

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024963.D
 Acq On : 16 Jun 2025 16:23
 Operator : RC/JU
 Sample : Q2312-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

Quant Time: Jun 16 17:01:22 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	7.602	152	272314	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1085634	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	695948	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1346839	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1390230	20.000	ng	0.01
86) Perylene-d12	24.754	264	1626146	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1836800	112.590	ng	0.00
7) Phenol-d6	6.813	99	2375478	110.052	ng	0.00
23) Nitrobenzene-d5	8.760	82	1444789	64.669	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1078100	112.047	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3051262	59.062	ng	0.00
79) Terphenyl-d14	19.789	244	4570609	58.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	291761	40.644	ng	99
3) Pyridine	3.561	79	756109	43.799	ng	100
4) n-Nitrosodimethylamine	3.472	42	327923	46.463	ng	97
6) Aniline	6.949	93	799927	29.039	ng	100
8) 2-Chlorophenol	7.184	128	948211	51.271	ng	99
9) Benzaldehyde	6.761	77	637467	51.237	ng	99
10) Phenol	6.843	94	1152134	51.777	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	837305	47.842	ng	100
12) 1,3-Dichlorobenzene	7.496	146	980440	47.521	ng	99
13) 1,4-Dichlorobenzene	7.643	146	992307	47.668	ng	99
14) 1,2-Dichlorobenzene	7.955	146	948944	46.422	ng	99
15) Benzyl Alcohol	7.860	79	828447	50.009	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.137	45	1074155	46.892	ng	99
17) 2-Methylphenol	8.072	107	781123	50.269	ng	98
18) Hexachloroethane	8.666	117	375116	47.862	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	668731	45.573	ng	99
20) 3+4-Methylphenols	8.402	107	1040612	49.086	ng	96
22) Acetophenone	8.425	105	1321795	48.190	ng	100
24) Nitrobenzene	8.802	77	973447	49.046	ng	100
25) Isophorone	9.325	82	1850877	47.802	ng	100
26) 2-Nitrophenol	9.507	139	513252	52.410	ng	98
27) 2,4-Dimethylphenol	9.584	122	862404	51.456	ng	98
28) bis(2-Chloroethoxy)met...	9.802	93	1120472	48.512	ng	98
29) 2,4-Dichlorophenol	10.054	162	866832	53.903	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	870805	48.009	ng	99
31) Naphthalene	10.431	128	2691659	48.381	ng	100
32) Benzoic acid	9.790	122	655168	57.847	ng	98
33) 4-Chloroaniline	10.554	127	526000	22.567	ng	99
34) Hexachlorobutadiene	10.707	225	533779	48.827	ng	98
35) Caprolactam	11.366	113	310692	52.486	ng	91
36) 4-Chloro-3-methylphenol	11.707	107	968675	52.223	ng	99
37) 2-Methylnaphthalene	12.043	142	1718466	48.695	ng	100
38) 1-Methylnaphthalene	12.266	142	1813619	48.069	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	971099	49.175	ng	99
41) Hexachlorocyclopentadiene	12.396	237	1073207	89.100	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	702091	52.940	ng	99

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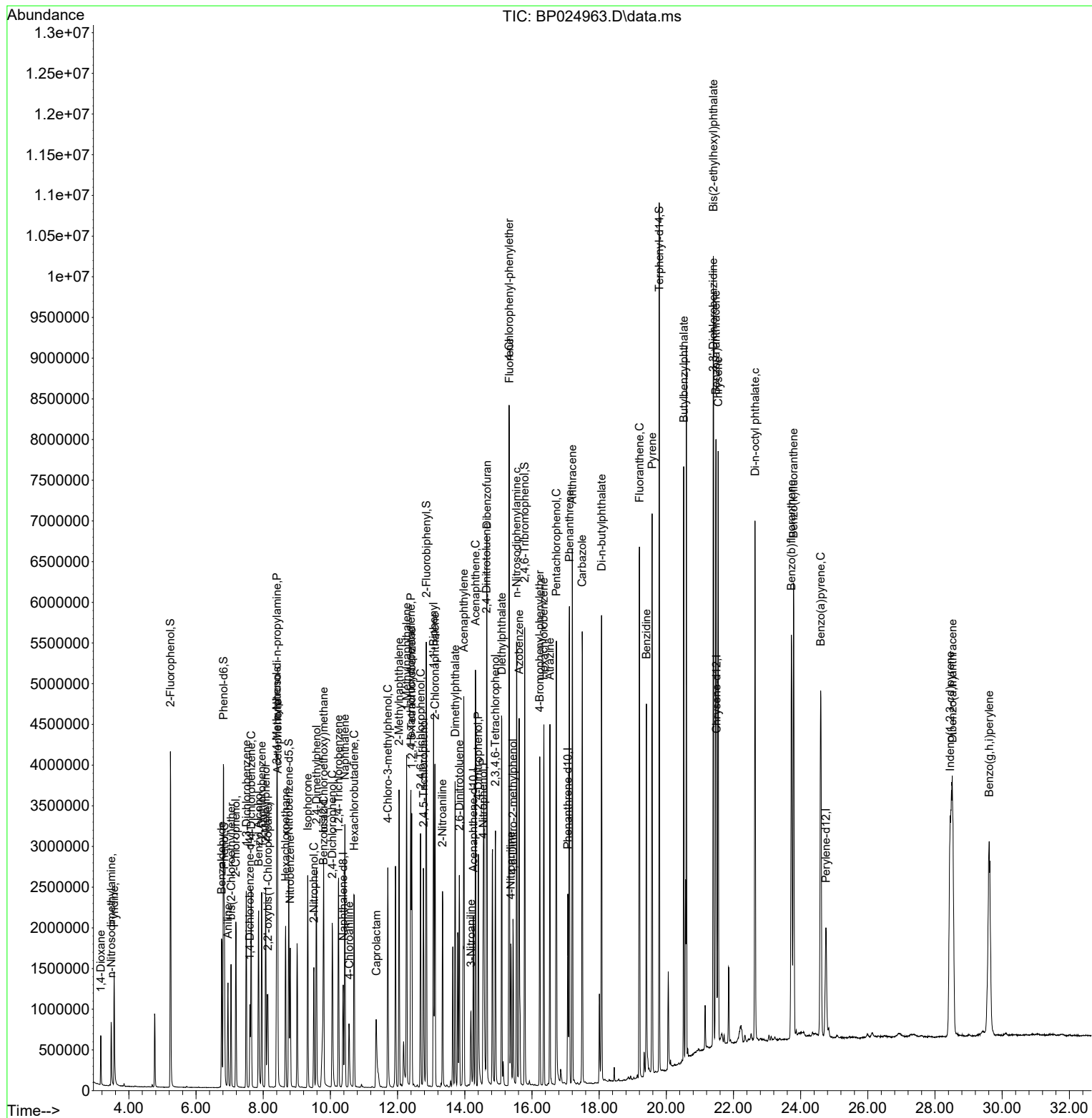
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44) 2,4,5-Trichlorophenol	12.772	196	769528	54.181	ng	98
46) 1,1'-Biphenyl	13.072	154	2449996	48.442	ng	100
47) 2-Chloronaphthalene	13.113	162	1887855	48.566	ng	99
48) 2-Nitroaniline	13.337	65	617011	51.630	ng	97
49) Acenaphthylene	13.972	152	3137588	48.409	ng	100
50) Dimethylphthalate	13.713	163	2512564	48.941	ng	100
51) 2,6-Dinitrotoluene	13.837	165	559314	50.536	ng	100
52) Acenaphthene	14.319	154	1795262	48.337	ng	98
53) 3-Nitroaniline	14.184	138	301675	26.266	ng	98
54) 2,4-Dinitrophenol	14.401	184	748308	102.177	ng	96
55) Dibenzofuran	14.660	168	2852343	47.844	ng	99
56) 4-Nitrophenol	14.548	139	915210	93.169	ng	99
57) 2,4-Dinitrotoluene	14.648	165	793121	51.229	ng	97
58) Fluorene	15.325	166	2360266	49.009	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	660501	52.049	ng	99
60) Diethylphthalate	15.101	149	2614655	51.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1165372	49.489	ng	97
62) 4-Nitroaniline	15.372	138	536968	51.562	ng	93
63) Azobenzene	15.619	77	2589119	55.175	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	475839	53.767	ng	97
66) n-Nitrosodiphenylamine	15.542	169	2102098	50.355	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	768090	50.543	ng	99
68) Hexachlorobenzene	16.354	284	925196	50.220	ng	97
69) Atrazine	16.536	200	801882	52.987	ng	100
70) Pentachlorophenol	16.725	266	1155008	121.137	ng	99
71) Phenanthrene	17.113	178	3691999	49.605	ng	100
72) Anthracene	17.201	178	3760749	49.891	ng	99
73) Carbazole	17.495	167	3552534	50.846	ng	100
74) Di-n-butylphthalate	18.072	149	4703006	54.328	ng	100
75) Fluoranthene	19.201	202	4268965	49.486	ng	100
77) Benzidine	19.407	184	2487864	57.780	ng	100
78) Pyrene	19.577	202	4356226	50.156	ng	99
80) Butylbenzylphthalate	20.519	149	2141758	53.835	ng	97
81) Benzo(a)anthracene	21.477	228	4352022	48.945	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1074018	30.425	ng	99
83) Chrysene	21.542	228	4098028	48.641	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	3185295	55.882	ng	100
85) Di-n-octyl phthalate	22.642	149	5456819	54.313	ng	99
87) Indeno(1,2,3-cd)pyrene	28.453	276	6084448	51.282	ng	99
88) Benzo(b)fluoranthene	23.724	252	4693639	50.434	ng	99
89) Benzo(k)fluoranthene	23.789	252	4592266	48.477	ng	99
90) Benzo(a)pyrene	24.595	252	4617069	50.801	ng	100
91) Dibenzo(a,h)anthracene	28.518	278	4996119	51.733	ng	100
92) Benzo(g,h,i)perylene	29.612	276	4863170	50.752	ng	98

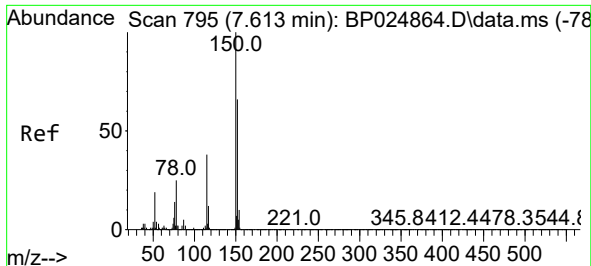
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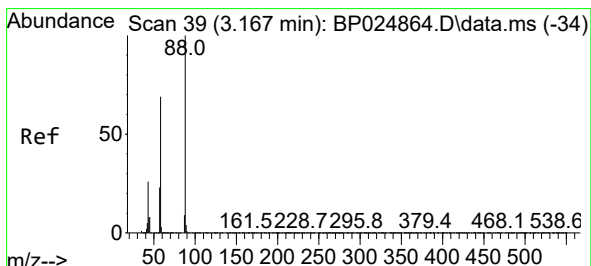
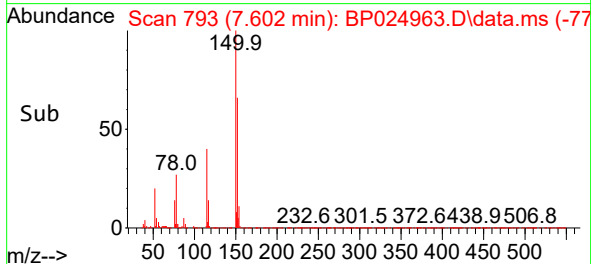
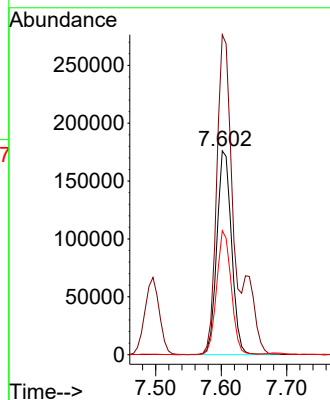
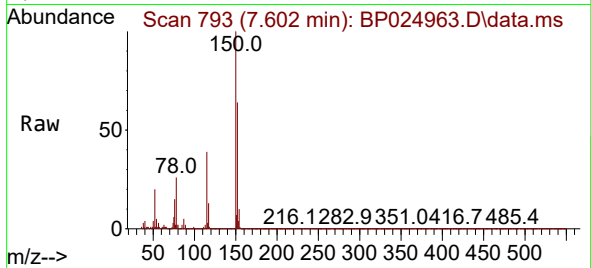




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

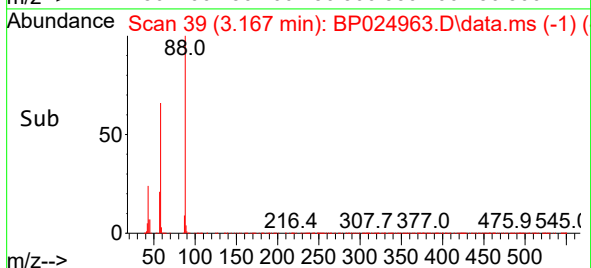
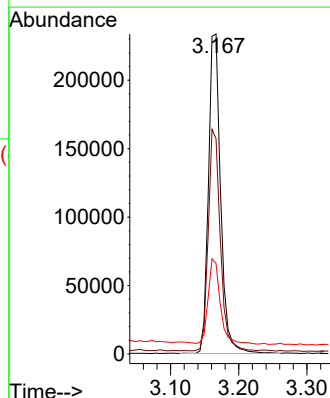
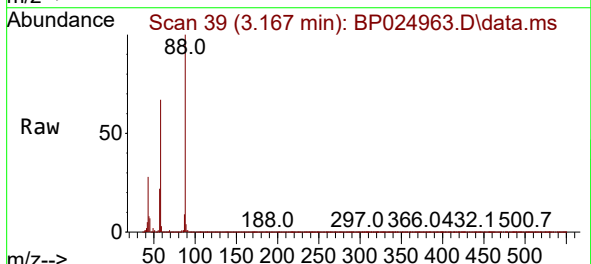
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BNA_P
ClientSampleId :
TP-1MSD

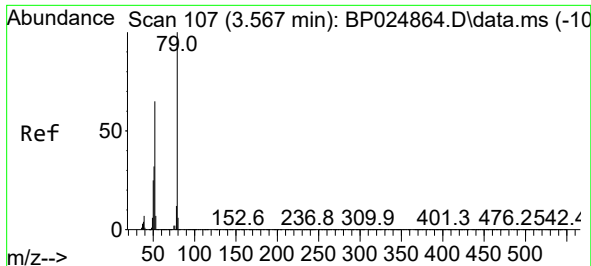
Tgt Ion:152 Resp: 272314
Ion Ratio Lower Upper
152 100
150 156.9 122.1 183.1
115 60.8 46.4 69.6



#2
1,4-Dioxane
Concen: 40.644 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 88 Resp: 291761
Ion Ratio Lower Upper
88 100
58 68.2 55.4 83.0
43 27.0 20.8 31.2

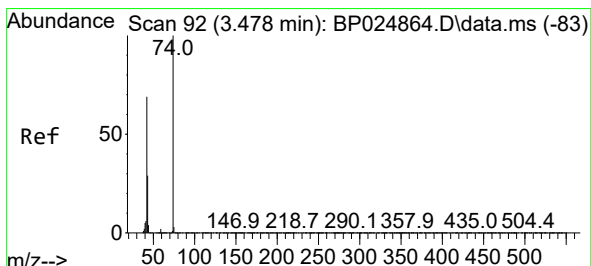
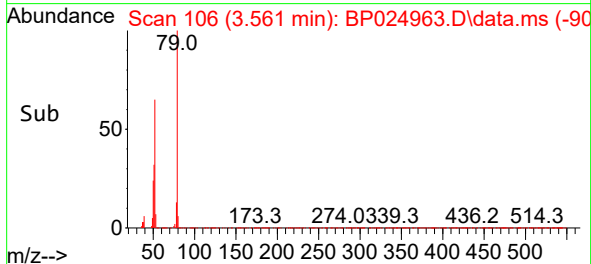
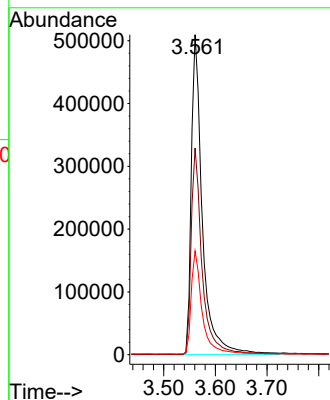
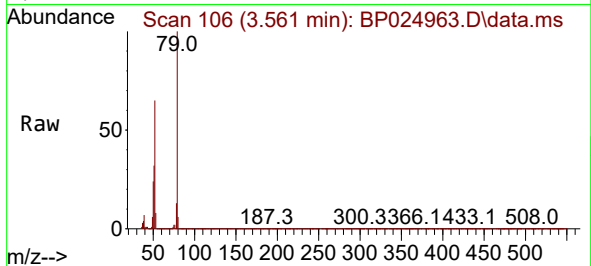




#3
 Pyridine
 Concen: 43.799 ng
 RT: 3.561 min Scan# 107
 Delta R.T. -0.006 min
 Lab File: BP024963.D
 Acq: 16 Jun 2025 16:23

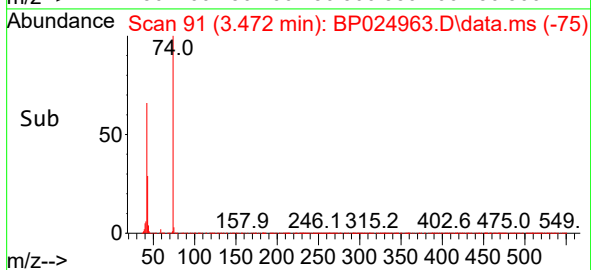
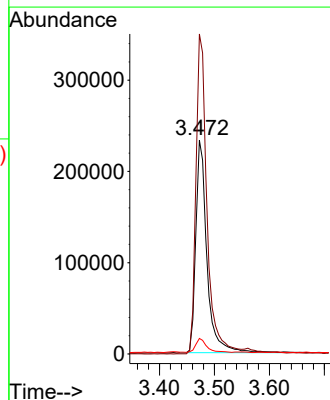
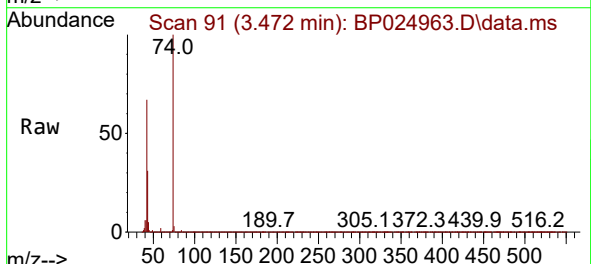
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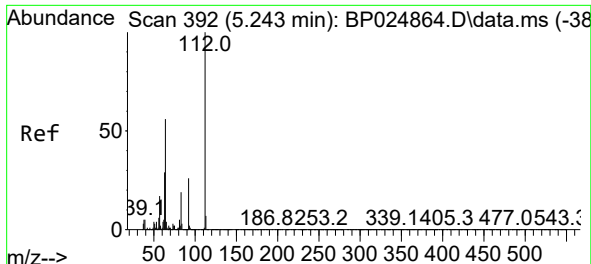
Tgt Ion: 79 Resp: 756109
 Ion Ratio Lower Upper
 79 100
 52 64.5 51.6 77.4
 51 32.4 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 46.463 ng
 RT: 3.472 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024963.D
 Acq: 16 Jun 2025 16:23

Tgt Ion: 42 Resp: 327923
 Ion Ratio Lower Upper
 42 100
 74 149.7 116.6 174.8
 44 7.3 5.4 8.0

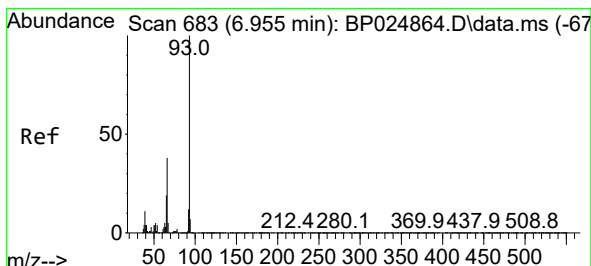
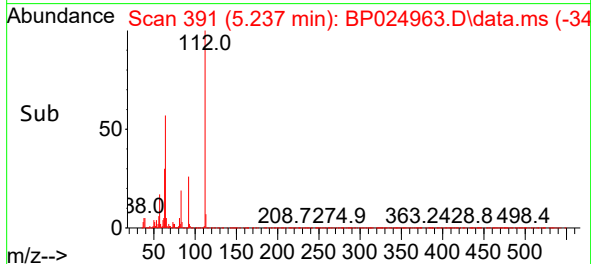
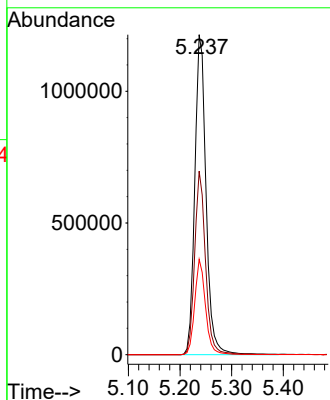
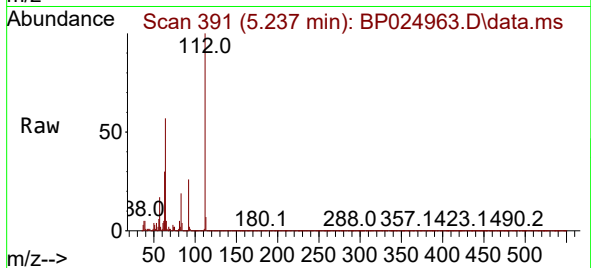




#5
2-Fluorophenol
Concen: 112.590 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

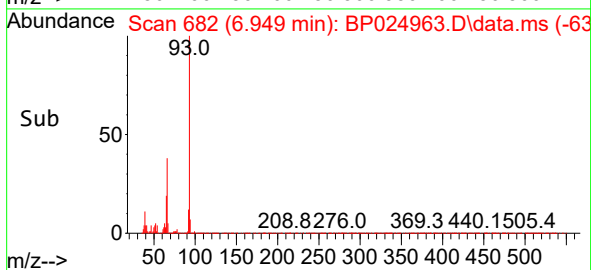
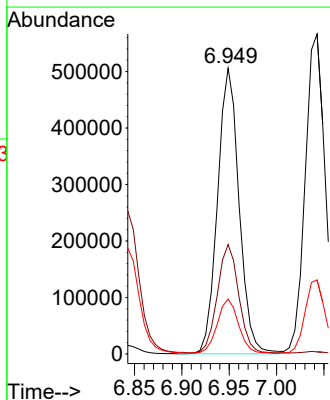
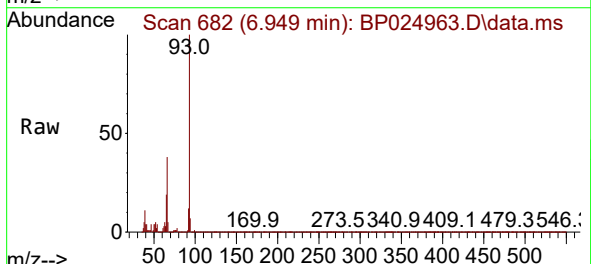
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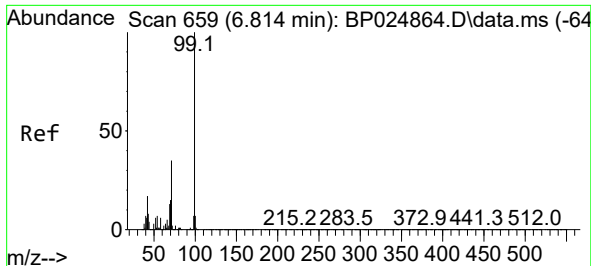
Tgt Ion:112 Resp: 1836800
Ion Ratio Lower Upper
112 100
64 57.3 44.7 67.1
63 29.8 23.5 35.3



#6
Aniline
Concen: 29.039 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 93 Resp: 799927
Ion Ratio Lower Upper
93 100
66 38.3 30.9 46.3
65 19.2 15.5 23.3

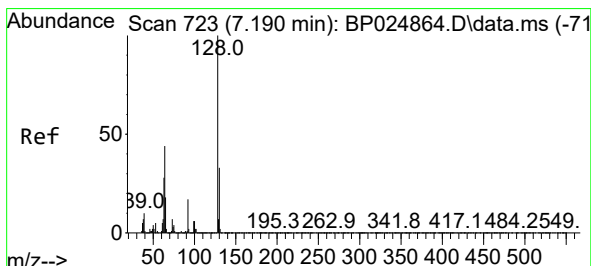
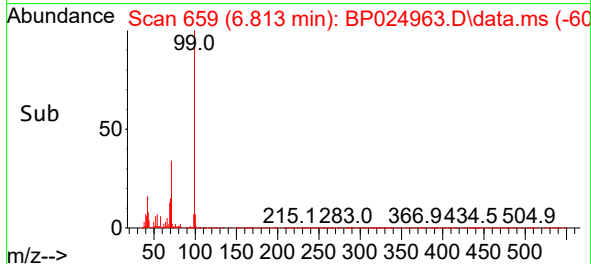
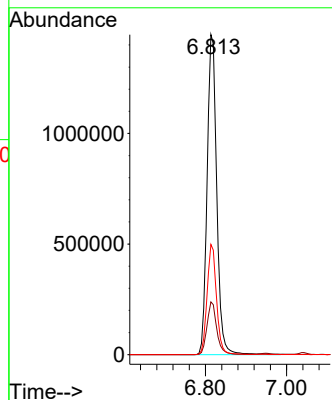
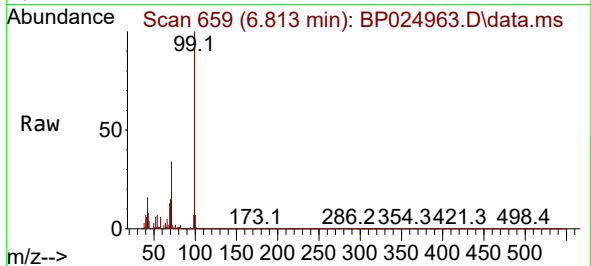




