

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024959.D
 Acq On : 16 Jun 2025 13:36
 Operator : RC/JU
 Sample : PB168456BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168456BS

Quant Time: Jun 16 14:25:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	328600	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1260909	20.000	ng	0.00
39) Acenaphthene-d10	14.249	164	718849	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1268587	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1223109	20.000	ng	0.01
86) Perylene-d12	24.760	264	1486300	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2928975	148.784	ng	0.00
7) Phenol-d6	6.819	99	3557511	136.582	ng	0.00
23) Nitrobenzene-d5	8.761	82	2196387	84.645	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1387842	139.643	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4695276	87.989	ng	0.00
79) Terphenyl-d14	19.789	244	6043937	88.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	316047	36.486	ng	99
3) Pyridine	3.561	79	830863	39.885	ng	98
4) n-Nitrosodimethylamine	3.478	42	390420	45.843	ng	96
6) Aniline	6.949	93	1233741	37.116	ng	99
8) 2-Chlorophenol	7.184	128	1123987	50.365	ng	99
9) Benzaldehyde	6.761	77	518718	34.551	ng	100
10) Phenol	6.843	94	1316415	49.026	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	1005016	47.588	ng	99
12) 1,3-Dichlorobenzene	7.496	146	1166810	46.867	ng	98
13) 1,4-Dichlorobenzene	7.637	146	1176350	46.829	ng	99
14) 1,2-Dichlorobenzene	7.949	146	1133269	45.942	ng	99
15) Benzyl Alcohol	7.861	79	936806	46.863	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.119	45	1263501	45.710	ng	99
17) 2-Methylphenol	8.072	107	883933	47.142	ng	98
18) Hexachloroethane	8.666	117	438343	46.349	ng	98
19) n-Nitroso-di-n-propyla...	8.408	70	744840	42.065	ng	100
20) 3+4-Methylphenols	8.396	107	1154919	45.146	ng	96
22) Acetophenone	8.425	105	1515435	47.570	ng	# 99
24) Nitrobenzene	8.802	77	1117473	48.476	ng	99
25) Isophorone	9.325	82	2055947	45.717	ng	100
26) 2-Nitrophenol	9.508	139	590354	51.904	ng	98
27) 2,4-Dimethylphenol	9.578	122	960077	49.321	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	1288530	48.033	ng	99
29) 2,4-Dichlorophenol	10.055	162	961517	51.479	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	1014221	48.144	ng	100
31) Naphthalene	10.431	128	3106409	48.074	ng	99
32) Benzoic acid	9.790	122	654783	49.777	ng	97
33) 4-Chloroaniline	10.555	127	642739	23.742	ng	99
34) Hexachlorobutadiene	10.708	225	642297	50.586	ng	100
35) Caprolactam	11.360	113	290691	42.281	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	1019944	47.344	ng	100
37) 2-Methylnaphthalene	12.049	142	1943163	47.408	ng	100
38) 1-Methylnaphthalene	12.272	142	2019613	46.088	ng	98
40) 1,2,4,5-Tetrachloroben...	12.425	216	1076394	52.770	ng	99
41) Hexachlorocyclopentadiene	12.396	237	1324279	106.442	ng	98
43) 2,4,6-Trichlorophenol	12.684	196	729433	53.249	ng	99

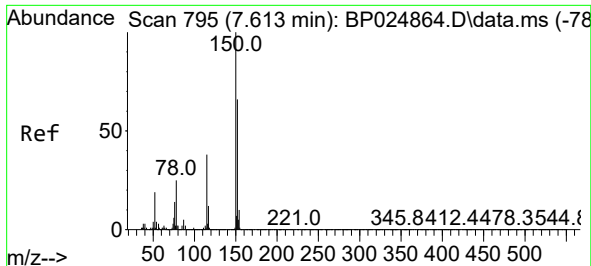
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 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	792022	53.989	ng	98
46) 1,1'-Biphenyl	13.072	154	2696914	51.625	ng	99
47) 2-Chloronaphthalene	13.119	162	2070610	51.571	ng	100
48) 2-Nitroaniline	13.343	65	617505	50.026	ng	95
49) Acenaphthylene	13.972	152	3312325	49.477	ng	100
50) Dimethylphthalate	13.713	163	2510961	47.351	ng	100
51) 2,6-Dinitrotoluene	13.843	165	562957	49.245	ng	98
52) Acenaphthene	14.313	154	1900355	49.537	ng	99
53) 3-Nitroaniline	14.184	138	358175	30.191	ng	100
54) 2,4-Dinitrophenol	14.407	184	709102	94.198	ng	95
55) Dibenzofuran	14.660	168	2952003	47.939	ng	100
56) 4-Nitrophenol	14.543	139	833506	82.788	ng	99
57) 2,4-Dinitrotoluene	14.648	165	764915	47.833	ng	96
58) Fluorene	15.325	166	2371123	47.666	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	650753	49.648	ng	99
60) Diethylphthalate	15.101	149	2499846	47.302	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1185863	48.755	ng	97
62) 4-Nitroaniline	15.372	138	511114	47.516	ng	93
63) Azobenzene	15.619	77	2324635	47.961	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	436282	52.339	ng	97
66) n-Nitrosodiphenylamine	15.543	169	2061801	52.436	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	766194	53.528	ng	96
68) Hexachlorobenzene	16.354	284	910568	52.475	ng	97
69) Atrazine	16.519	200	725483	50.896	ng	98
70) Pentachlorophenol	16.719	266	1058592	117.873	ng	100
71) Phenanthrene	17.101	178	3461052	49.370	ng	99
72) Anthracene	17.195	178	3567799	50.251	ng	99
73) Carbazole	17.484	167	3257560	49.500	ng	99
74) Di-n-butylphthalate	18.066	149	4105497	50.352	ng	100
75) Fluoranthene	19.195	202	3800091	46.768	ng	99
77) Benzidine	19.401	184	1493140	39.416	ng	99
78) Pyrene	19.572	202	3898349	51.017	ng	100
80) Butylbenzylphthalate	20.519	149	1845415	52.724	ng	99
81) Benzo(a)anthracene	21.472	228	3932450	50.269	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1121819	36.122	ng	99
83) Chrysene	21.542	228	3696870	49.875	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2748569	54.809	ng	100
85) Di-n-octyl phthalate	22.642	149	4910375	55.553	ng	99
87) Indeno(1,2,3-cd)pyrene	28.483	276	5723970	52.783	ng	# 88
88) Benzo(b)fluoranthene	23.724	252	4270474	50.205	ng	99
89) Benzo(k)fluoranthene	23.795	252	4343786	50.168	ng	99
90) Benzo(a)pyrene	24.619	252	4240653	51.049	ng	100
91) Dibenzo(a,h)anthracene	28.542	278	4708442	53.341	ng	100
92) Benzo(g,h,i)perylene	29.624	276	4651568	53.111	ng	100

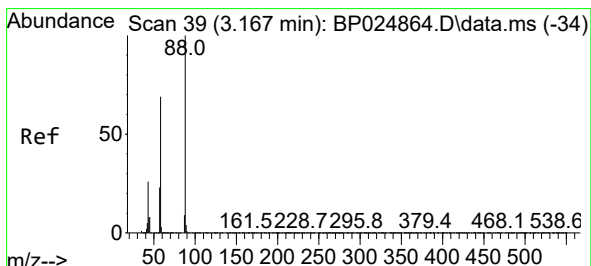
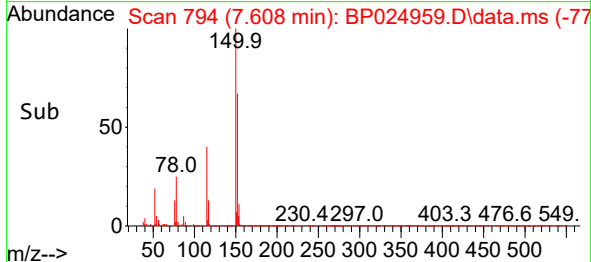
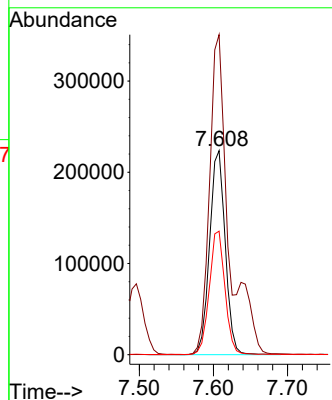
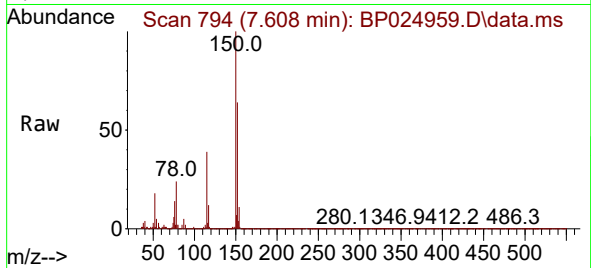
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

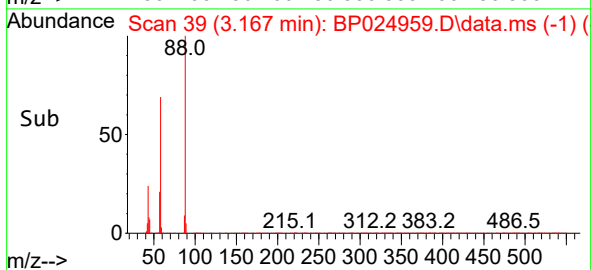
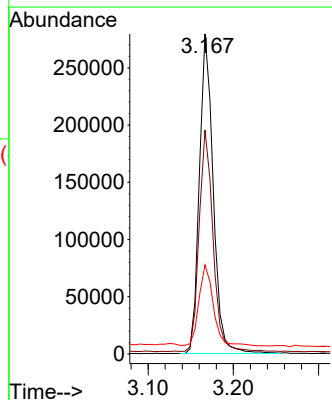
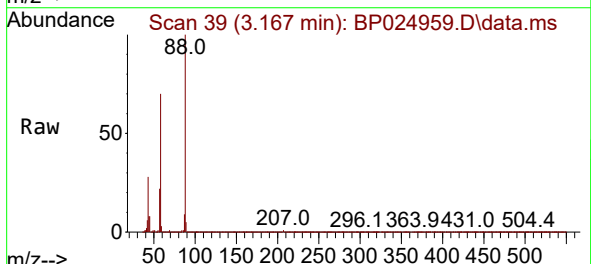
Instrument :
BNA_P
ClientSampleId :
PB168456BS

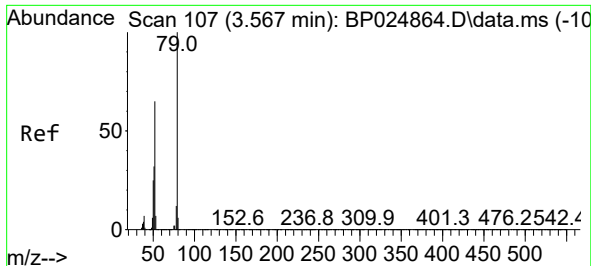
Tgt Ion:152 Resp: 328600
Ion Ratio Lower Upper
152 100
150 156.8 122.1 183.1
115 60.6 46.4 69.6



#2
1,4-Dioxane
Concen: 36.486 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 88 Resp: 316047
Ion Ratio Lower Upper
88 100
58 70.0 55.4 83.0
43 26.4 20.8 31.2

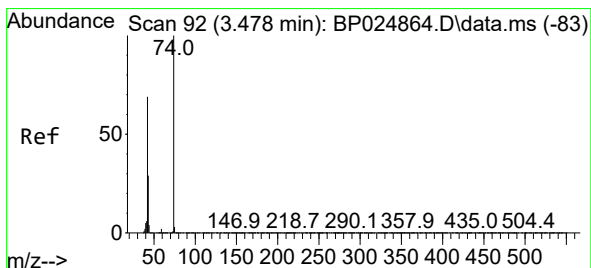
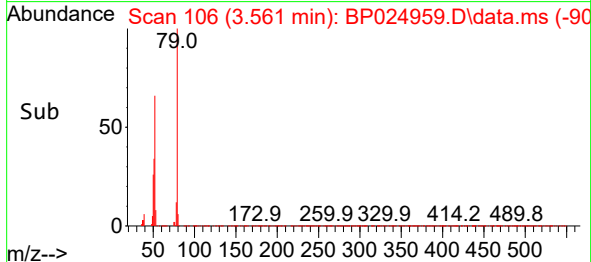
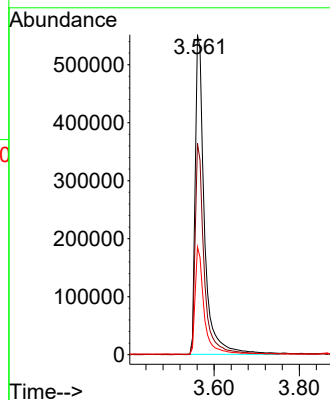
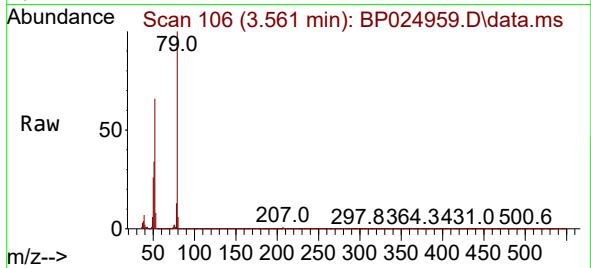




#3
Pyridine
Concen: 39.885 ng
RT: 3.561 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

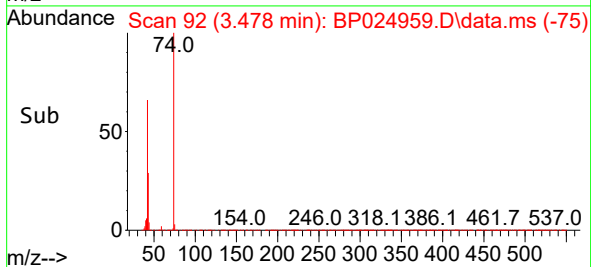
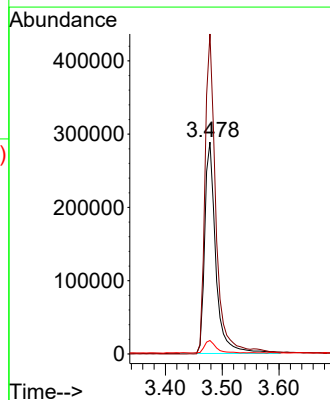
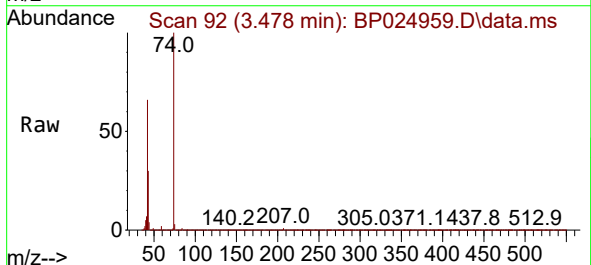
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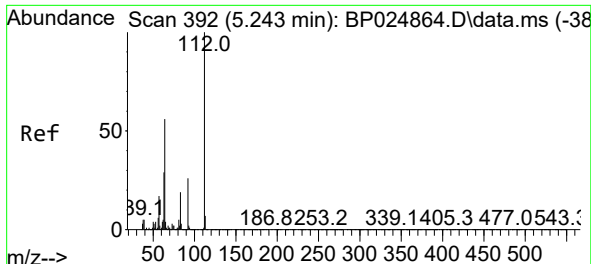
Tgt Ion: 79 Resp: 830863
Ion Ratio Lower Upper
79 100
52 66.1 51.6 77.4
51 33.7 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 45.843 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 42 Resp: 390420
Ion Ratio Lower Upper
42 100
74 151.1 116.6 174.8
44 6.3 5.4 8.0

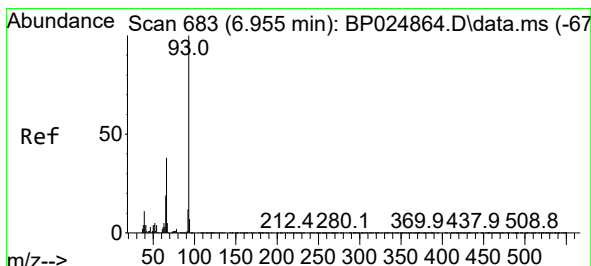
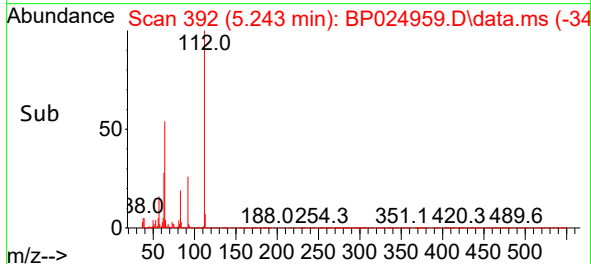
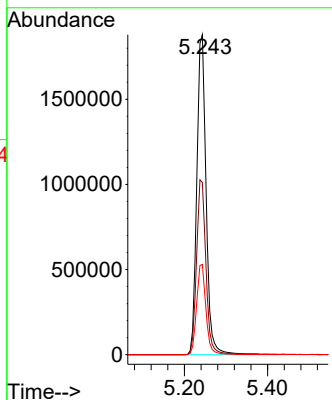
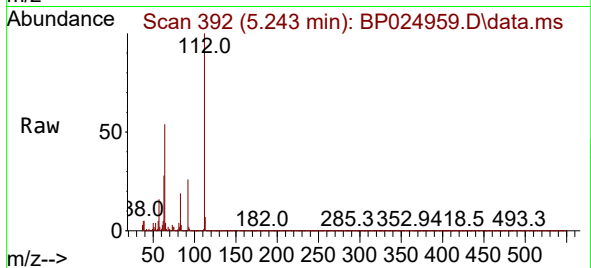




#5
2-Fluorophenol
Concen: 148.784 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

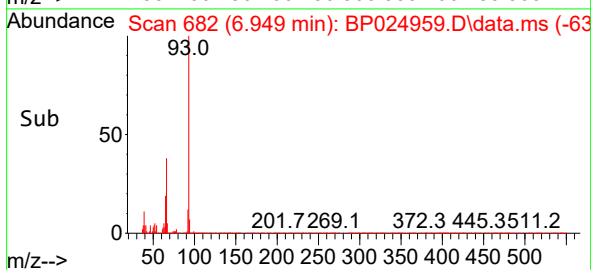
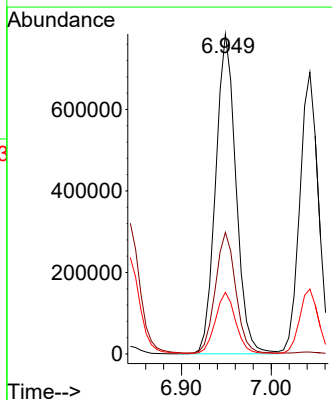
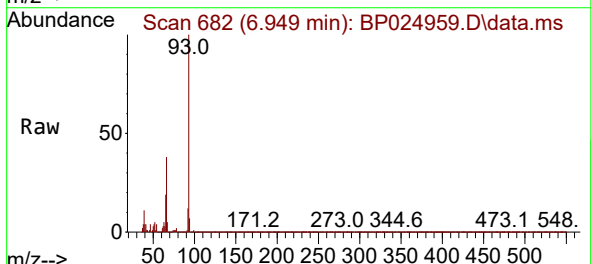
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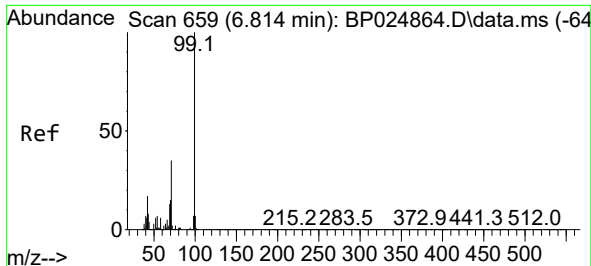
Tgt Ion:112 Resp: 2928975
Ion Ratio Lower Upper
112 100
64 53.9 44.7 67.1
63 28.2 23.5 35.3



#6
Aniline
Concen: 37.116 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 93 Resp: 1233741
Ion Ratio Lower Upper
93 100
66 38.0 30.9 46.3
65 19.2 15.5 23.3

