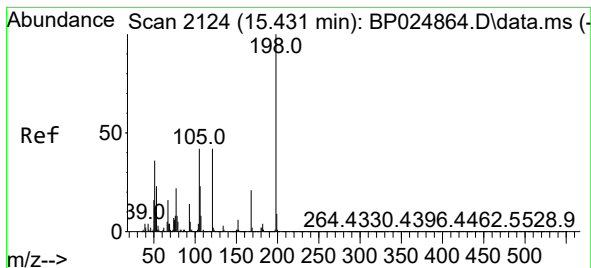


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion: 188 Resp: 1171746

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	10.4	8.5	12.7

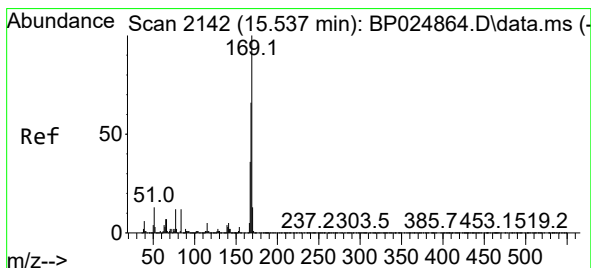
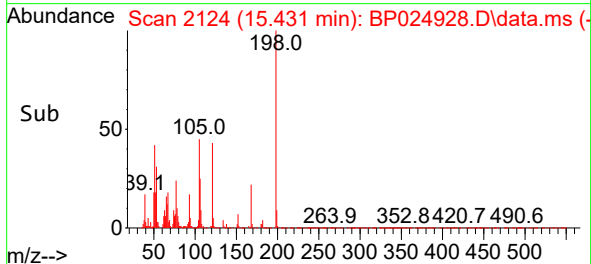
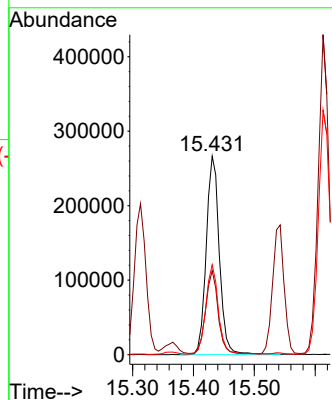
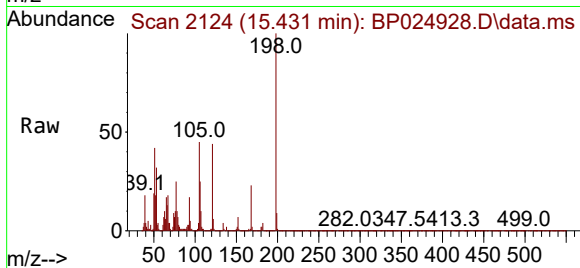




#65
4,6-Dinitro-2-methylphenol
Concen: 51.789 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

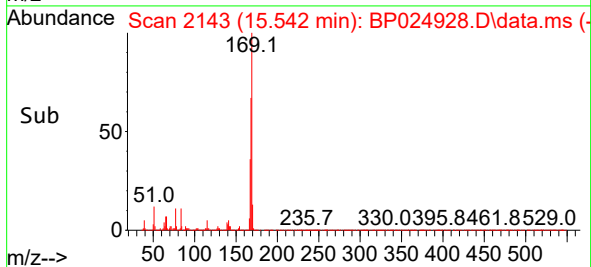
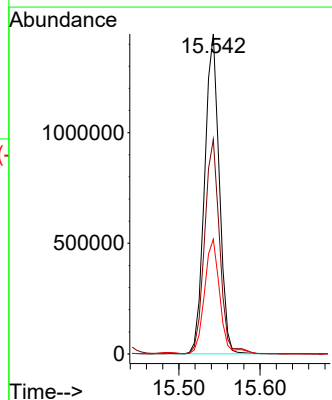
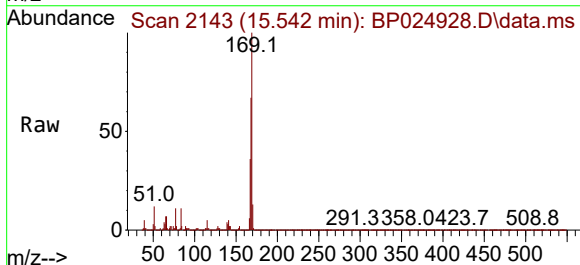
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

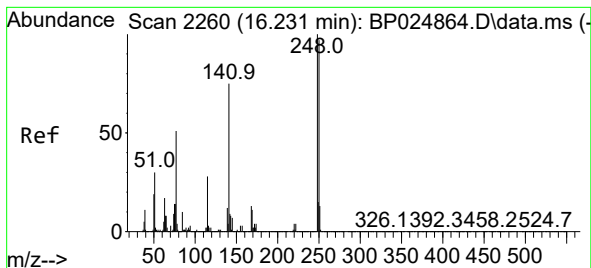
Tgt Ion:198 Resp: 398746
Ion Ratio Lower Upper
198 100
51 42.3 19.2 59.2
105 45.3 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 49.741 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:169 Resp: 1806525
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 35.8 28.6 43.0

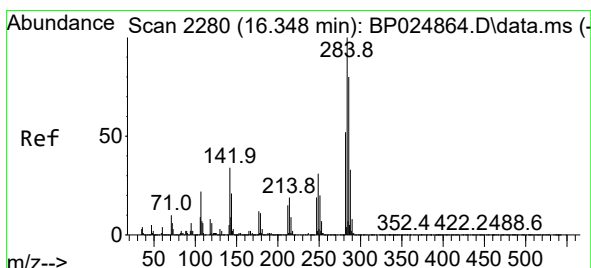
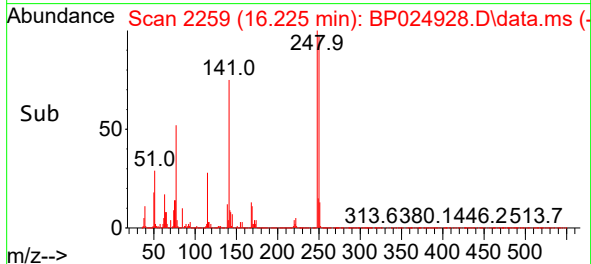
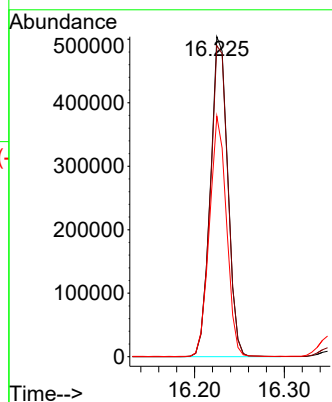
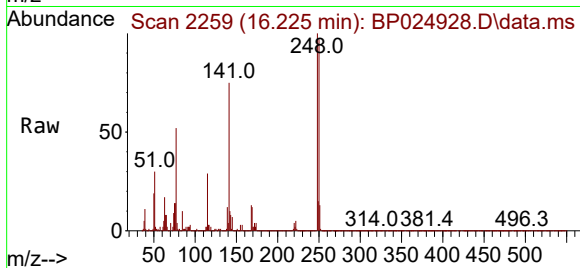




#67
4-Bromophenyl-phenylether
Concen: 51.209 ng
RT: 16.225 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