#7
Phenol-d6
Concen: 110.052 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024963.D
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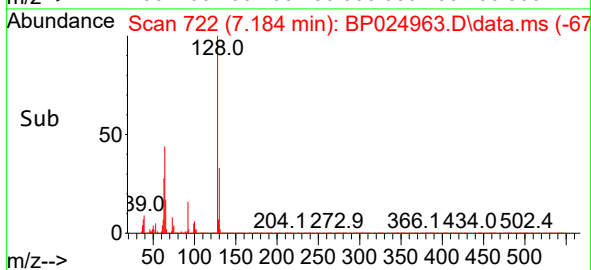
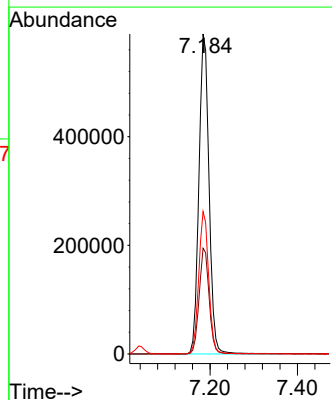
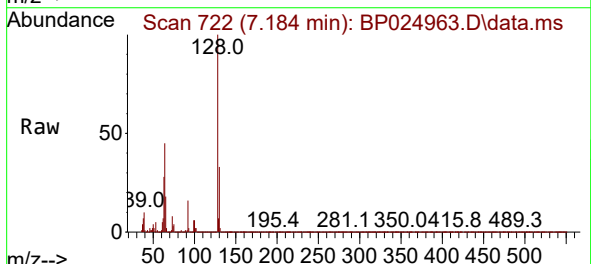
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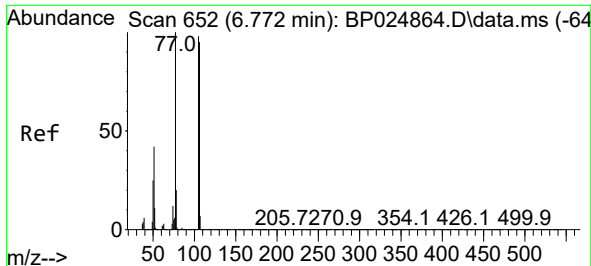
Tgt Ion: 99 Resp: 2375478
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.4 27.6 41.4



#8
2-Chlorophenol
Concen: 51.271 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:128 Resp: 948211
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 44.5 24.1 64.1

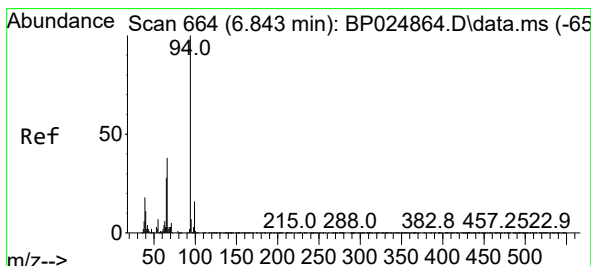
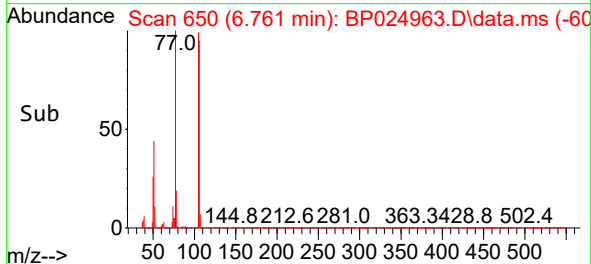
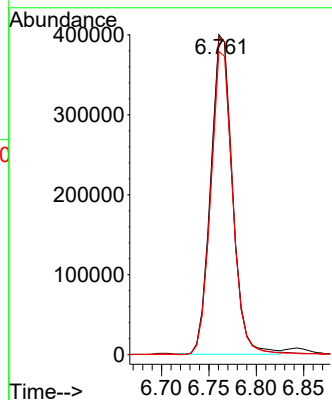
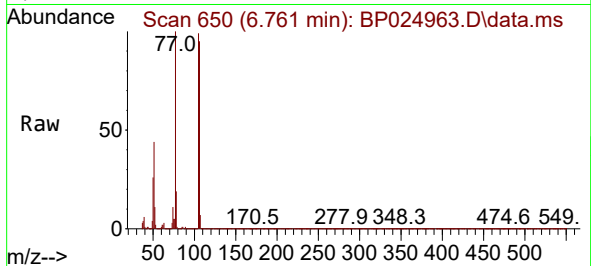




#9
Benzaldehyde
Concen: 51.237 ng
RT: 6.761 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

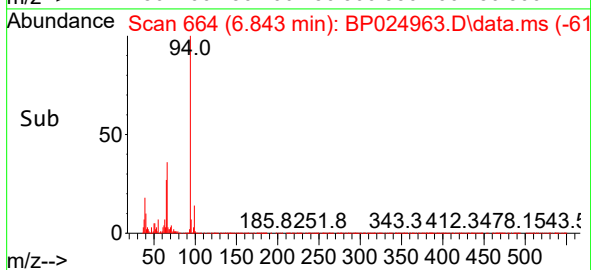
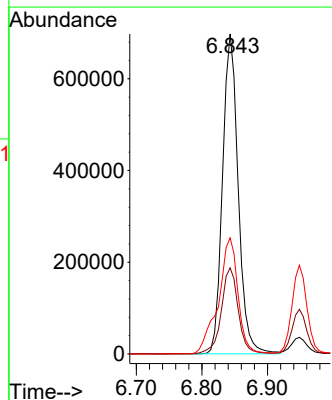
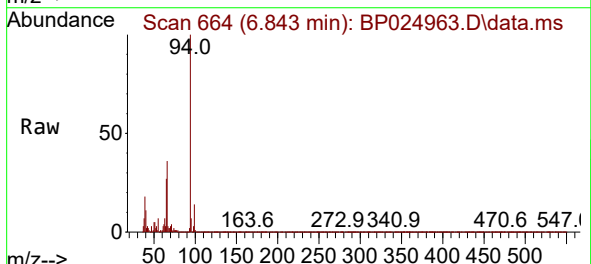
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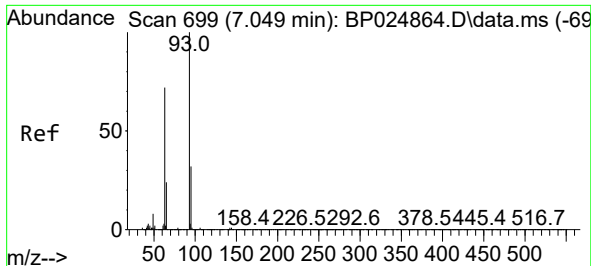
Tgt Ion: 77 Resp: 637467
Ion Ratio Lower Upper
77 100
105 99.3 77.7 117.7
106 94.8 74.8 114.8



#10
Phenol
Concen: 51.777 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 94 Resp: 1152134
Ion Ratio Lower Upper
94 100
65 26.9 8.3 48.3
66 36.3 18.2 58.2

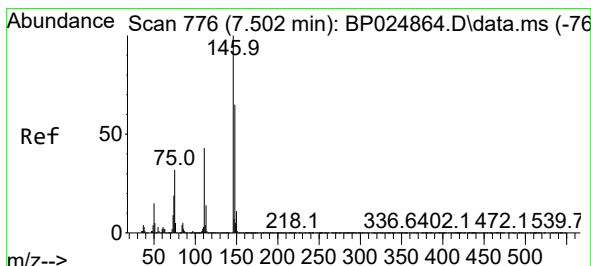
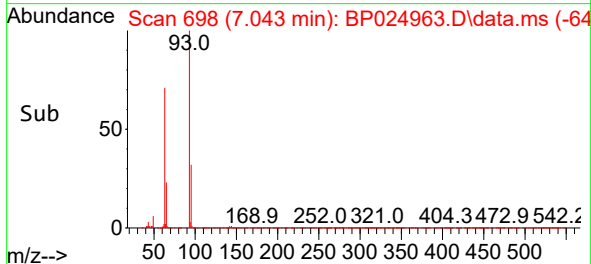
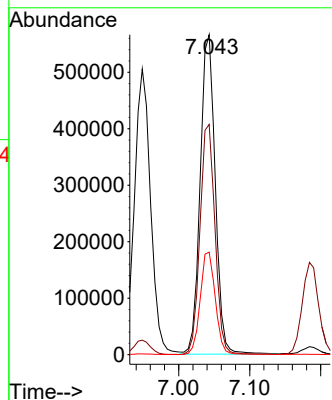
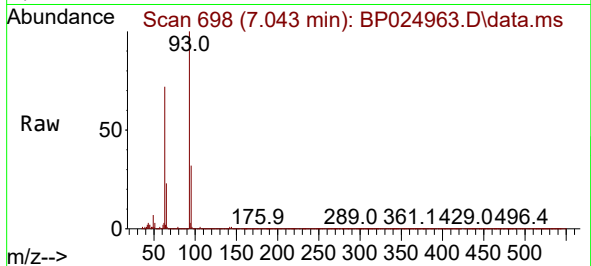




#11
bis(2-Chloroethyl)ether
Concen: 47.842 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

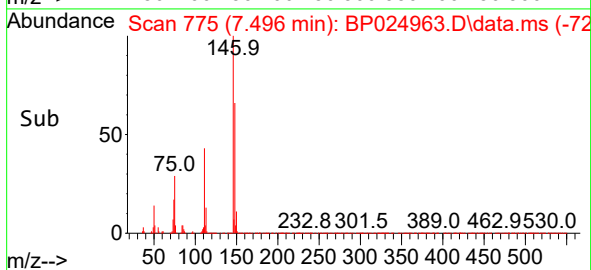
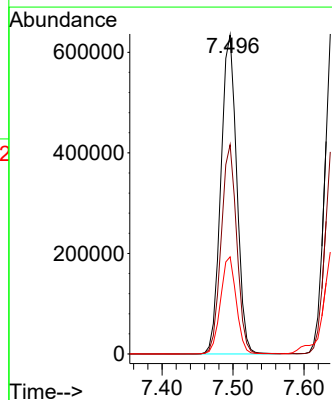
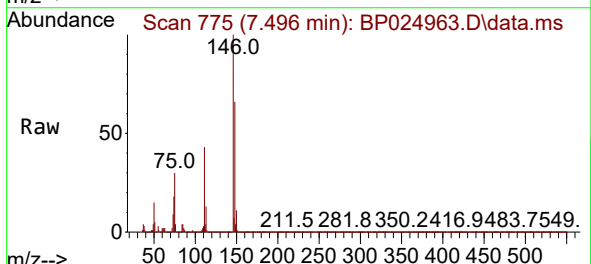
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

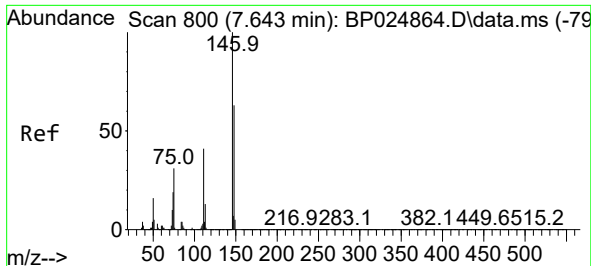
Tgt Ion: 93 Resp: 837305
Ion Ratio Lower Upper
93 100
63 72.0 51.6 91.6
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 47.521 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 146 Resp: 980440
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 30.5 25.3 37.9

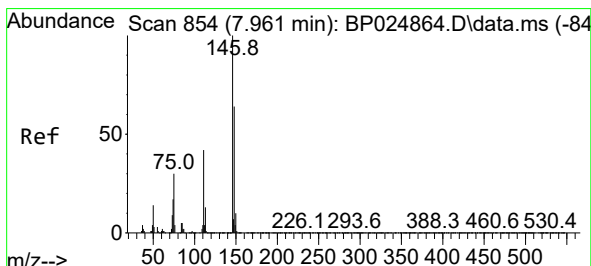
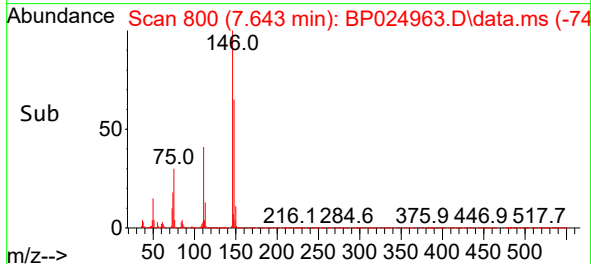
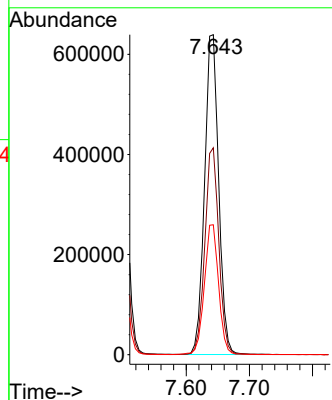
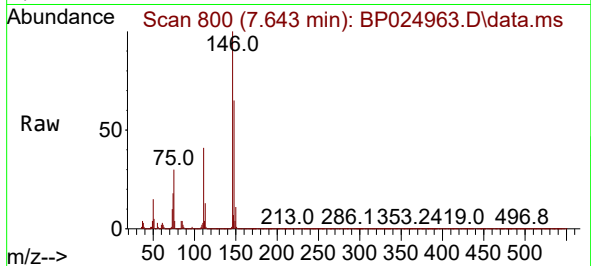




#13
1,4-Dichlorobenzene
Concen: 47.668 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

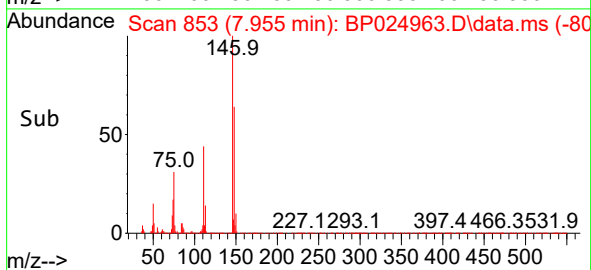
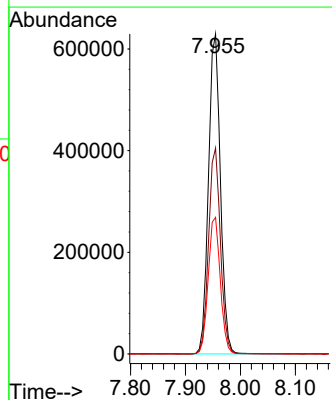
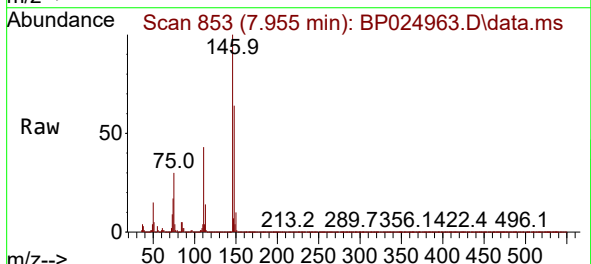
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

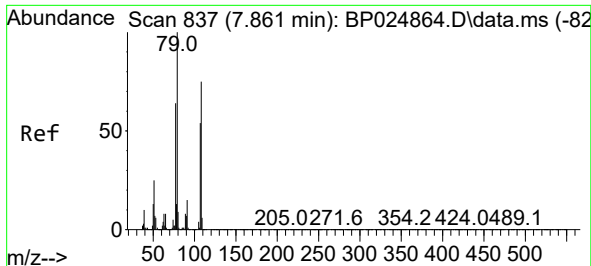
Tgt Ion:146 Resp: 992307
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 40.6 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 46.422 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:146 Resp: 948944
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 42.7 33.8 50.8

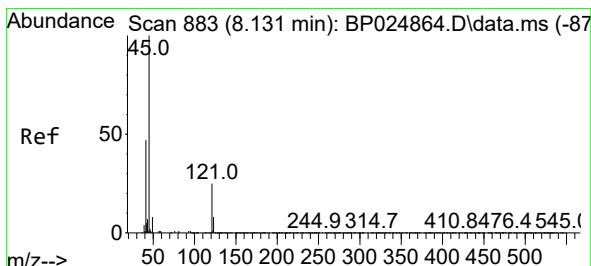
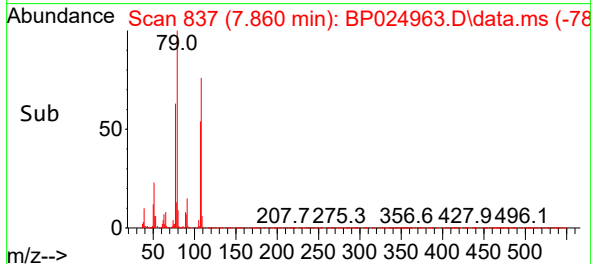
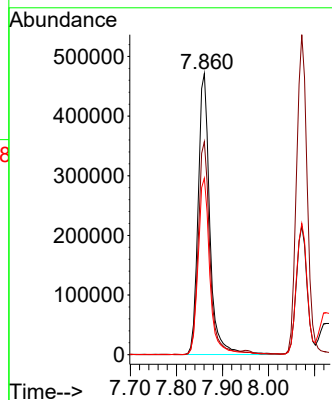
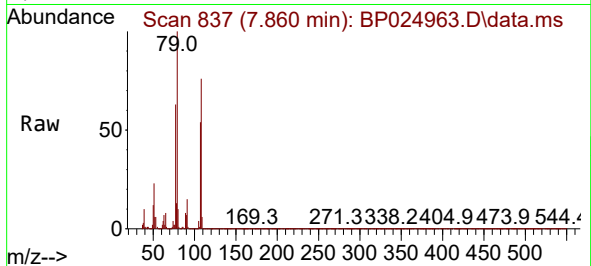




#15
Benzyl Alcohol
Concen: 50.009 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

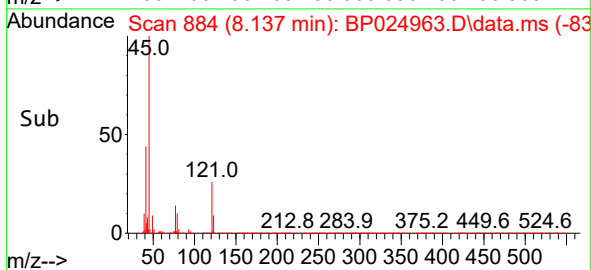
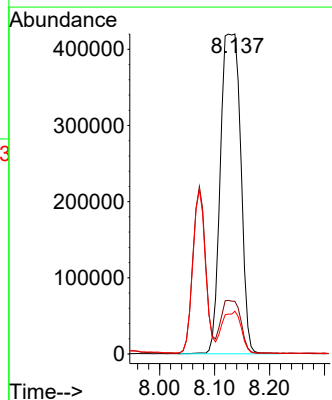
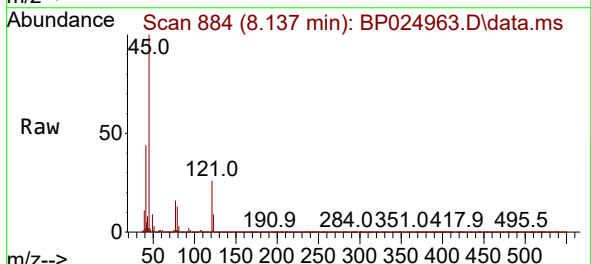
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

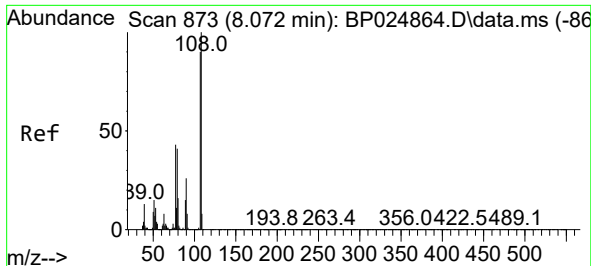
Tgt Ion: 79 Resp: 828447
Ion Ratio Lower Upper
79 100
108 75.7 60.2 90.4
77 62.8 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.892 ng
RT: 8.137 min Scan# 884
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 45 Resp: 1074155
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.3
79 13.4 0.0 32.2

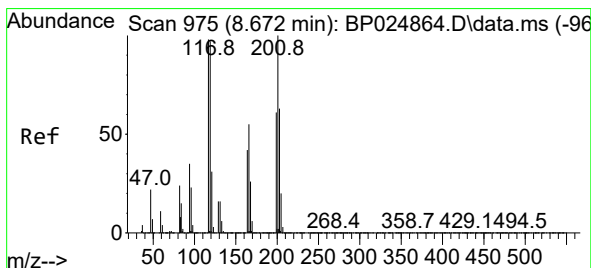
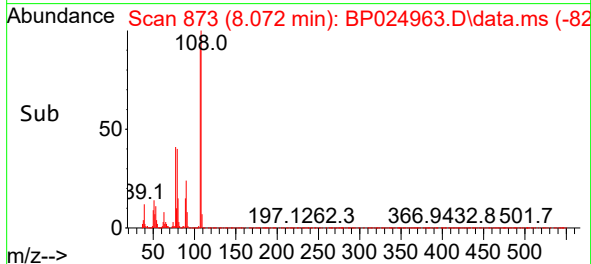
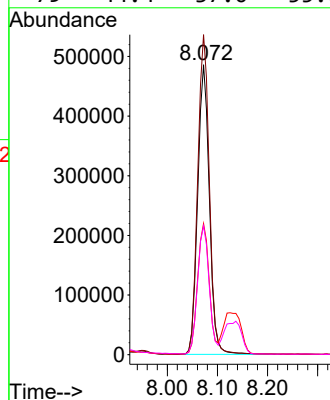
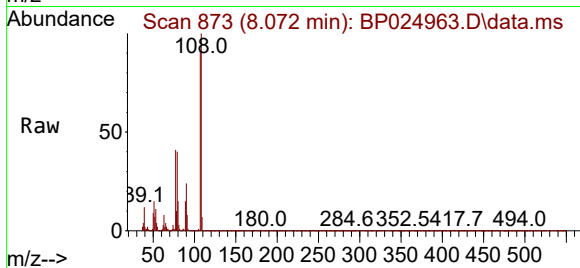




#17
2-Methylphenol
Concen: 50.269 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

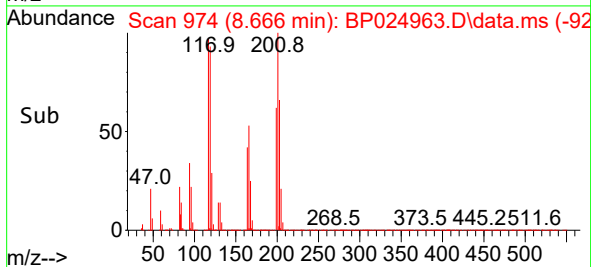
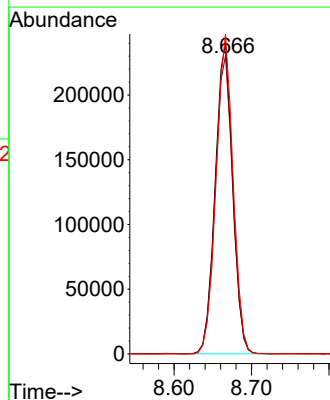
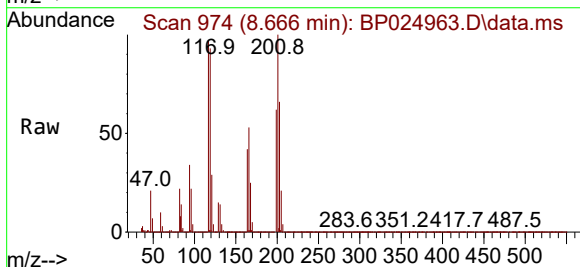
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

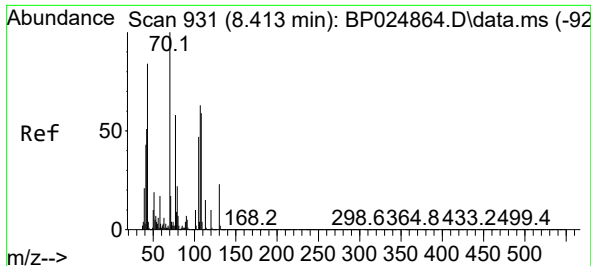
Tgt Ion:	107	Resp:	781123
Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.6	132.8
77	45.2	38.5	57.7
79	44.4	37.0	55.6



#18
Hexachloroethane
Concen: 47.862 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:	117	Resp:	375116
Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.4	119.2
201	103.0	81.4	122.2

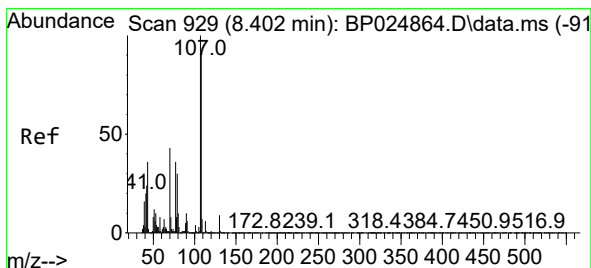
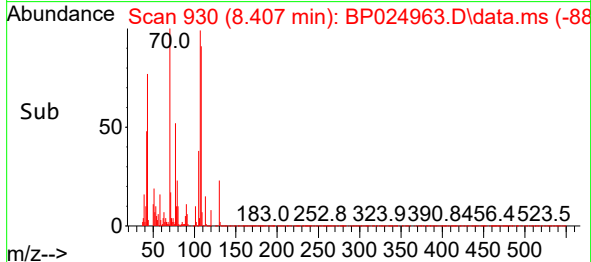
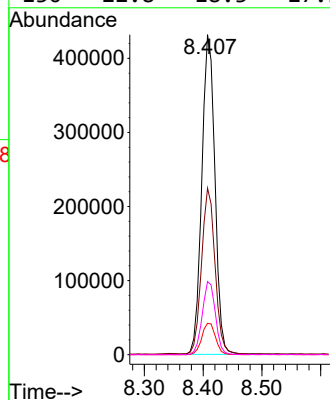
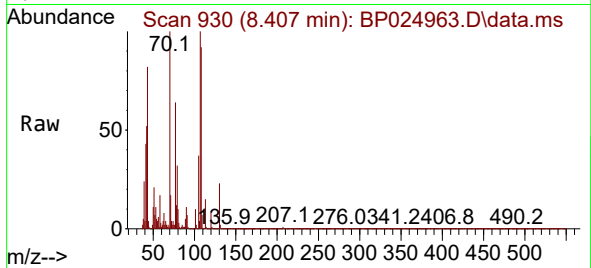




#19
n-Nitroso-di-n-propylamine
Concen: 45.573 ng
RT: 8.407 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