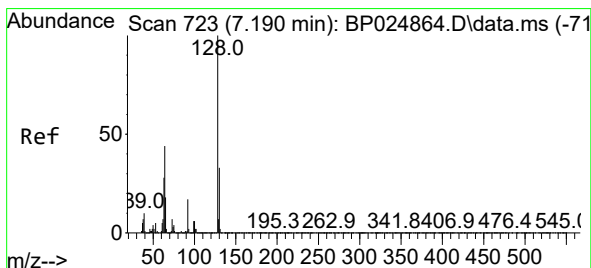
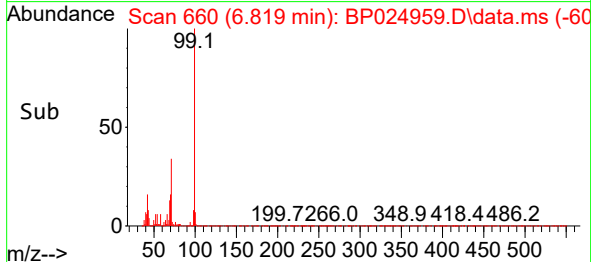
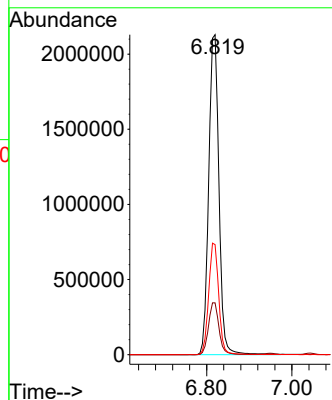
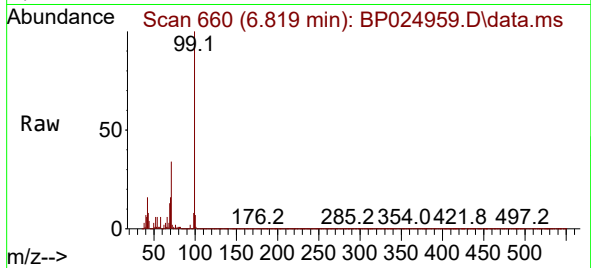




#7
Phenol-d6
Concen: 136.582 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

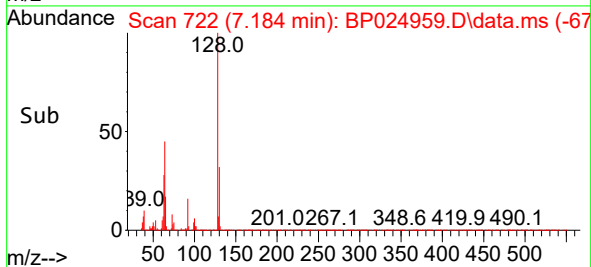
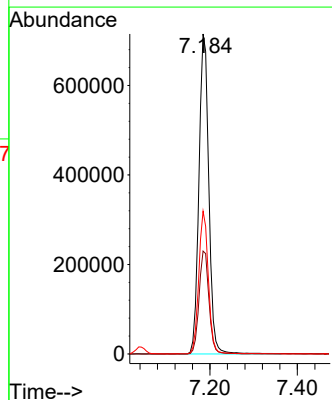
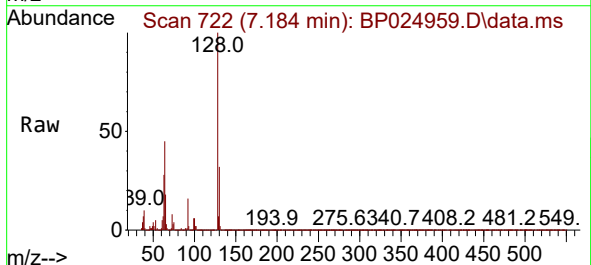
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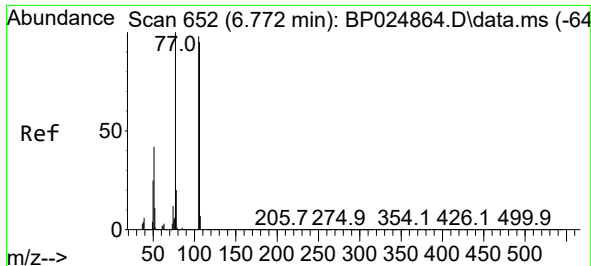
Tgt Ion: 99 Resp: 3557511
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.2
71 34.4 27.6 41.4



#8
2-Chlorophenol
Concen: 50.365 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 128 Resp: 1123987
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 44.6 24.1 64.1

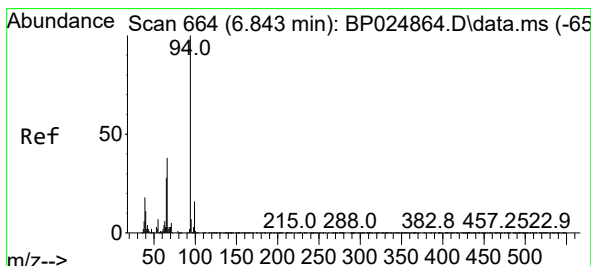
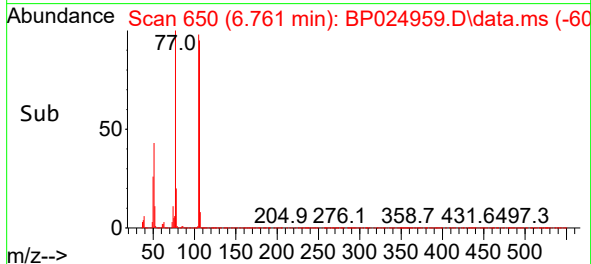
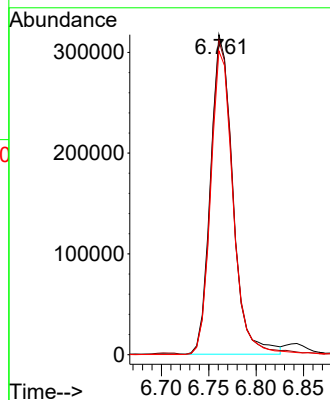
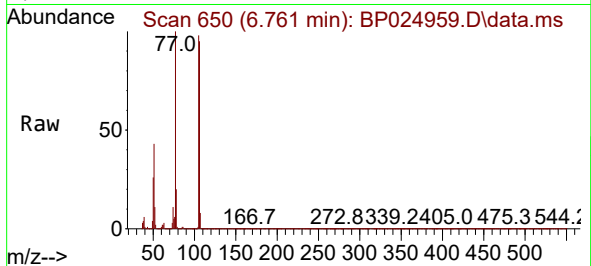




#9
Benzaldehyde
Concen: 34.551 ng
RT: 6.761 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

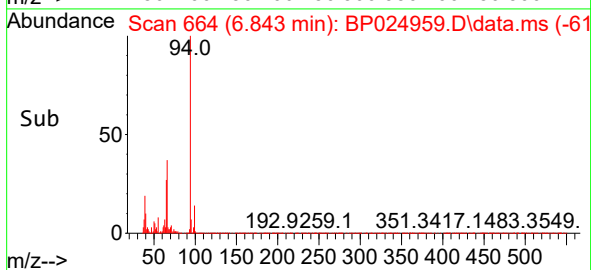
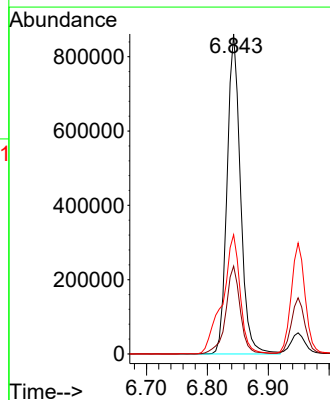
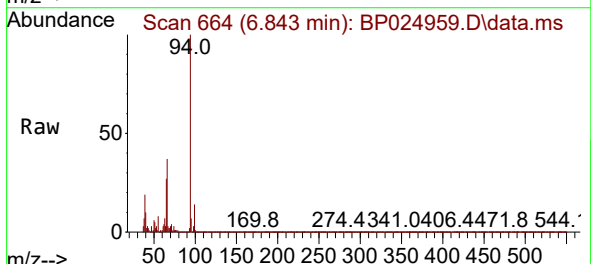
Instrument :
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ClientSampleId :
PB168456BS

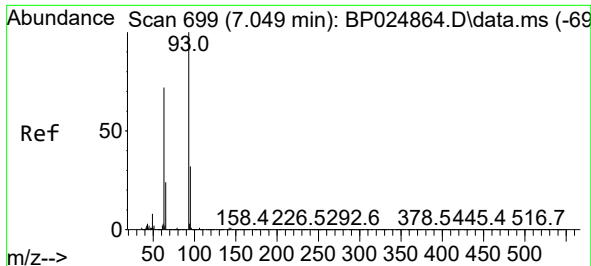
Tgt Ion: 77 Resp: 518718
Ion Ratio Lower Upper
77 100
105 98.2 77.7 117.7
106 94.9 74.8 114.8



#10
Phenol
Concen: 49.026 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 94 Resp: 1316415
Ion Ratio Lower Upper
94 100
65 27.5 8.3 48.3
66 37.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 47.588 ng

RT: 7.043 min Scan# 699

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

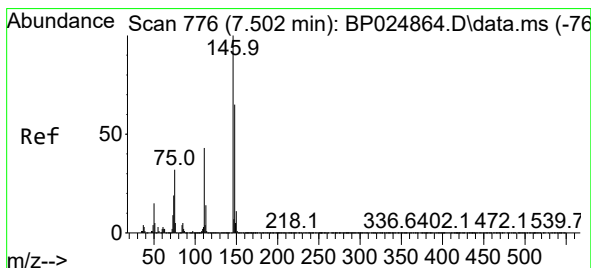
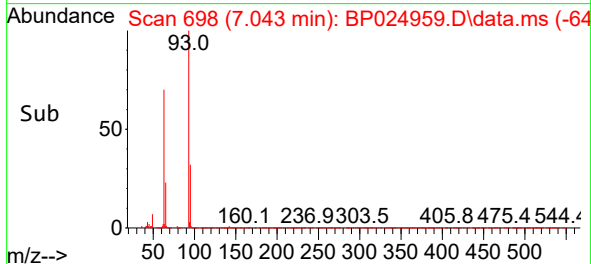
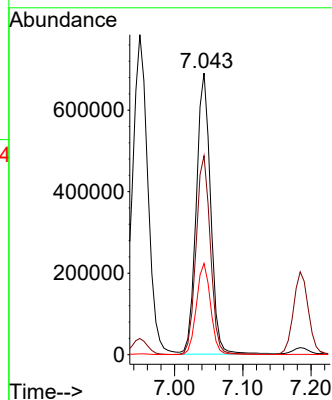
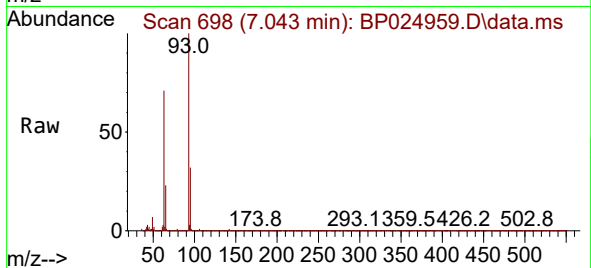
BNA_P

ClientSampleId :

PB168456BS

Tgt Ion: 93 Resp: 1005016

Ion	Ratio	Lower	Upper
93	100		
63	70.6	51.6	91.6
95	32.4	12.1	52.1



#12

1,3-Dichlorobenzene

Concen: 46.867 ng

RT: 7.496 min Scan# 775

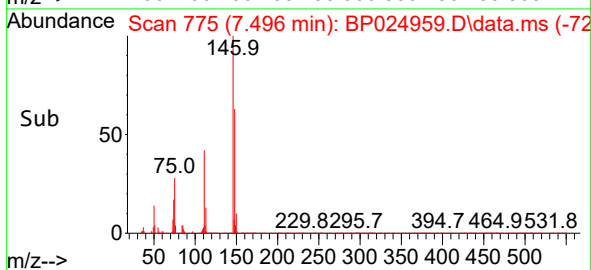
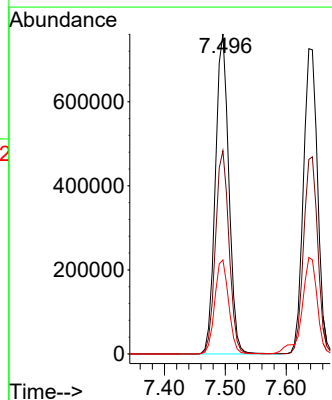
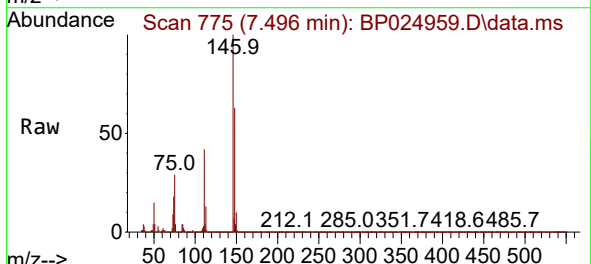
Delta R.T. -0.006 min

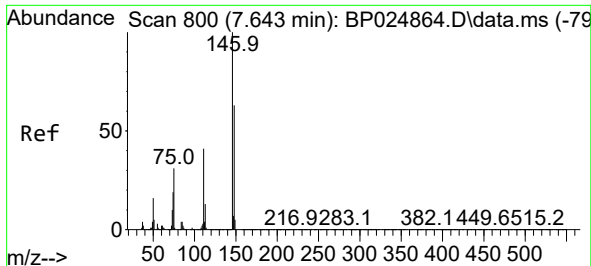
Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Tgt Ion: 146 Resp: 1166810

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	29.4	25.3	37.9

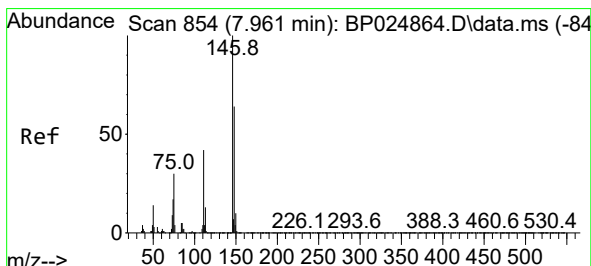
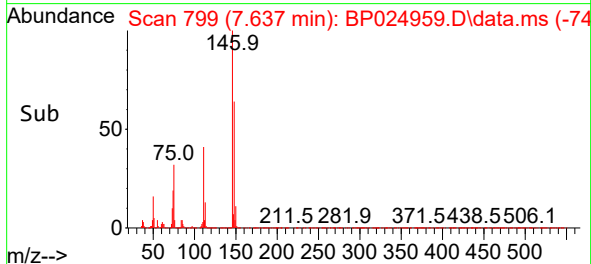
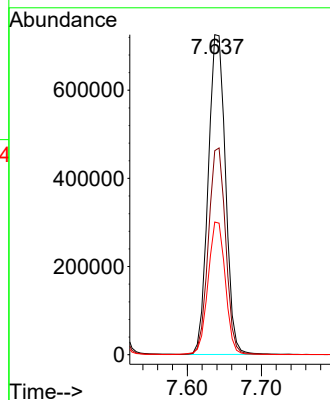
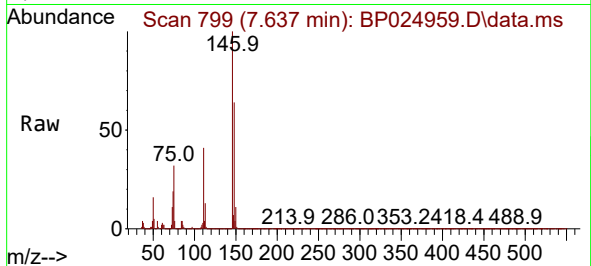




#13
1,4-Dichlorobenzene
Concen: 46.829 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

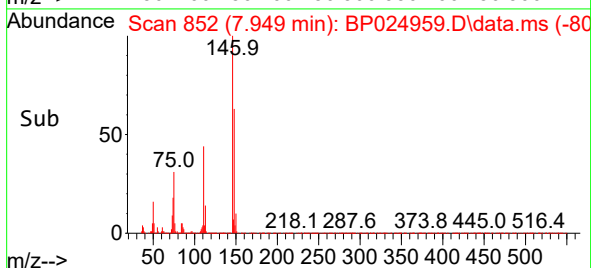
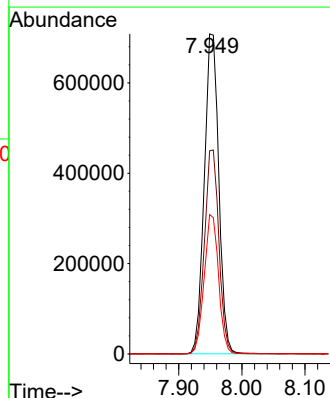
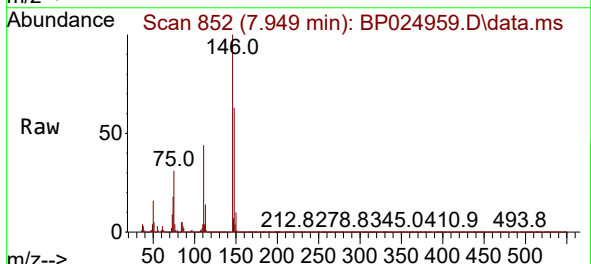
Instrument :
BNA_P
ClientSampleId :
PB168456BS

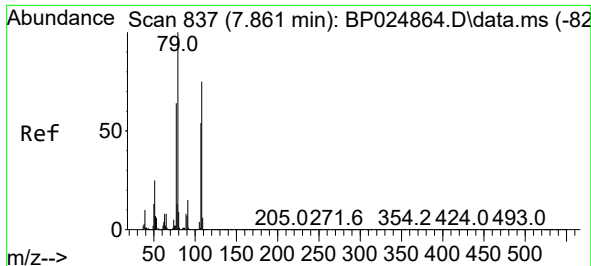
Tgt Ion:146 Resp: 1176350
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 41.5 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 45.942 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:146 Resp: 1133269
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 43.6 33.8 50.8

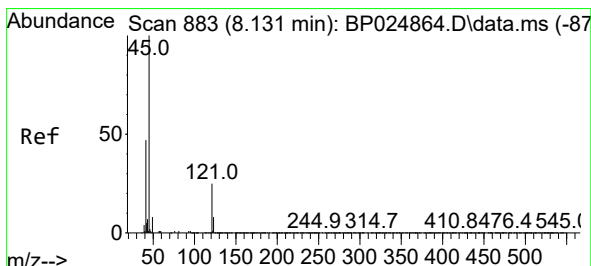
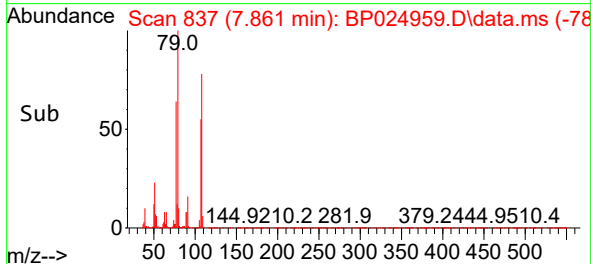
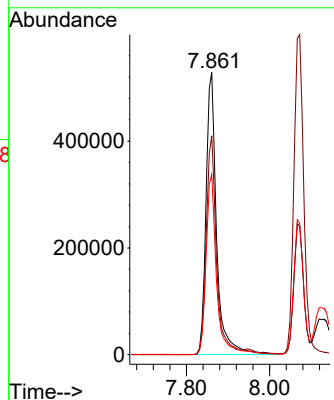
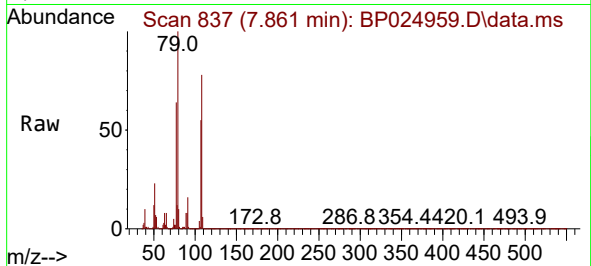




#15
Benzyl Alcohol
Concen: 46.863 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