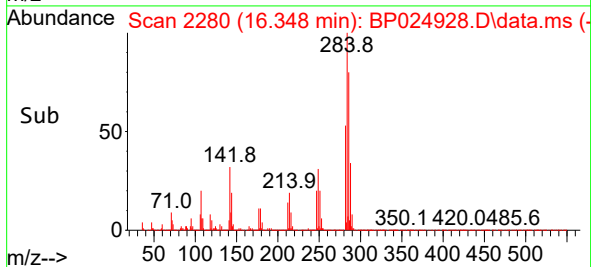
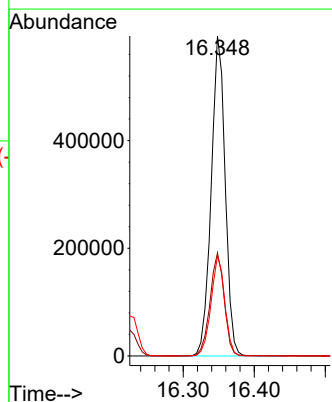
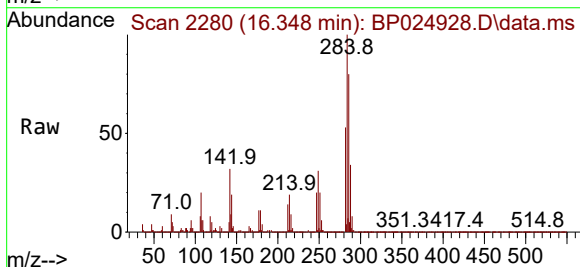
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

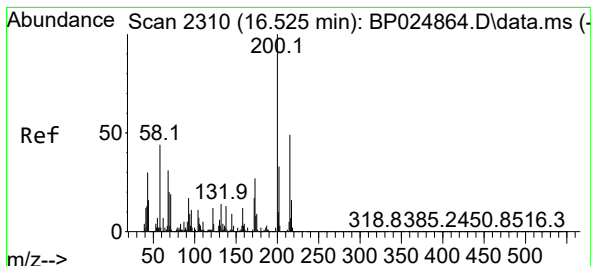
Tgt Ion:248 Resp: 677044
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 75.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 50.737 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:284 Resp: 813203
Ion Ratio Lower Upper
284 100
142 32.3 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 49.964 ng

RT: 16.525 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

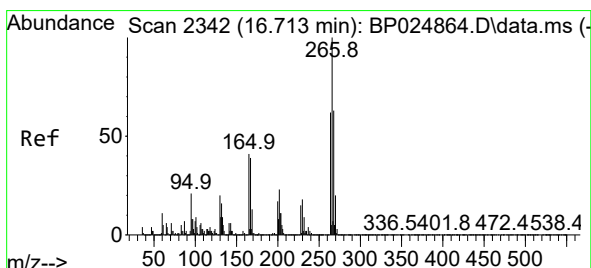
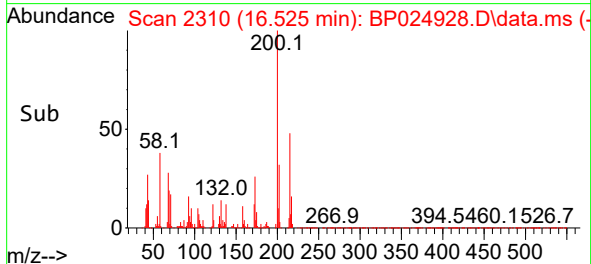
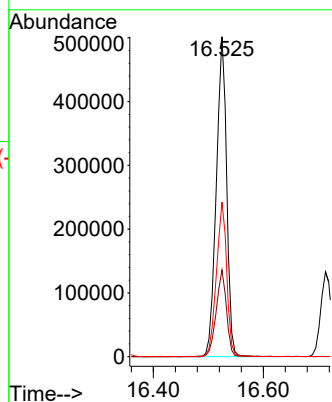
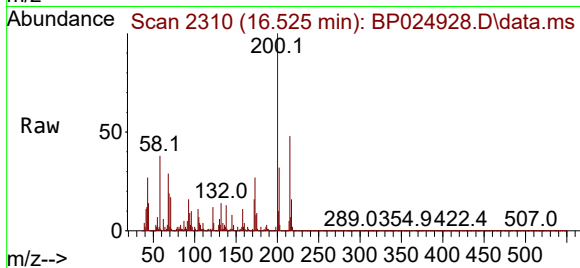
Tgt Ion:200 Resp: 657835

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

215 48.3 28.7 68.7



#70

Pentachlorophenol

Concen: 126.379 ng

RT: 16.713 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

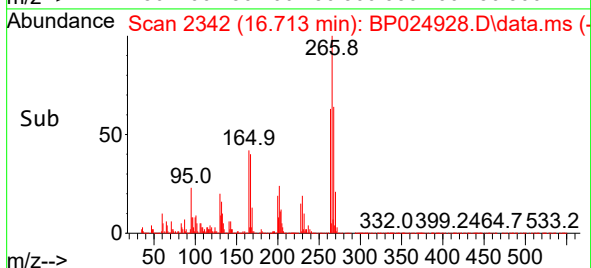
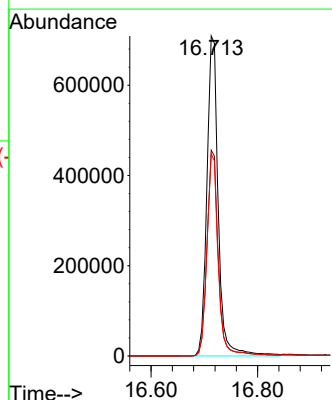
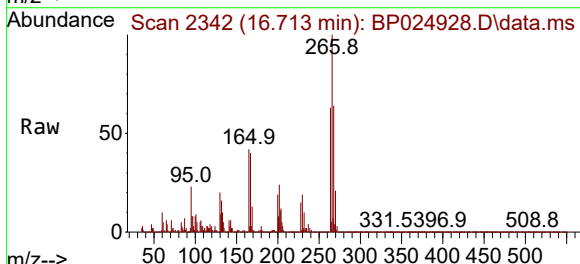
Tgt Ion:266 Resp: 1048341

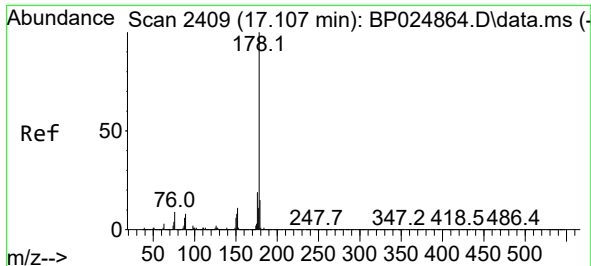
Ion Ratio Lower Upper

266 100

268 64.3 50.6 76.0

264 63.2 49.7 74.5

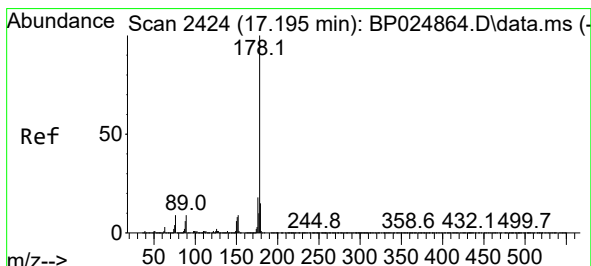
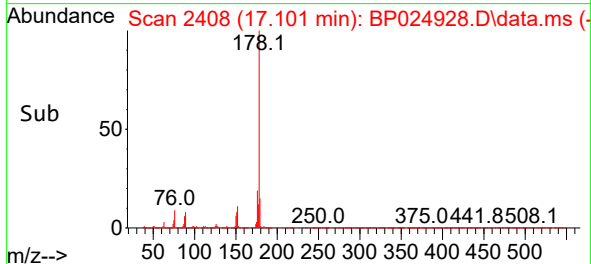
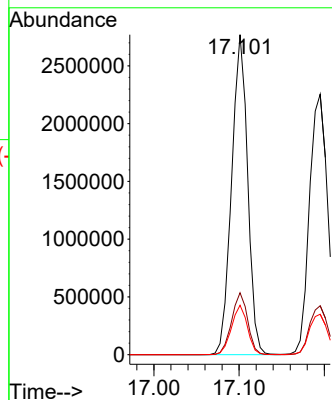
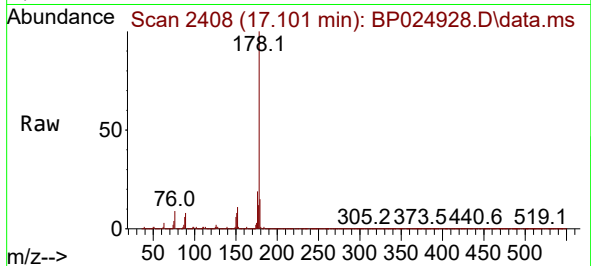