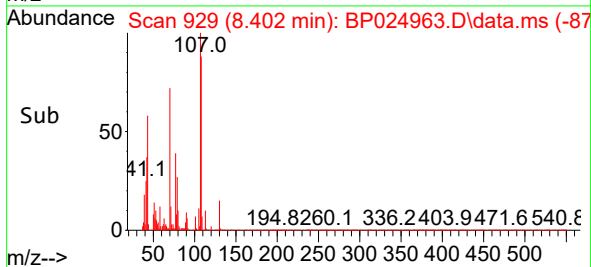
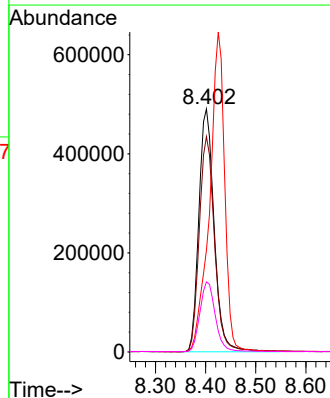
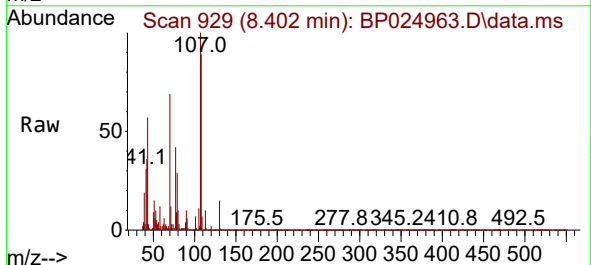
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

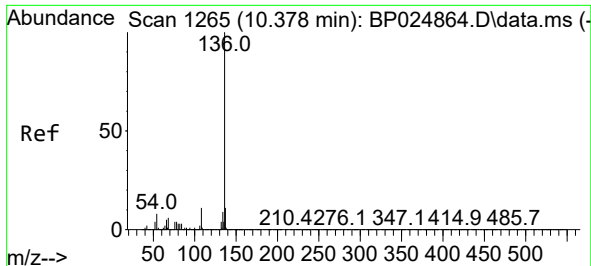
Tgt Ion: 70 Resp: 668731
Ion Ratio Lower Upper
70 100
42 52.1 41.2 61.8
101 9.8 8.3 12.5
130 22.8 18.3 27.5



#20
3+4-Methylphenols
Concen: 49.086 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 107 Resp: 1040612
Ion Ratio Lower Upper
107 100
108 88.6 70.7 110.7
77 41.9 16.6 56.6
79 28.9 10.0 50.0

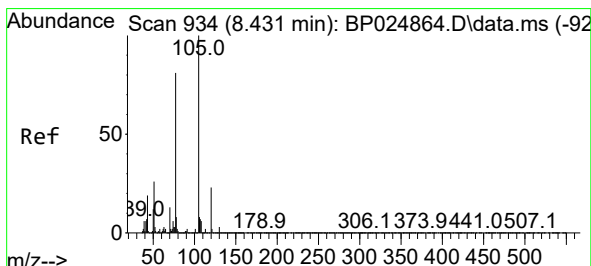
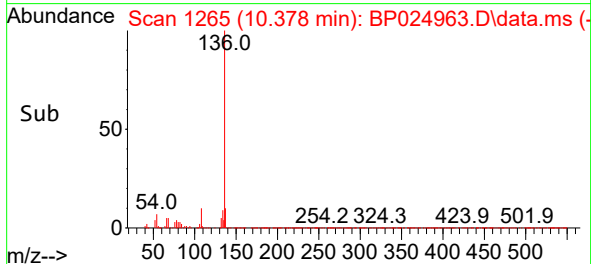
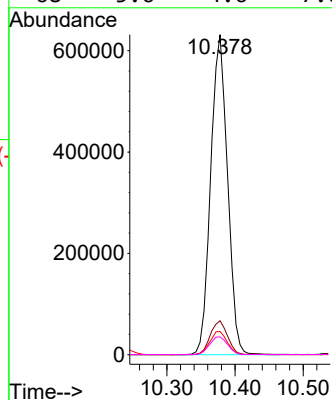
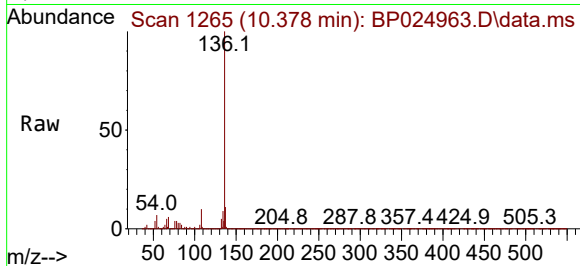




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

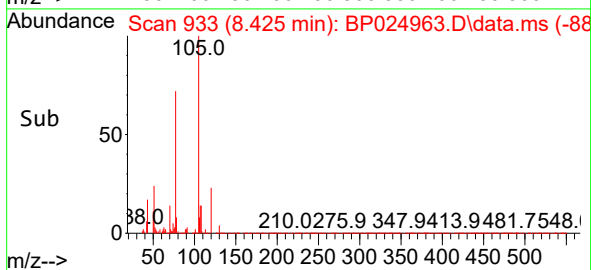
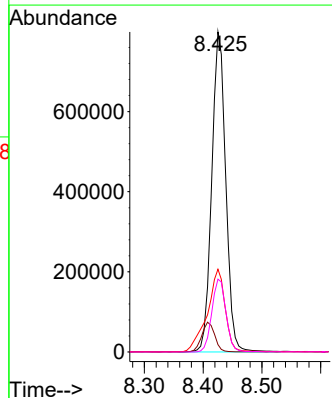
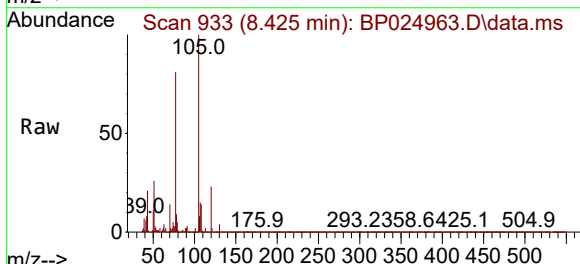
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

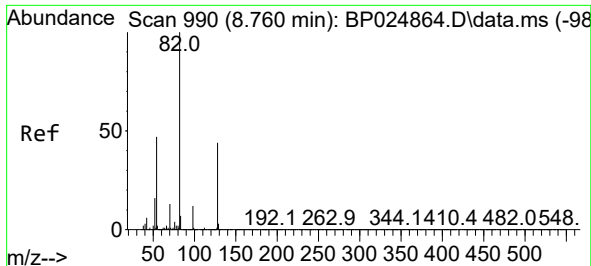
Tgt Ion:136 Resp: 1085634
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 6.1 9.1
68 5.6 4.6 7.0



#22
Acetophenone
Concen: 48.190 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:105 Resp: 1321795
Ion Ratio Lower Upper
105 100
71 2.3 1.6 2.4
51 25.9 20.6 31.0
120 22.8 18.2 27.4

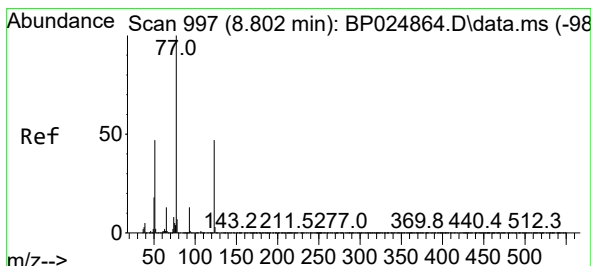
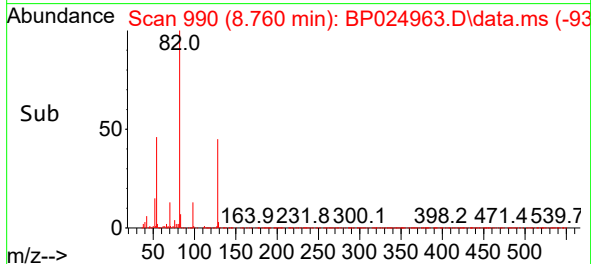
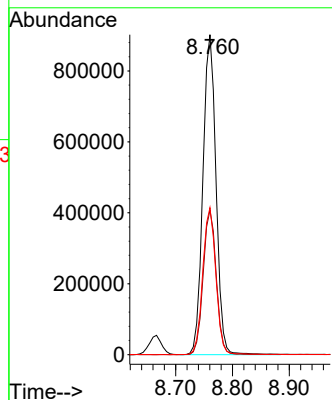
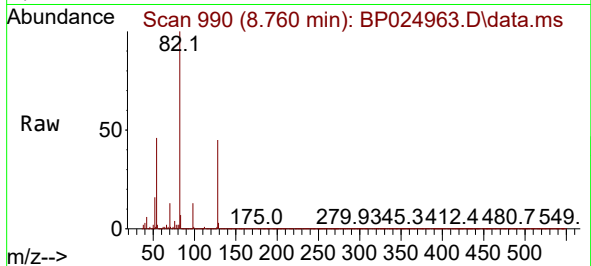




#23
Nitrobenzene-d5
Concen: 64.669 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

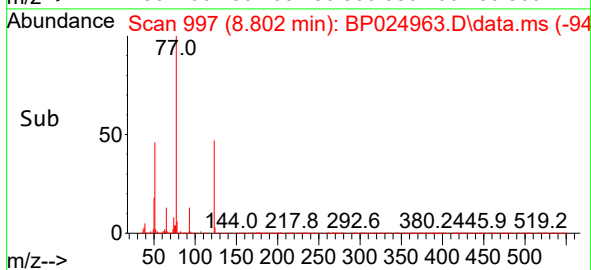
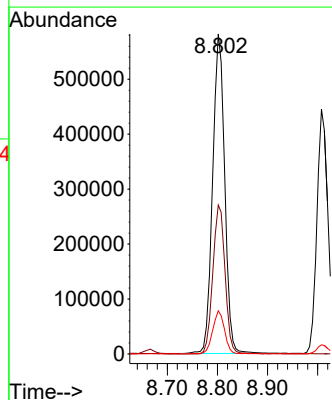
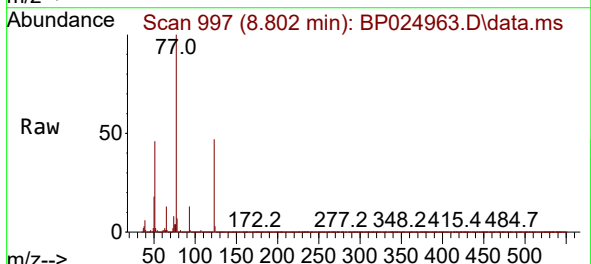
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

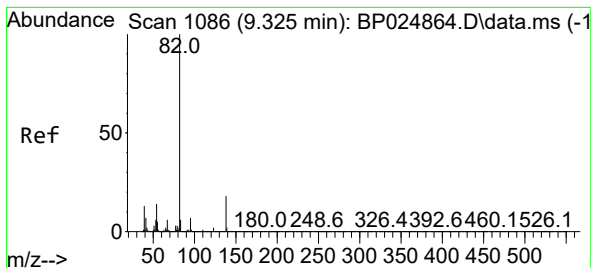
Tgt Ion: 82 Resp: 1444789
Ion Ratio Lower Upper
82 100
128 45.2 35.3 52.9
54 46.0 37.4 56.0



#24
Nitrobenzene
Concen: 49.046 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 77 Resp: 973447
Ion Ratio Lower Upper
77 100
123 46.6 37.3 55.9
65 13.5 10.8 16.2





#25

Isophorone

Concen: 47.802 ng

RT: 9.325 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

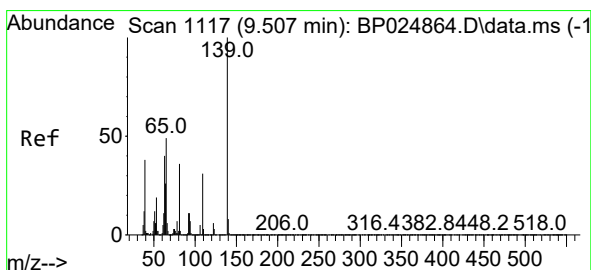
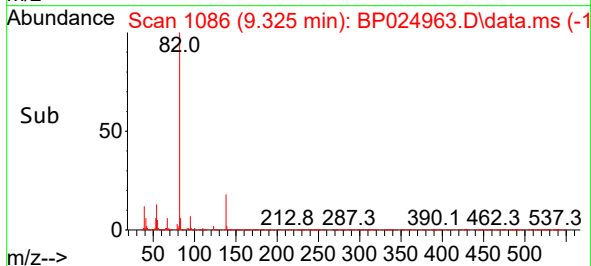
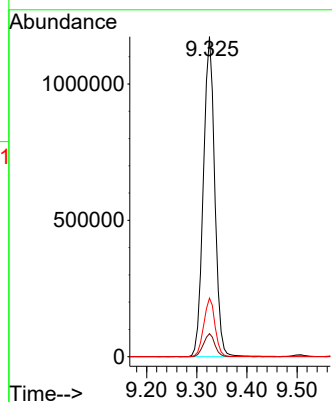
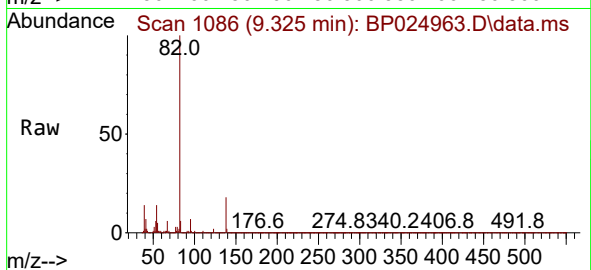
BNA_P

ClientSampleId :

TP-1MSD

Tgt Ion: 82 Resp: 1850877

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.9	8.9
138	18.3	14.6	21.8



#26

2-Nitrophenol

Concen: 52.410 ng

RT: 9.507 min Scan# 1117

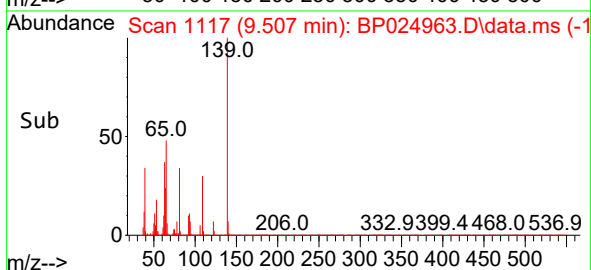
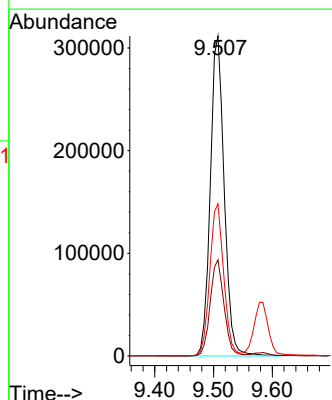
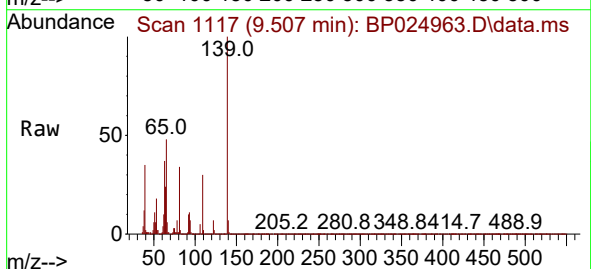
Delta R.T. -0.000 min

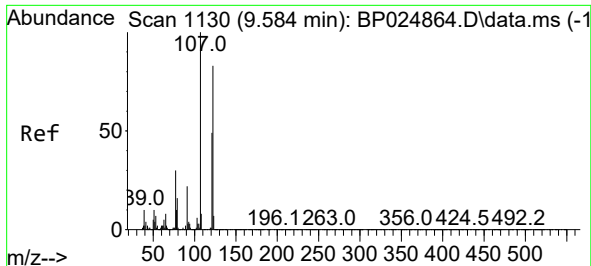
Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Tgt Ion:139 Resp: 513252

Ion	Ratio	Lower	Upper
139	100		
109	30.0	24.6	37.0
65	47.6	39.5	59.3

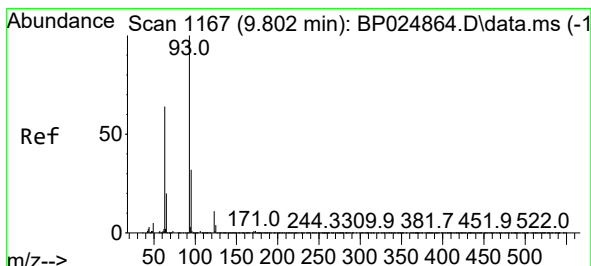
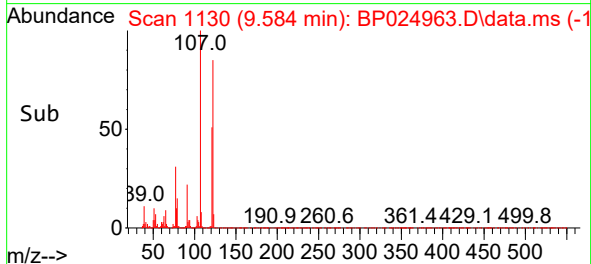
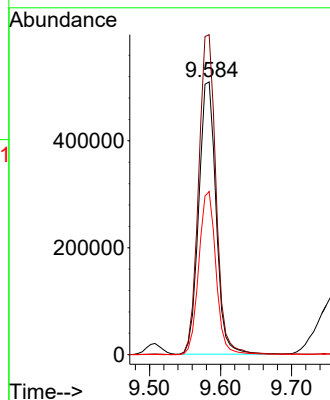
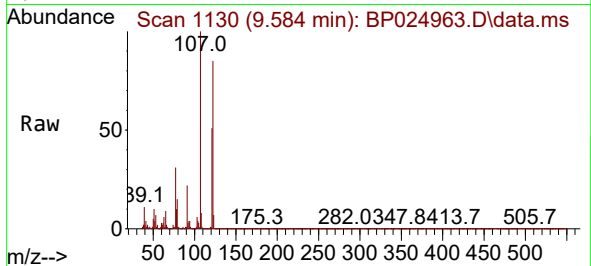




#27
2,4-Dimethylphenol
Concen: 51.456 ng
RT: 9.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

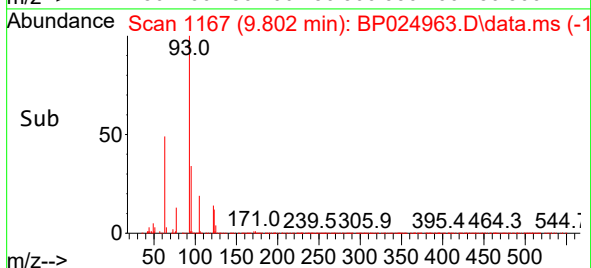
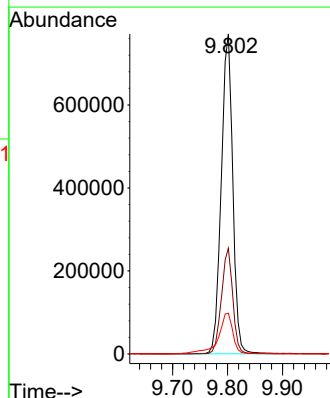
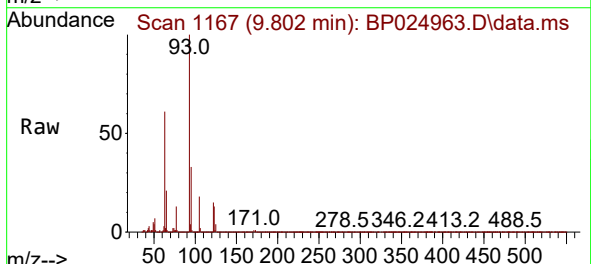
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

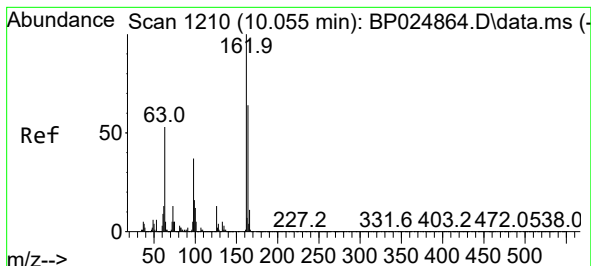
Tgt Ion:122 Resp: 862404
Ion Ratio Lower Upper
122 100
107 117.3 96.2 144.4
121 59.9 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.512 ng
RT: 9.802 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 93 Resp: 1120472
Ion Ratio Lower Upper
93 100
95 33.1 25.5 38.3
123 12.8 9.2 13.8

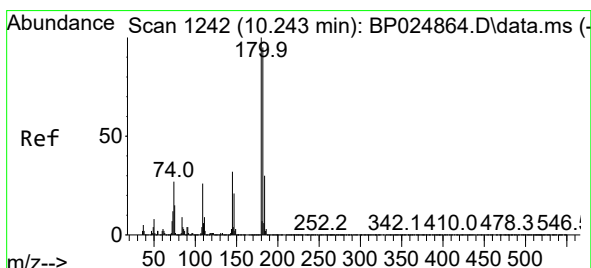
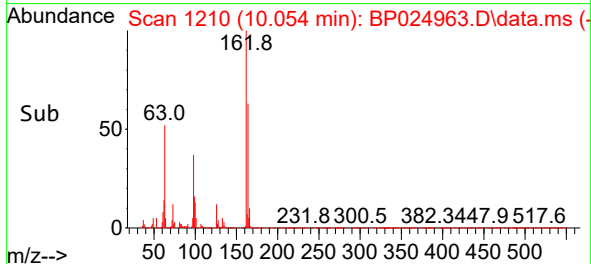
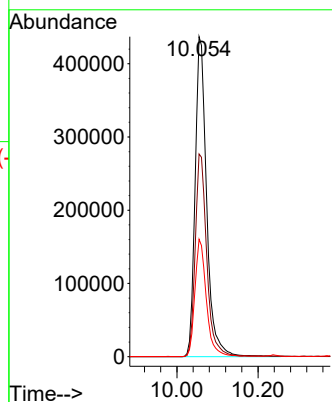
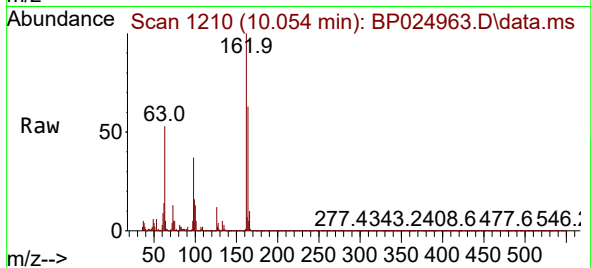




#29
2,4-Dichlorophenol
Concen: 53.903 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

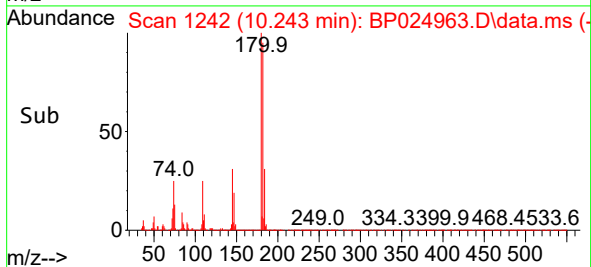
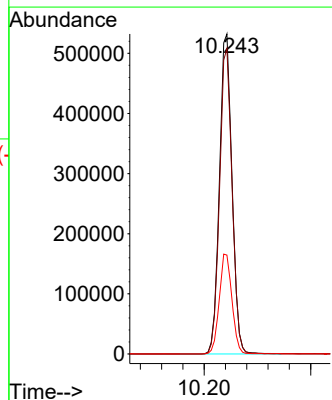
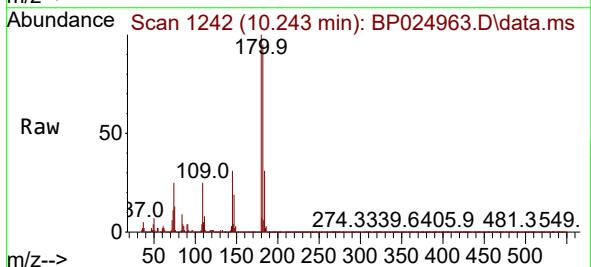
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

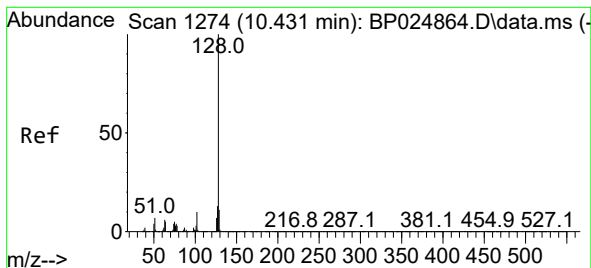
Tgt Ion:162 Resp: 866832
Ion Ratio Lower Upper
162 100
164 63.4 44.0 84.0
98 36.7 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 48.009 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:180 Resp: 870805
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 30.9 25.7 38.5





#31

Naphthalene

Concen: 48.381 ng

RT: 10.431 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

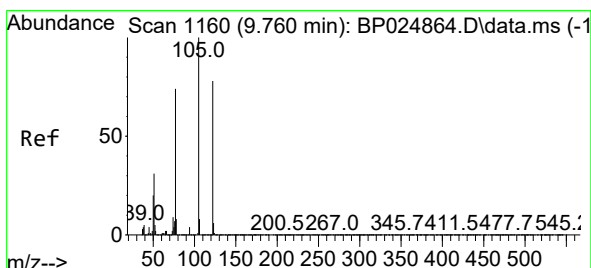
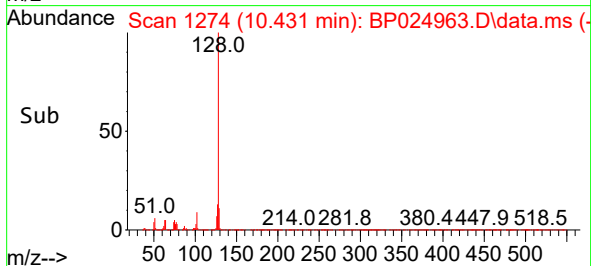
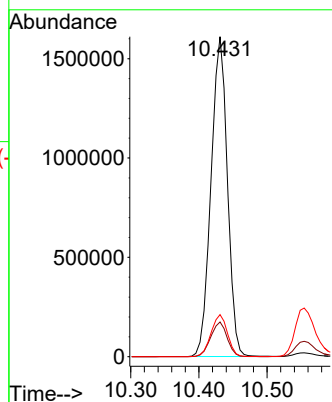
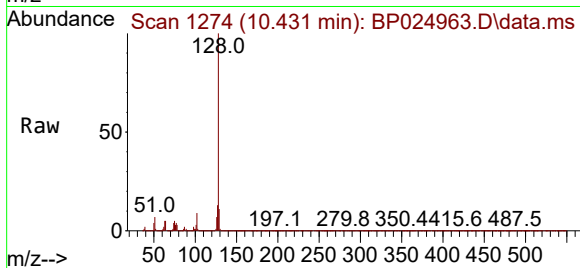
Tgt Ion:128 Resp: 2691659