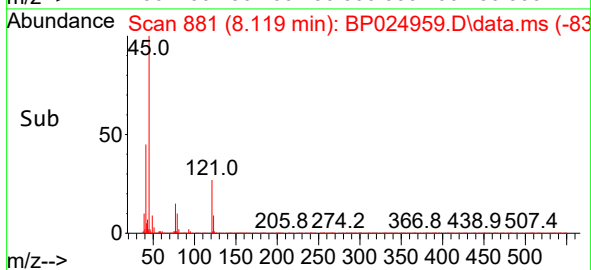
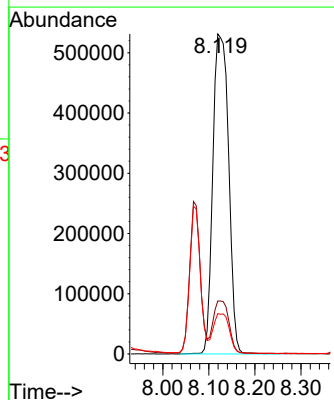
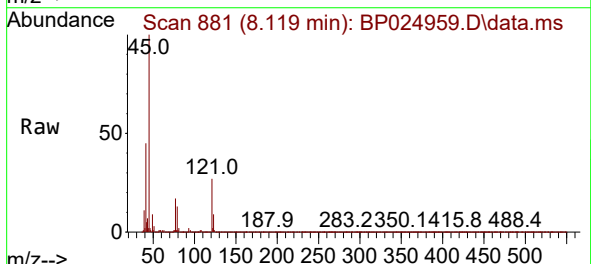
Instrument :
BNA_P
ClientSampleId :
PB168456BS

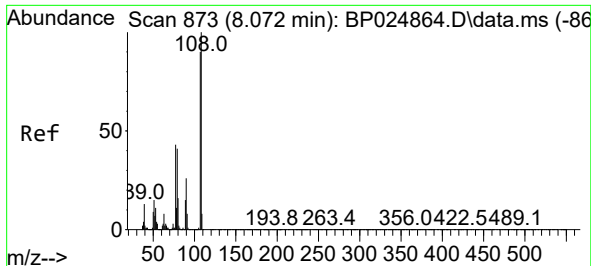
Tgt Ion: 79 Resp: 936806
Ion Ratio Lower Upper
79 100
108 77.6 60.2 90.4
77 63.8 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.710 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 45 Resp: 1263501
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.3
79 12.6 0.0 32.2

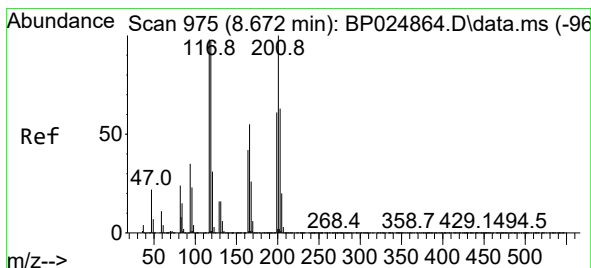
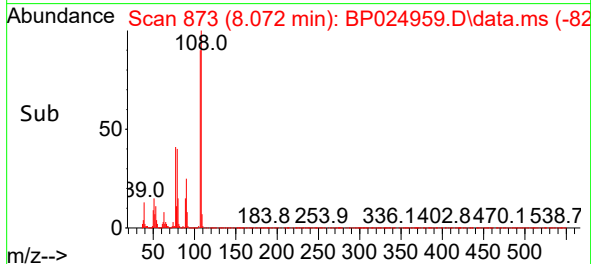
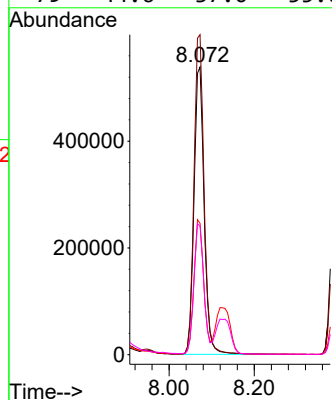
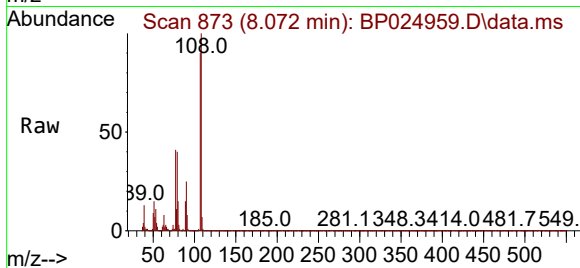




#17
2-Methylphenol
Concen: 47.142 ng
RT: 8.072 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

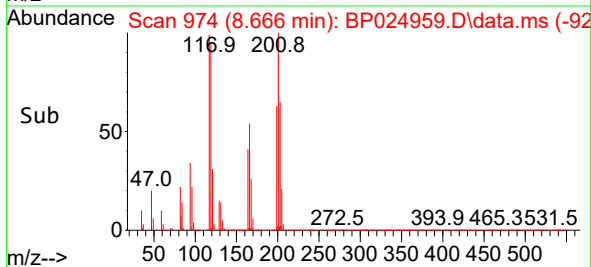
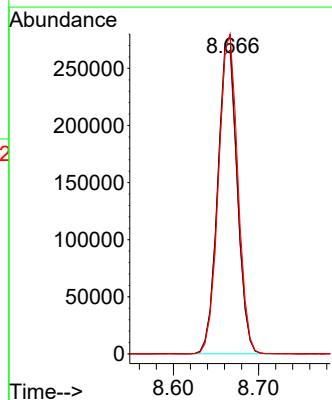
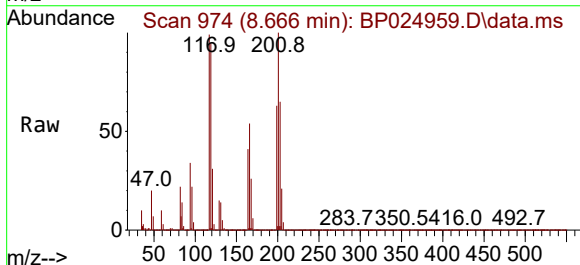
Instrument :
BNA_P
ClientSampleId :
PB168456BS

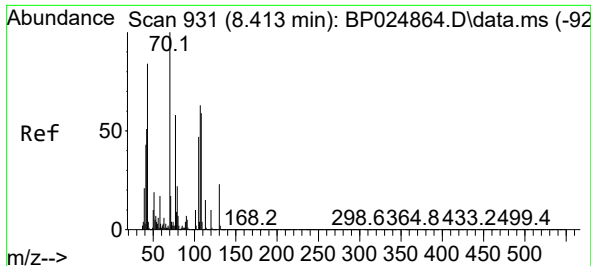
Tgt Ion:107 Resp: 883933
Ion Ratio Lower Upper
107 100
108 111.2 88.6 132.8
77 45.7 38.5 57.7
79 44.6 37.0 55.6



#18
Hexachloroethane
Concen: 46.349 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:117 Resp: 438343
Ion Ratio Lower Upper
117 100
119 95.8 79.4 119.2
201 100.9 81.4 122.2



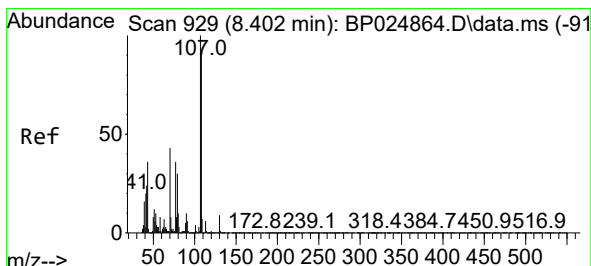
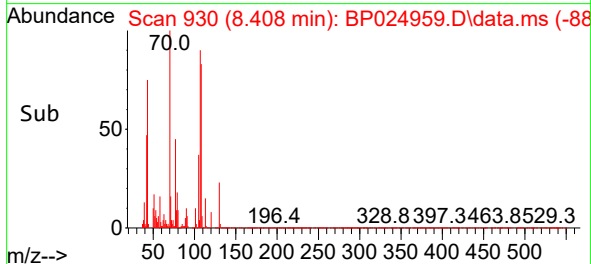
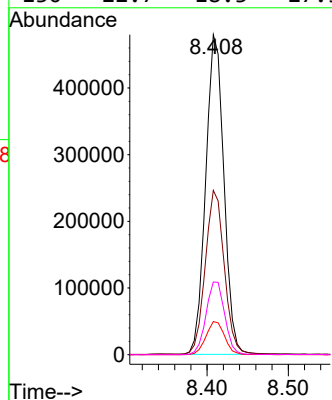
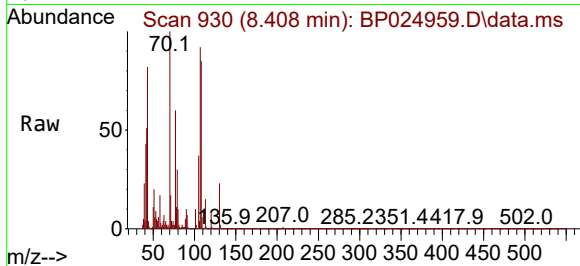


#19
n-Nitroso-di-n-propylamine
Concen: 42.065 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Instrument :
BNA_P
ClientSampleId :
PB168456BS

Tgt Ion: 70 Resp: 744840

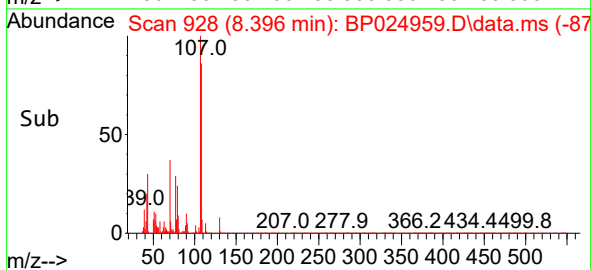
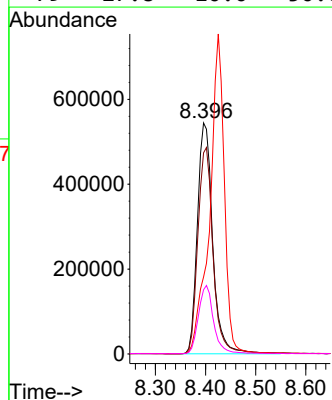
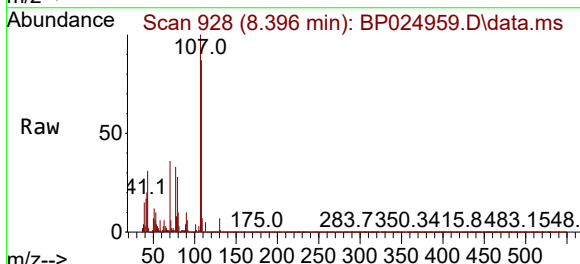
Ion	Ratio	Lower	Upper
70	100		
42	51.4	41.2	61.8
101	10.4	8.3	12.5
130	22.7	18.3	27.5

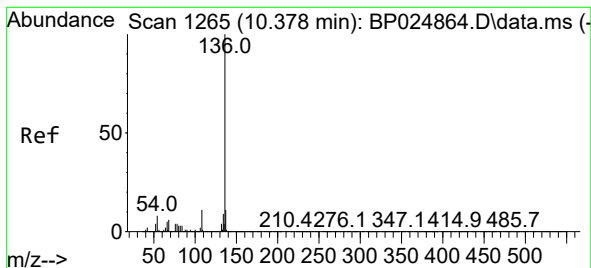


#20
3+4-Methylphenols
Concen: 45.146 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 107 Resp: 1154919

Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.7	110.7
77	33.3	16.6	56.6
79	27.8	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: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

Tgt Ion:136 Resp: 1260909

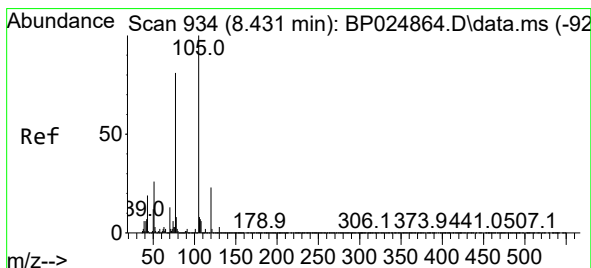
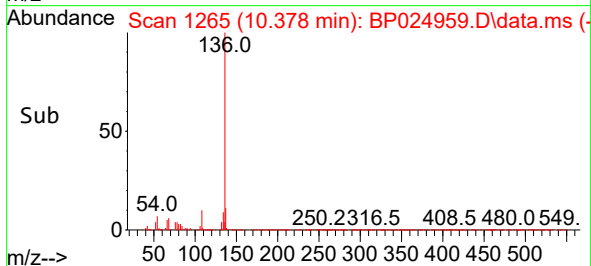
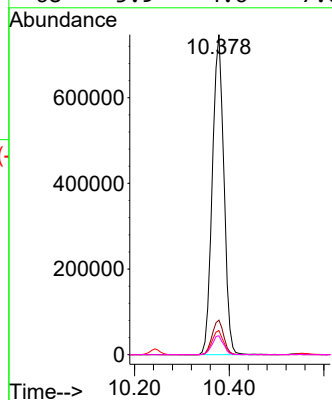
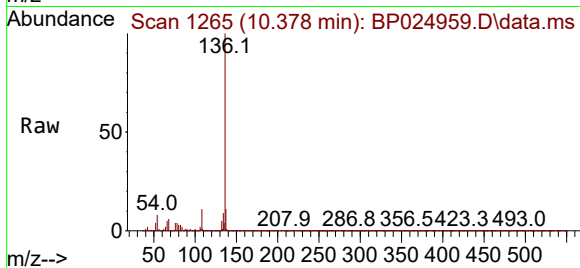
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.1 9.1

68 5.9 4.6 7.0



#22

Acetophenone

Concen: 47.570 ng

RT: 8.425 min Scan# 933

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Tgt Ion:105 Resp: 1515435

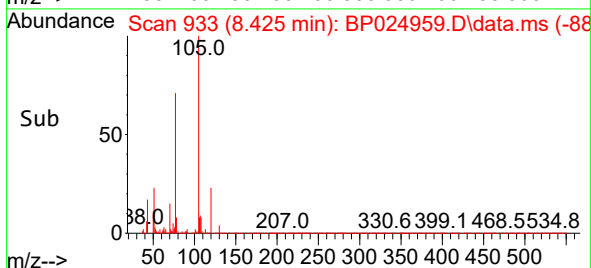
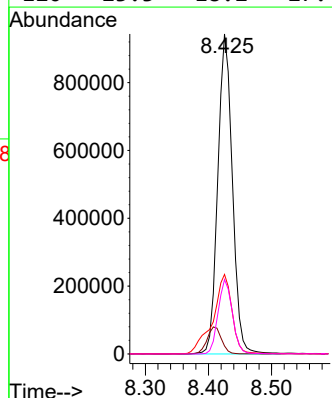
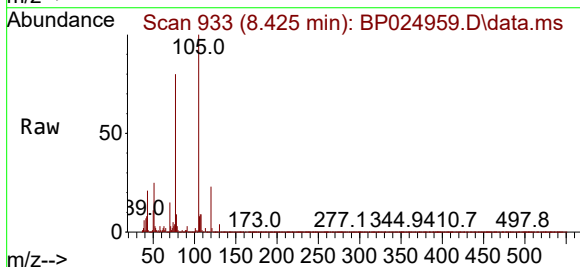
Ion Ratio Lower Upper

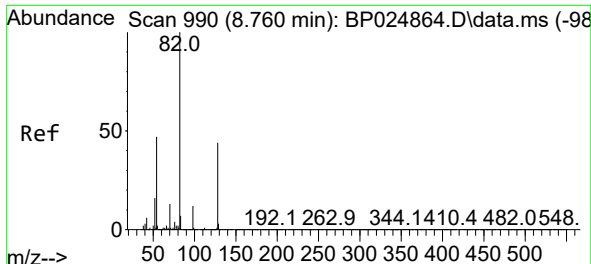
105 100

71 2.5 1.6 2.4

51 24.9 20.6 31.0

120 23.3 18.2 27.4

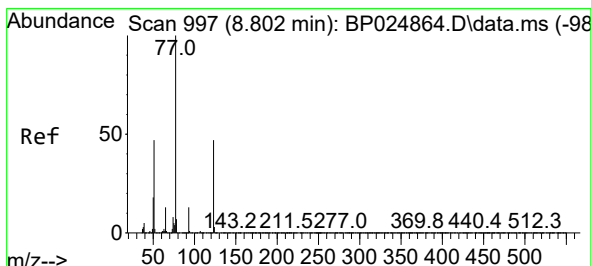
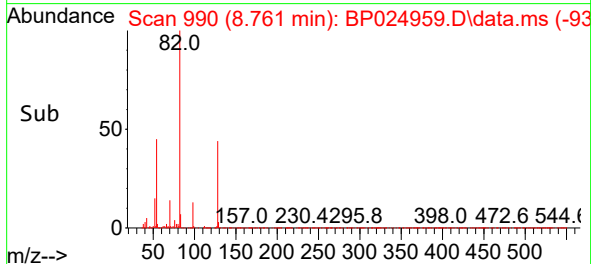
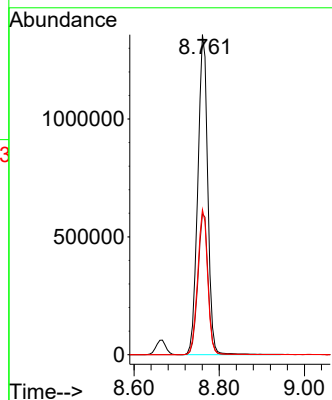
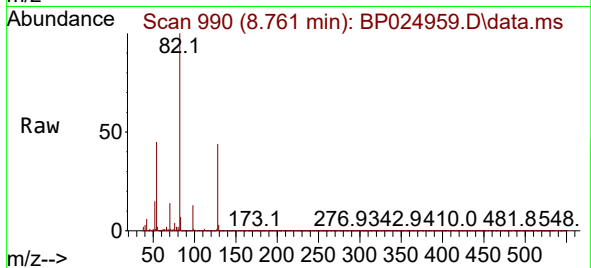




#23
Nitrobenzene-d5
Concen: 84.645 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

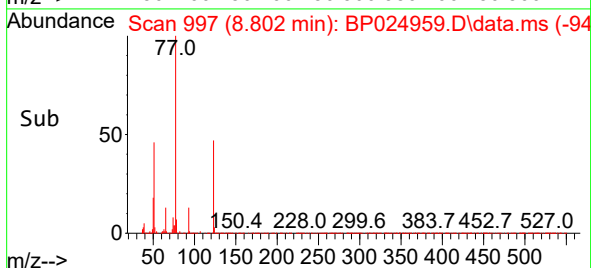
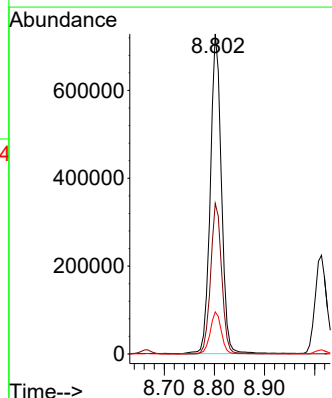
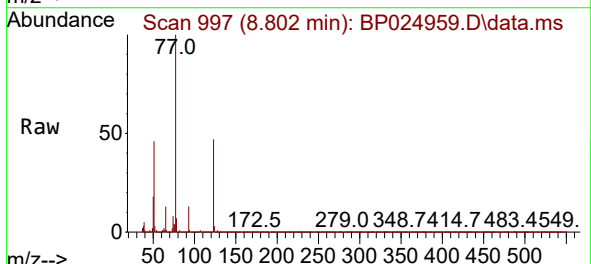
Instrument :
BNA_P
ClientSampleId :
PB168456BS

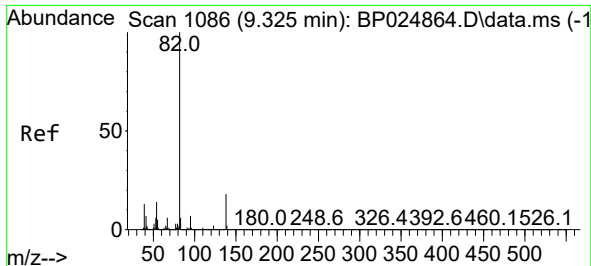
Tgt Ion: 82 Resp: 2196387
Ion Ratio Lower Upper
82 100
128 44.0 35.3 52.9
54 45.3 37.4 56.0