#71
Phenanthrene
Concen: 55.850 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

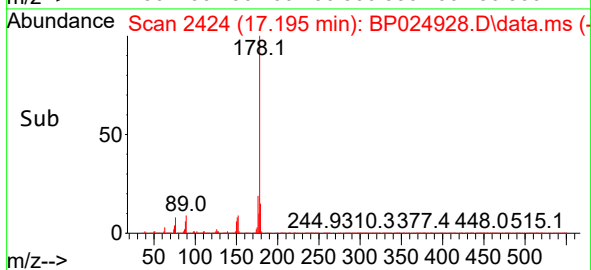
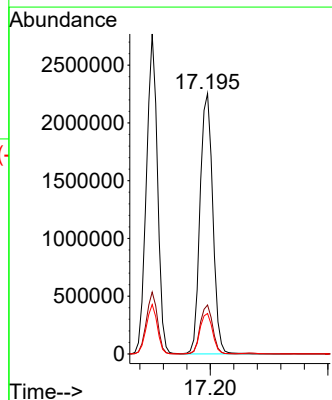
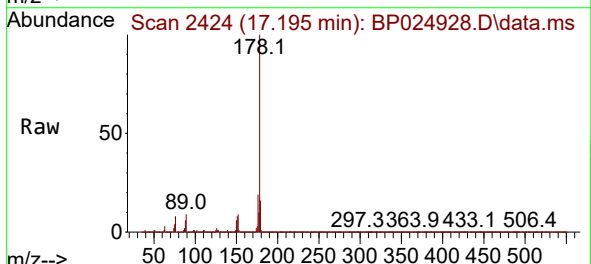
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

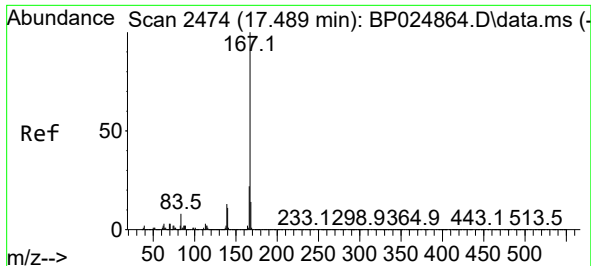
Tgt Ion:178 Resp: 3616392
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 12.1 18.1



#72
Anthracene
Concen: 51.502 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:178 Resp: 3377467
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.3 18.5

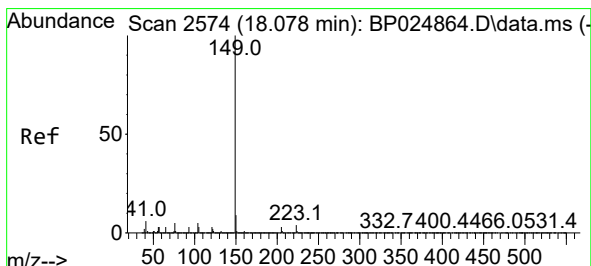
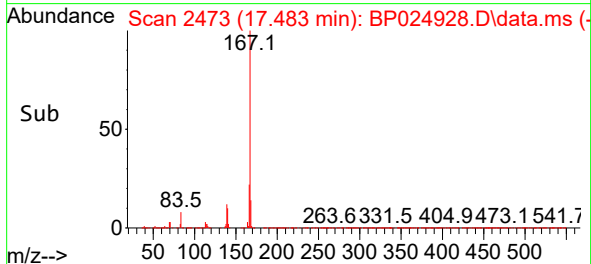
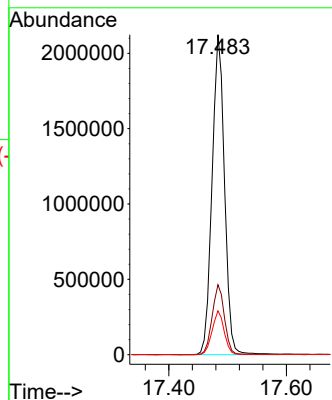
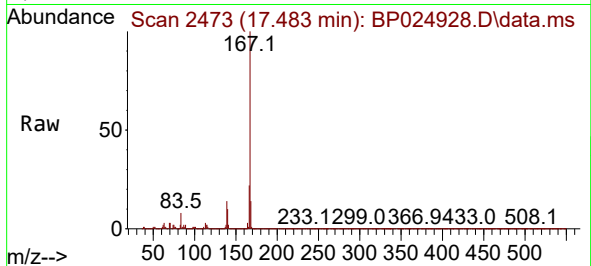




#73
 Carbazole
 Concen: 51.343 ng
 RT: 17.483 min Scan# 2474
 Delta R.T. -0.006 min
 Lab File: BP024928.D
 Acq: 12 Jun 2025 13:49

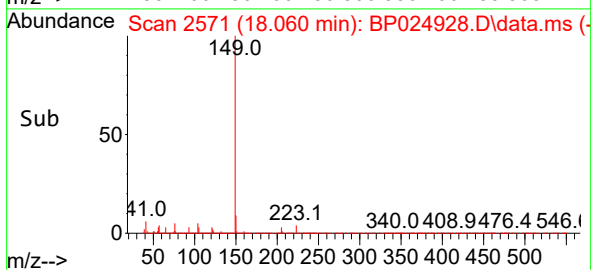
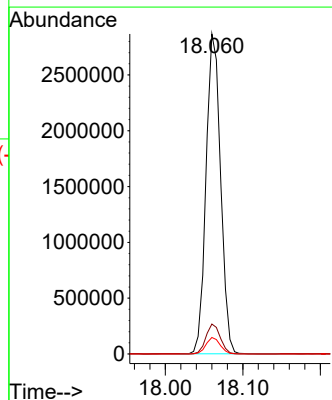
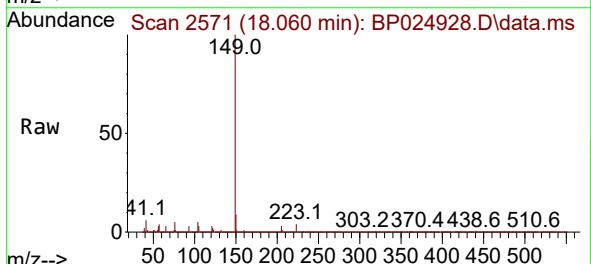
Instrument :
 BNA_P
 ClientSampleId :
 RT-4643MS

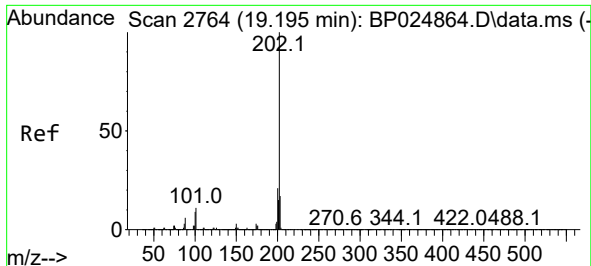
Tgt Ion:167 Resp: 3120923
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 49.654 ng
 RT: 18.060 min Scan# 2571
 Delta R.T. -0.018 min
 Lab File: BP024928.D
 Acq: 12 Jun 2025 13:49