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 57.847 ng

RT: 9.790 min Scan# 1165

Delta R.T. 0.029 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

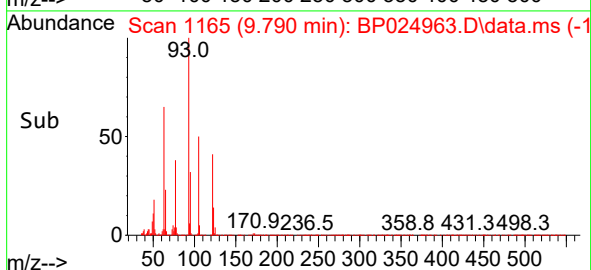
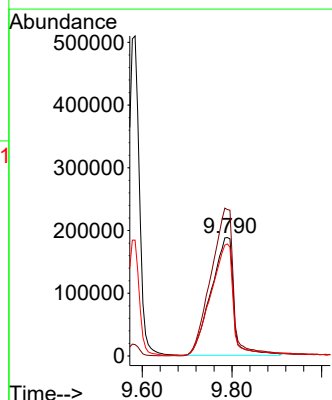
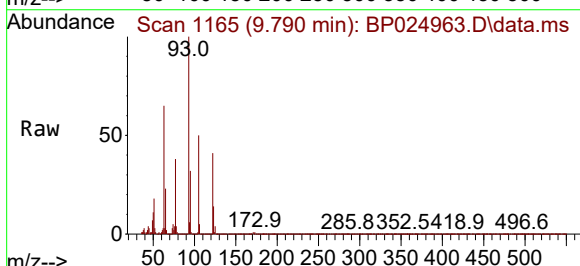
Tgt Ion:122 Resp: 655168

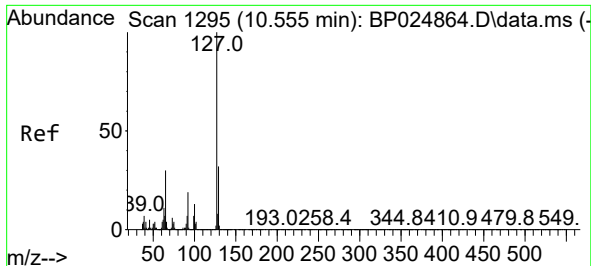
Ion Ratio Lower Upper

122 100

105 123.6 107.1 147.1

77 94.6 75.1 115.1

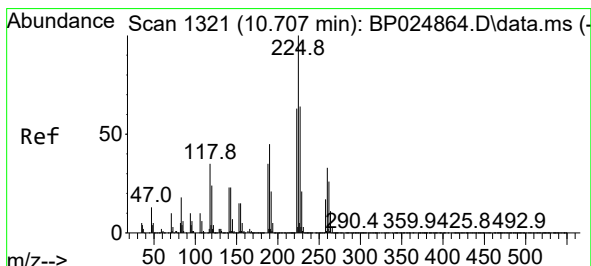
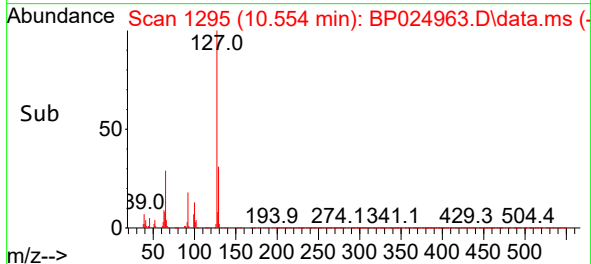
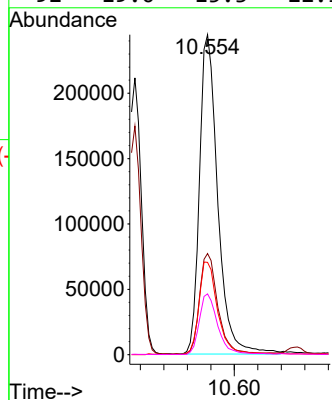
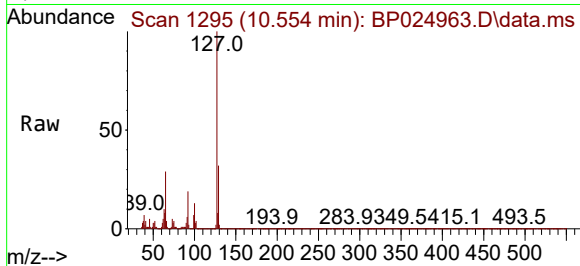




#33
4-Chloroaniline
Concen: 22.567 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

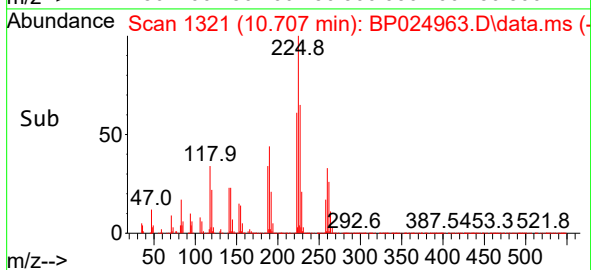
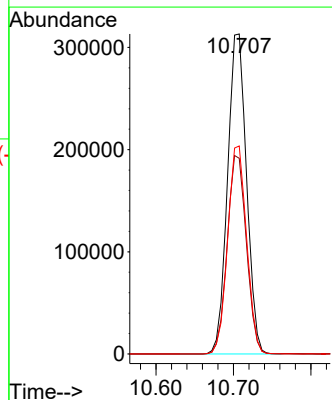
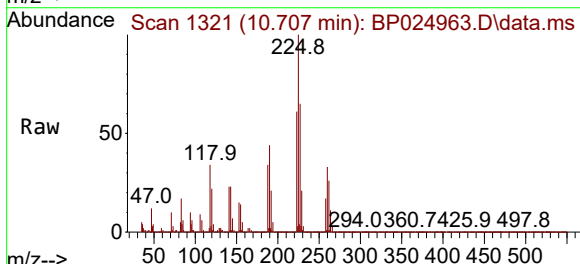
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

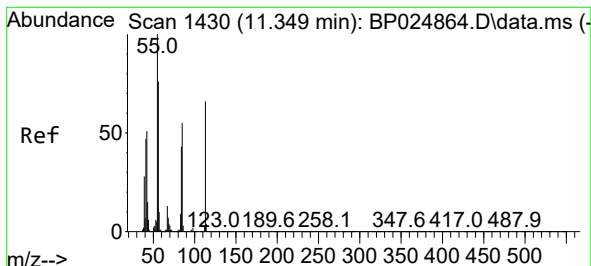
Tgt Ion:	127	Resp:	526000
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.9	23.9	35.9
92	19.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 48.827 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:	225	Resp:	533779
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.5	75.7
227	65.0	51.4	77.2





#35

Caprolactam

Concen: 52.486 ng

RT: 11.366 min Scan# 1433

Delta R.T. 0.018 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

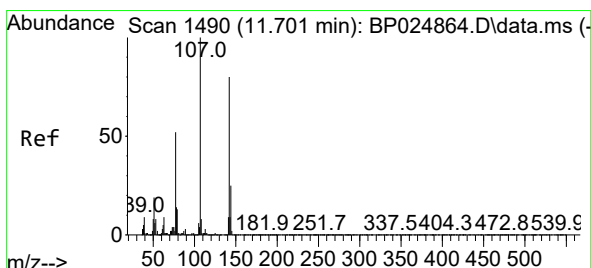
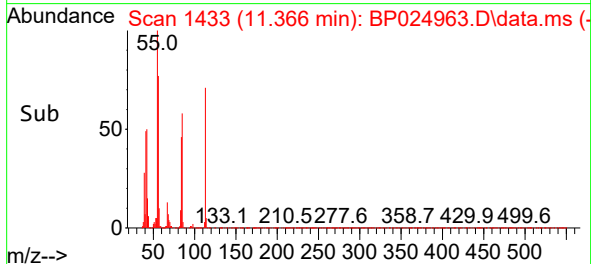
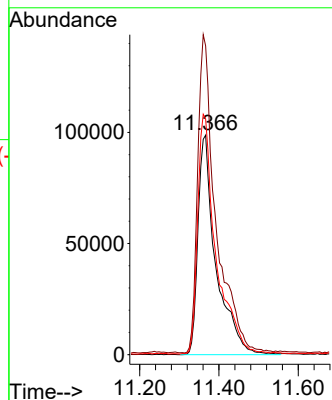
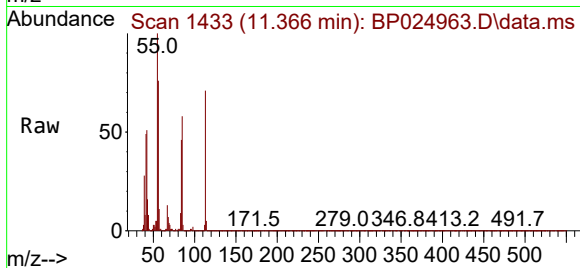
Tgt Ion:113 Resp: 310692

Ion Ratio Lower Upper

113 100

55 140.6 132.5 172.5

56 107.4 96.0 136.0



#36

4-Chloro-3-methylphenol

Concen: 52.223 ng

RT: 11.707 min Scan# 1491

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

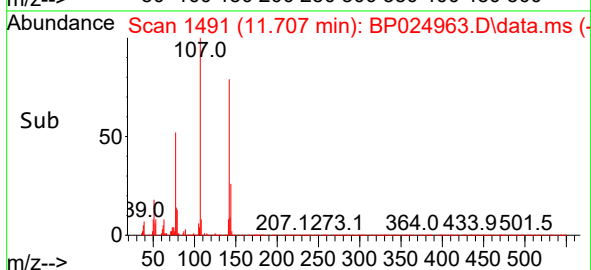
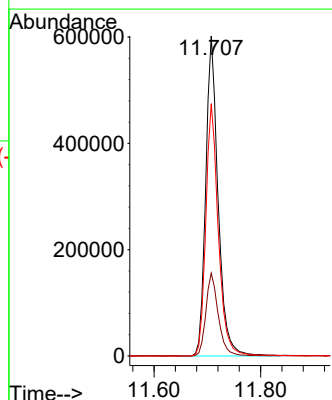
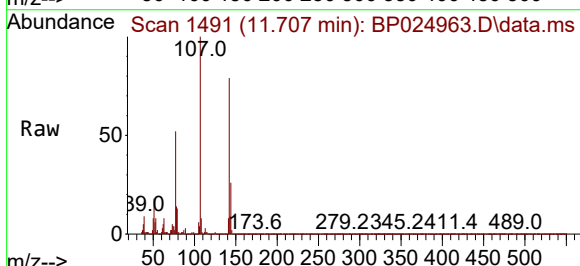
Tgt Ion:107 Resp: 968675

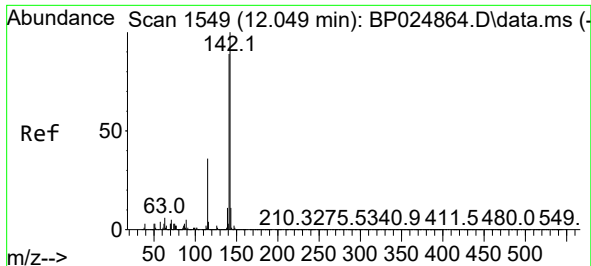
Ion Ratio Lower Upper

107 100

144 25.8 20.4 30.6

142 78.9 63.8 95.6

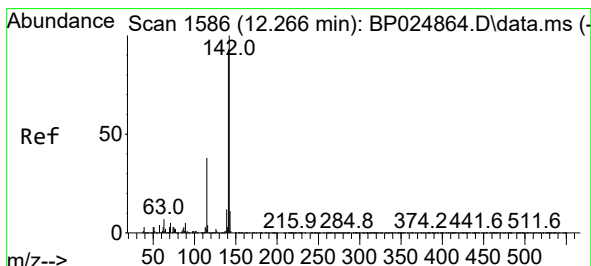
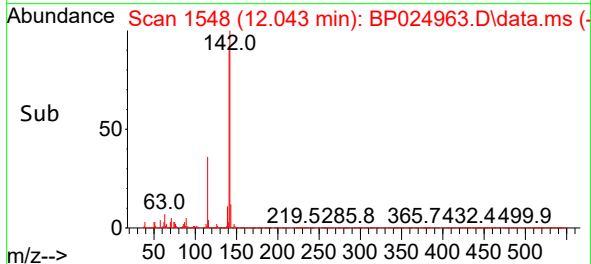
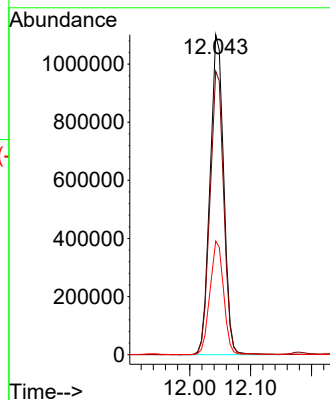
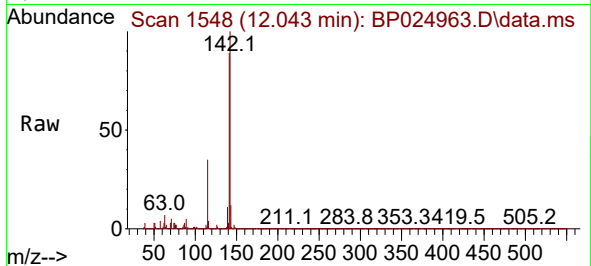




#37
2-Methylnaphthalene
Concen: 48.695 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

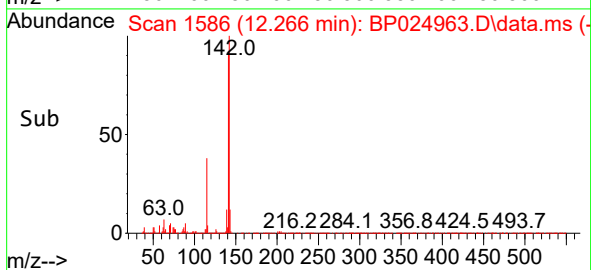
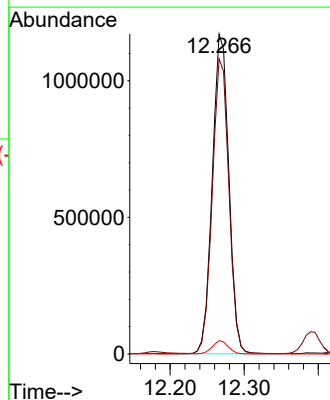
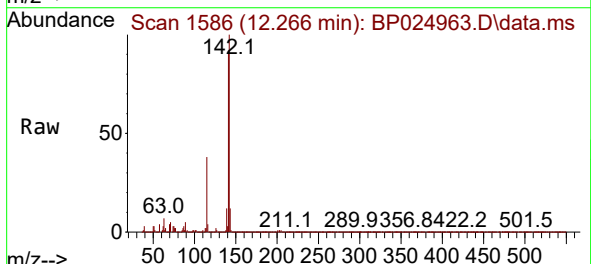
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

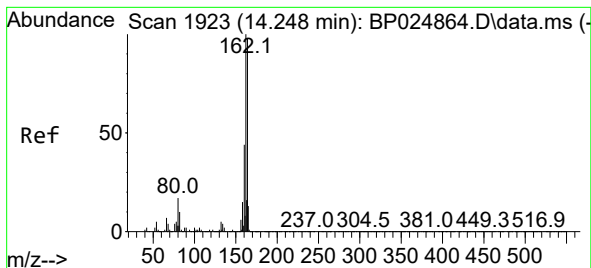
Tgt Ion:142 Resp: 1718466
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 35.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 48.069 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:142 Resp: 1813619
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1
116 4.2 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: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

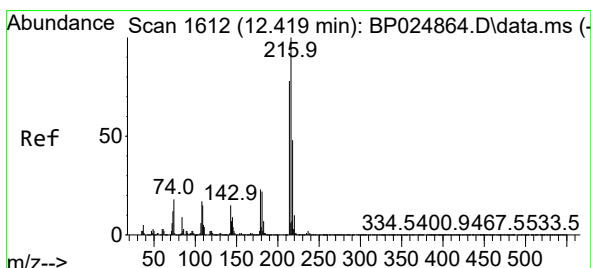
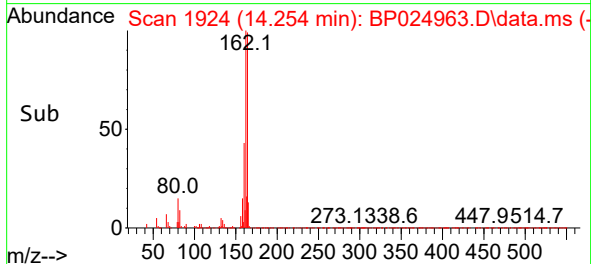
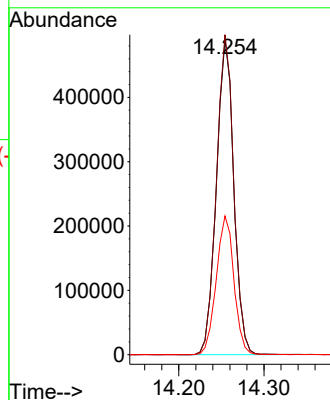
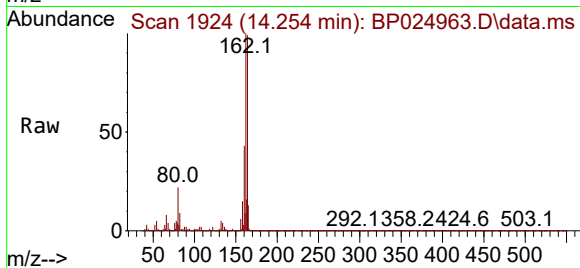
Tgt Ion:164 Resp: 695948

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 44.0 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.175 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Tgt Ion:216 Resp: 971099

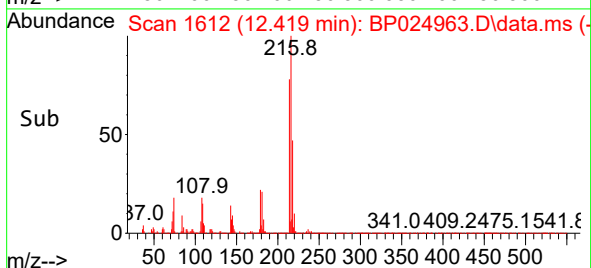
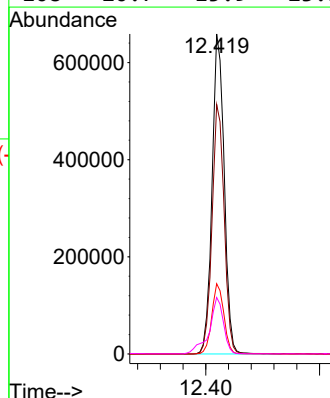
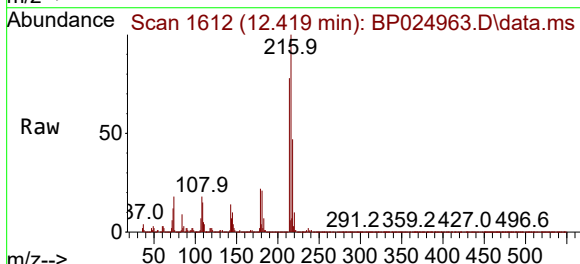
Ion Ratio Lower Upper

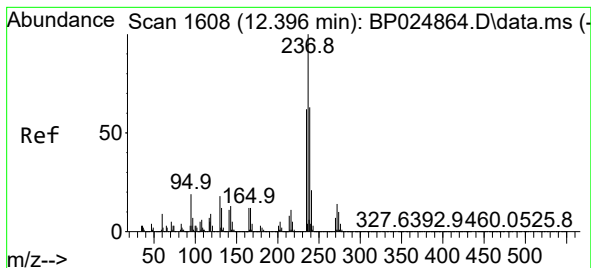
216 100

214 78.2 63.0 94.4

179 21.8 17.8 26.6

108 20.7 15.9 23.9

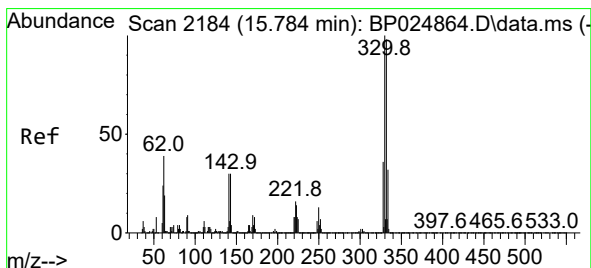
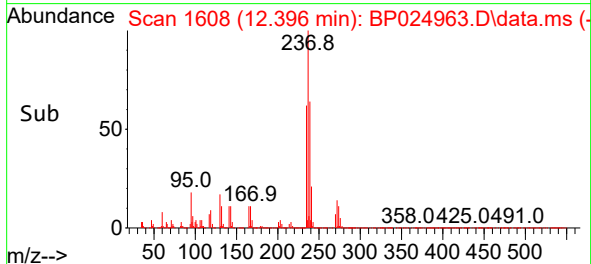
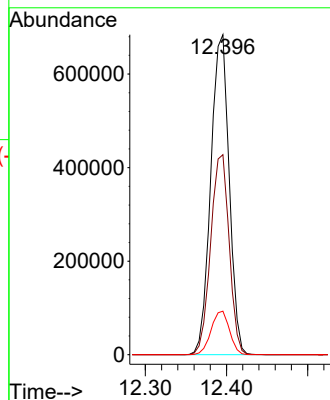
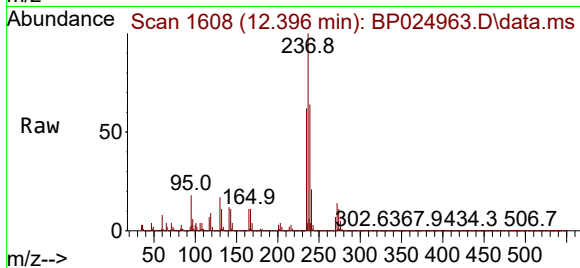




#41
Hexachlorocyclopentadiene
Concen: 89.100 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

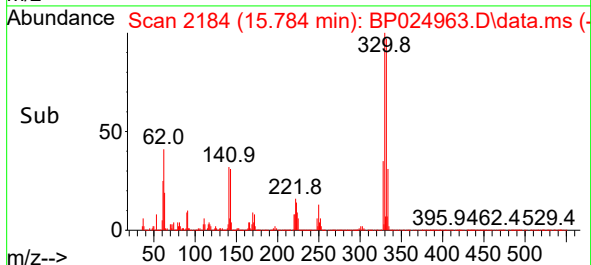
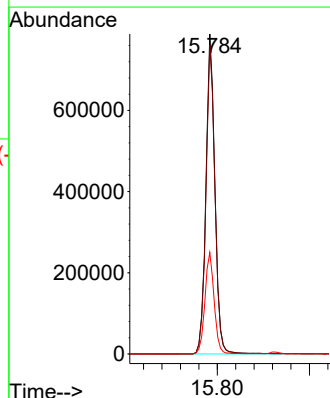
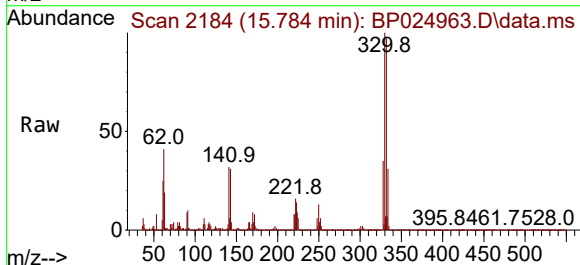
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

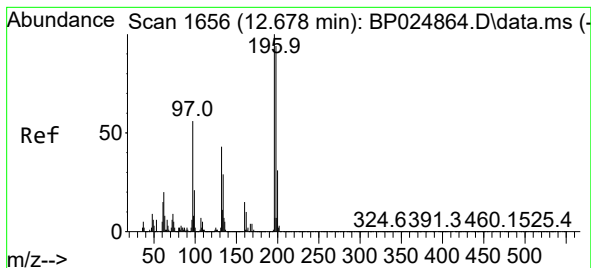
Tgt Ion:237 Resp: 1073207
Ion Ratio Lower Upper
237 100
235 62.5 41.9 81.9
272 13.6 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 112.047 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:330 Resp: 1078100
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 32.5 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 52.940 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

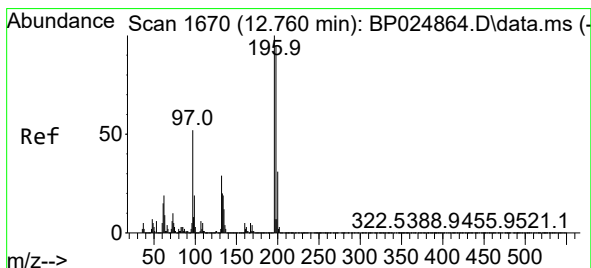
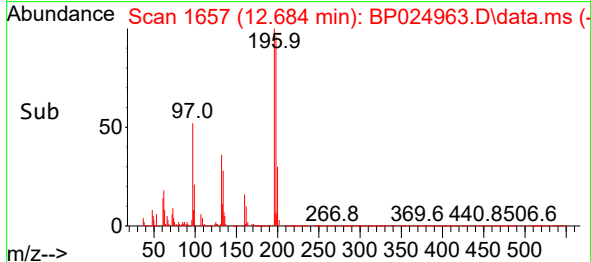
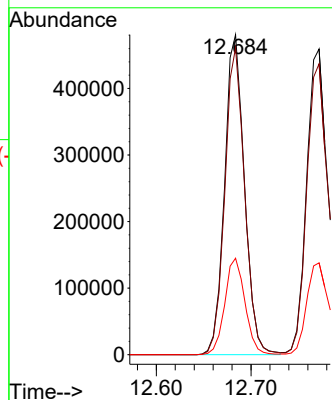
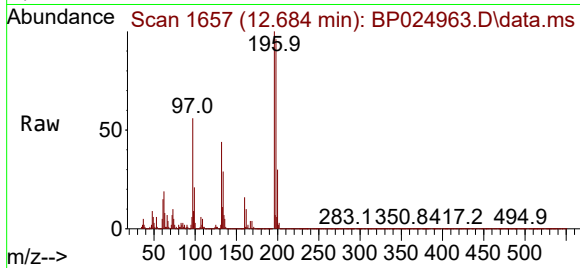
Tgt Ion:196 Resp: 702091