#24
Nitrobenzene
Concen: 48.476 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 77 Resp: 1117473
Ion Ratio Lower Upper
77 100
123 47.1 37.3 55.9
65 13.1 10.8 16.2

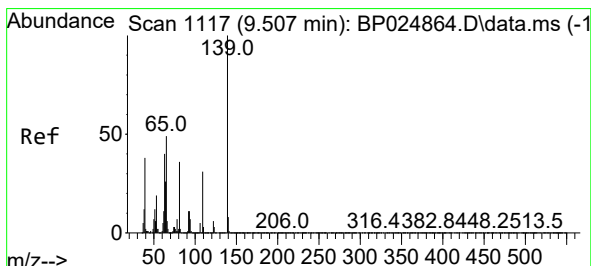
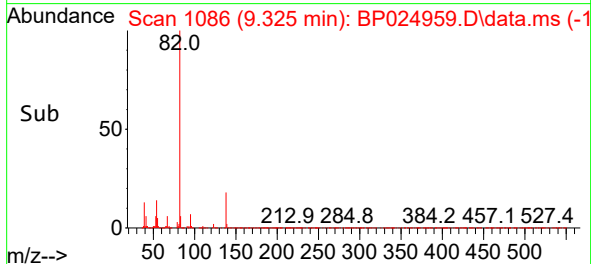
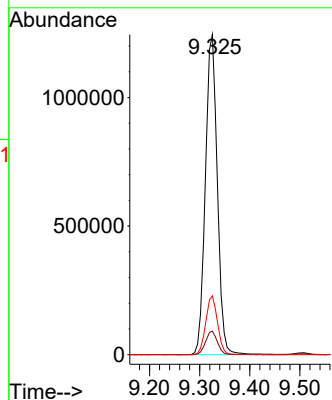
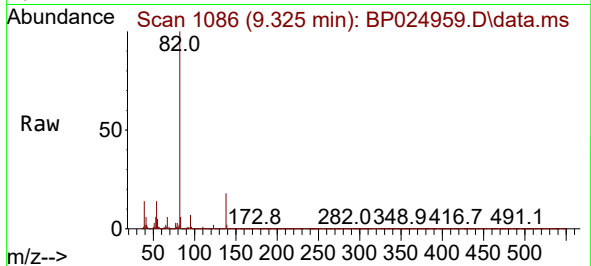




#25
Isophorone
Concen: 45.717 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

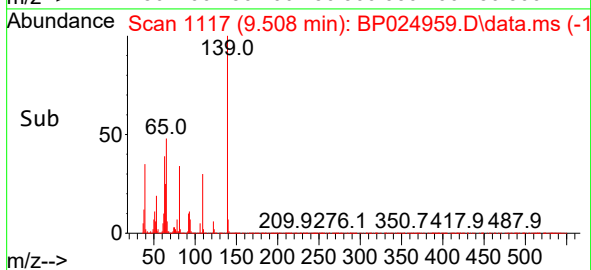
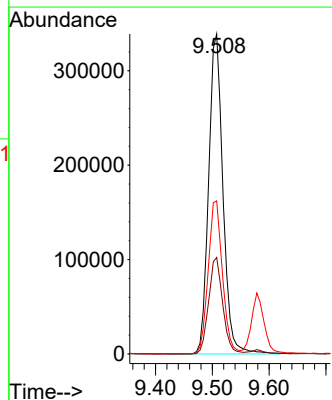
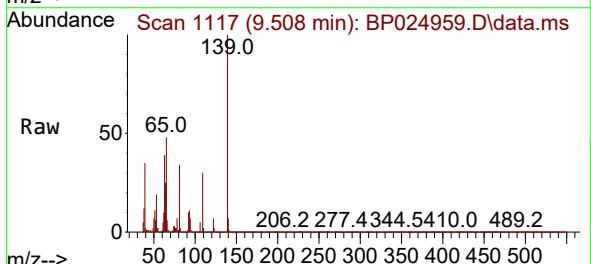
Instrument :
BNA_P
ClientSampleId :
PB168456BS

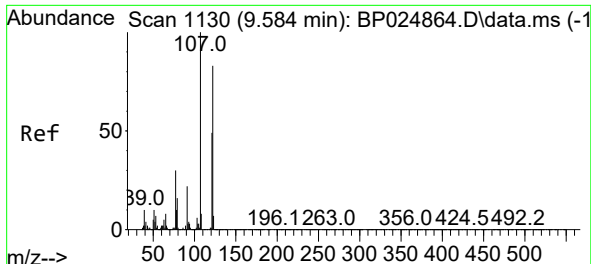
Tgt Ion: 82 Resp: 2055947
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 51.904 ng
RT: 9.508 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:139 Resp: 590354
Ion Ratio Lower Upper
139 100
109 30.1 24.6 37.0
65 47.8 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 49.321 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

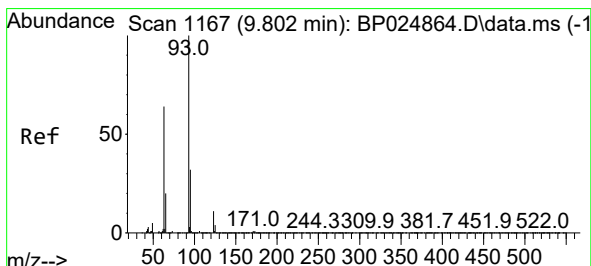
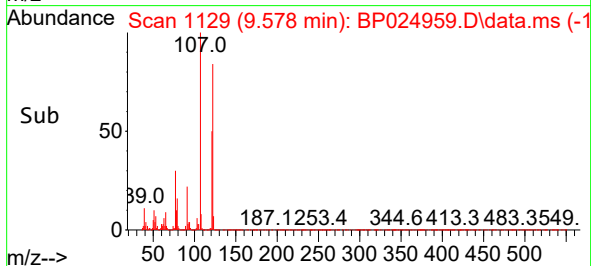
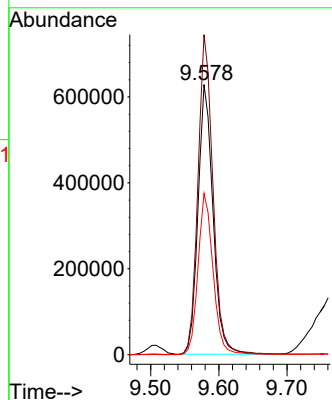
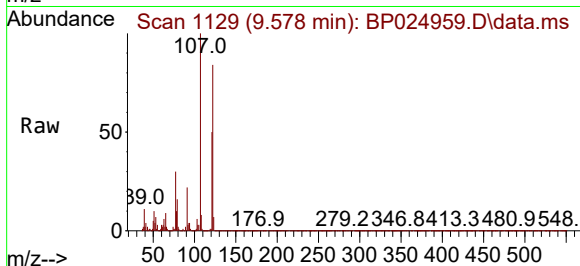
Tgt Ion:122 Resp: 960077

Ion Ratio Lower Upper

122 100

107 118.5 96.2 144.4

121 59.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 48.033 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

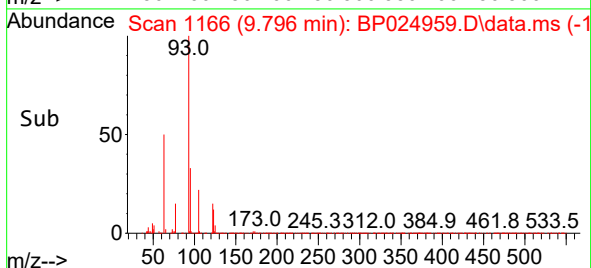
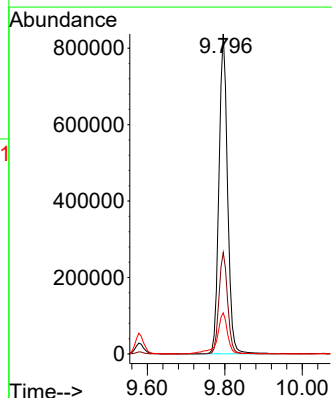
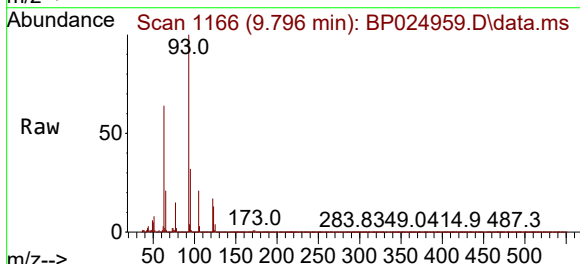
Tgt Ion: 93 Resp: 1288530

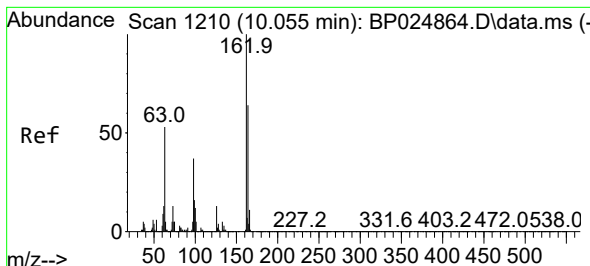
Ion Ratio Lower Upper

93 100

95 31.7 25.5 38.3

123 12.8 9.2 13.8

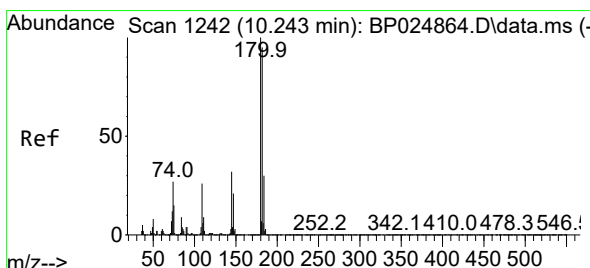
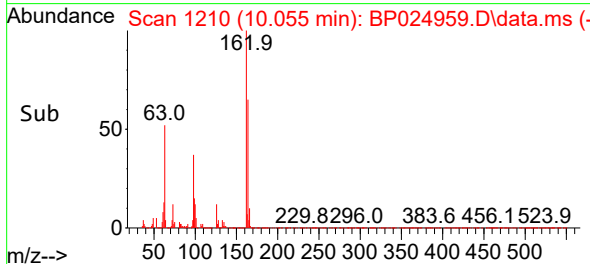
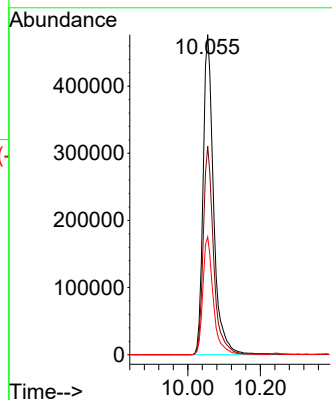
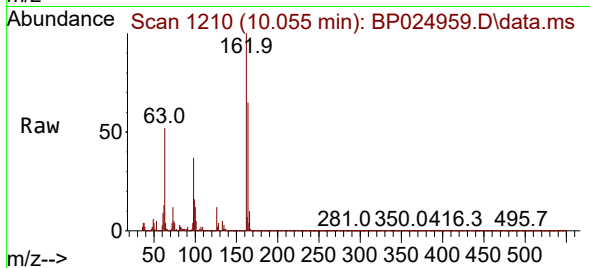




#29
2,4-Dichlorophenol
Concen: 51.479 ng
RT: 10.055 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

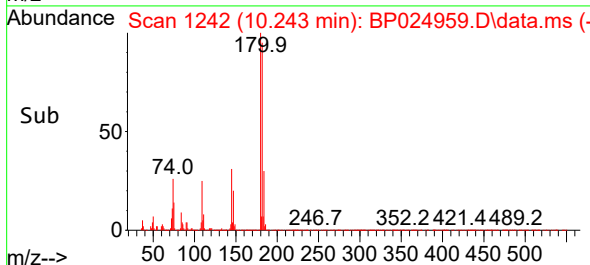
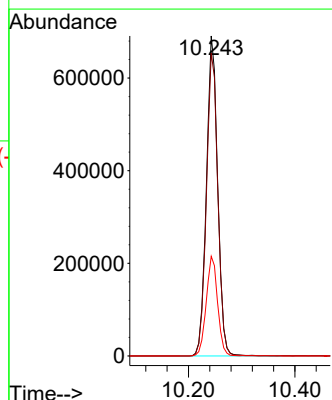
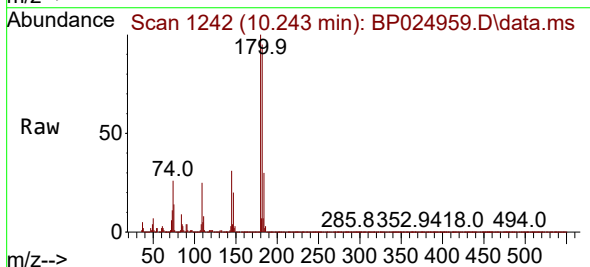
Instrument :
BNA_P
ClientSampleId :
PB168456BS

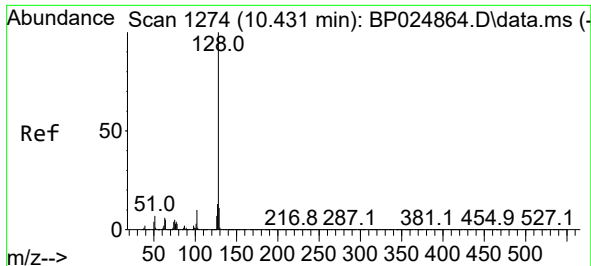
Tgt Ion:162 Resp: 961517
Ion Ratio Lower Upper
162 100
164 65.2 44.0 84.0
98 36.8 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 48.144 ng
RT: 10.243 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:180 Resp: 1014221
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 31.2 25.7 38.5

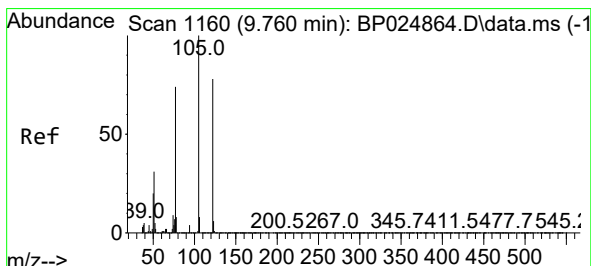
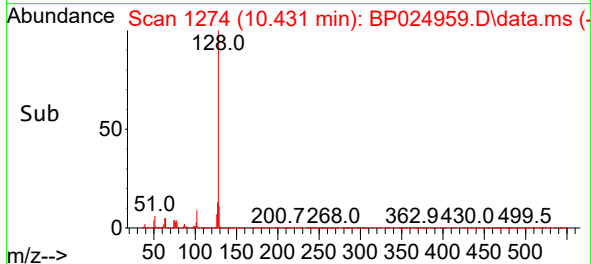
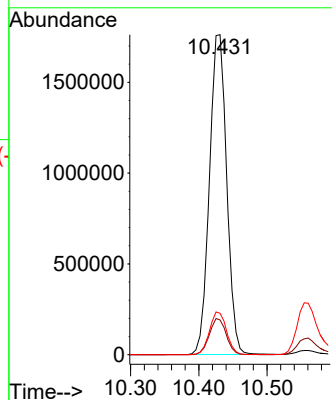
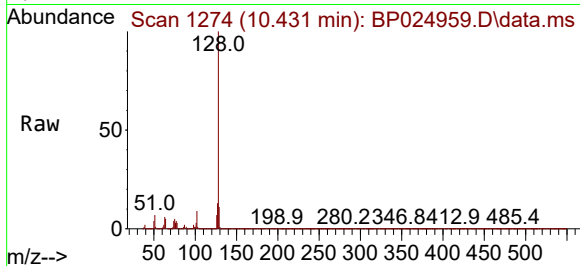




#31
Naphthalene
Concen: 48.074 ng
RT: 10.431 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

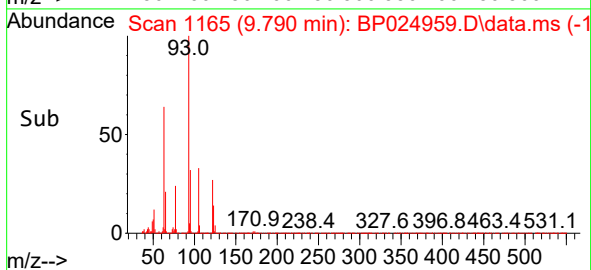
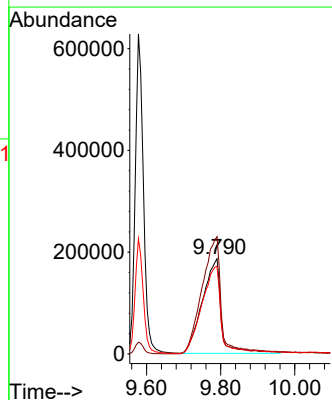
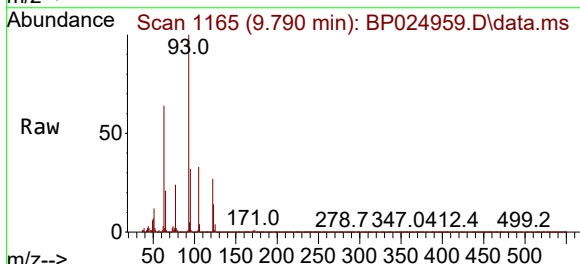
Instrument :
BNA_P
ClientSampleId :
PB168456BS

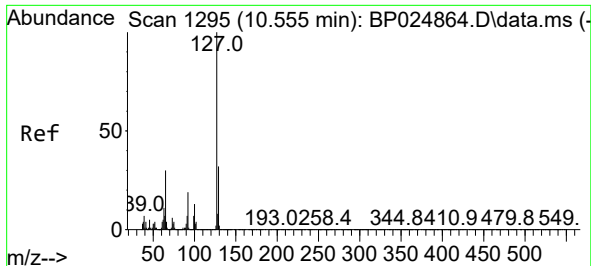
Tgt Ion:128 Resp: 3106409
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 49.777 ng
RT: 9.790 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:122 Resp: 654783
Ion Ratio Lower Upper
122 100
105 123.2 107.1 147.1
77 92.0 75.1 115.1

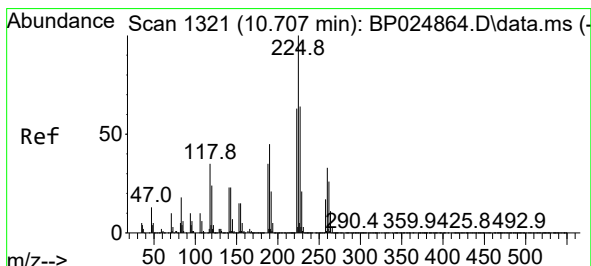
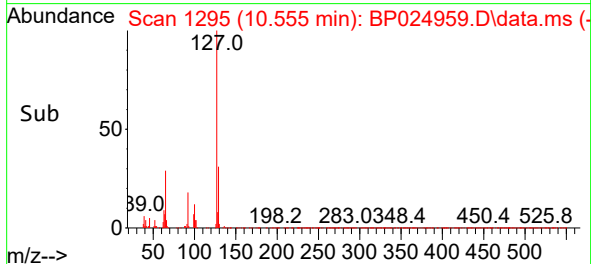
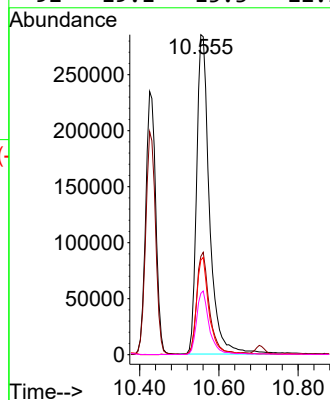
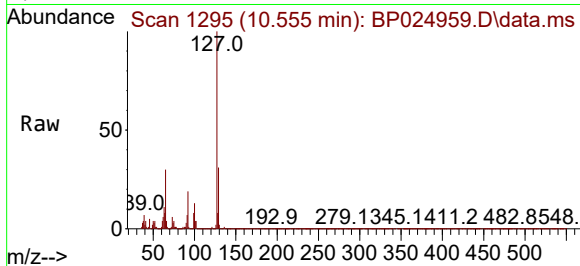




#33
4-Chloroaniline
Concen: 23.742 ng
RT: 10.555 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