Tgt Ion:149 Resp: 3739567
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.2 6.2

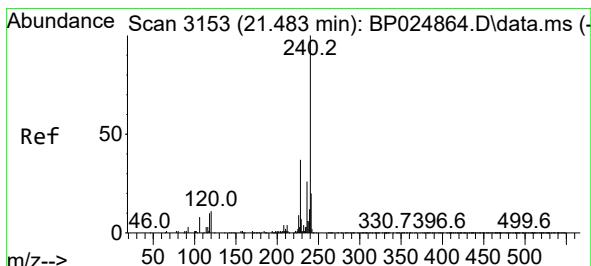
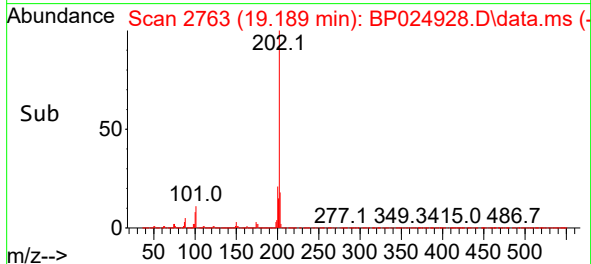
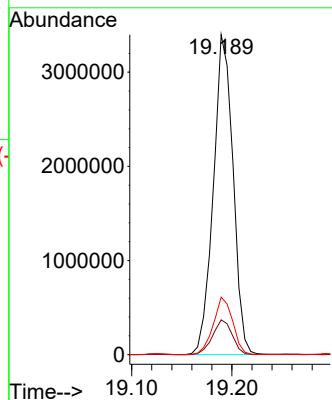
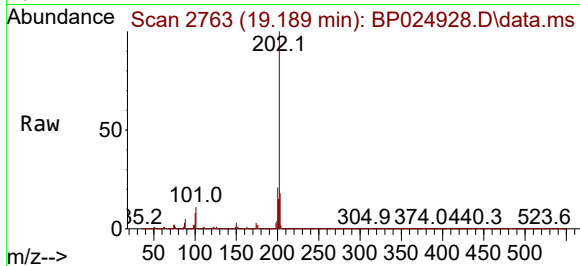




#75
Fluoranthene
Concen: 61.683 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

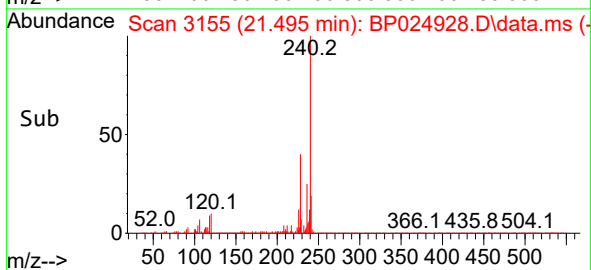
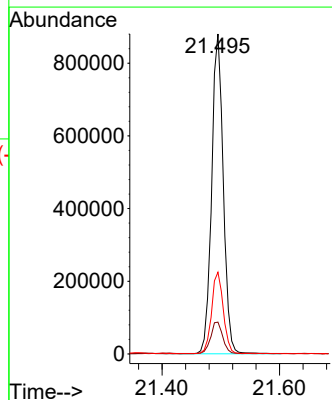
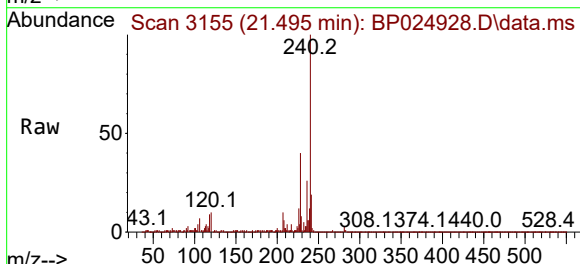
Instrument :
BNA_P
ClientSampleId :
RT-4643MS

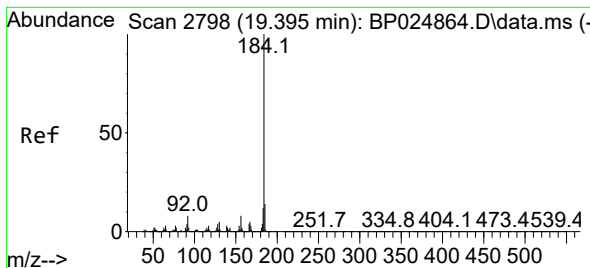
Tgt Ion:202 Resp: 4629331
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024928.D
Acq: 12 Jun 2025 13:49

Tgt Ion:240 Resp: 1208640
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.6 20.9 31.3





#77

Benzidine

Concen: 29.286 ng

RT: 19.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

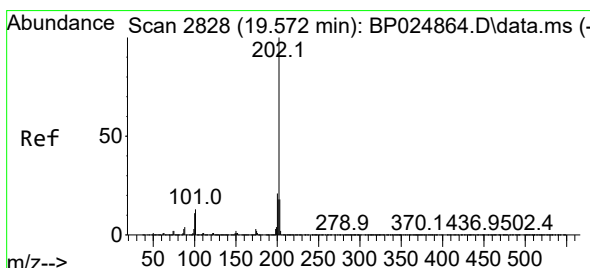
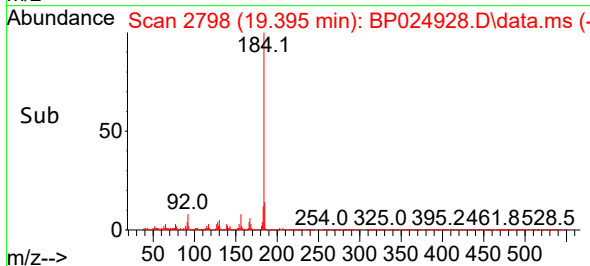
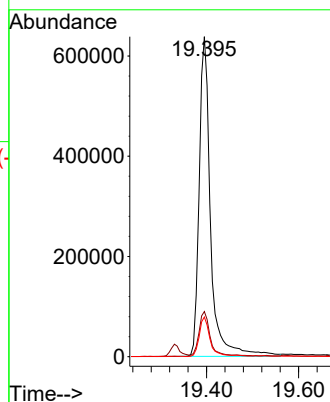
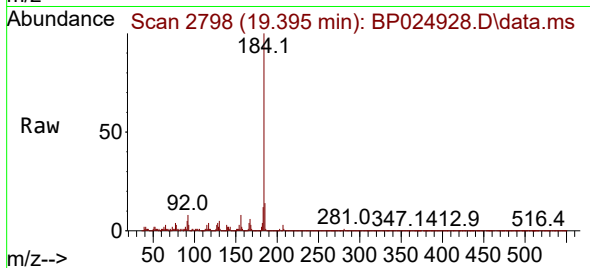
Tgt Ion:184 Resp: 1096267