Ion Ratio Lower Upper

196 100

198 95.9 75.4 113.0

200 30.2 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 54.181 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Tgt Ion:196 Resp: 769528

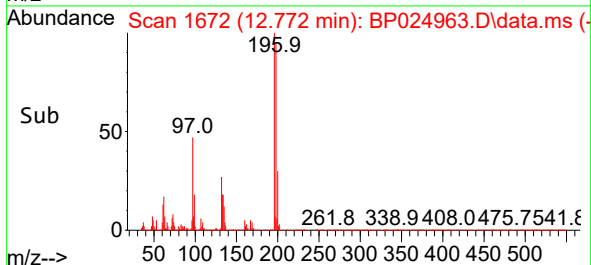
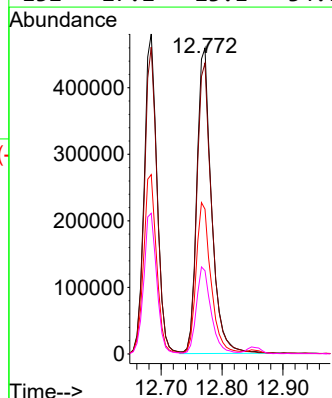
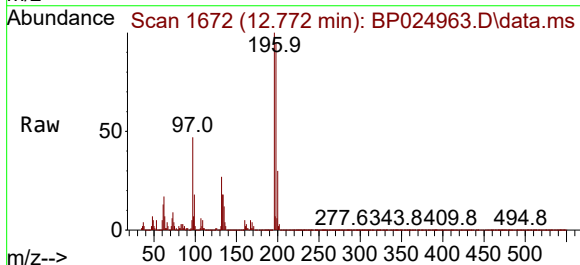
Ion Ratio Lower Upper

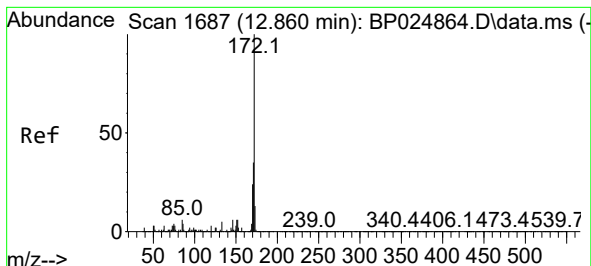
196 100

198 95.1 76.0 114.0

97 47.4 41.5 62.3

132 27.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 59.062 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

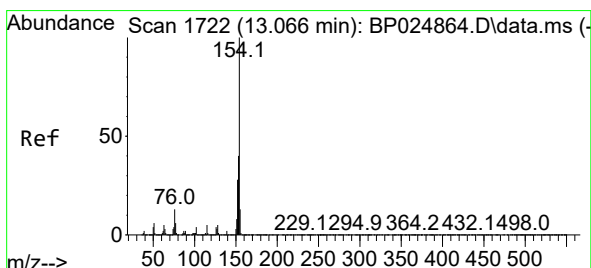
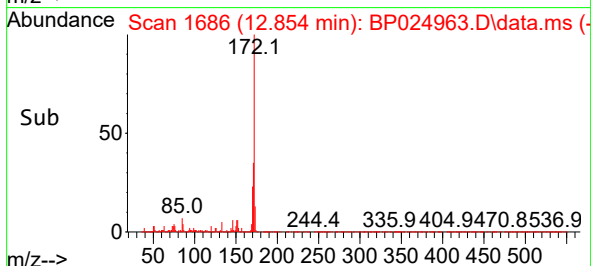
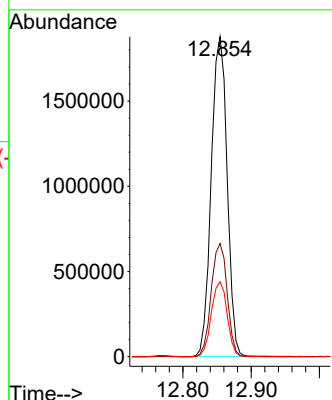
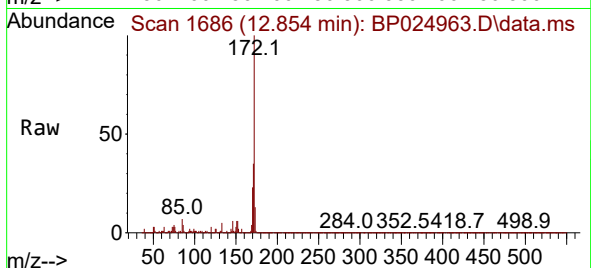
Tgt Ion:172 Resp: 3051262

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.442 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

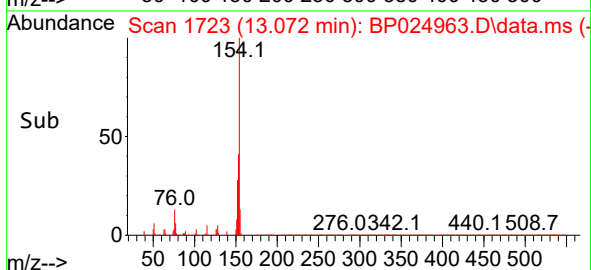
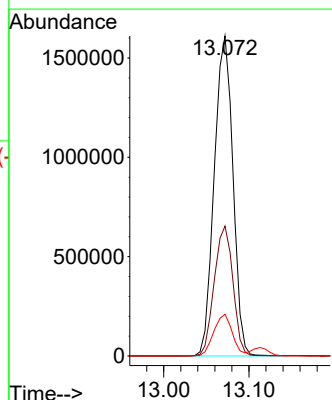
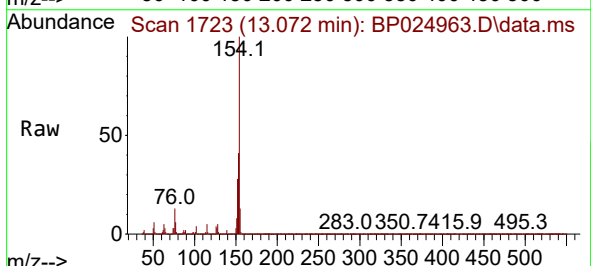
Tgt Ion:154 Resp: 2449996

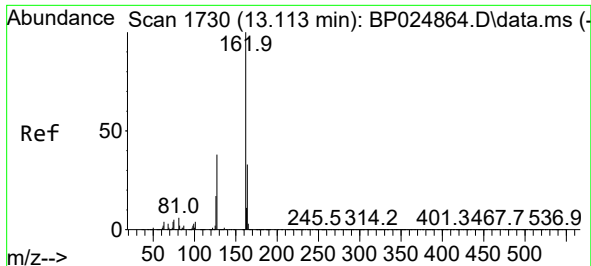
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.1 0.0 33.0

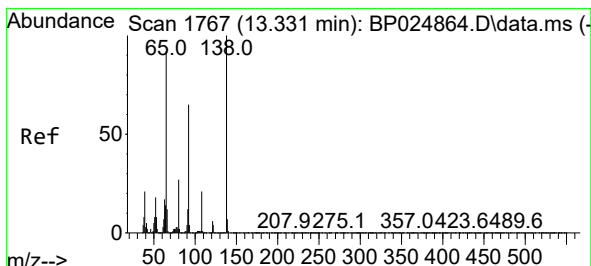
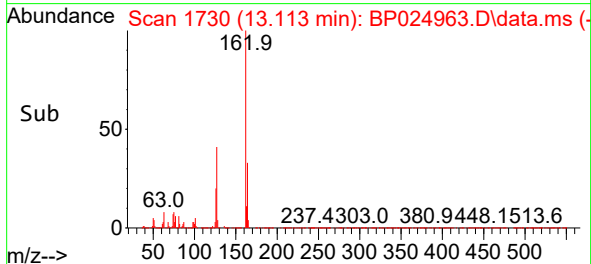
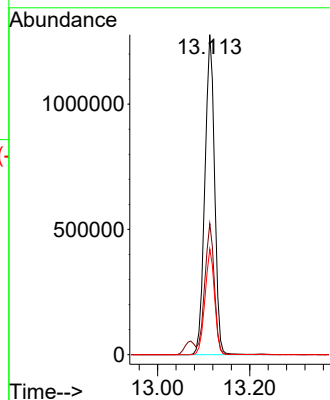
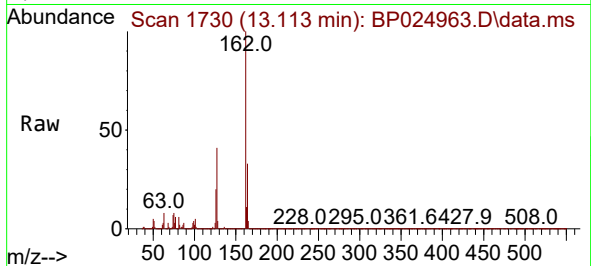




#47
2-Chloronaphthalene
Concen: 48.566 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

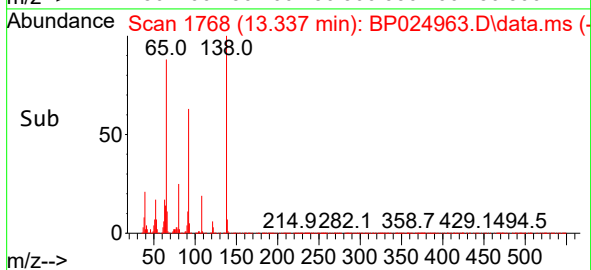
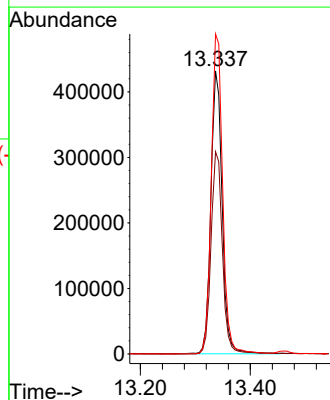
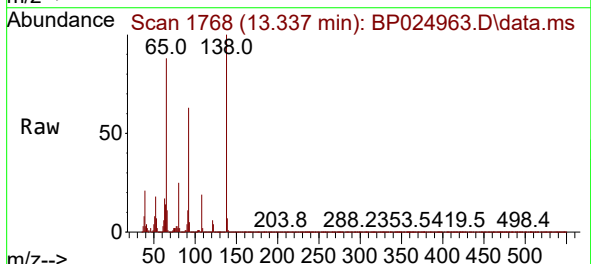
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

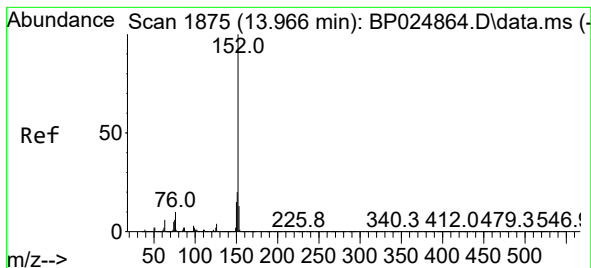
Tgt Ion:162 Resp: 1887855
Ion Ratio Lower Upper
162 100
127 40.9 32.5 48.7
164 33.0 26.2 39.2



#48
2-Nitroaniline
Concen: 51.630 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 65 Resp: 617011
Ion Ratio Lower Upper
65 100
92 71.4 56.8 85.2
138 113.0 86.9 130.3





#49

Acenaphthylene

Concen: 48.409 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

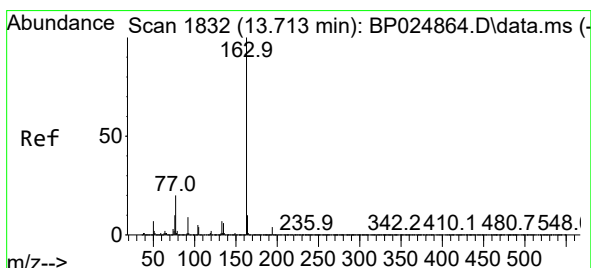
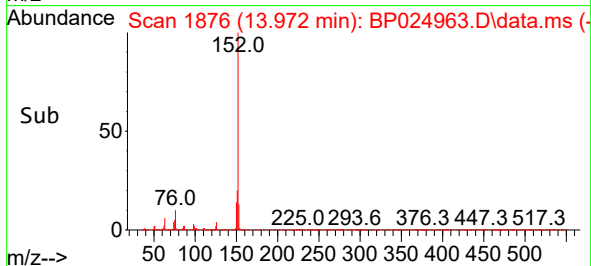
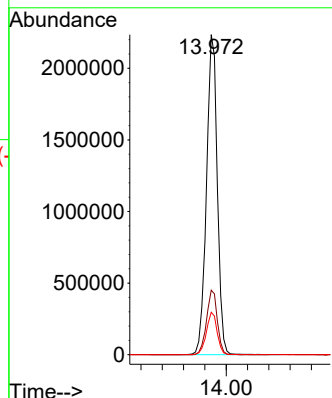
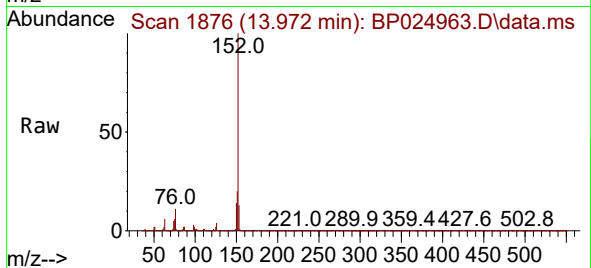
Tgt Ion:152 Resp: 3137588

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 48.941 ng

RT: 13.713 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

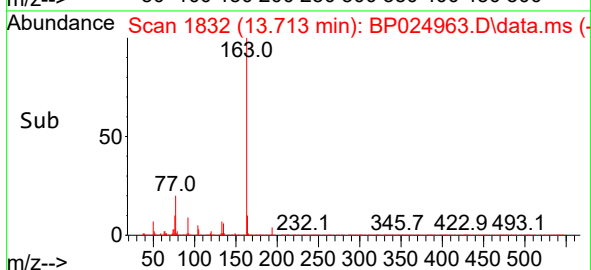
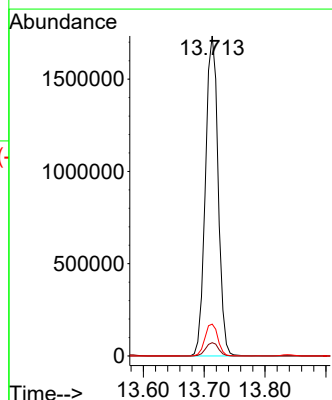
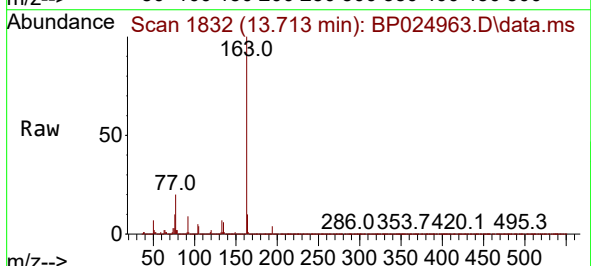
Tgt Ion:163 Resp: 2512564

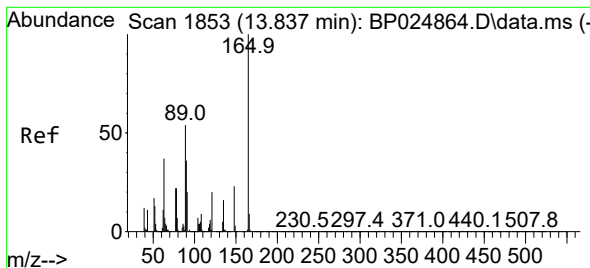
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 50.536 ng

RT: 13.837 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

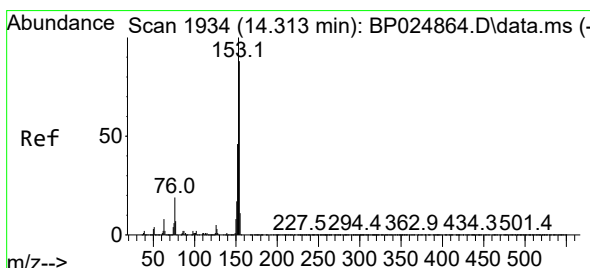
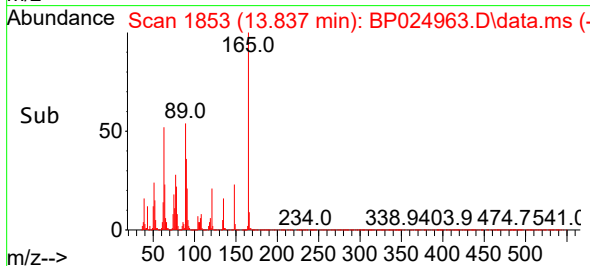
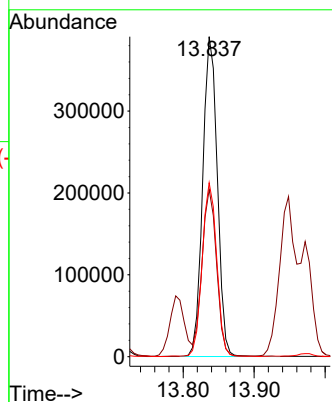
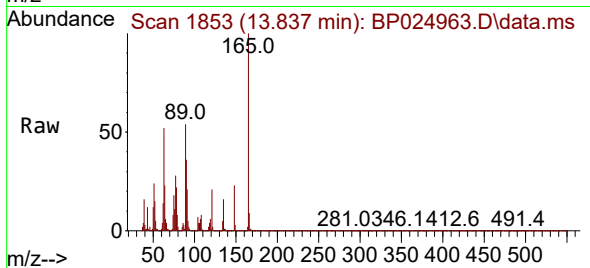
Tgt Ion:165 Resp: 559314

Ion Ratio Lower Upper

165 100

63 52.2 41.8 62.8

89 54.3 43.1 64.7



#52

Acenaphthene

Concen: 48.337 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

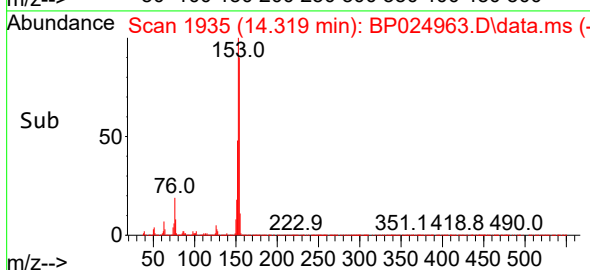
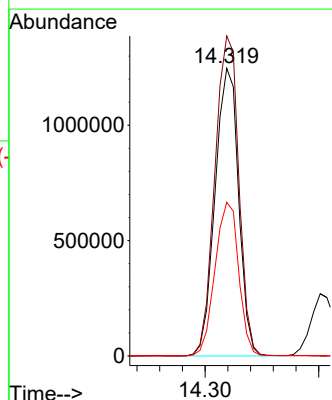
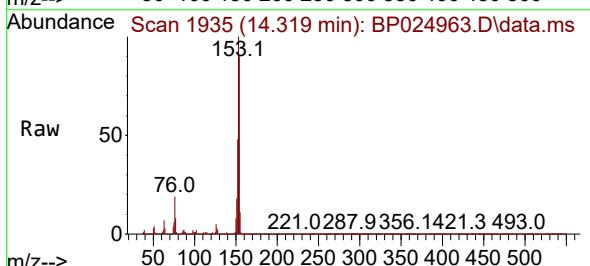
Tgt Ion:154 Resp: 1795262

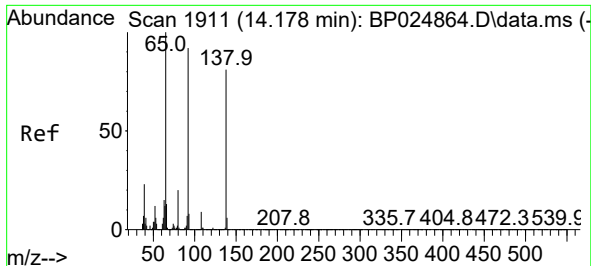
Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

152 53.4 42.1 63.1

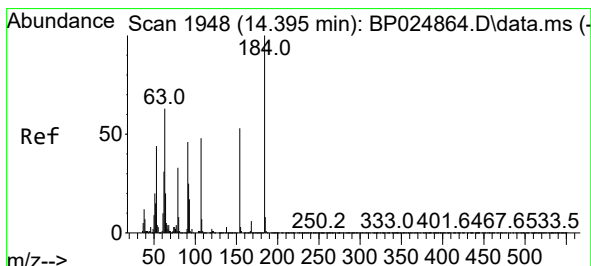
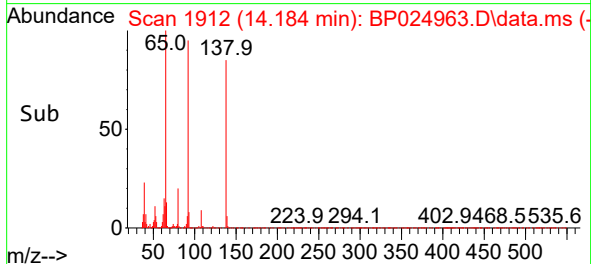
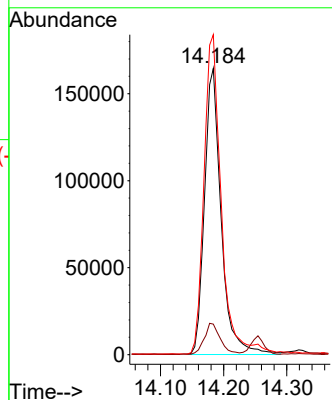
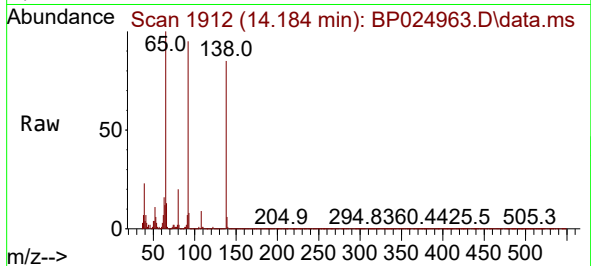




#53
3-Nitroaniline
Concen: 26.266 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

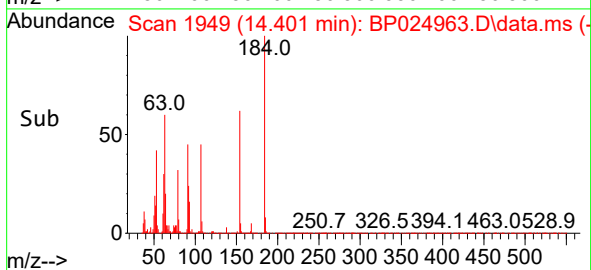
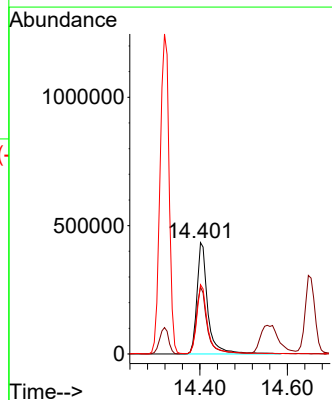
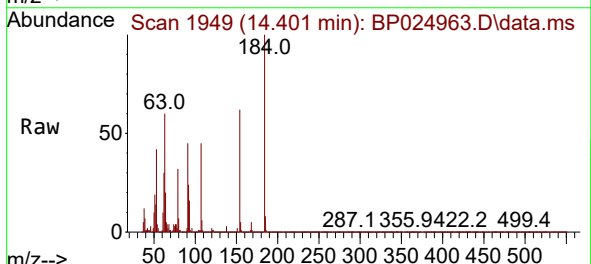
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

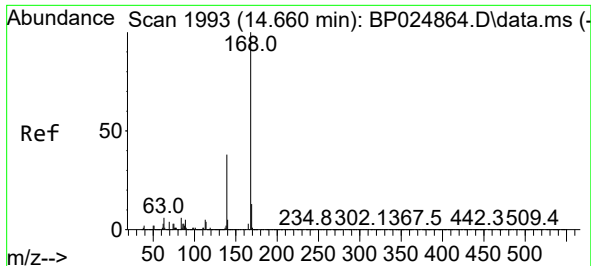
Tgt Ion:138 Resp: 301675
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 111.8 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 102.177 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:184 Resp: 748308
Ion Ratio Lower Upper
184 100
63 60.1 51.0 76.4
154 62.2 51.7 77.5

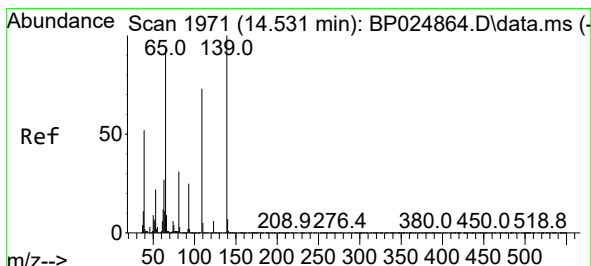
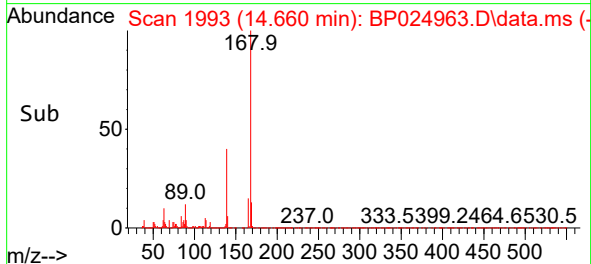
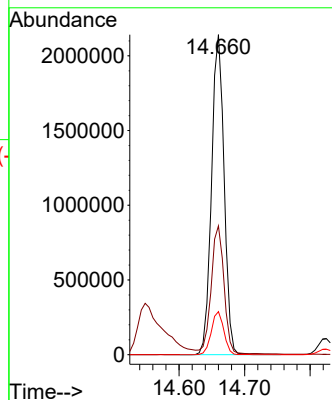
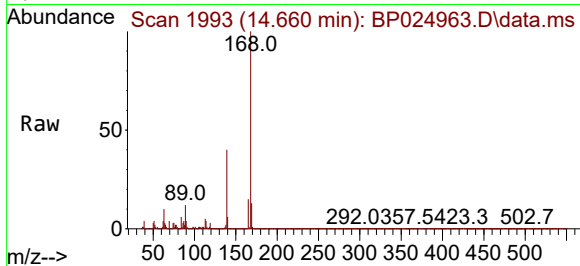