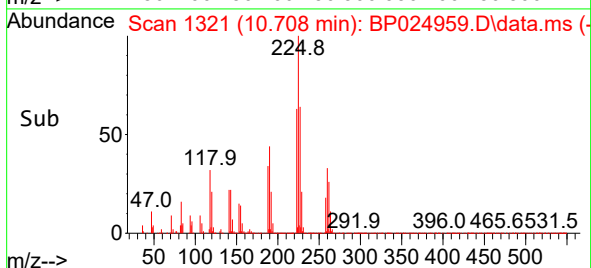
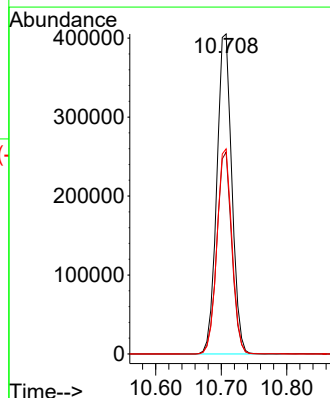
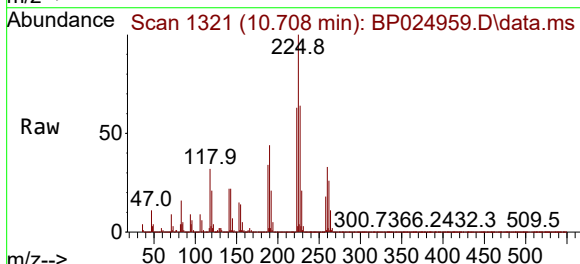
Instrument :
BNA_P
ClientSampleId :
PB168456BS

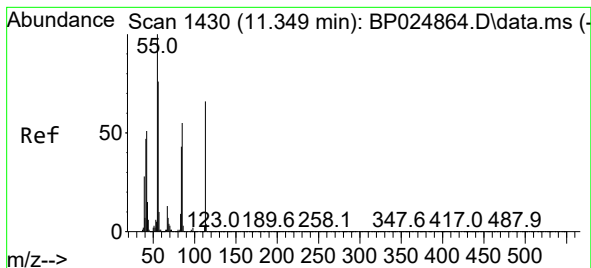
Tgt Ion:	127	Resp:	642739
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	29.6	23.9	35.9
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 50.586 ng
RT: 10.708 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:	225	Resp:	642297
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.5	75.7
227	64.1	51.4	77.2

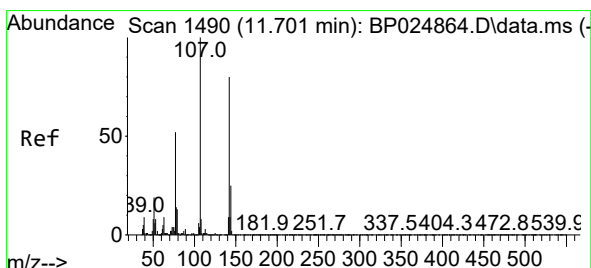
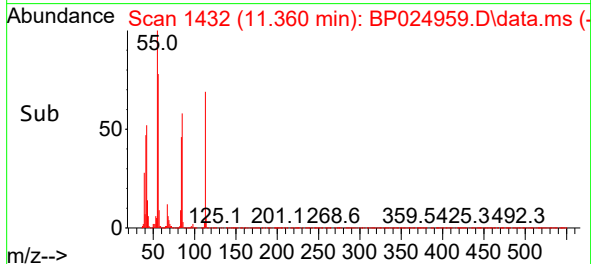
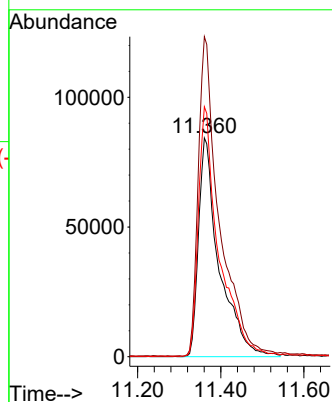
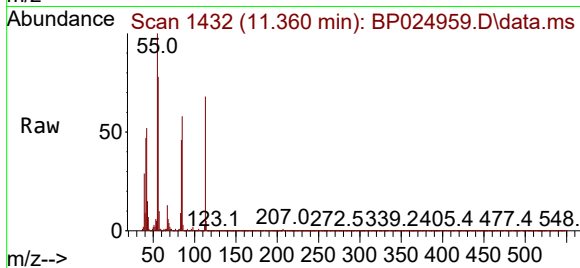




#35
Caprolactam
Concen: 42.281 ng
RT: 11.360 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

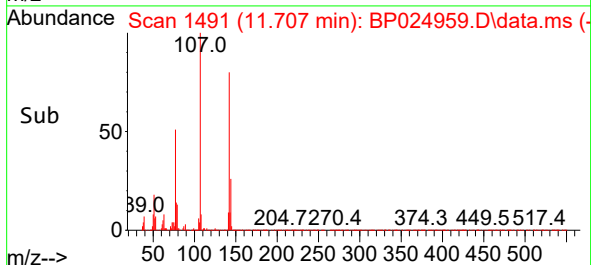
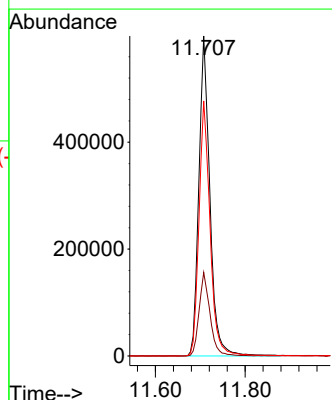
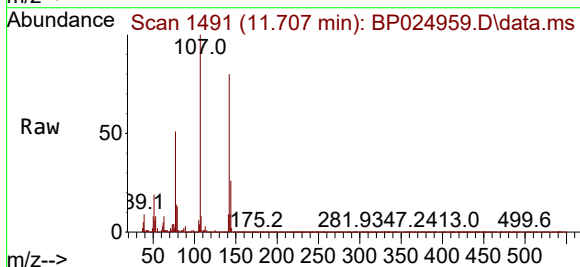
Instrument :
BNA_P
ClientSampleId :
PB168456BS

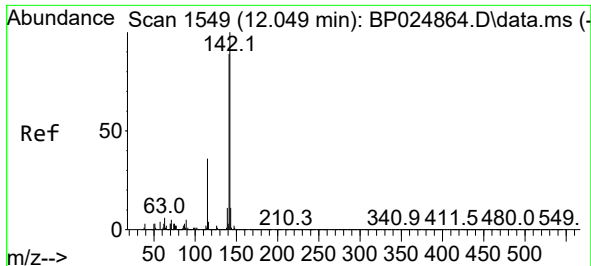
Tgt Ion:113 Resp: 290691
Ion Ratio Lower Upper
113 100
55 146.3 132.5 172.5
56 114.2 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 47.344 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:107 Resp: 1019944
Ion Ratio Lower Upper
107 100
144 26.1 20.4 30.6
142 79.7 63.8 95.6

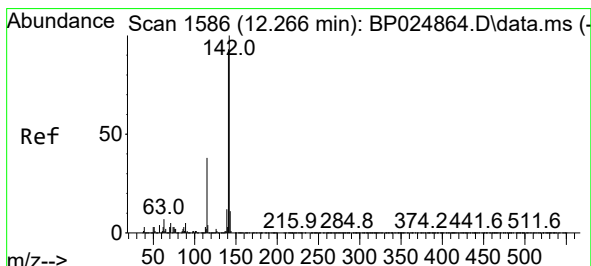
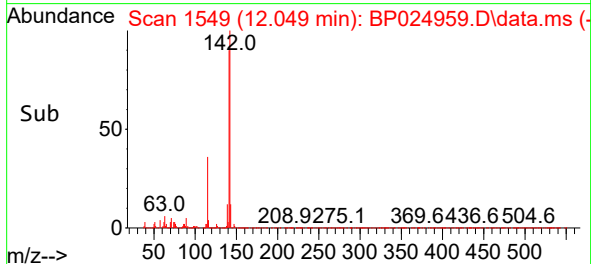
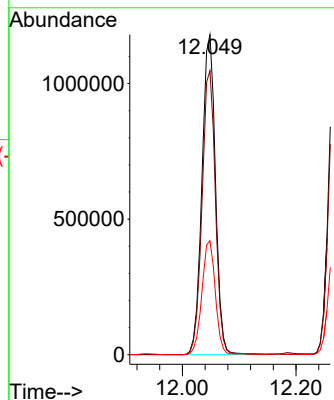
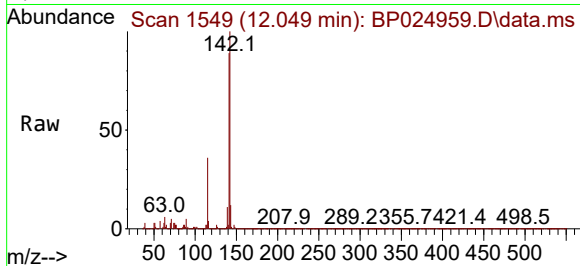




#37
2-Methylnaphthalene
Concen: 47.408 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

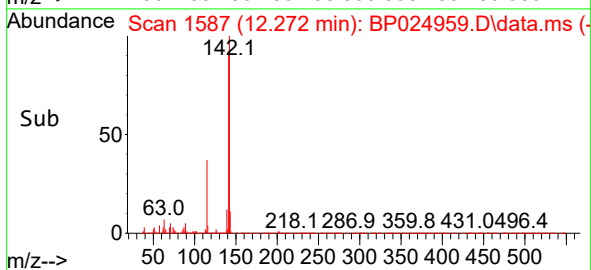
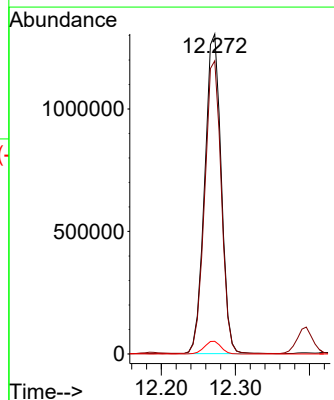
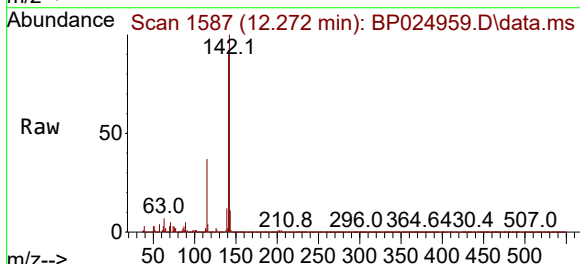
Instrument :
BNA_P
ClientSampleId :
PB168456BS

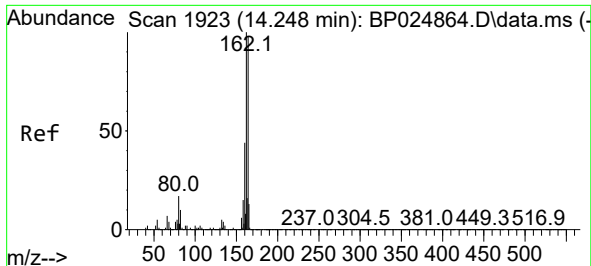
Tgt Ion:142 Resp: 1943163
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
115 35.6 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.088 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:142 Resp: 2019613
Ion Ratio Lower Upper
142 100
141 91.6 74.7 112.1
116 3.9 3.4 5.0

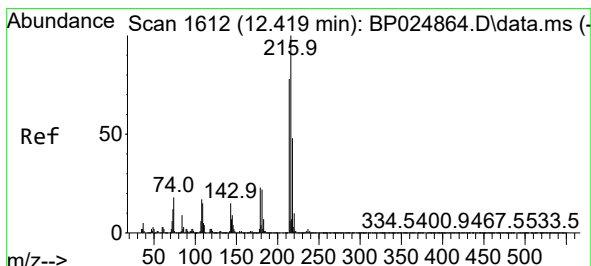
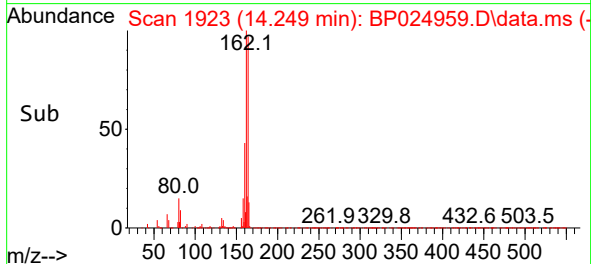
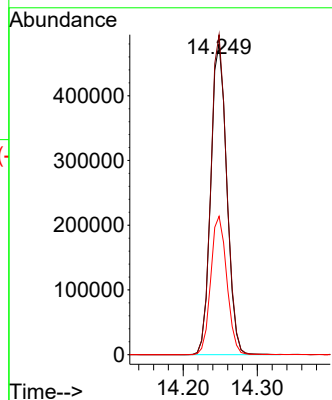
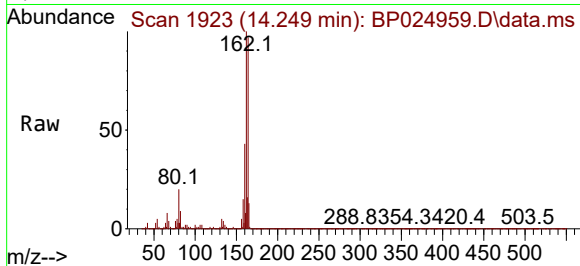




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.249 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

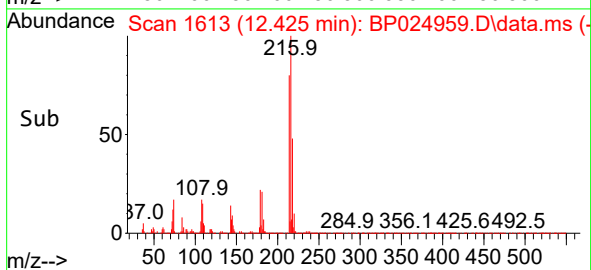
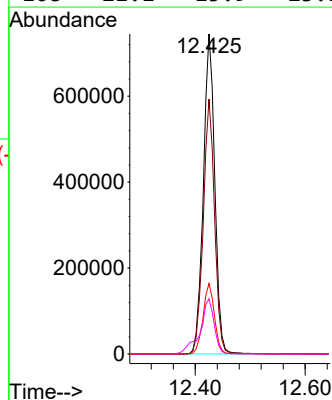
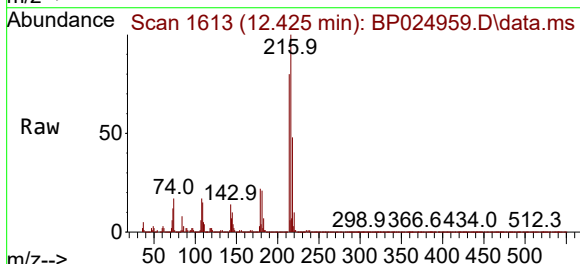
Instrument :
BNA_P
ClientSampleId :
PB168456BS

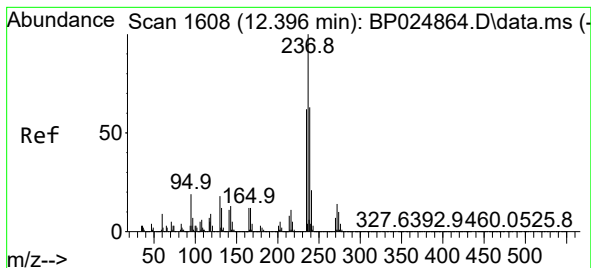
Tgt Ion:164 Resp: 718849
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 44.5 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.770 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:216 Resp: 1076394
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 22.0 17.8 26.6
108 21.1 15.9 23.9

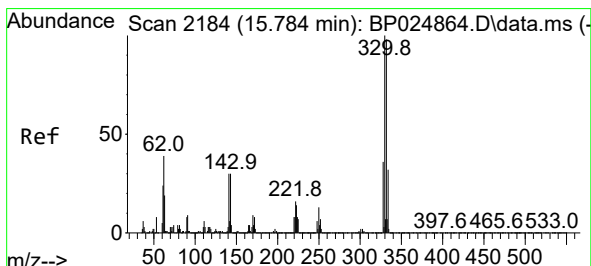
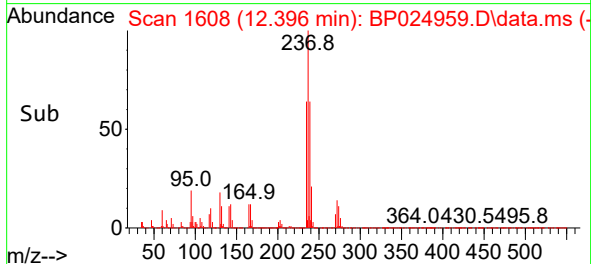
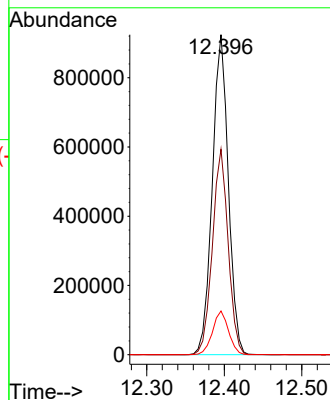
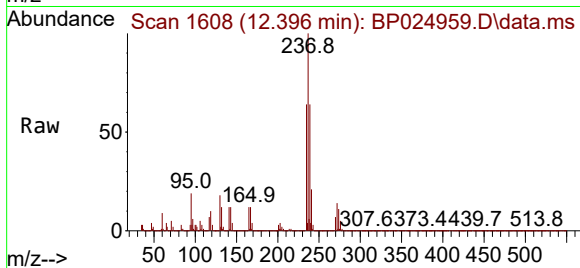




#41
Hexachlorocyclopentadiene
Concen: 106.442 ng
RT: 12.396 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

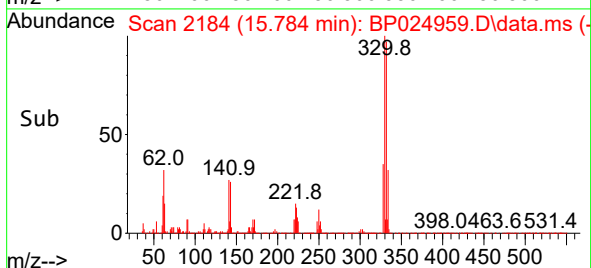
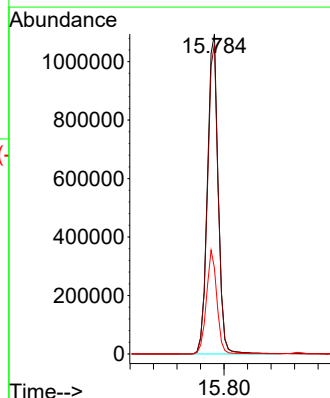
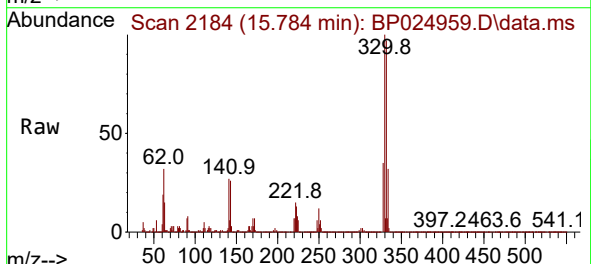
Instrument :
BNA_P
ClientSampleId :
PB168456BS

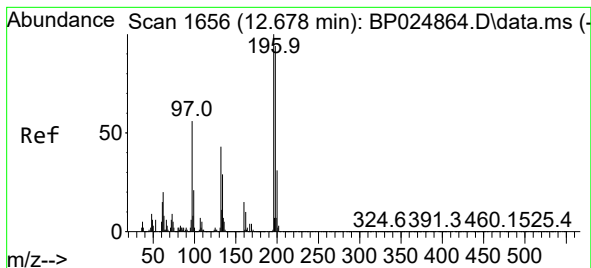
Tgt Ion:237 Resp: 1324279
Ion Ratio Lower Upper
237 100
235 64.2 41.9 81.9
272 13.6 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 139.643 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:330 Resp: 1387842
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 31.6 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.249 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