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 12.4 9.5 14.3



#78

Pyrene

Concen: 61.341 ng

RT: 19.572 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

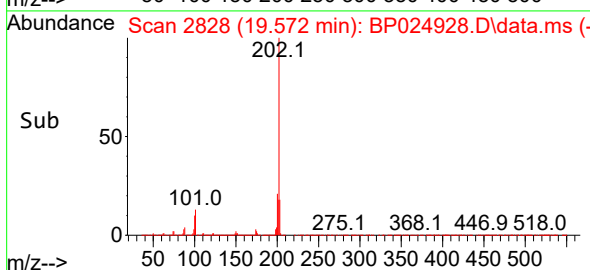
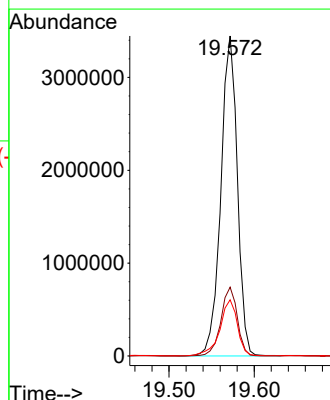
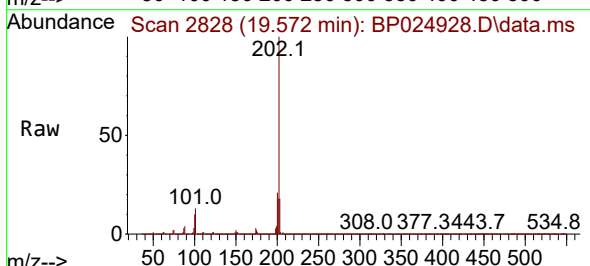
Tgt Ion:202 Resp: 4631827

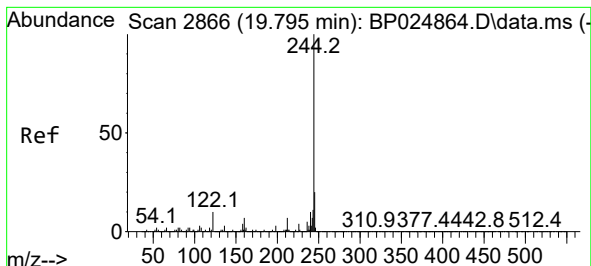
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 71.094 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

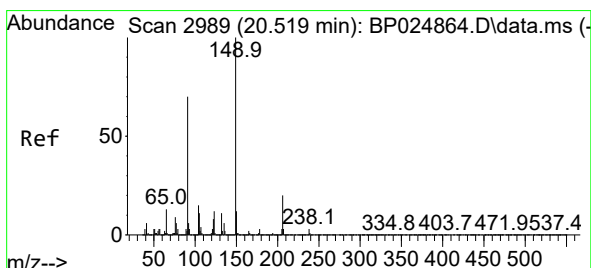
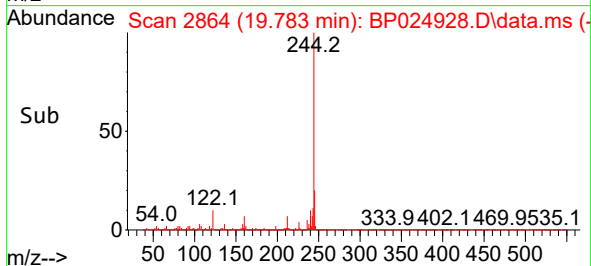
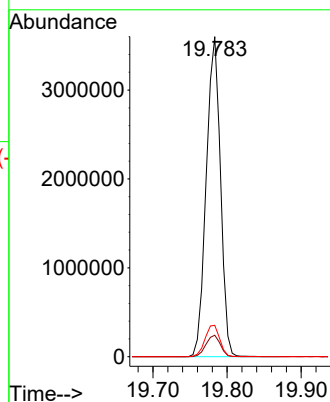
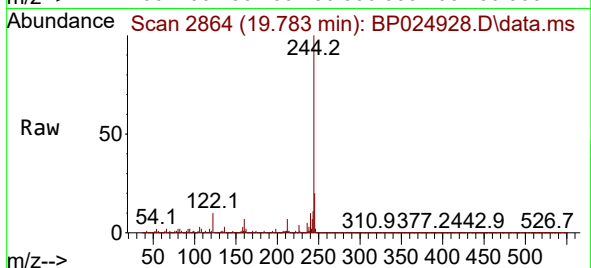
Tgt Ion:244 Resp: 4794376

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 49.400 ng

RT: 20.519 min Scan# 2989

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

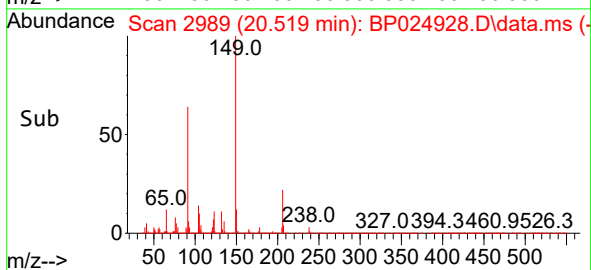
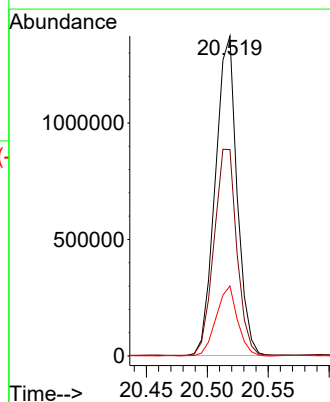
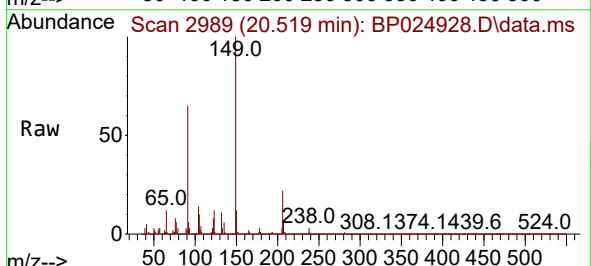
Tgt Ion:149 Resp: 1708620

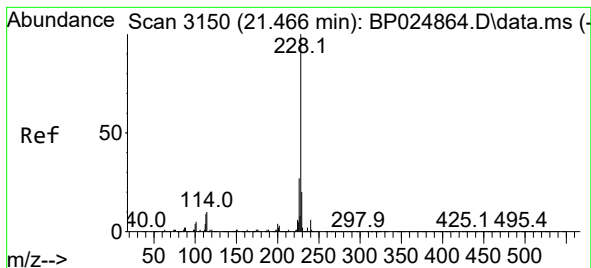
Ion Ratio Lower Upper

149 100

91 64.5 55.8 83.8

206 21.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 53.761 ng

RT: 21.477 min Scan# 3150

Delta R.T. 0.012 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

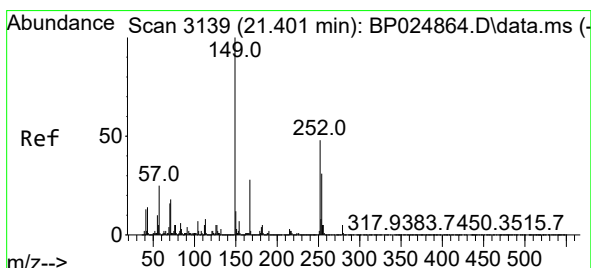
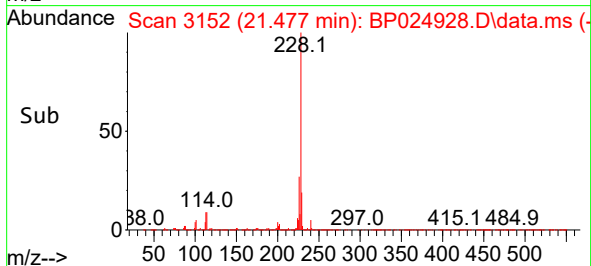
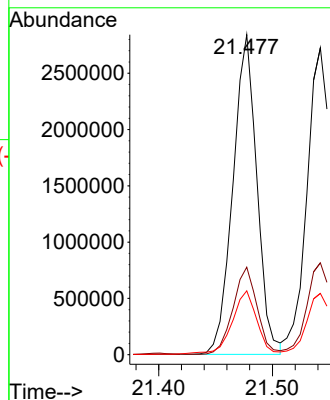
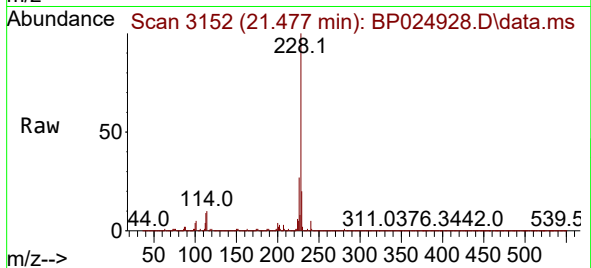
Tgt Ion:228 Resp: 4155819