#55
Dibenzofuran
Concen: 47.844 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

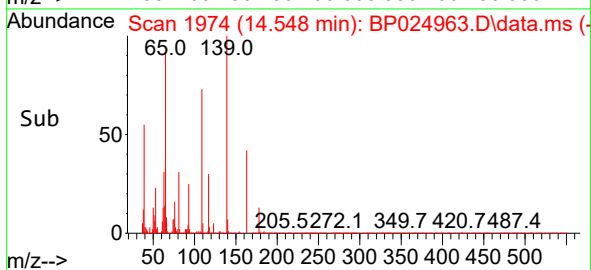
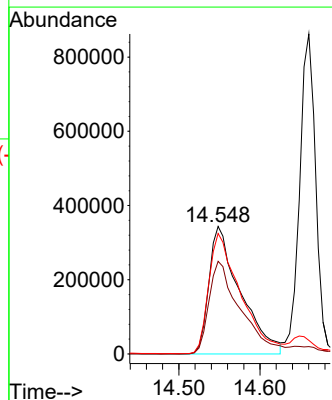
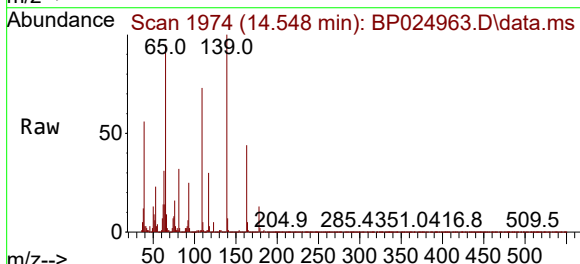
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

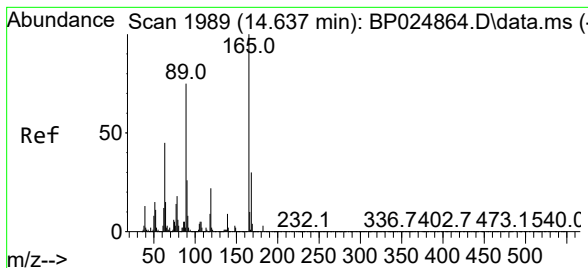
Tgt Ion:168 Resp: 2852343
Ion Ratio Lower Upper
168 100
139 40.3 31.6 47.4
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 93.169 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:139 Resp: 915210
Ion Ratio Lower Upper
139 100
109 72.7 53.1 93.1
65 94.5 73.0 113.0

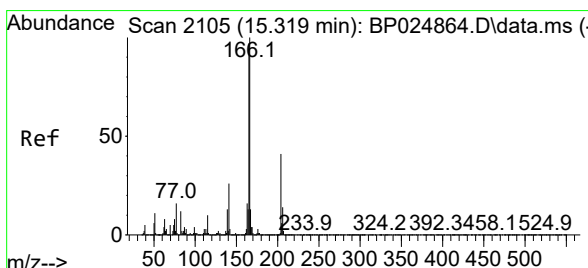
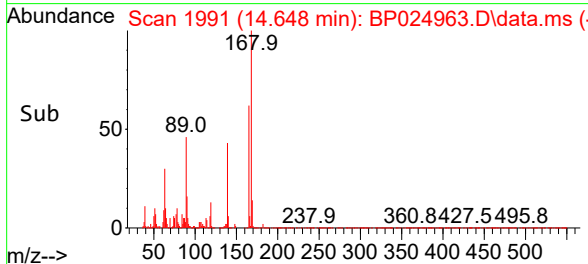
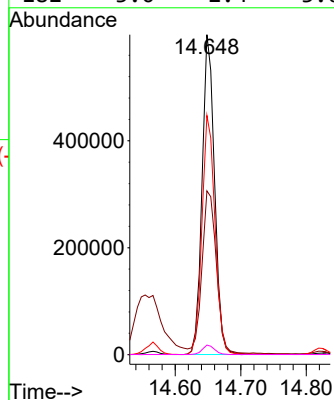
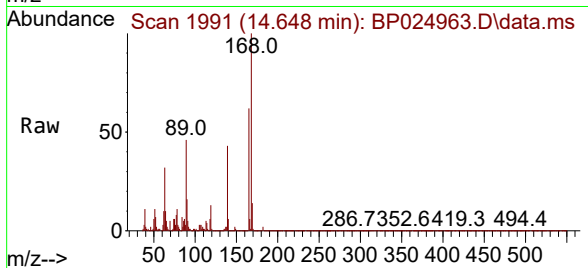




#57
2,4-Dinitrotoluene
Concen: 51.229 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

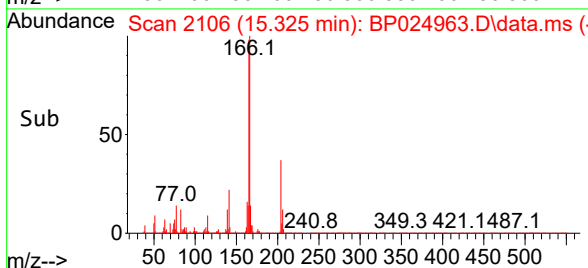
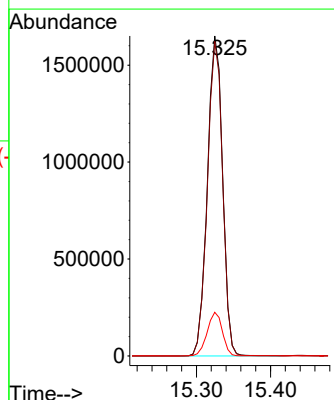
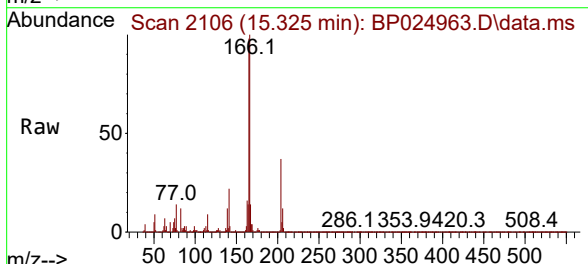
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

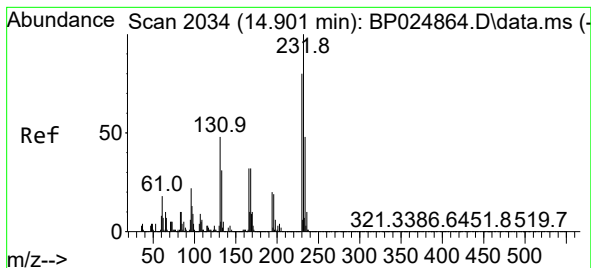
Tgt Ion:165 Resp: 793121
Ion Ratio Lower Upper
165 100
63 51.2 37.0 55.6
89 74.8 60.1 90.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 49.009 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:166 Resp: 2360266
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 13.6 10.6 16.0

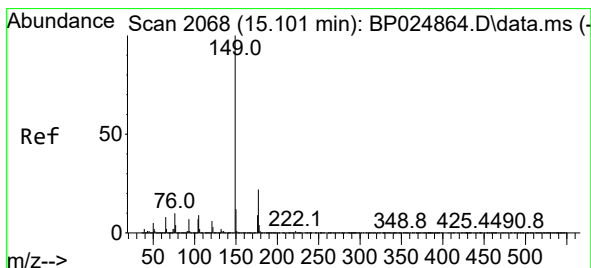
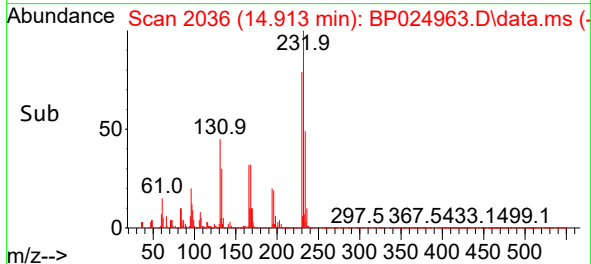
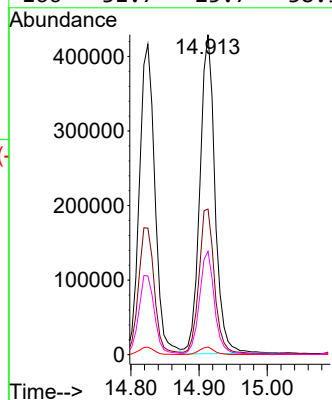
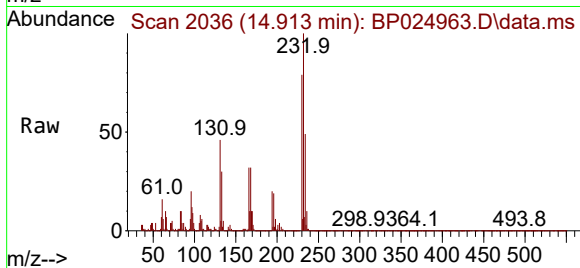




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.049 ng
RT: 14.913 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

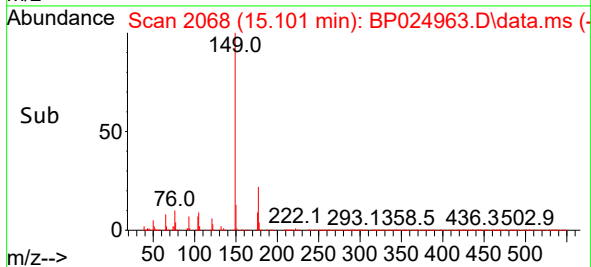
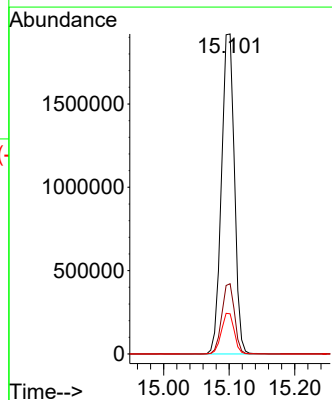
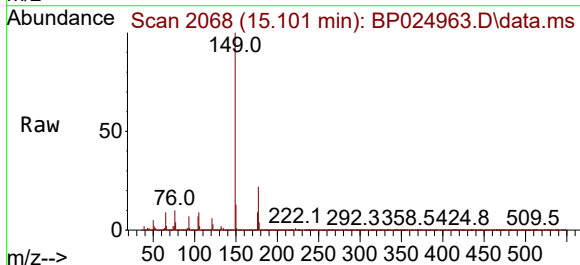
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

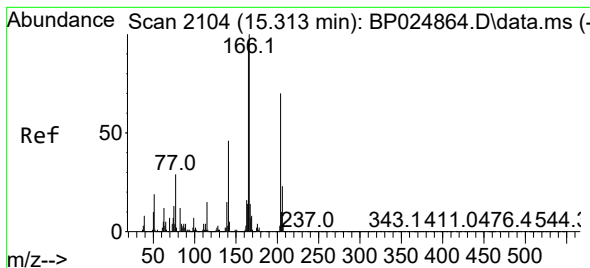
Tgt Ion:232 Resp: 660501
Ion Ratio Lower Upper
232 100
131 46.9 38.2 57.2
130 2.4 2.1 3.1
166 31.7 25.7 38.5



#60
Diethylphthalate
Concen: 51.102 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:149 Resp: 2614655
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.6 9.8 14.6

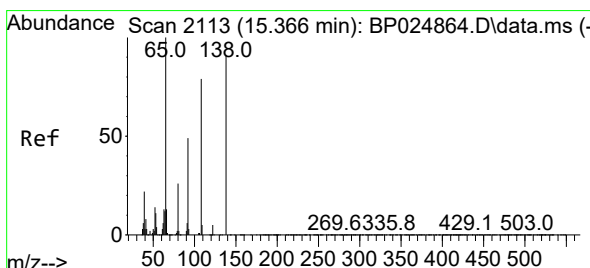
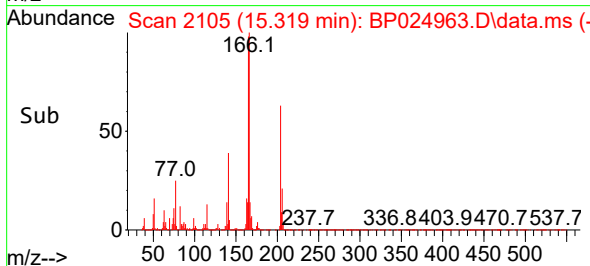
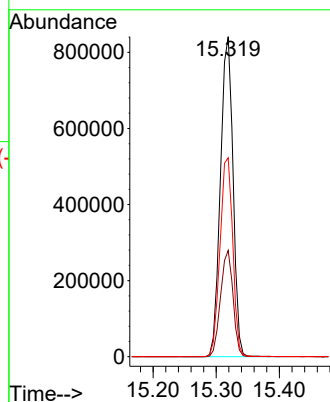
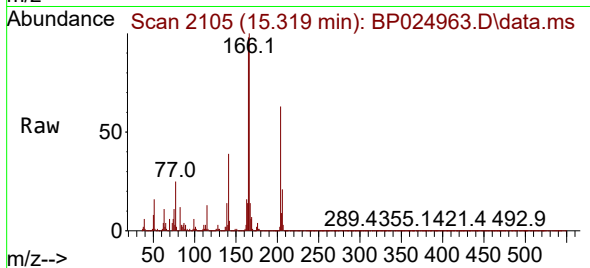




#61
4-Chlorophenyl-phenylether
Concen: 49.489 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

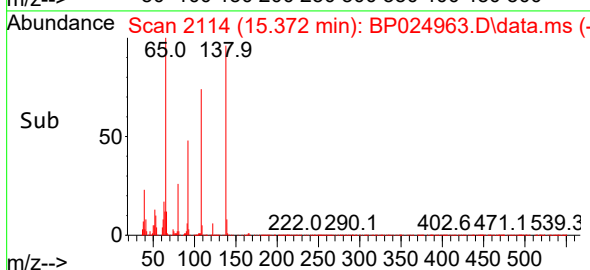
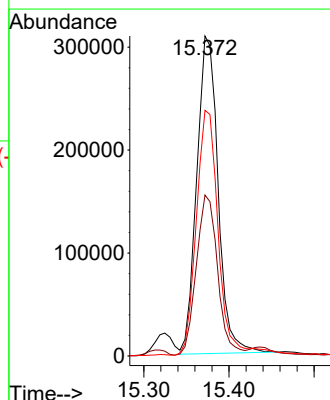
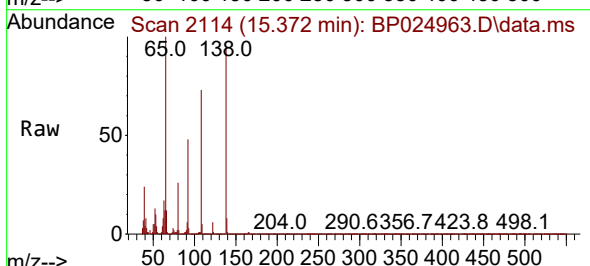
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

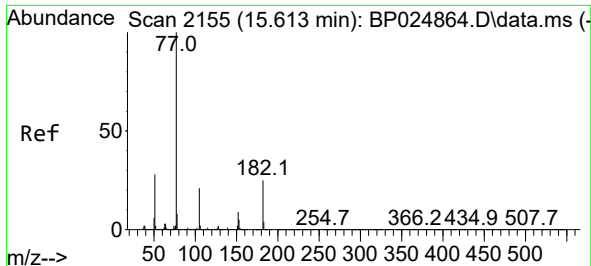
Tgt Ion:204 Resp: 1165372
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.1 52.4 78.6



#62
4-Nitroaniline
Concen: 51.562 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:138 Resp: 536968
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 76.8 65.1 105.1

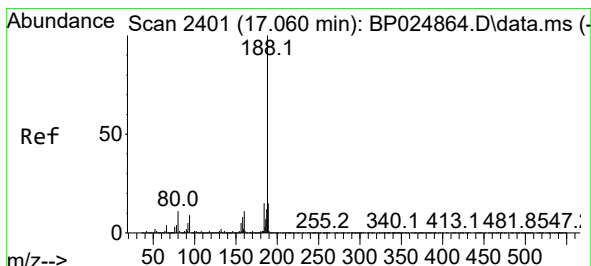
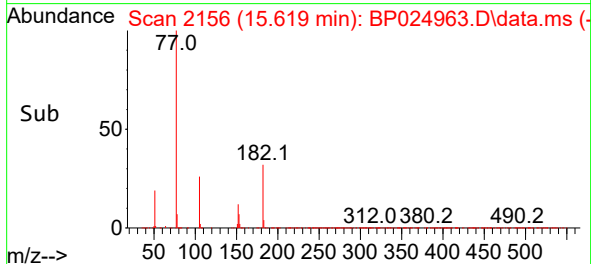
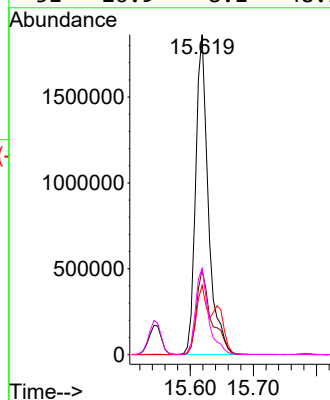
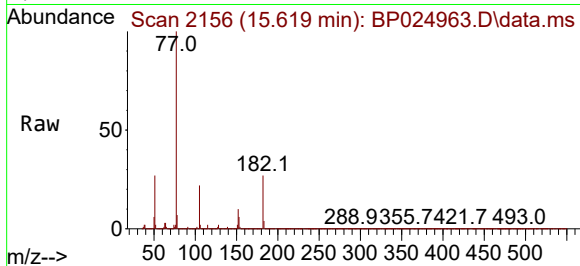




#63
Azobenzene
Concen: 55.175 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

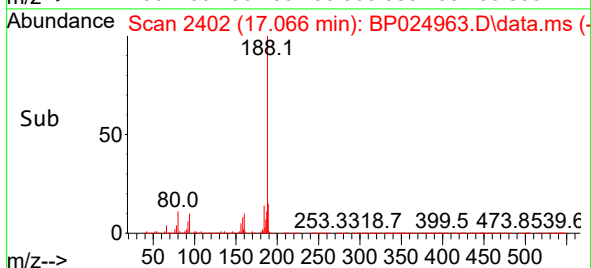
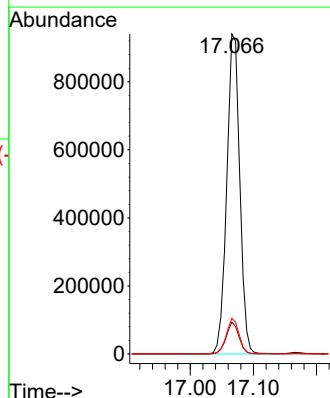
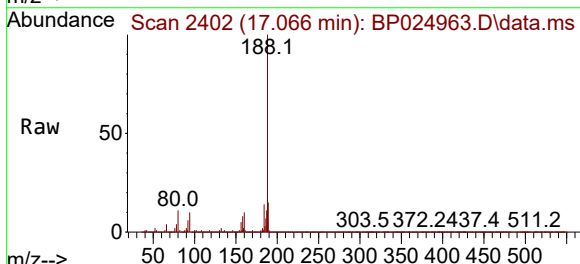
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

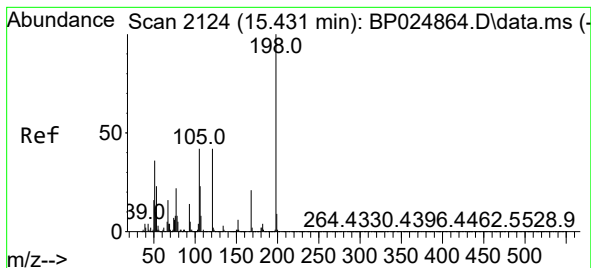
Tgt Ion: 77 Resp: 2589119
Ion Ratio Lower Upper
77 100
182 26.6 5.4 45.4
105 21.7 0.8 40.8
51 26.9 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion: 188 Resp: 1346839
Ion Ratio Lower Upper
188 100
94 10.0 7.3 10.9
80 11.1 8.5 12.7

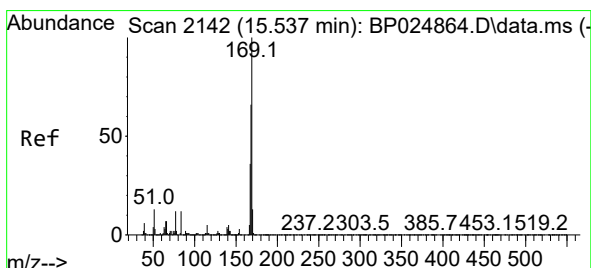
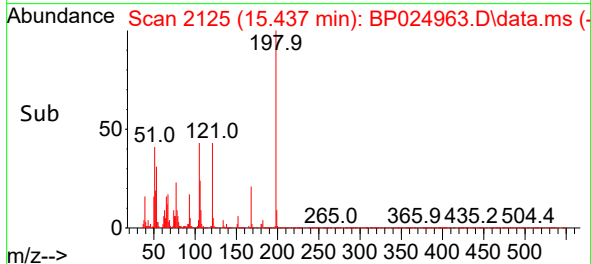
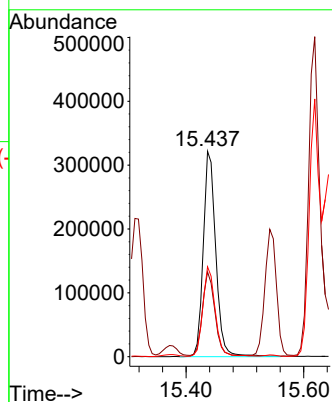
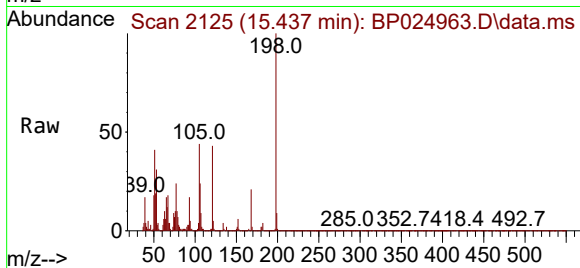




#65
4,6-Dinitro-2-methylphenol
Concen: 53.767 ng
RT: 15.437 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

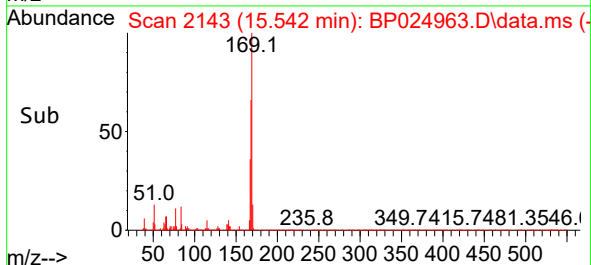
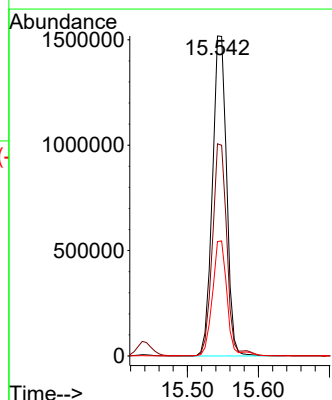
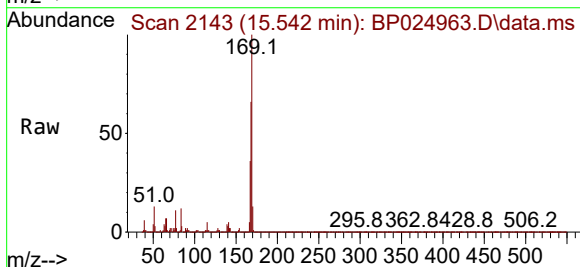
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

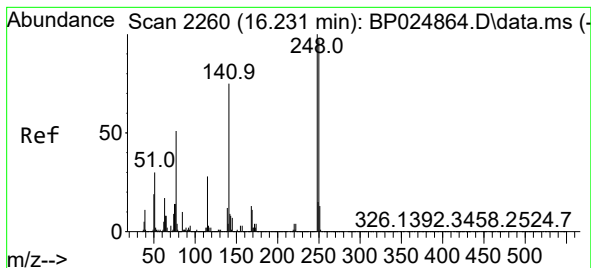
Tgt Ion:198 Resp: 475839
Ion Ratio Lower Upper
198 100
51 41.3 19.2 59.2
105 43.8 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 50.355 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:169 Resp: 2102098
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.8 28.6 43.0

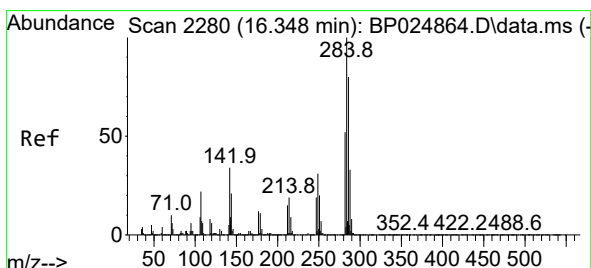
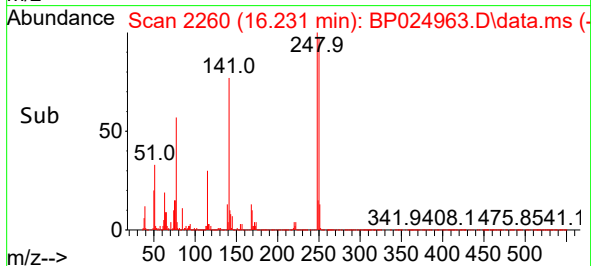
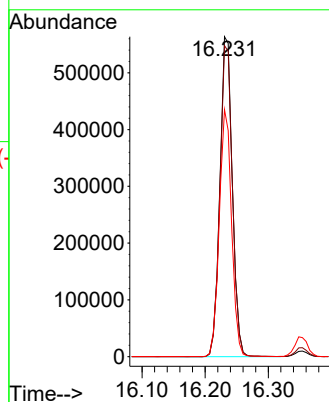
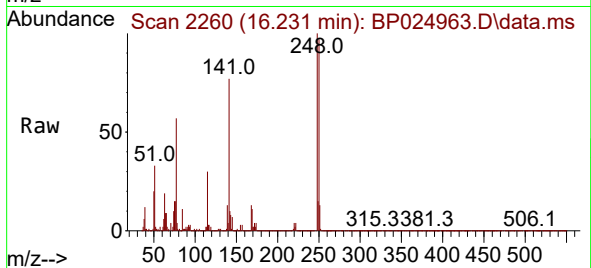