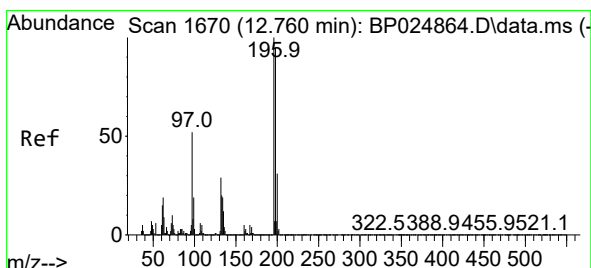
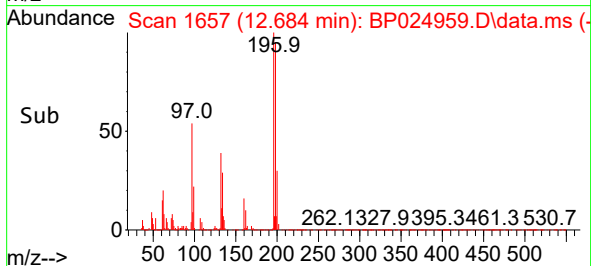
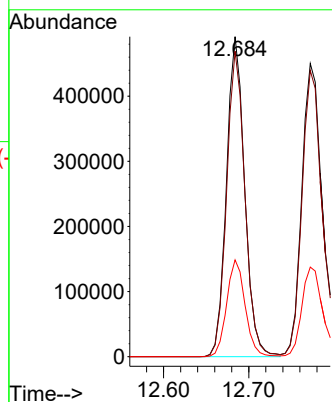
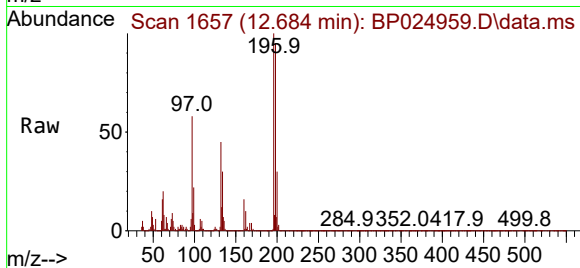
Tgt Ion:196 Resp: 729433

Ion Ratio Lower Upper

196 100

198 95.5 75.4 113.0

200 30.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 53.989 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Tgt Ion:196 Resp: 792022

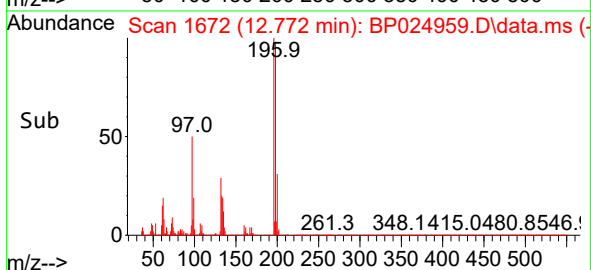
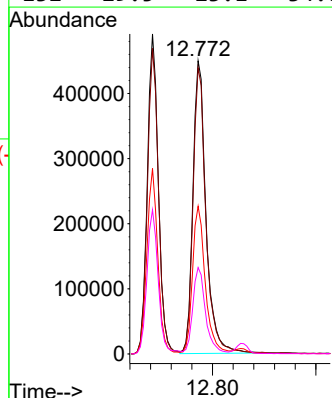
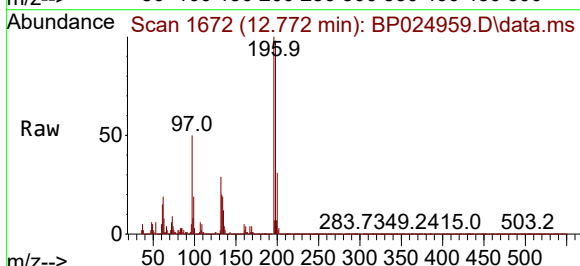
Ion Ratio Lower Upper

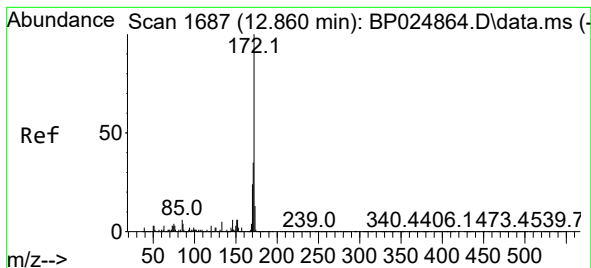
196 100

198 97.6 76.0 114.0

97 50.4 41.5 62.3

132 29.5 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 87.989 ng

RT: 12.860 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

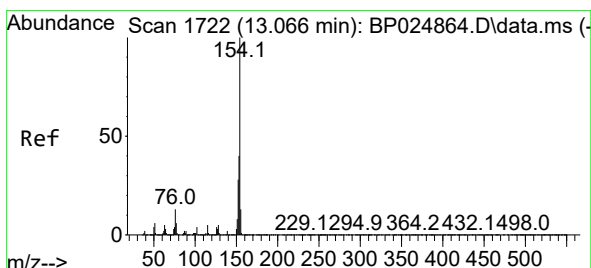
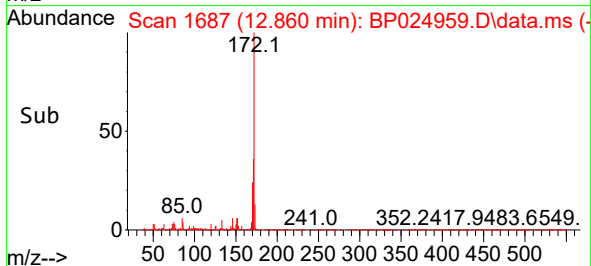
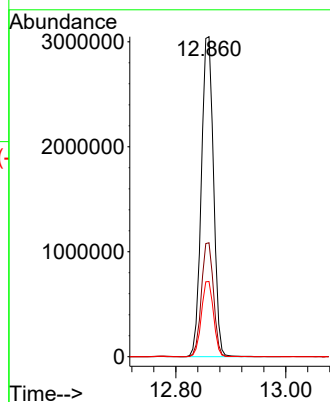
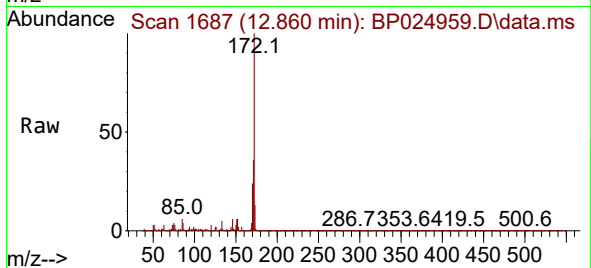
Tgt Ion:172 Resp: 4695276

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.625 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

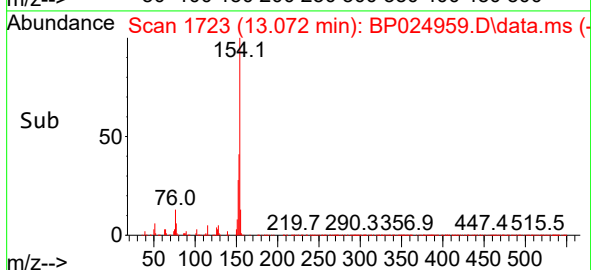
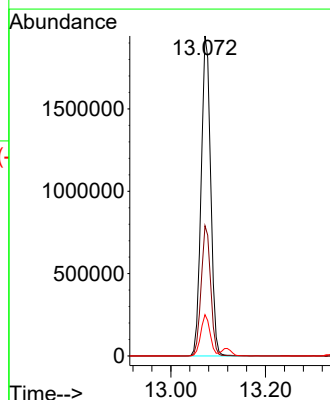
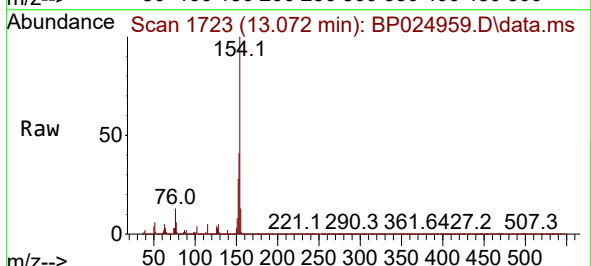
Tgt Ion:154 Resp: 2696914

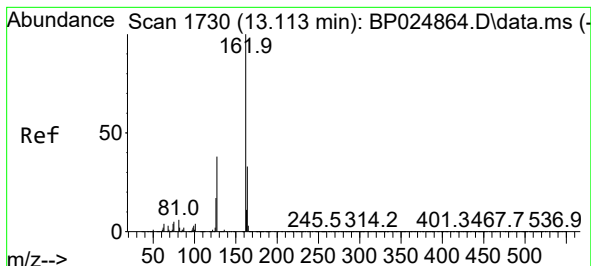
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 51.571 ng

RT: 13.119 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

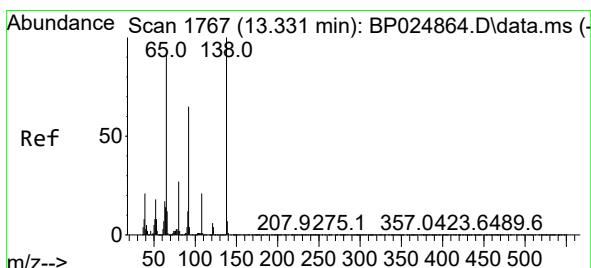
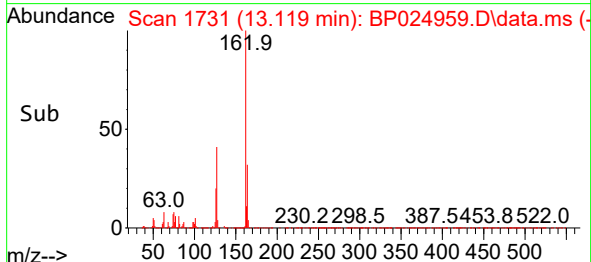
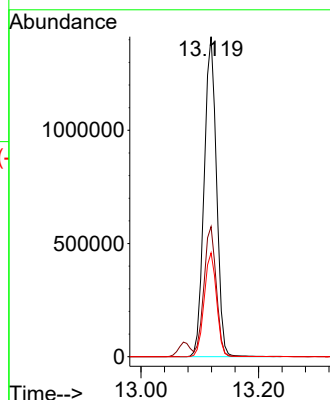
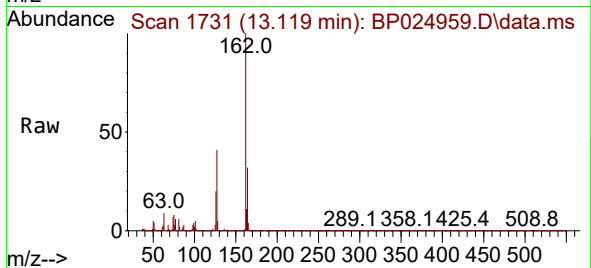
Tgt Ion:162 Resp: 2070610

Ion Ratio Lower Upper

162 100

127 40.6 32.5 48.7

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 50.026 ng

RT: 13.343 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

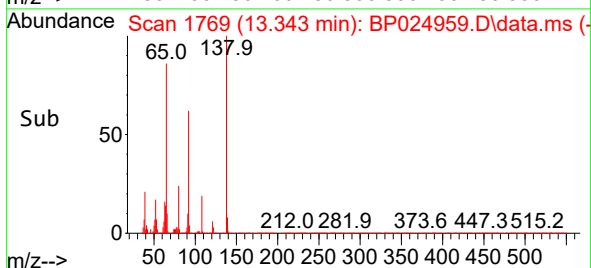
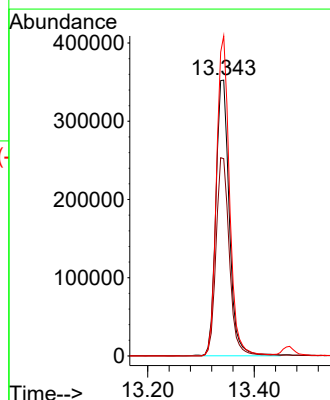
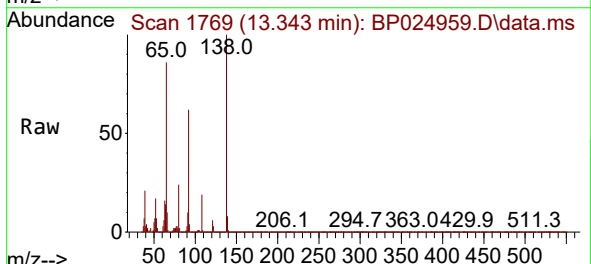
Tgt Ion: 65 Resp: 617505

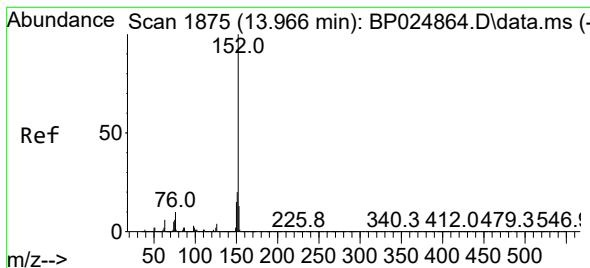
Ion Ratio Lower Upper

65 100

92 71.6 56.8 85.2

138 116.0 86.9 130.3





#49

Acenaphthylene

Concen: 49.477 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

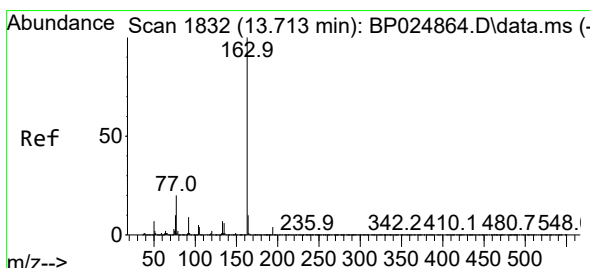
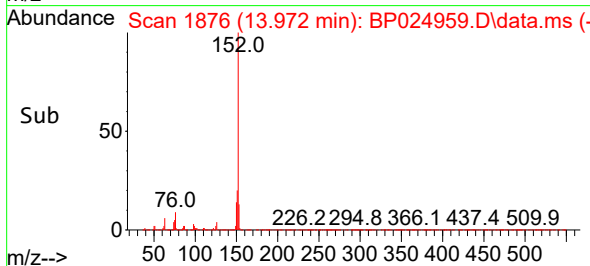
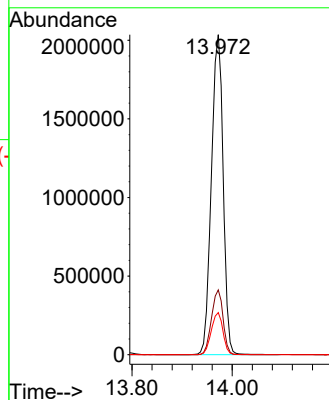
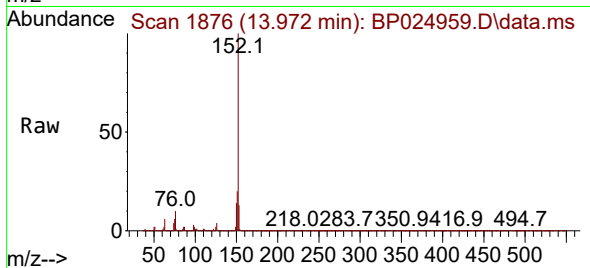
Tgt Ion:152 Resp: 3312325

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 47.351 ng

RT: 13.713 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

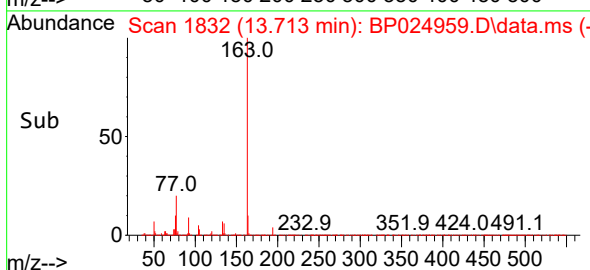
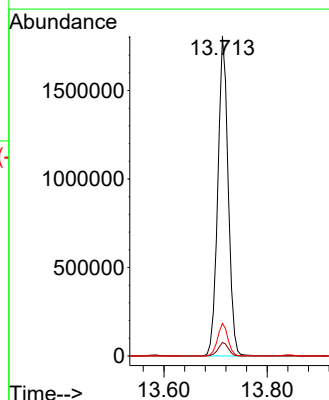
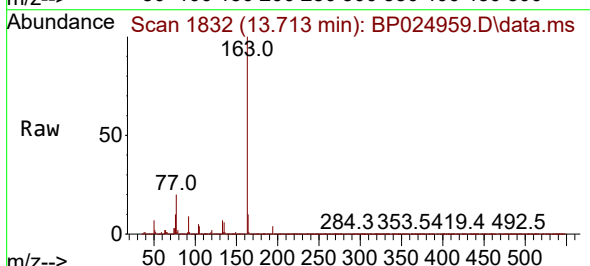
Tgt Ion:163 Resp: 2510961

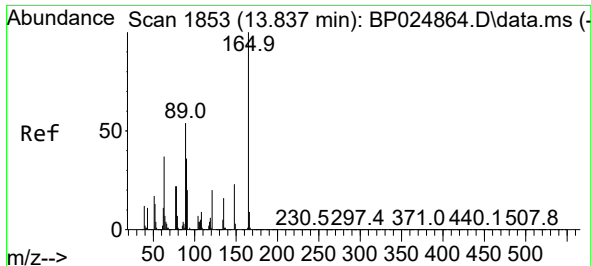
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.0 12.0

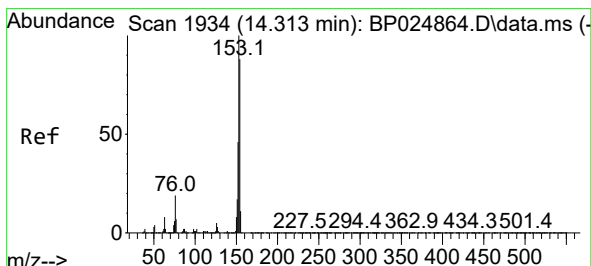
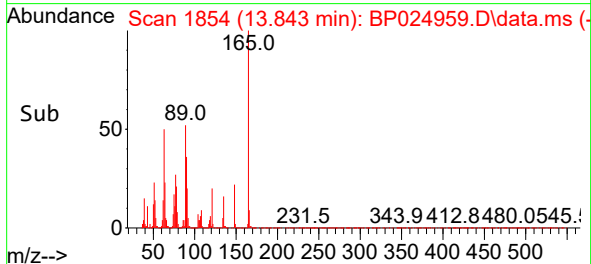
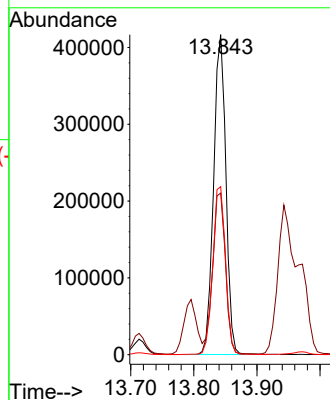
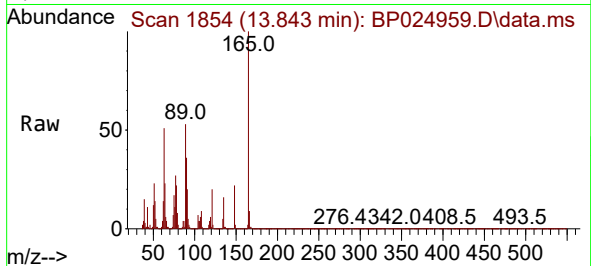




#51
2,6-Dinitrotoluene
Concen: 49.245 ng
RT: 13.843 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

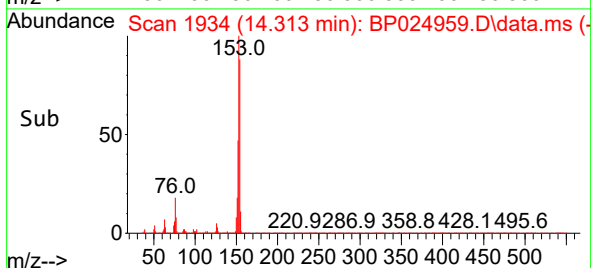
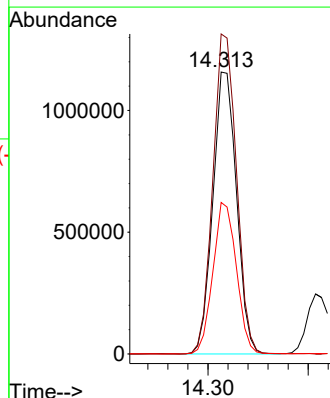
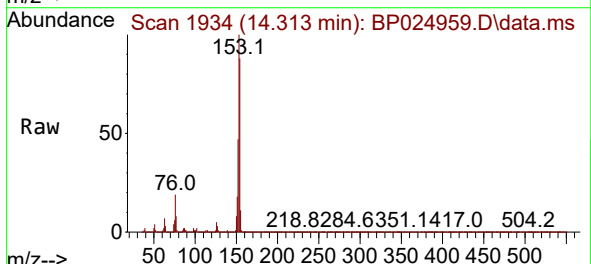
Instrument :
BNA_P
ClientSampleId :
PB168456BS