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 36.973 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

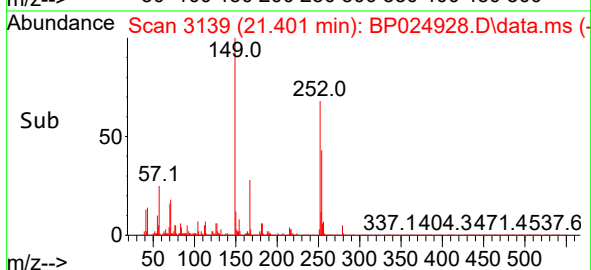
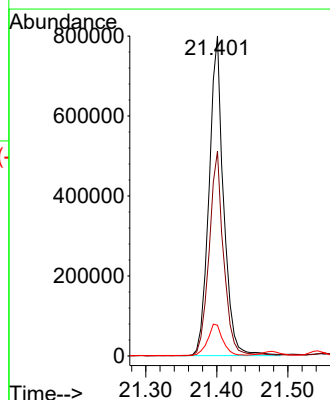
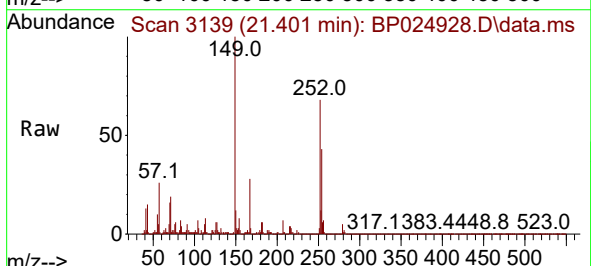
Tgt Ion:252 Resp: 1134681

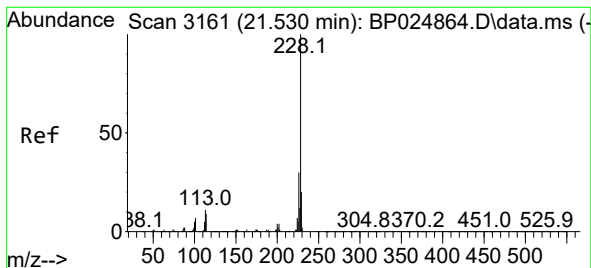
Ion Ratio Lower Upper

252 100

254 64.0 51.2 76.8

126 9.6 8.6 12.8





#83

Chrysene

Concen: 54.851 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

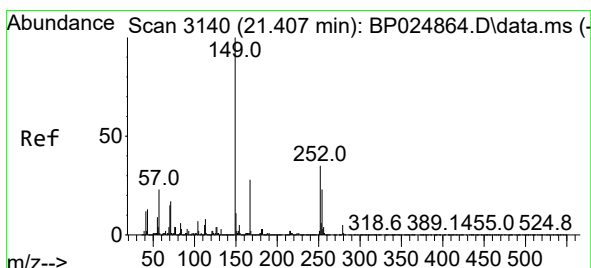
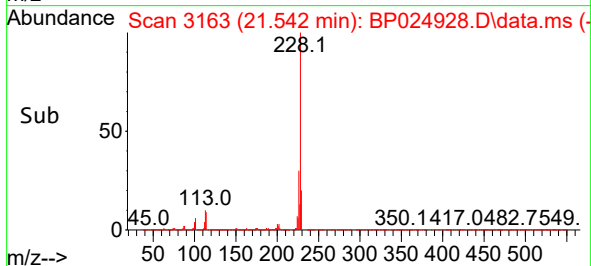
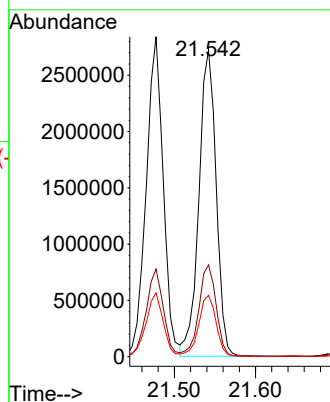
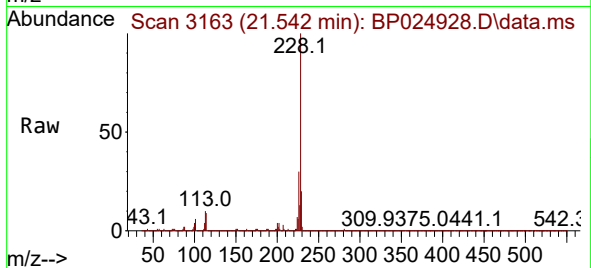
Tgt Ion:228 Resp: 4017613

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.981 ng

RT: 21.407 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

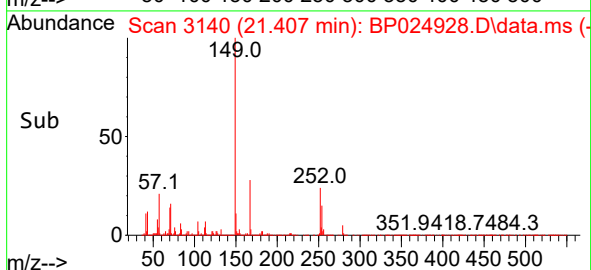
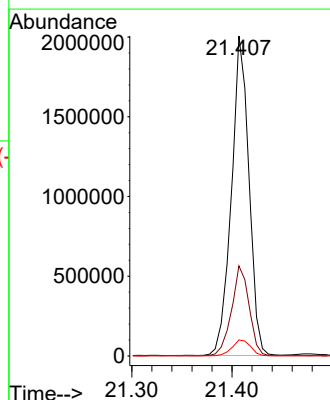
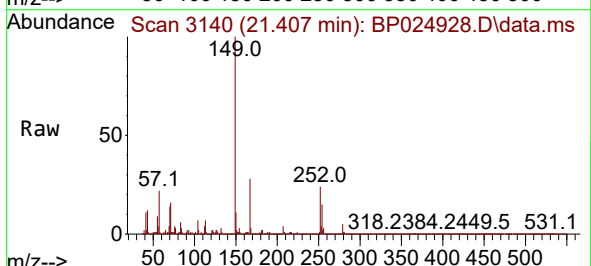
Tgt Ion:149 Resp: 2427269

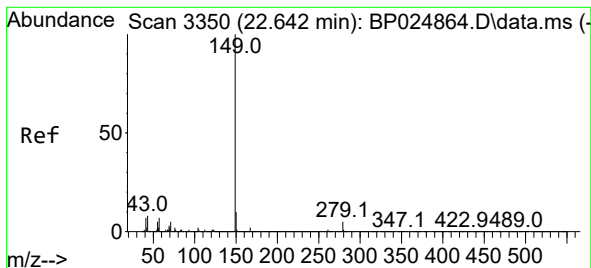
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.484 ng