#67
4-Bromophenyl-phenylether
Concen: 50.543 ng
RT: 16.231 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

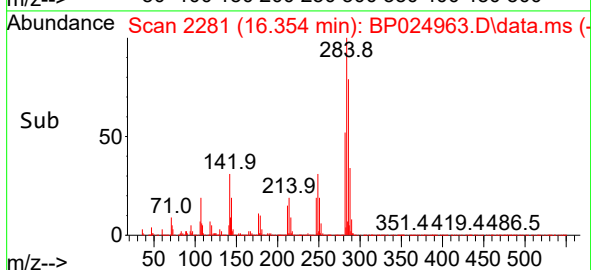
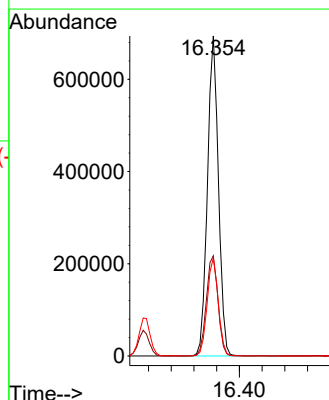
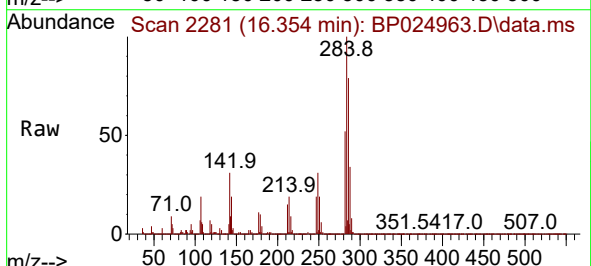
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

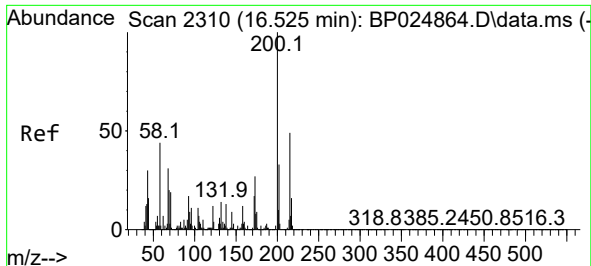
Tgt Ion:248 Resp: 768090
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 77.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 50.220 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:284 Resp: 925196
Ion Ratio Lower Upper
284 100
142 31.3 27.0 40.6
249 30.6 25.0 37.6

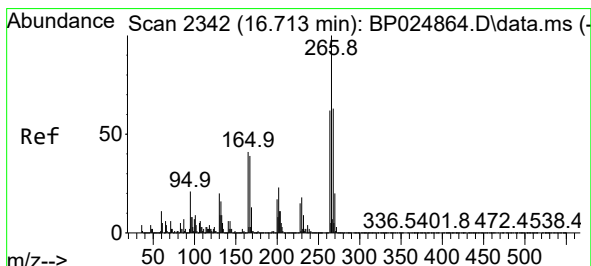
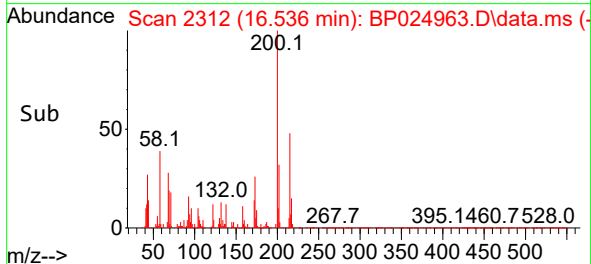
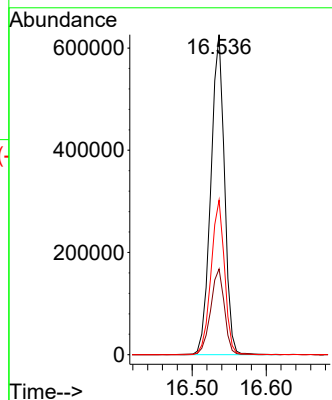
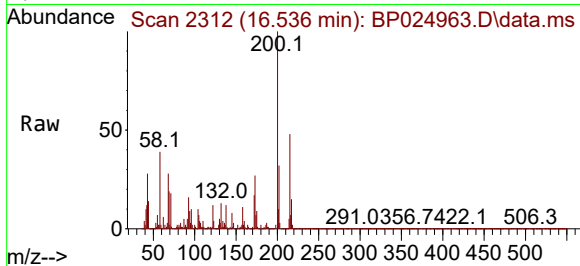




#69
Atrazine
Concen: 52.987 ng
RT: 16.536 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

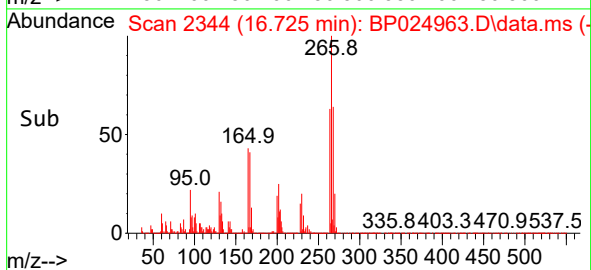
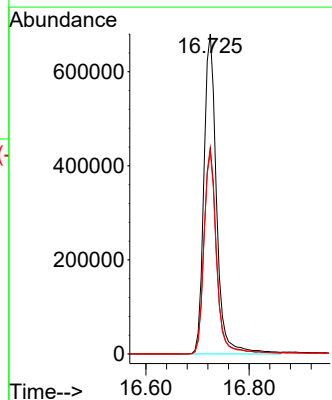
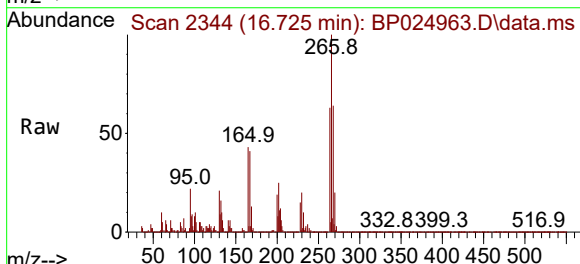
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

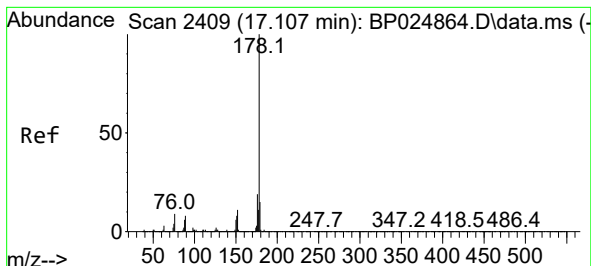
Tgt Ion:200 Resp: 801882
Ion Ratio Lower Upper
200 100
173 26.8 6.9 46.9
215 48.3 28.7 68.7



#70
Pentachlorophenol
Concen: 121.137 ng
RT: 16.725 min Scan# 2344
Delta R.T. 0.012 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:266 Resp: 1155008
Ion Ratio Lower Upper
266 100
268 64.5 50.6 76.0
264 63.2 49.7 74.5





#71

Phenanthrene

Concen: 49.605 ng

RT: 17.113 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

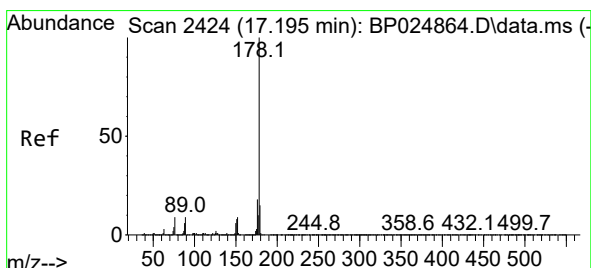
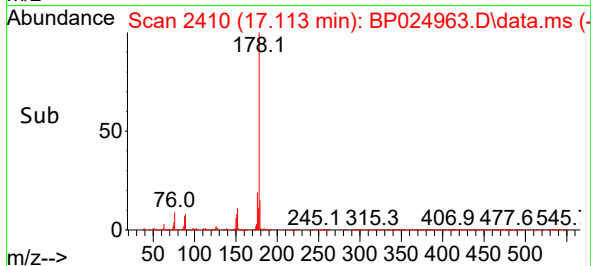
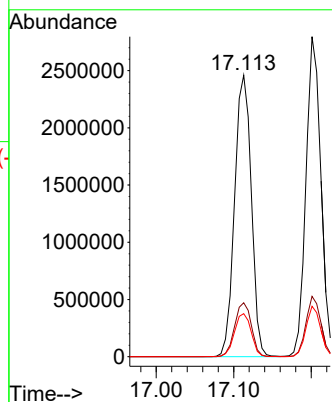
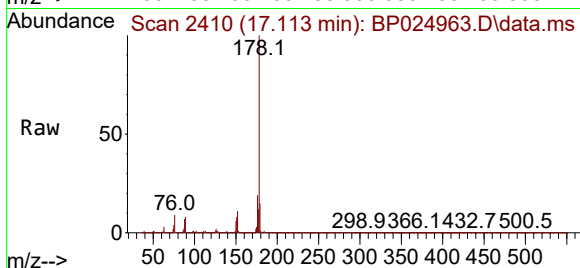
Tgt Ion:178 Resp: 3691999

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 49.891 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

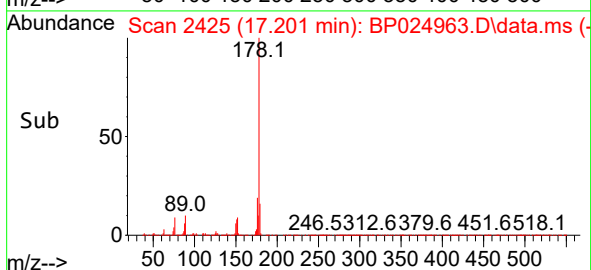
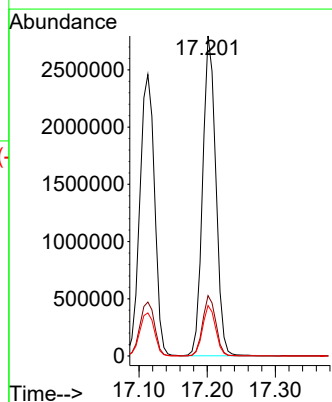
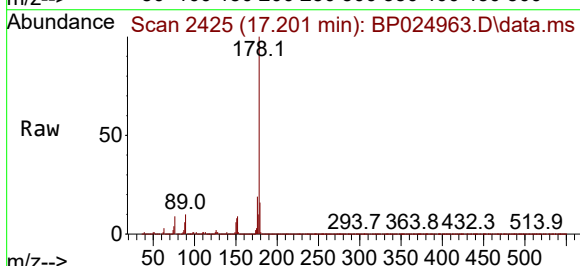
Tgt Ion:178 Resp: 3760749

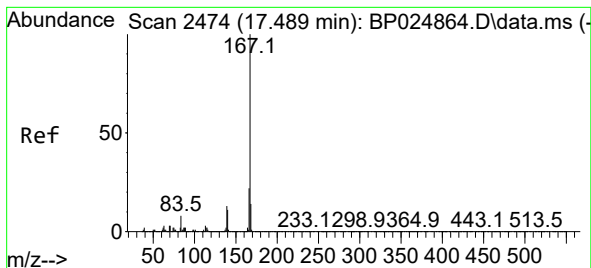
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.8 12.3 18.5





#73

Carbazole

Concen: 50.846 ng

RT: 17.495 min Scan# 2474

Delta R.T. 0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

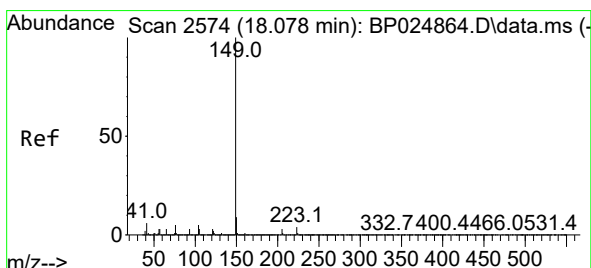
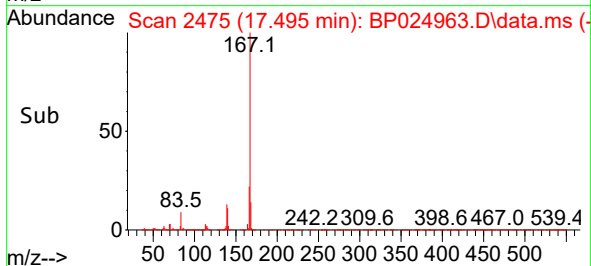
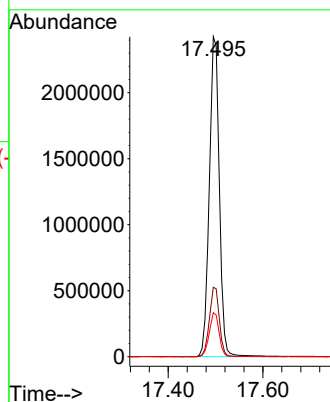
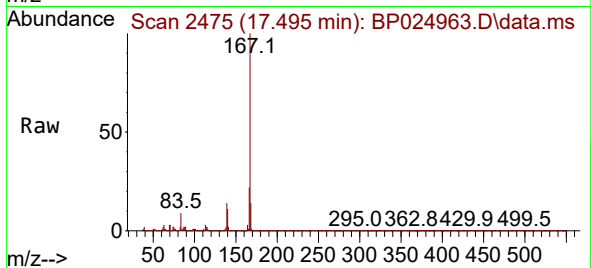
Tgt Ion:167 Resp: 3552534

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 54.328 ng

RT: 18.072 min Scan# 2573

Delta R.T. -0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

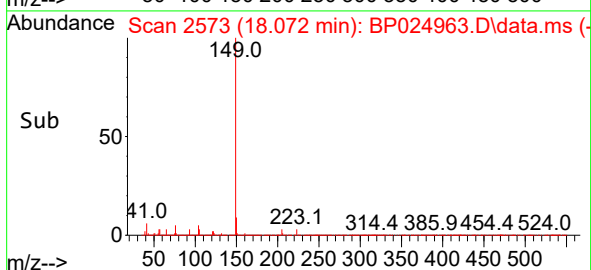
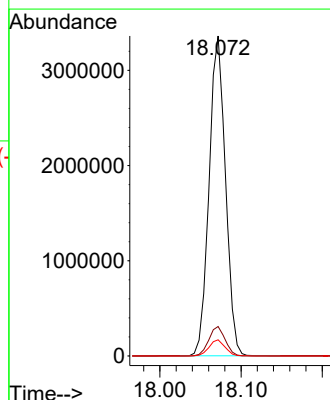
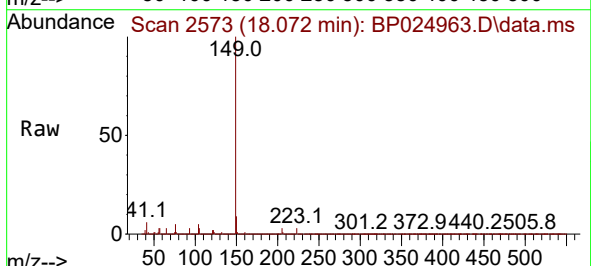
Tgt Ion:149 Resp: 4703006

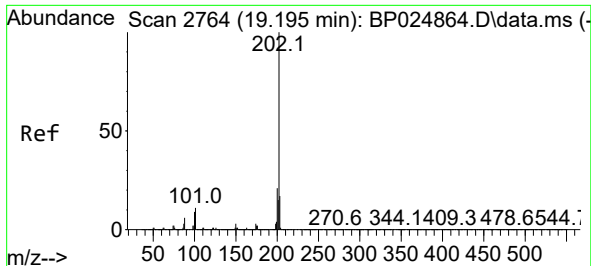
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.1 4.2 6.2

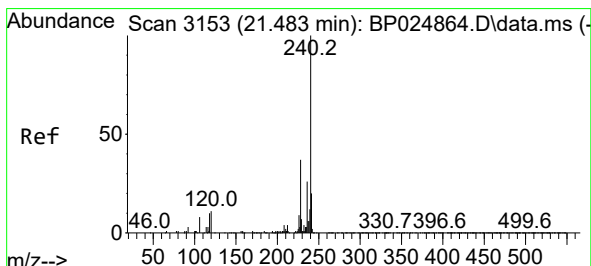
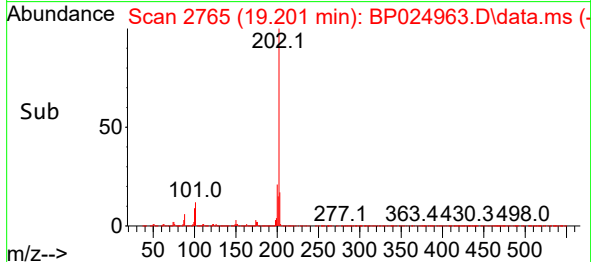
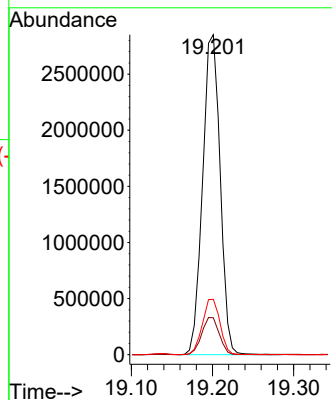
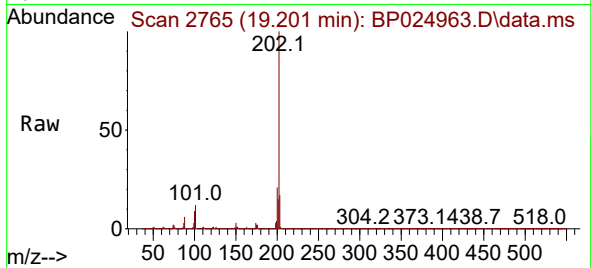




#75
Fluoranthene
Concen: 49.486 ng
RT: 19.201 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

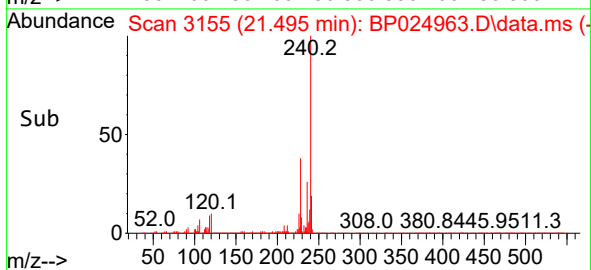
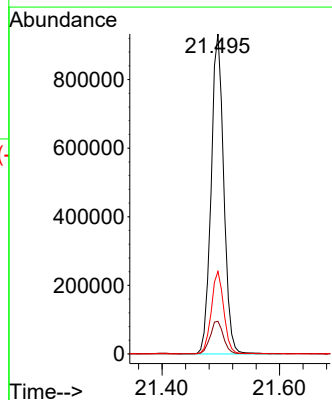
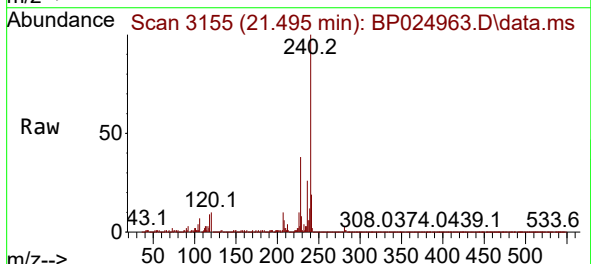
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

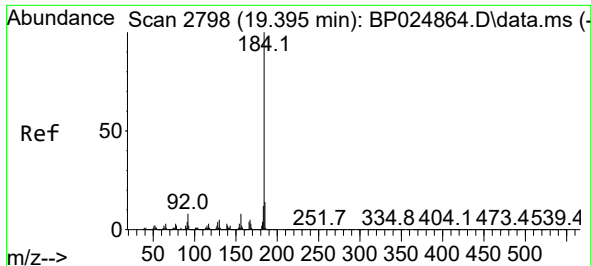
Tgt Ion:202 Resp: 4268965
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:240 Resp: 1390230
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.8 20.9 31.3

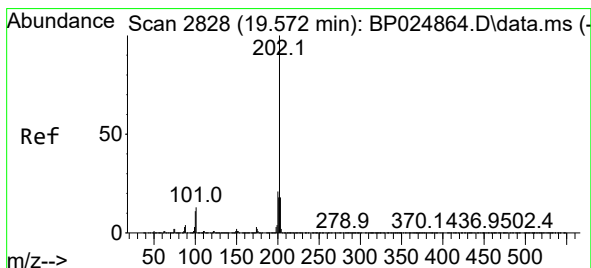
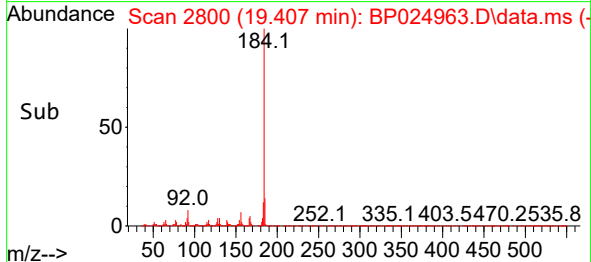
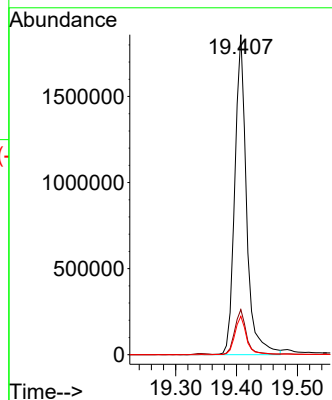
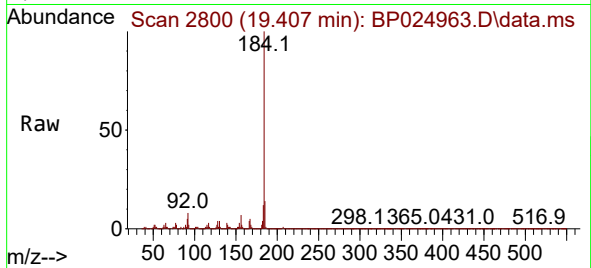




#77
Benzidine
Concen: 57.780 ng
RT: 19.407 min Scan# 2798
Delta R.T. 0.012 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

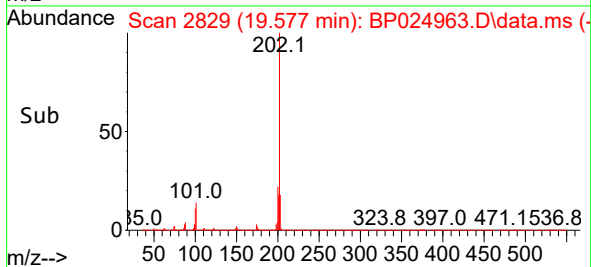
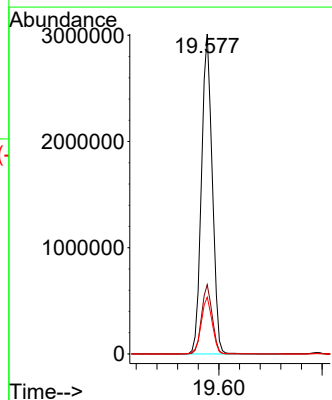
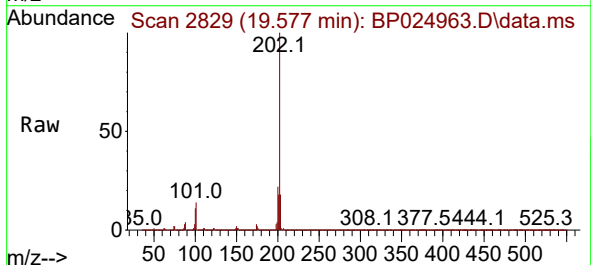
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

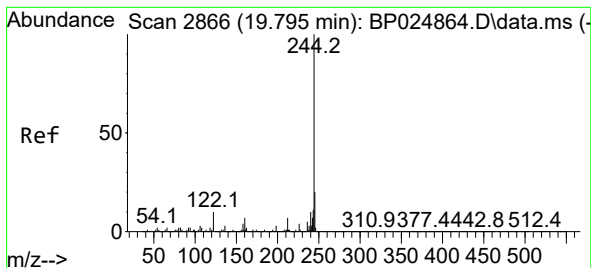
Tgt Ion:184 Resp: 2487864
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 12.0 9.5 14.3



#78
Pyrene
Concen: 50.156 ng
RT: 19.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:202 Resp: 4356226
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 58.923 ng

RT: 19.789 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

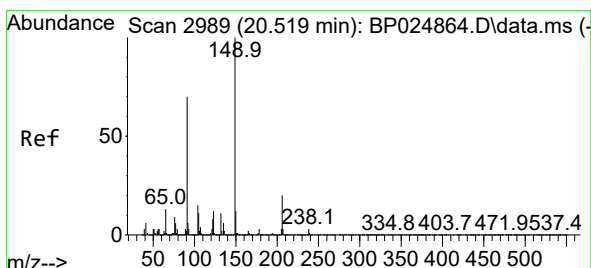
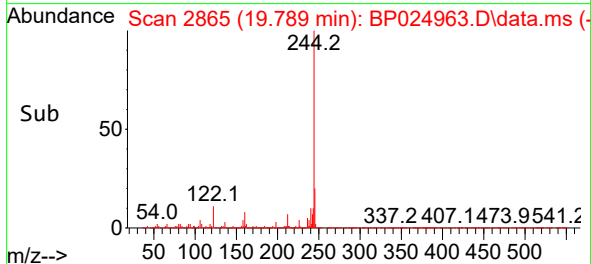
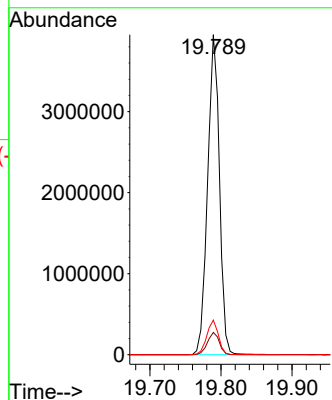
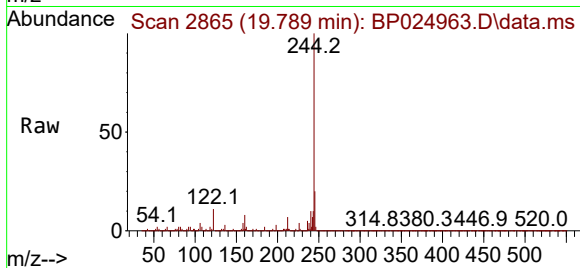
Tgt Ion:244 Resp: 4570609