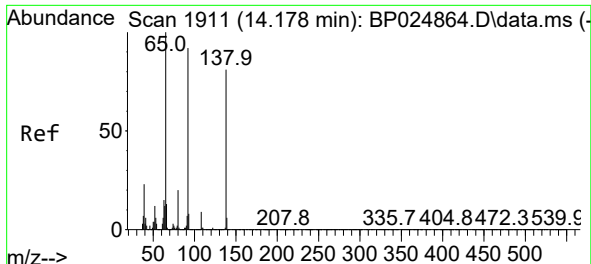
Tgt Ion:165 Resp: 562957
Ion Ratio Lower Upper
165 100
63 50.5 41.8 62.8
89 52.5 43.1 64.7



#52
Acenaphthene
Concen: 49.537 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:154 Resp: 1900355
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 53.7 42.1 63.1

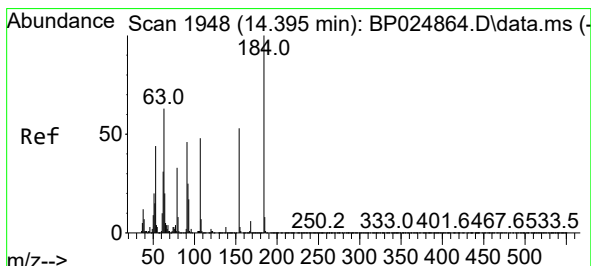
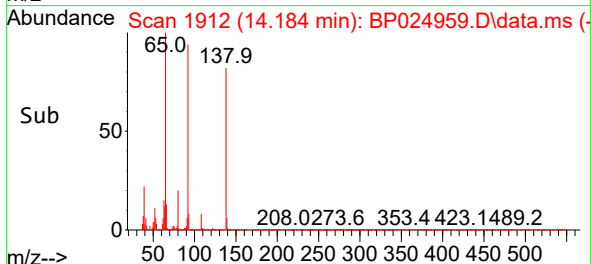
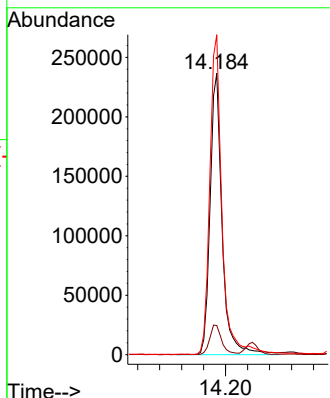
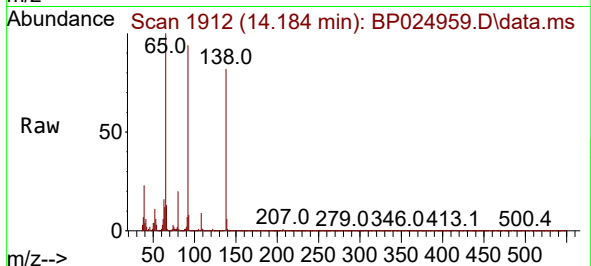




#53
3-Nitroaniline
Concen: 30.191 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

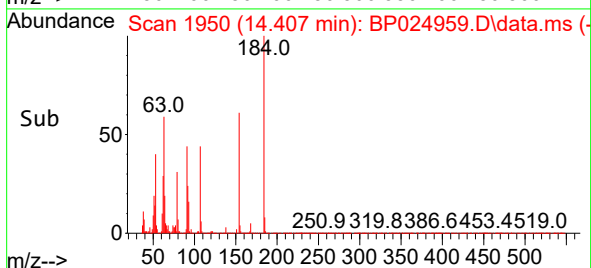
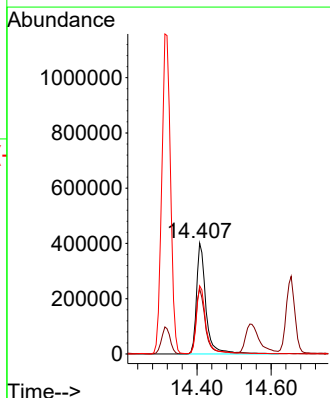
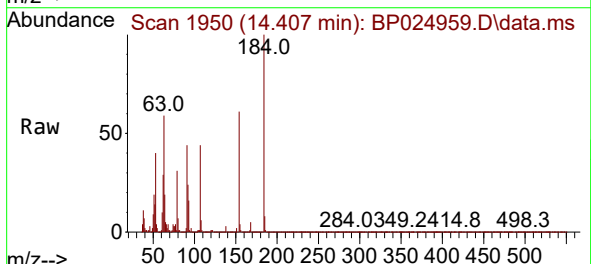
Instrument :
BNA_P
ClientSampleId :
PB168456BS

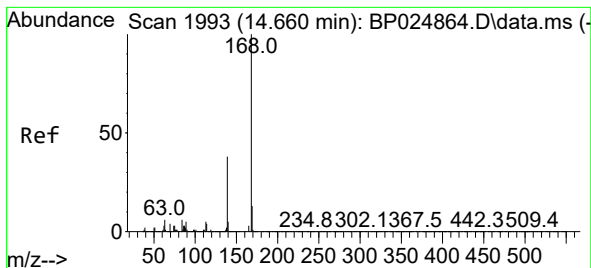
Tgt Ion:138 Resp: 358175
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 113.8 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 94.198 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:184 Resp: 709102
Ion Ratio Lower Upper
184 100
63 58.9 51.0 76.4
154 61.4 51.7 77.5

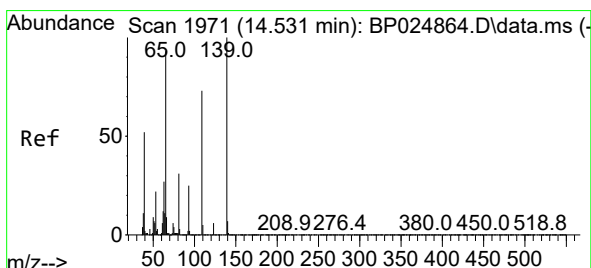
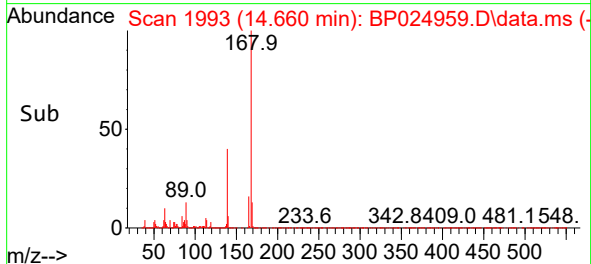
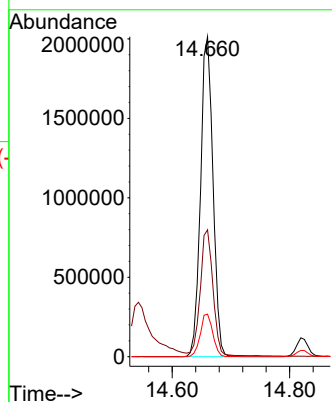
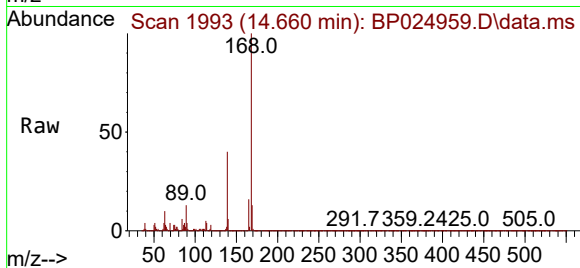




#55
Dibenzofuran
Concen: 47.939 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

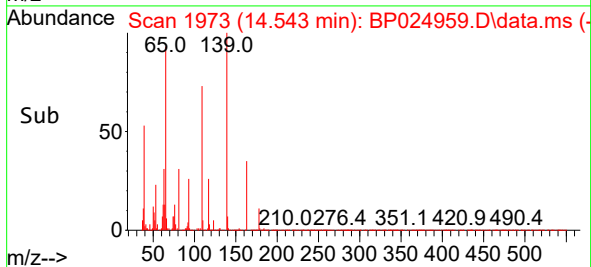
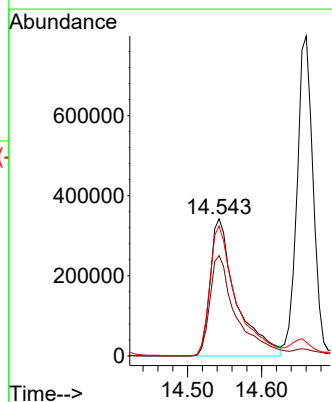
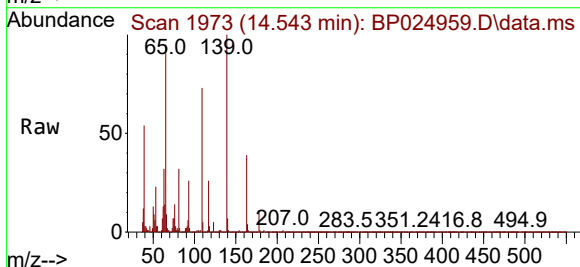
Instrument :
BNA_P
ClientSampleId :
PB168456BS

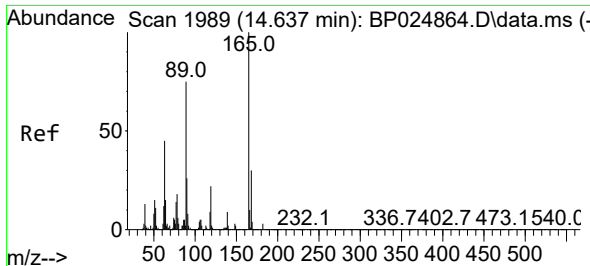
Tgt Ion:168 Resp: 2952003
Ion Ratio Lower Upper
168 100
139 39.7 31.6 47.4
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 82.788 ng
RT: 14.543 min Scan# 1973
Delta R.T. 0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:139 Resp: 833506
Ion Ratio Lower Upper
139 100
109 73.1 53.1 93.1
65 94.7 73.0 113.0

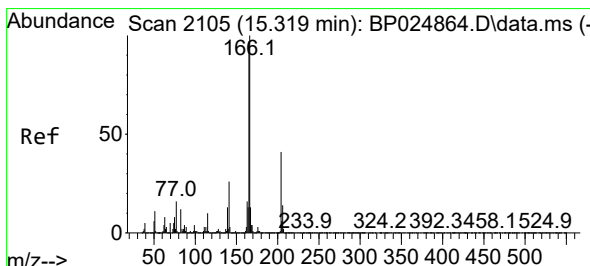
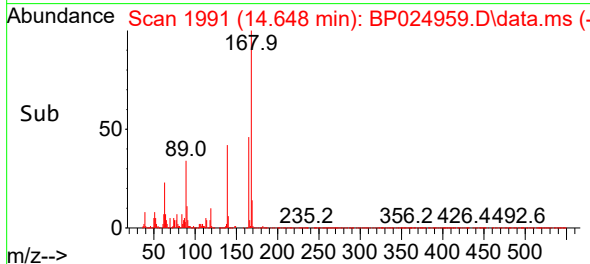
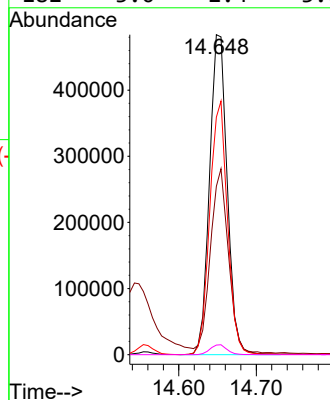
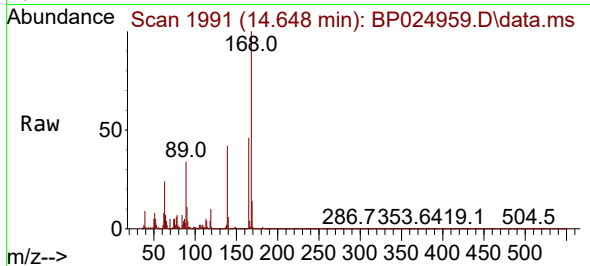




#57
2,4-Dinitrotoluene
Concen: 47.833 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

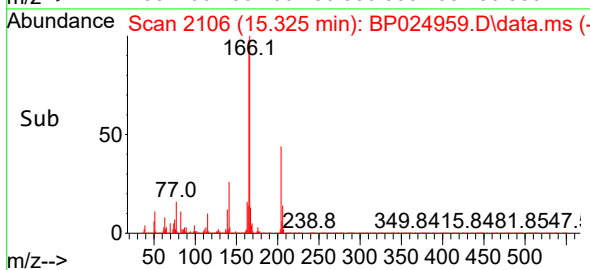
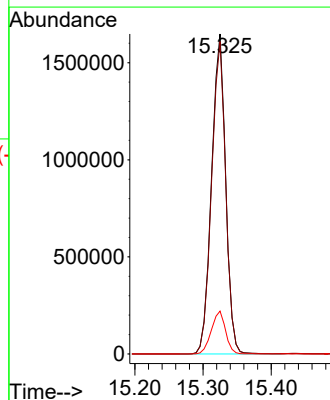
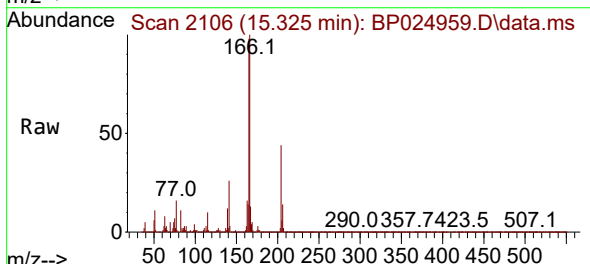
Instrument :
BNA_P
ClientSampleId :
PB168456BS

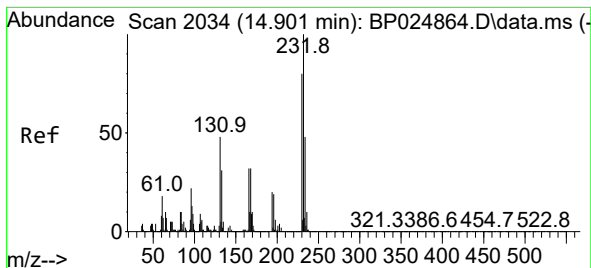
Tgt Ion:165 Resp: 764915
Ion Ratio Lower Upper
165 100
63 52.6 37.0 55.6
89 74.2 60.1 90.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 47.666 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:166 Resp: 2371123
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 13.4 10.6 16.0

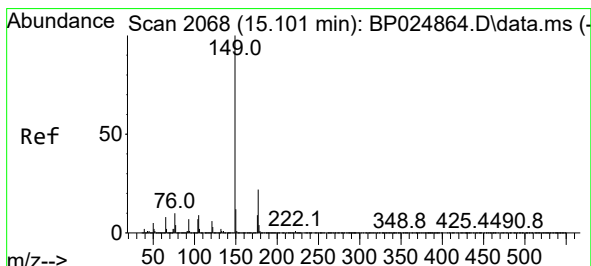
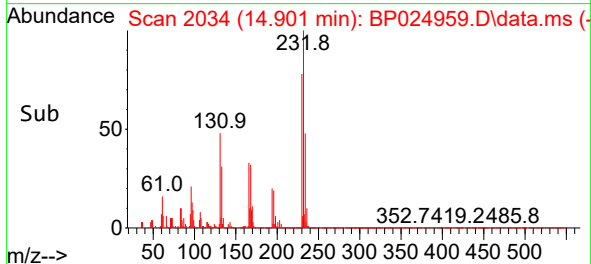
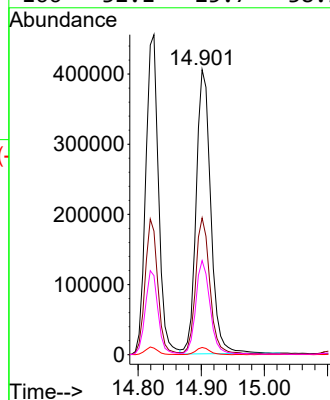
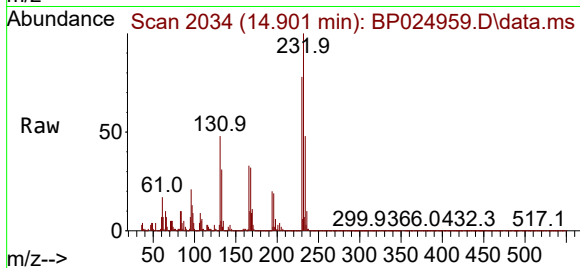




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.648 ng
RT: 14.901 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

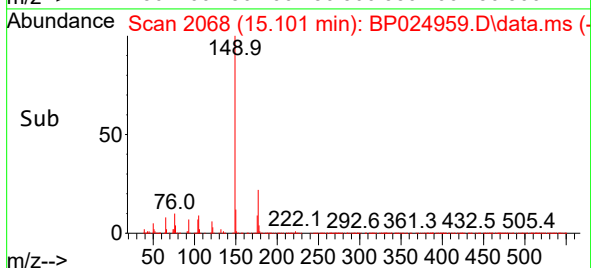
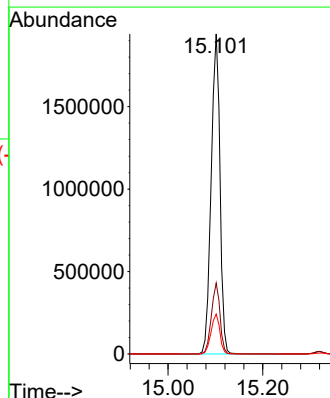
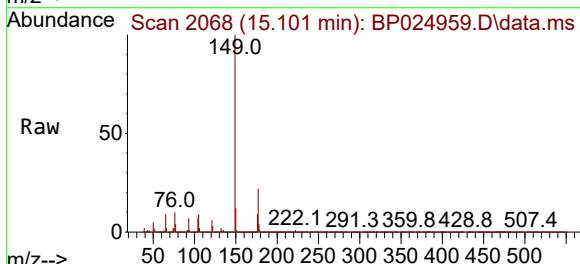
Instrument :
BNA_P
ClientSampleId :
PB168456BS

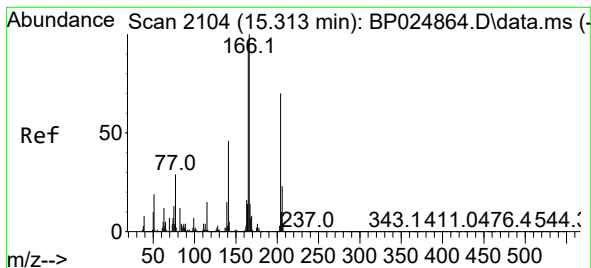
Tgt Ion:232 Resp: 650753
Ion Ratio Lower Upper
232 100
131 46.8 38.2 57.2
130 2.5 2.1 3.1
166 32.1 25.7 38.5



#60
Diethylphthalate
Concen: 47.302 ng
RT: 15.101 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:149 Resp: 2499846
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.5 9.8 14.6