RT: 22.648 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

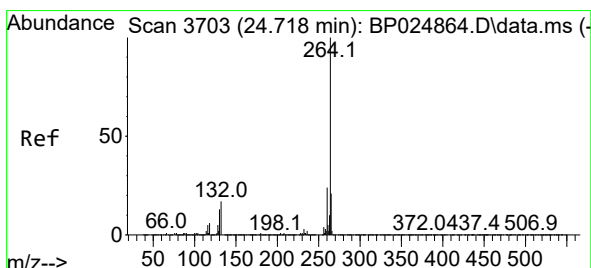
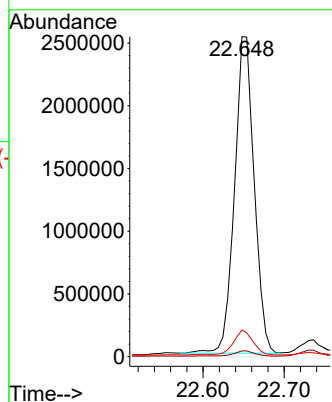
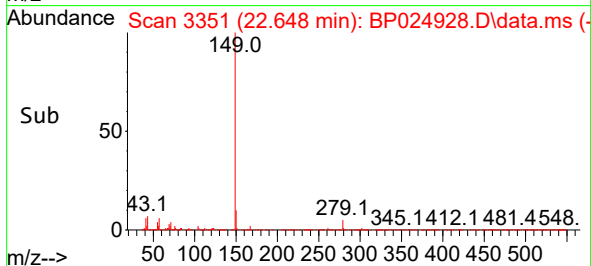
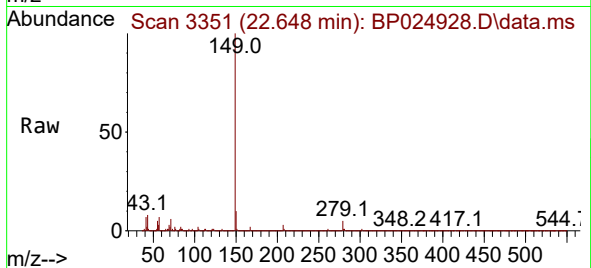
Tgt Ion:149 Resp: 4234901

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.7 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

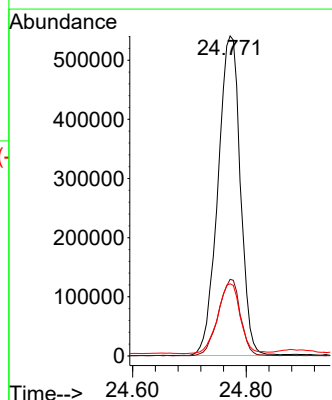
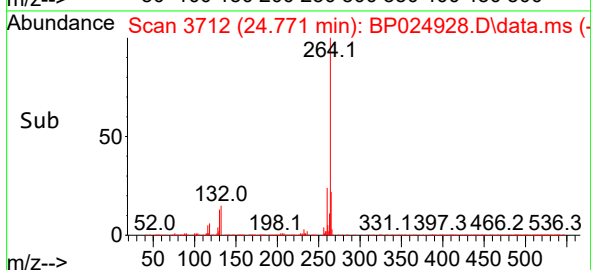
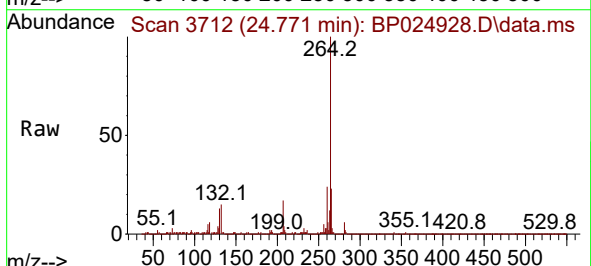
Tgt Ion:264 Resp: 1478760

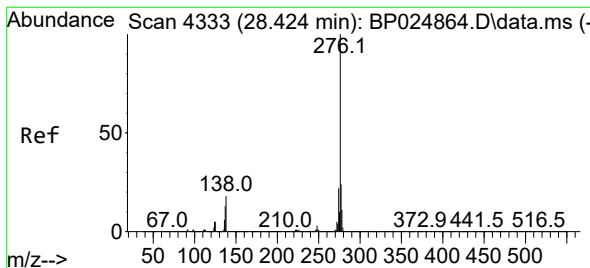
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.791 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

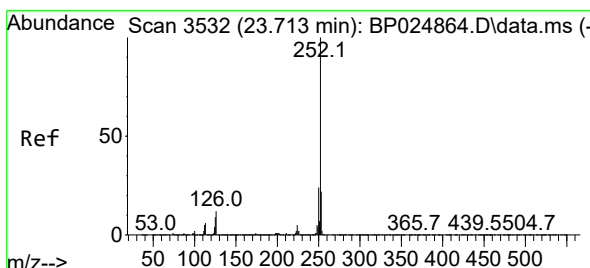
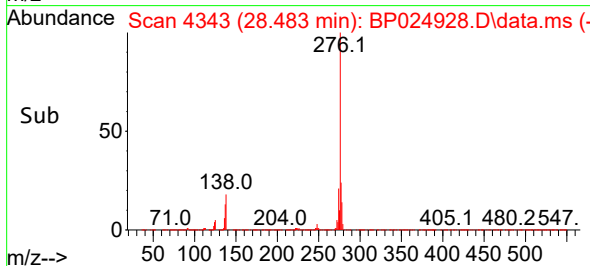
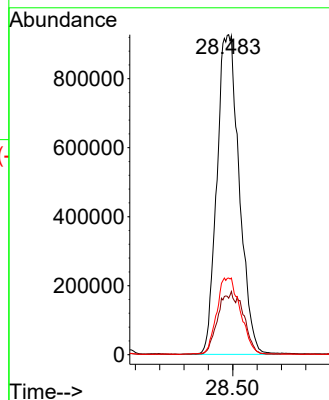
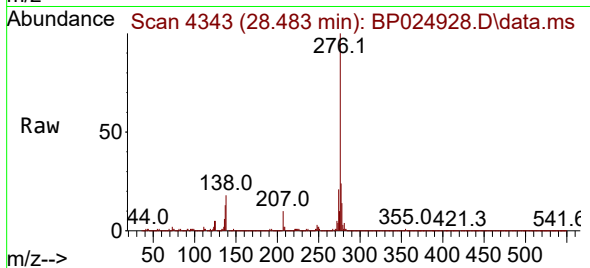
Tgt Ion:276 Resp: 5911553

Ion Ratio Lower Upper

276 100

138 9.9 18.6 27.8#

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 58.778 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.023 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

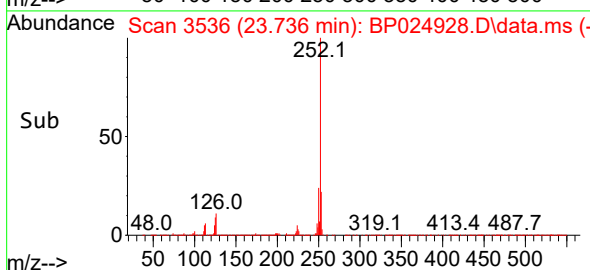
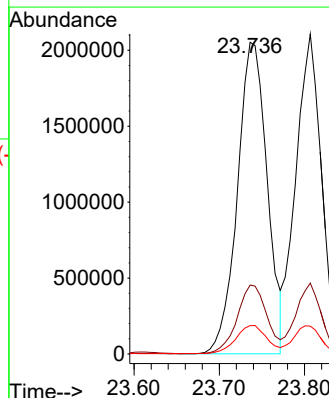
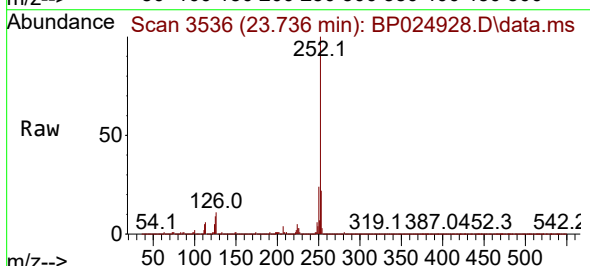
Tgt Ion:252 Resp: 4974399