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 53.835 ng

RT: 20.519 min Scan# 2989

Delta R.T. -0.000 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

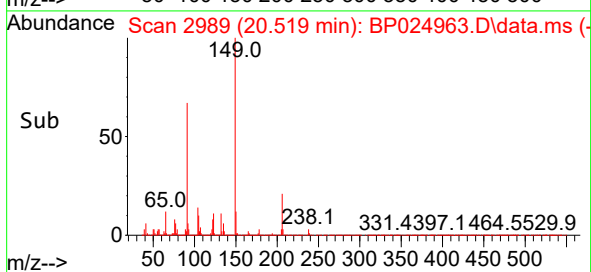
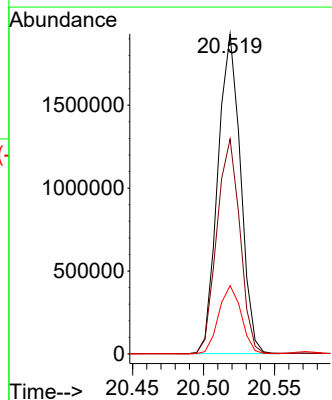
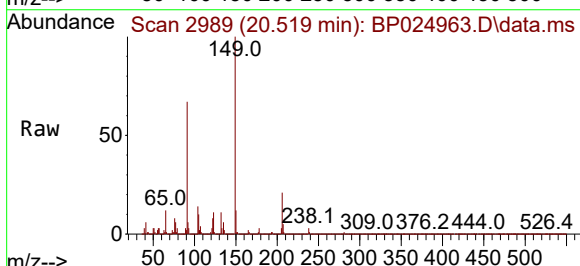
Tgt Ion:149 Resp: 2141758

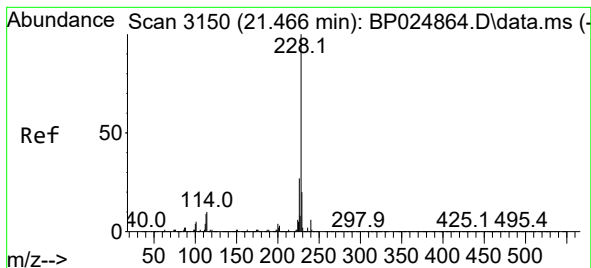
Ion Ratio Lower Upper

149 100

91 67.2 55.8 83.8

206 21.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.945 ng

RT: 21.477 min Scan# 3150

Delta R.T. 0.012 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

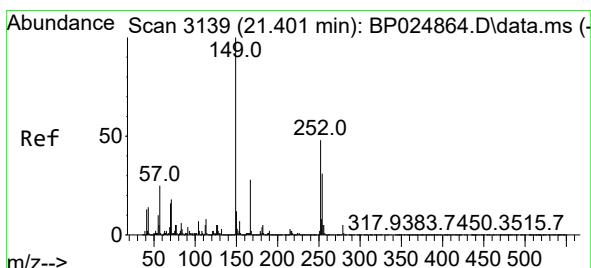
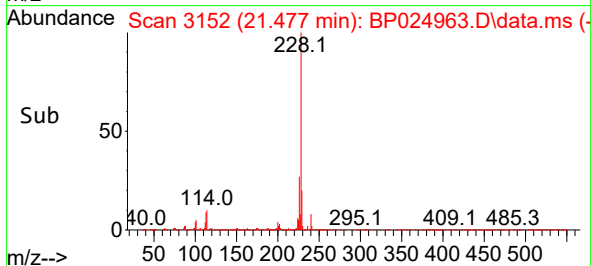
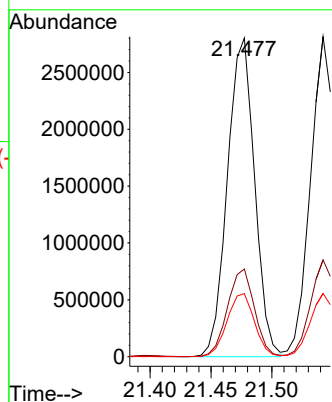
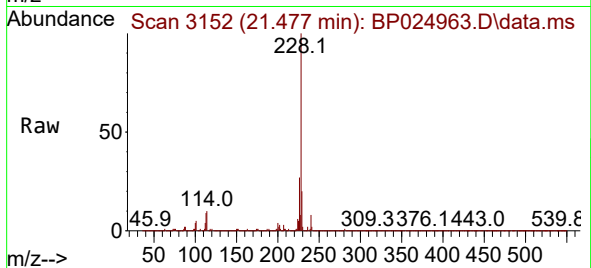
Tgt Ion:228 Resp: 4352022

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 30.425 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

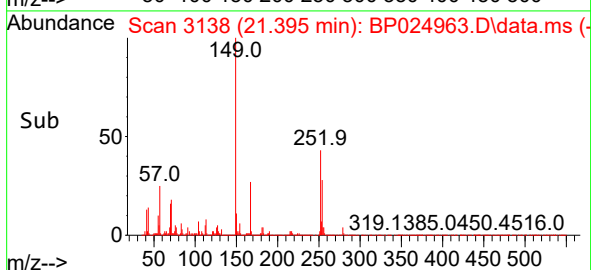
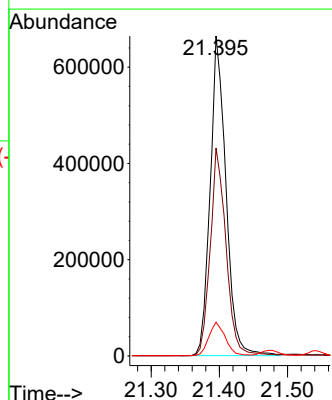
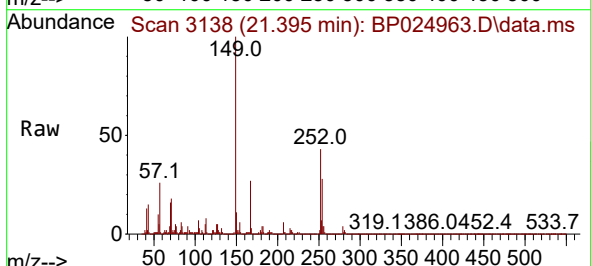
Tgt Ion:252 Resp: 1074018

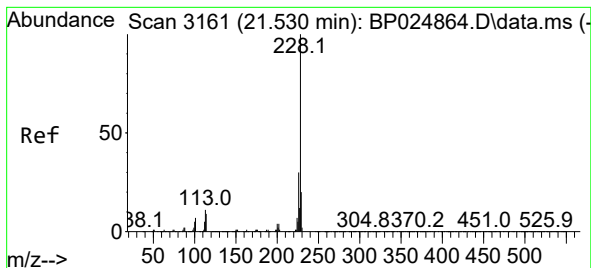
Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

126 10.5 8.6 12.8





#83

Chrysene

Concen: 48.641 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

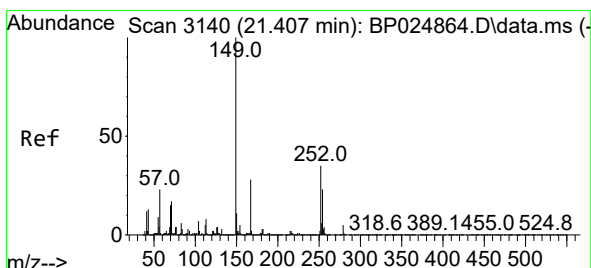
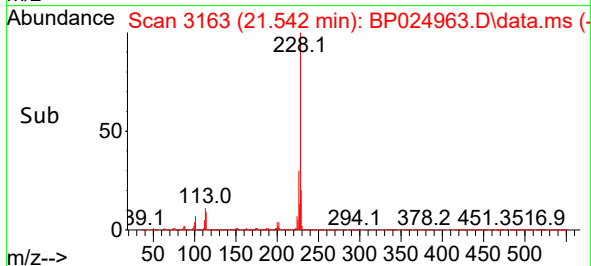
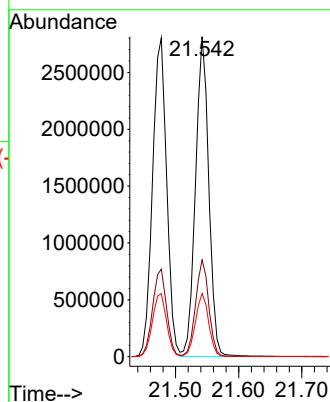
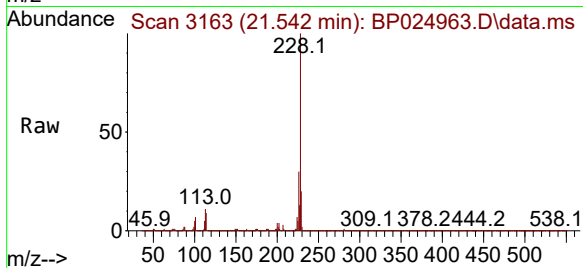
Tgt Ion:228 Resp: 4098028

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.882 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

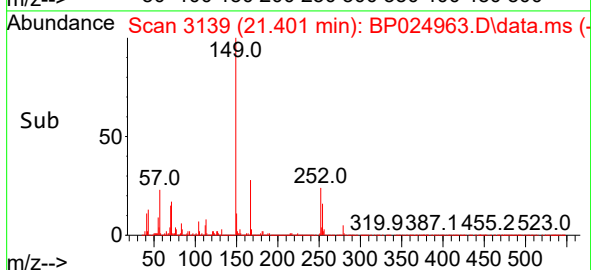
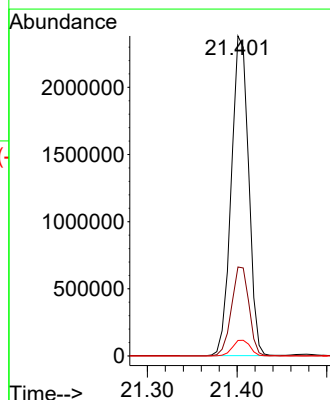
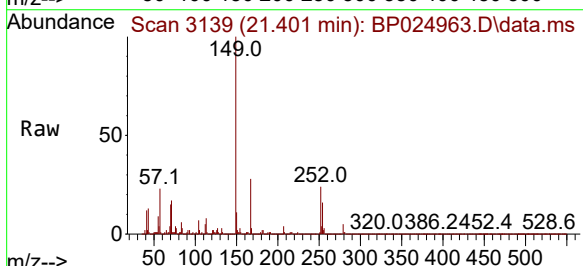
Tgt Ion:149 Resp: 3185295

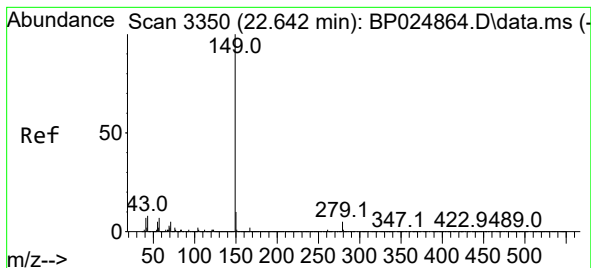
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.9 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 54.313 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

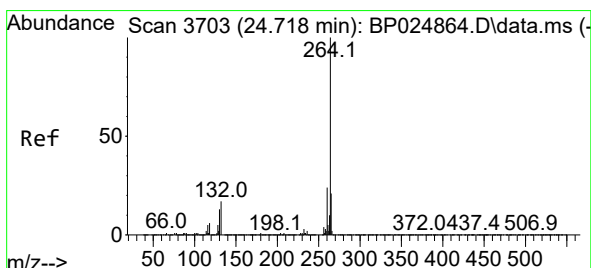
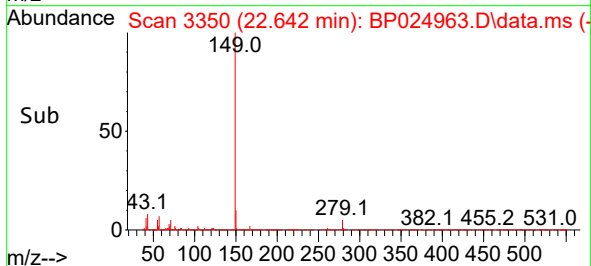
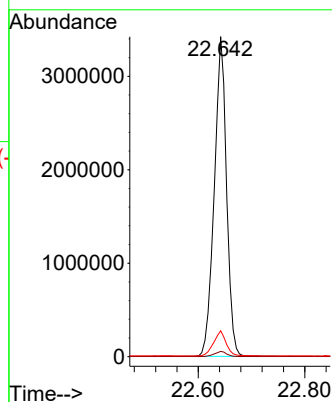
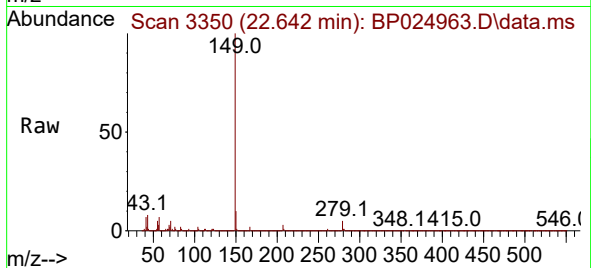
Tgt Ion:149 Resp: 5456819

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.035 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

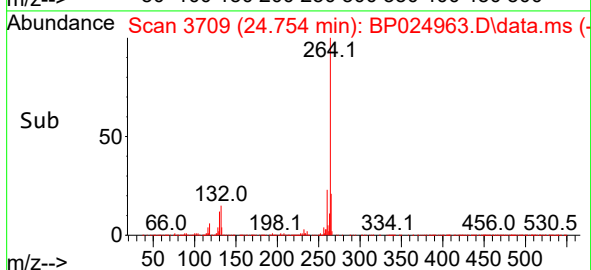
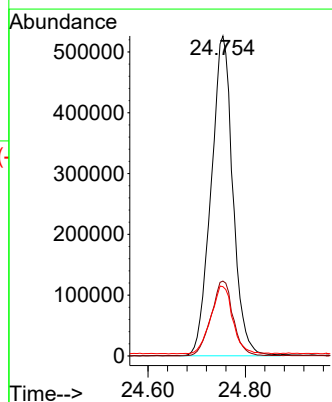
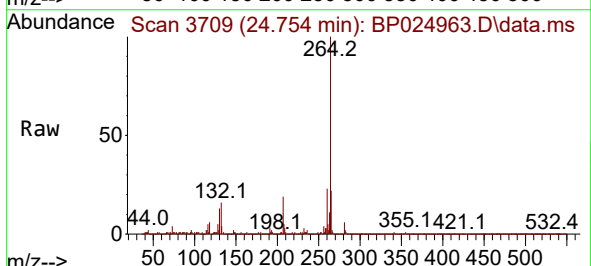
Tgt Ion:264 Resp: 1626146

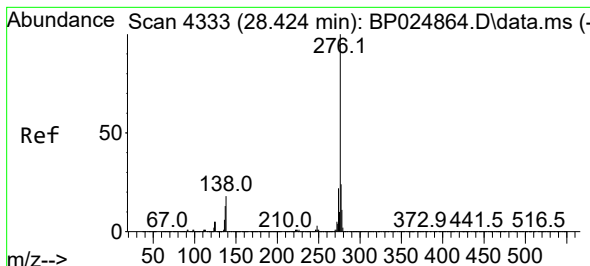
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.282 ng

RT: 28.453 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

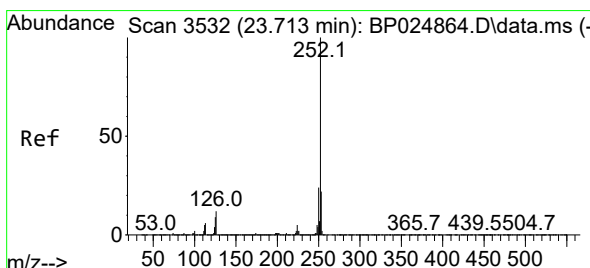
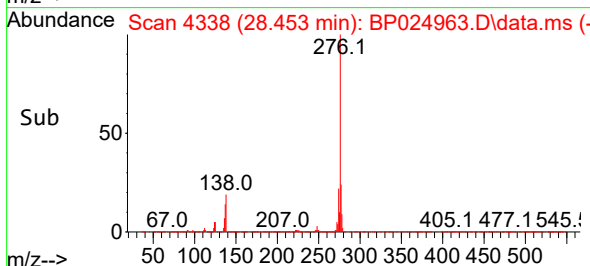
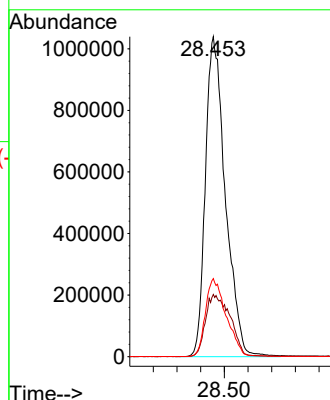
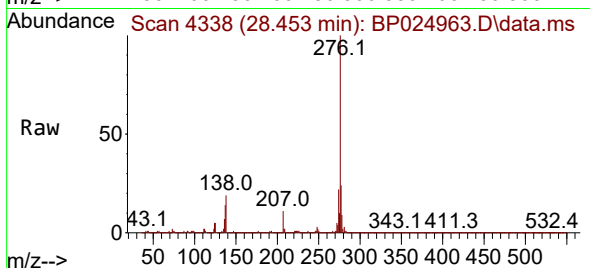
Tgt Ion:276 Resp: 6084448

Ion Ratio Lower Upper

276 100

138 23.9 18.6 27.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.434 ng

RT: 23.724 min Scan# 3534

Delta R.T. 0.012 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

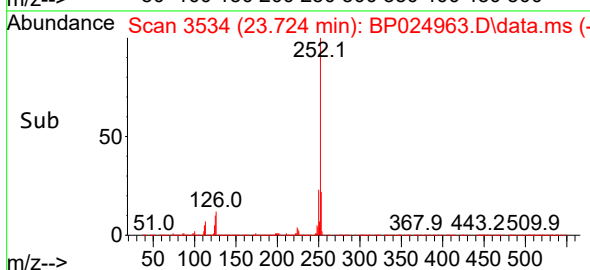
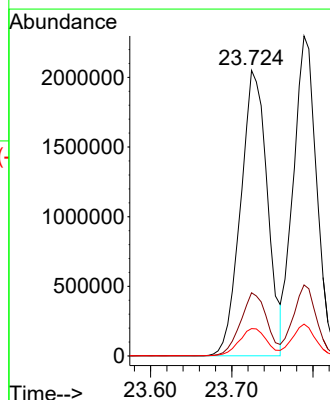
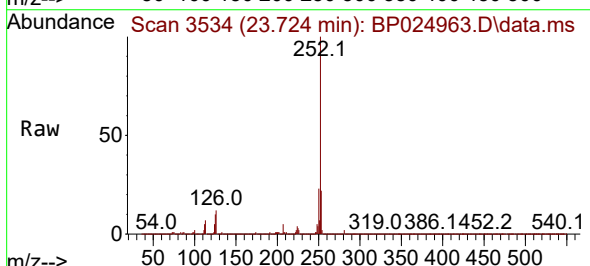
Tgt Ion:252 Resp: 4693639

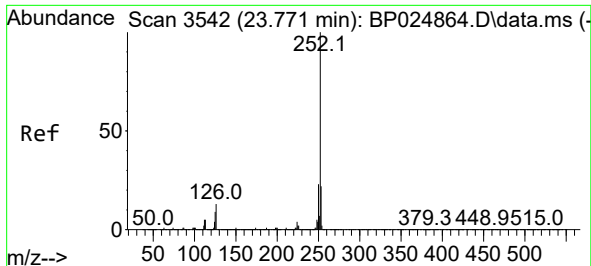
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.6 7.1 10.7

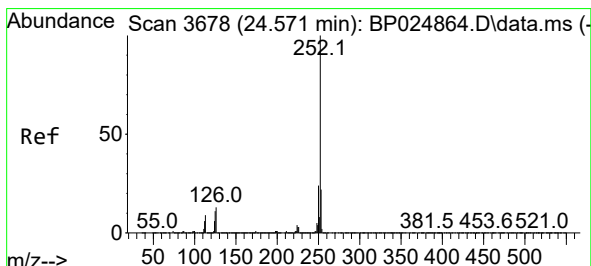
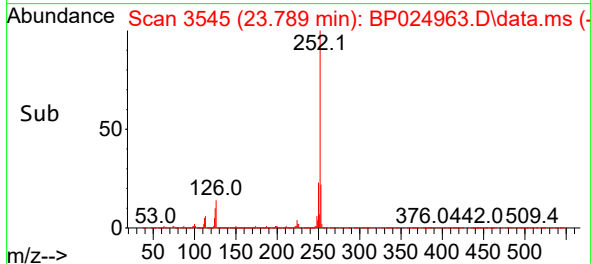
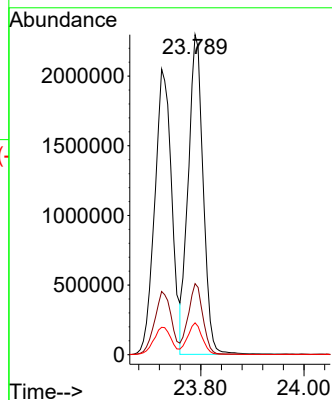
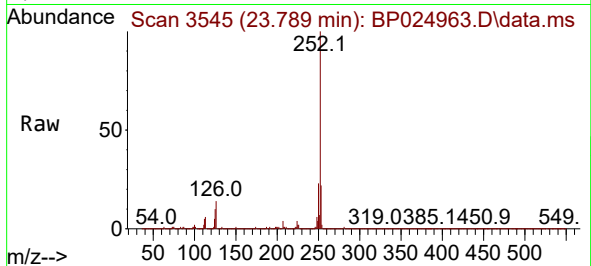




#89
Benzo(k)fluoranthene
Concen: 48.477 ng
RT: 23.789 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

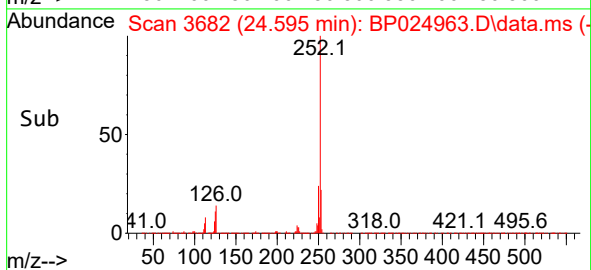
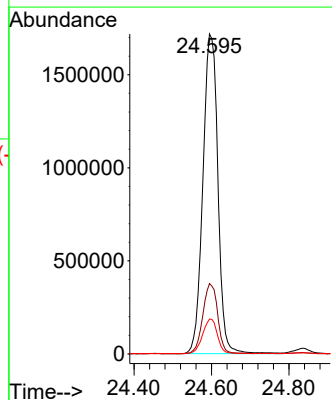
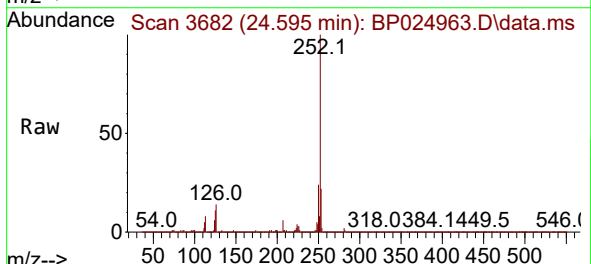
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

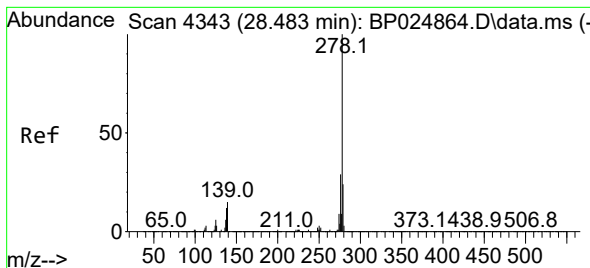
Tgt Ion:252 Resp: 4592266
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 50.801 ng
RT: 24.595 min Scan# 3682
Delta R.T. 0.023 min
Lab File: BP024963.D
Acq: 16 Jun 2025 16:23

Tgt Ion:252 Resp: 4617069
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.733 ng

RT: 28.518 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

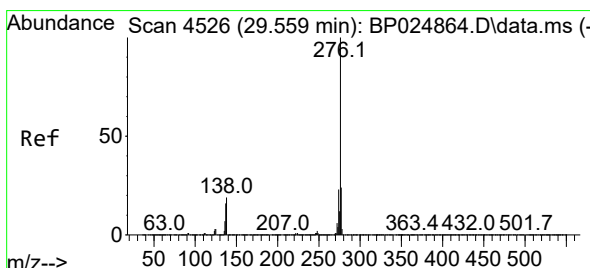
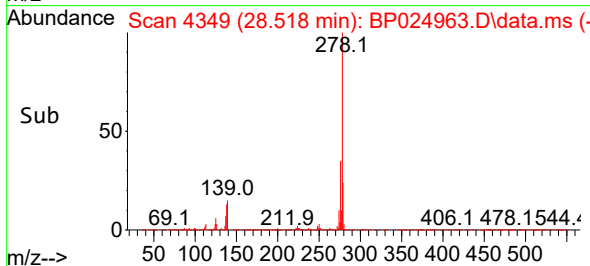
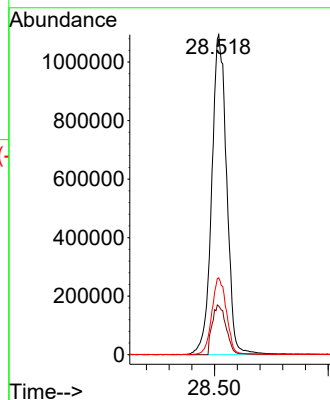
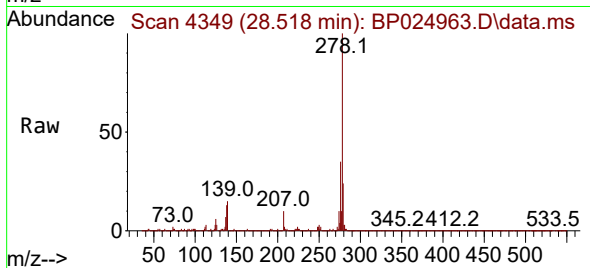
Tgt Ion:278 Resp: 4996119

Ion Ratio Lower Upper

278 100

139 15.2 12.0 18.0

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.752 ng

RT: 29.612 min Scan# 4535

Delta R.T. 0.053 min

Lab File: BP024963.D

Acq: 16 Jun 2025 16:23

Tgt Ion:276 Resp: 4863170

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 20.7 15.4 23.2