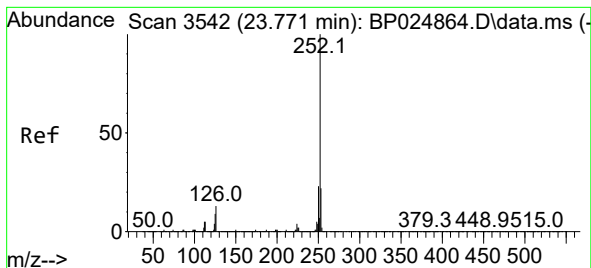
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.404 ng

RT: 23.807 min Scan# 3

Delta R.T. 0.035 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

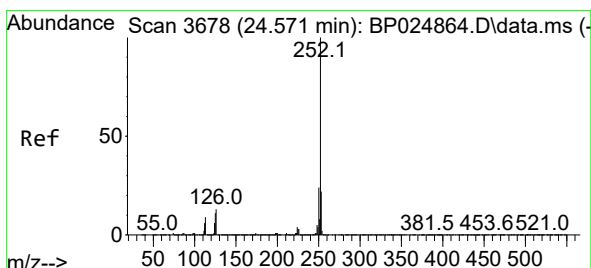
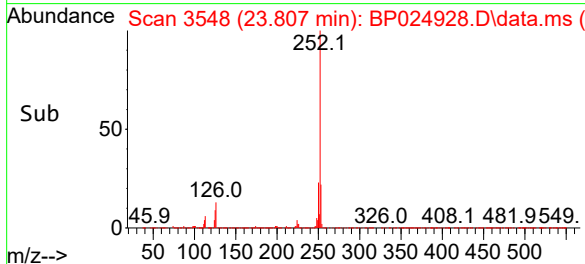
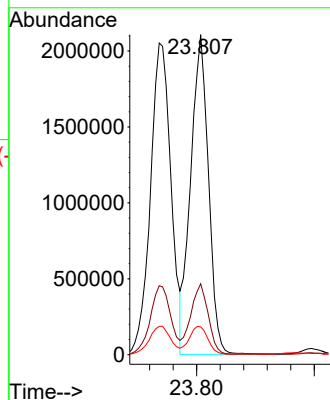
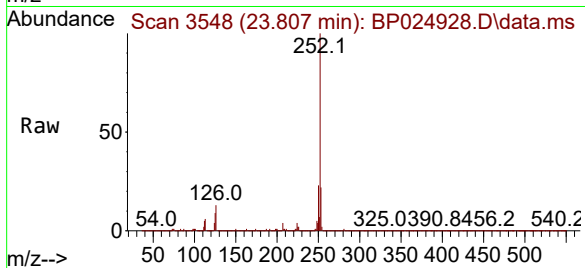
Tgt Ion:252 Resp: 4428209

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.7 7.4 11.0



#90

Benzo(a)pyrene

Concen: 54.950 ng

RT: 24.618 min Scan# 3686

Delta R.T. 0.047 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

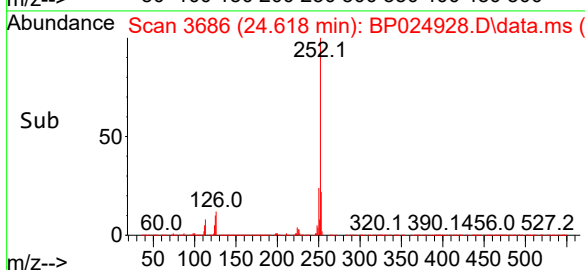
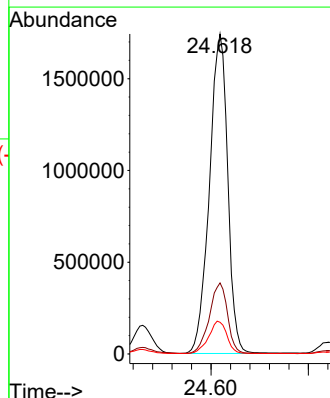
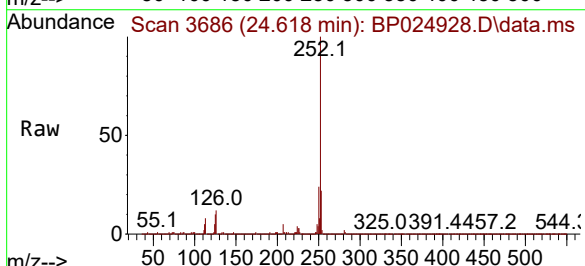
Tgt Ion:252 Resp: 4541530

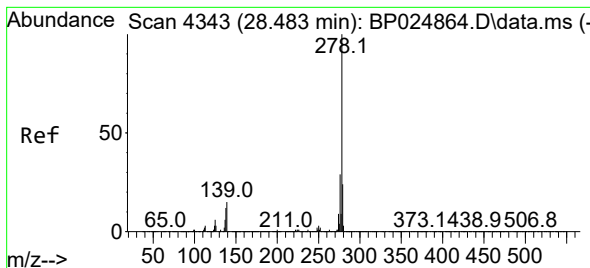
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.934 ng

RT: 28.536 min Scan# 41

Delta R.T. 0.053 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Instrument :

BNA_P

ClientSampleId :

RT-4643MS

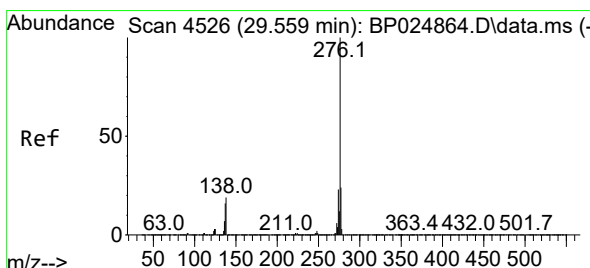
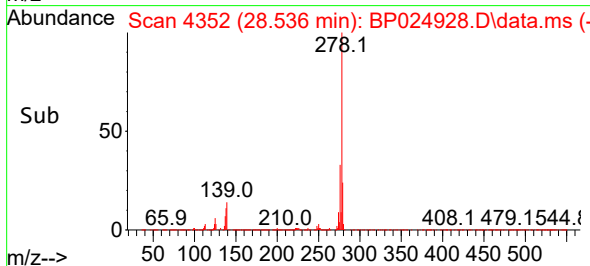
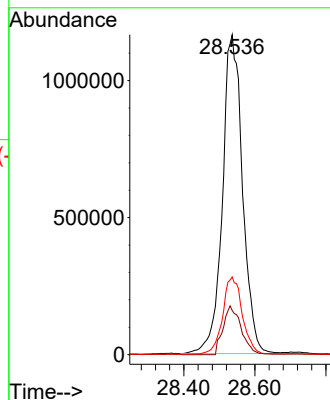
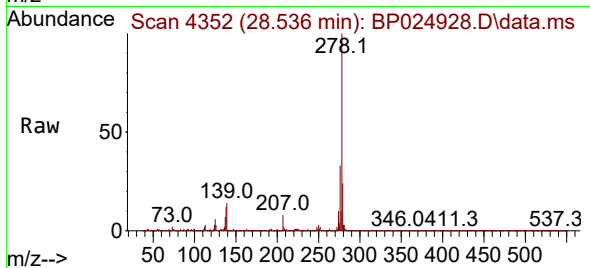
Tgt Ion:278 Resp: 4560987

Ion Ratio Lower Upper

278 100

139 13.8 12.0 18.0

279 24.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 55.863 ng

RT: 29.636 min Scan# 4539

Delta R.T. 0.076 min

Lab File: BP024928.D

Acq: 12 Jun 2025 13:49

Tgt Ion:276 Resp: 4867753

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.0 15.4 23.2