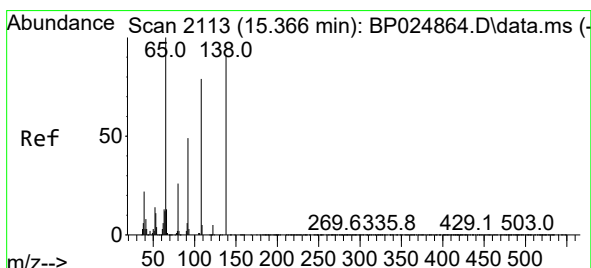
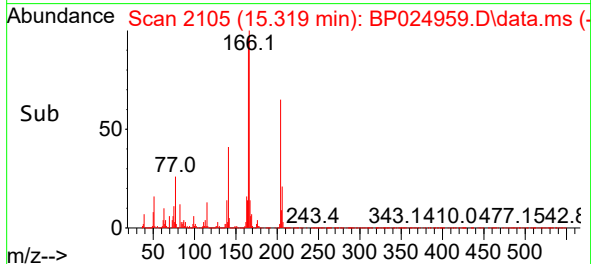
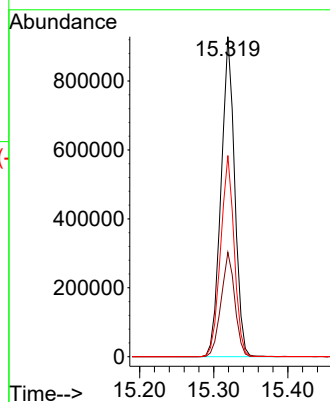
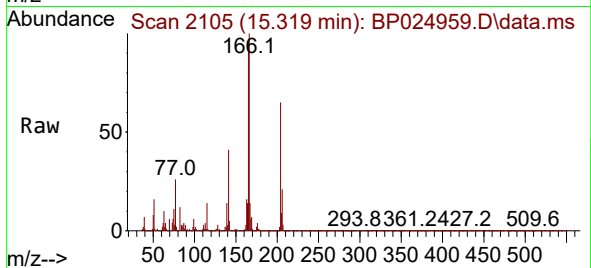




#61
4-Chlorophenyl-phenylether
Concen: 48.755 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

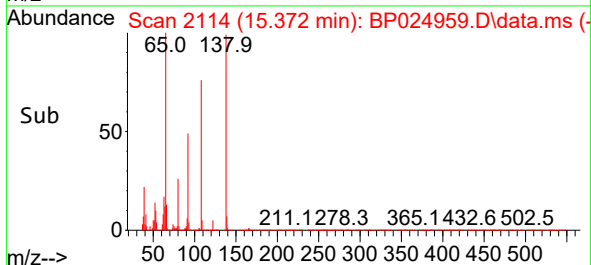
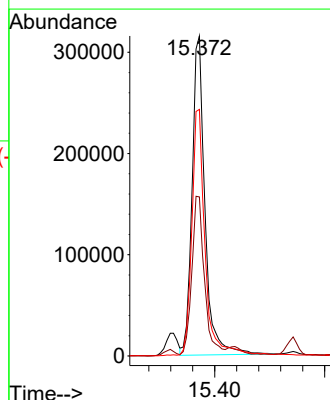
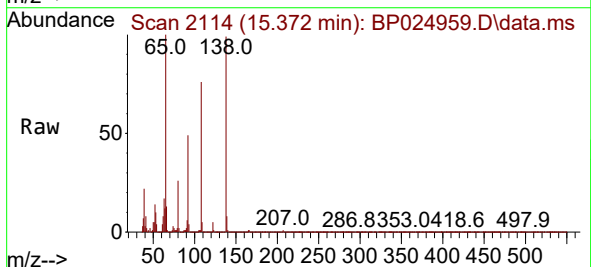
Instrument :
BNA_P
ClientSampleId :
PB168456BS

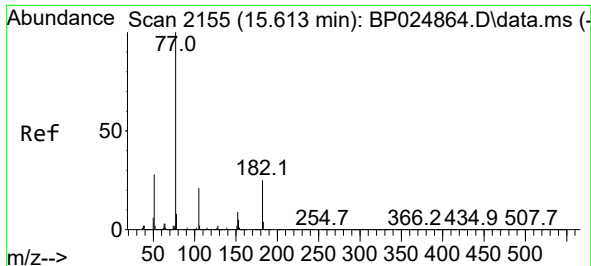
Tgt Ion:204 Resp: 1185863
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.8 52.4 78.6



#62
4-Nitroaniline
Concen: 47.516 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:138 Resp: 511114
Ion Ratio Lower Upper
138 100
92 49.7 33.5 73.5
108 77.1 65.1 105.1



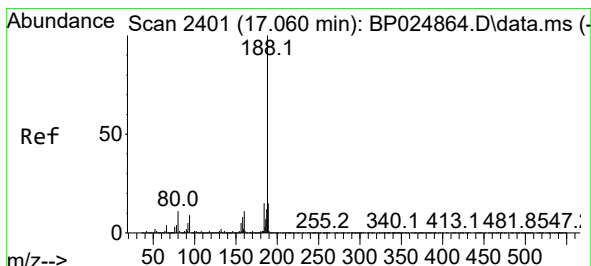
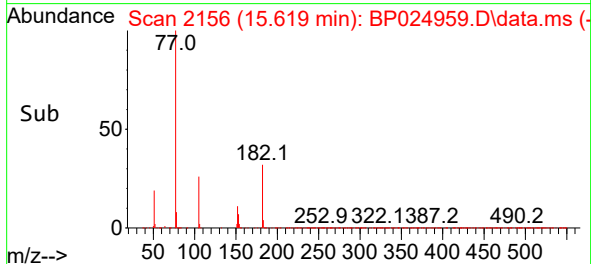
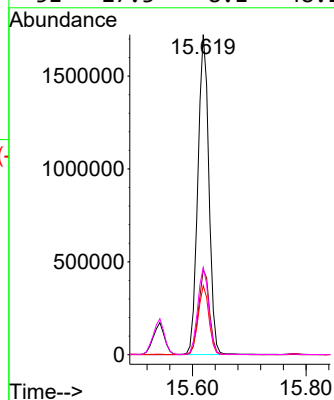
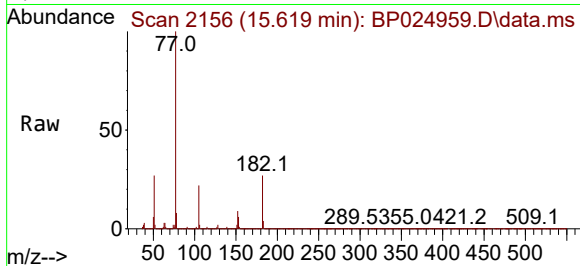


#63
Azobenzene
Concen: 47.961 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Instrument :
BNA_P
ClientSampleId :
PB168456BS

Tgt Ion: 77 Resp: 2324635

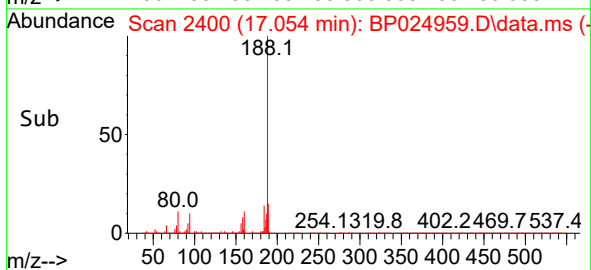
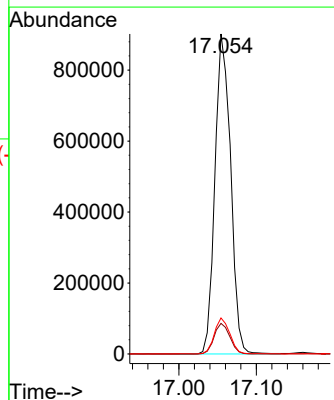
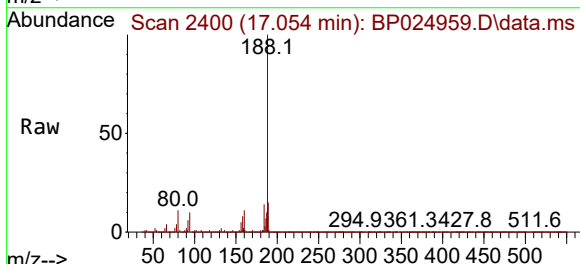
Ion	Ratio	Lower	Upper
77	100		
182	26.5	5.4	45.4
105	21.5	0.8	40.8
51	27.3	8.1	48.1

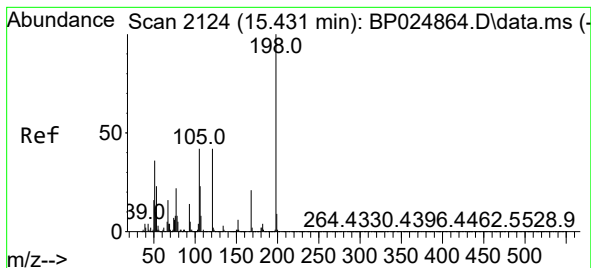


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion: 188 Resp: 1268587

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	11.2	8.5	12.7

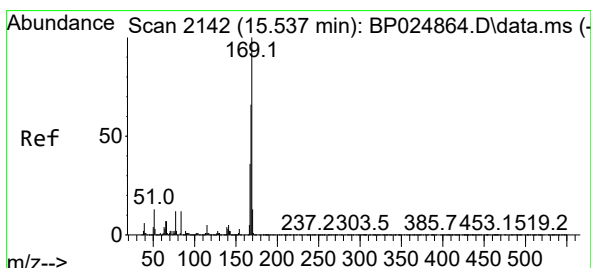
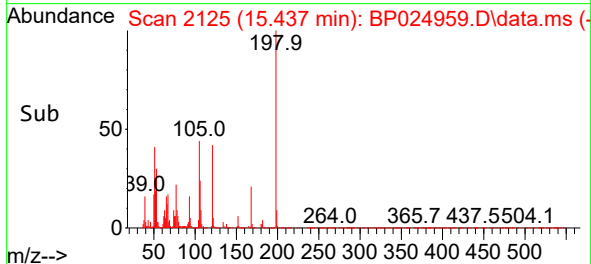
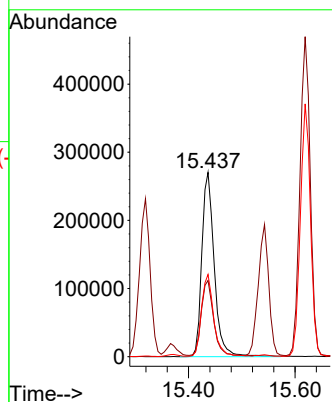
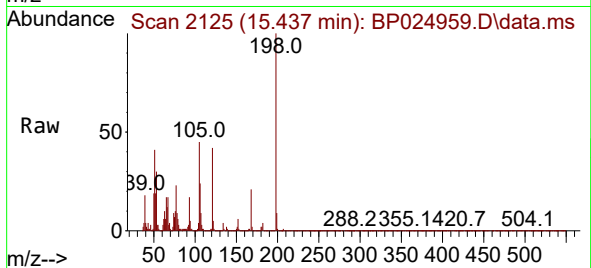




#65
4,6-Dinitro-2-methylphenol
Concen: 52.339 ng
RT: 15.437 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

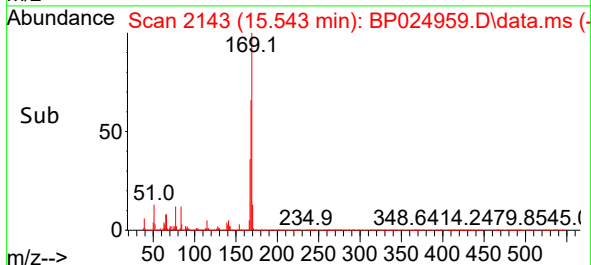
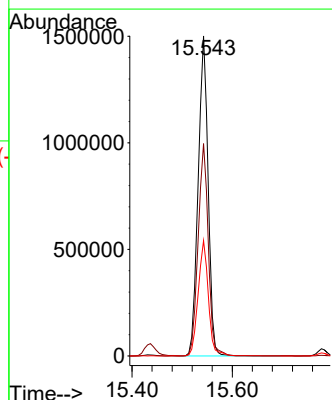
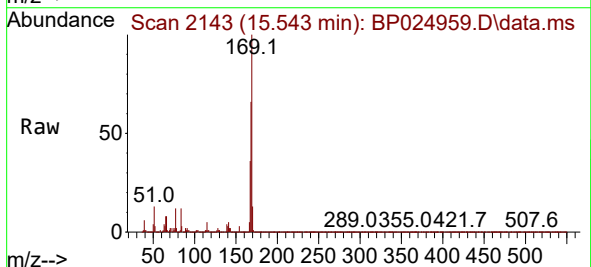
Instrument :
BNA_P
ClientSampleId :
PB168456BS

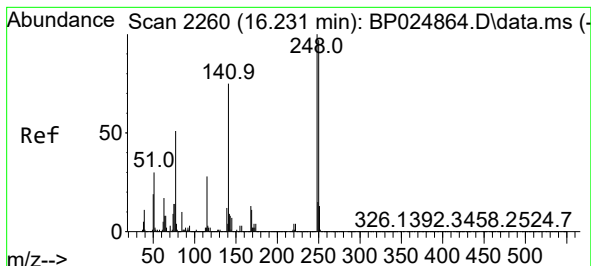
Tgt Ion:198 Resp: 436282
Ion Ratio Lower Upper
198 100
51 41.3 19.2 59.2
105 44.6 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 52.436 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:169 Resp: 2061801
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.1 28.6 43.0

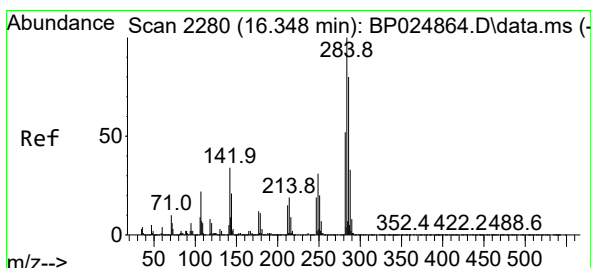
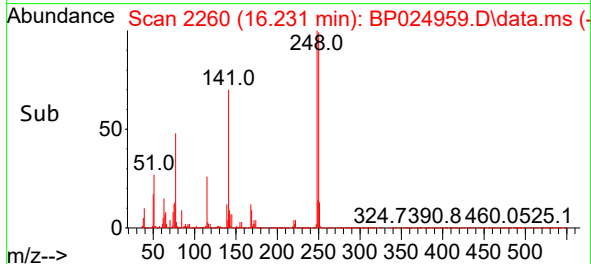
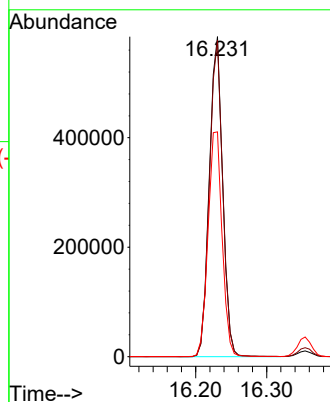
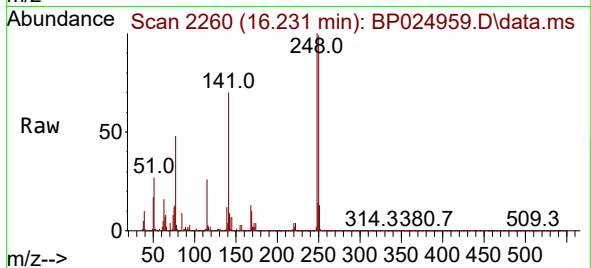




#67
4-Bromophenyl-phenylether
Concen: 53.528 ng
RT: 16.231 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

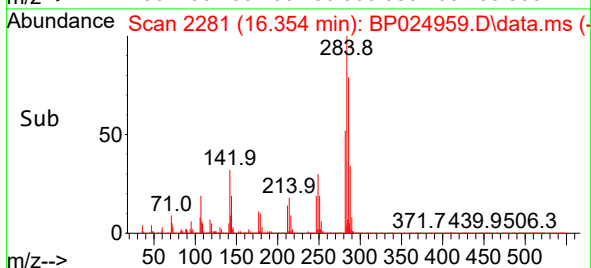
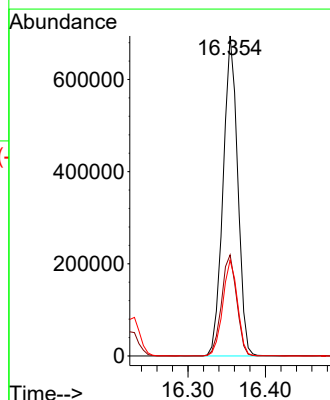
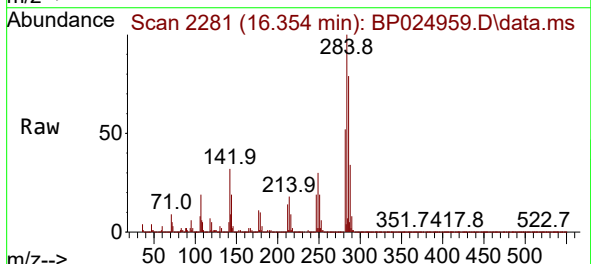
Instrument :
BNA_P
ClientSampleId :
PB168456BS

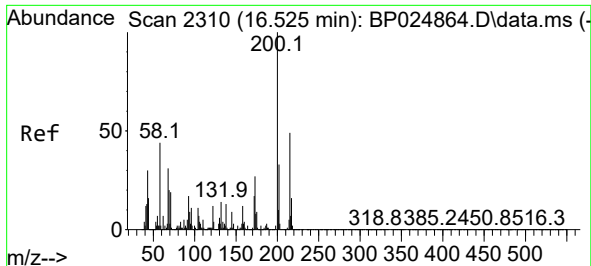
Tgt Ion:248 Resp: 766194
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 70.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.475 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:284 Resp: 910568
Ion Ratio Lower Upper
284 100
142 31.6 27.0 40.6
249 30.0 25.0 37.6

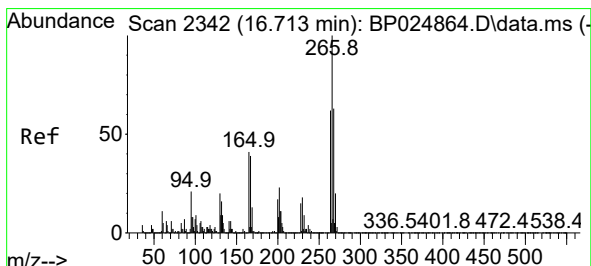
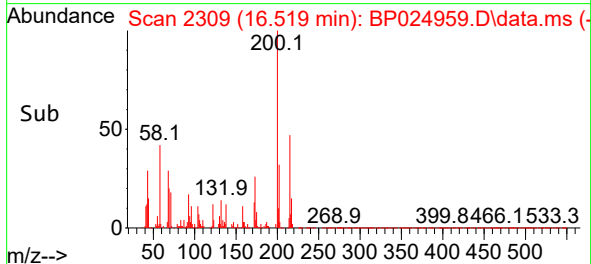
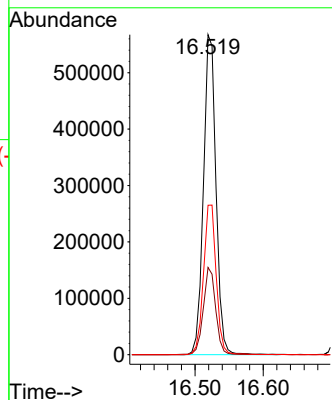
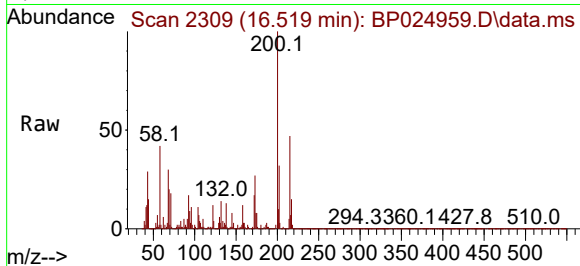




#69
 Atrazine
 Concen: 50.896 ng
 RT: 16.519 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024959.D
 Acq: 16 Jun 2025 13:36

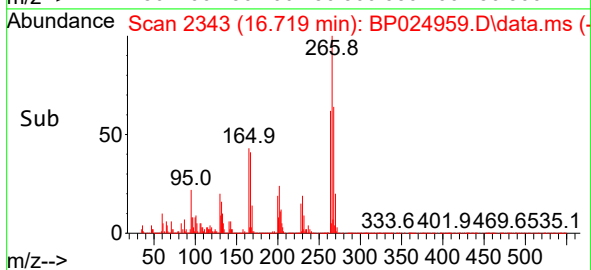
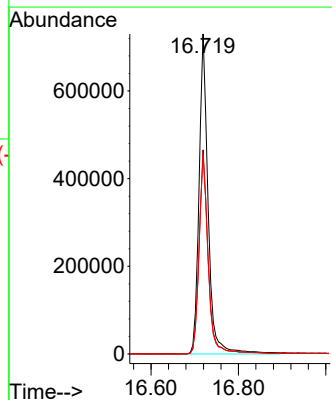
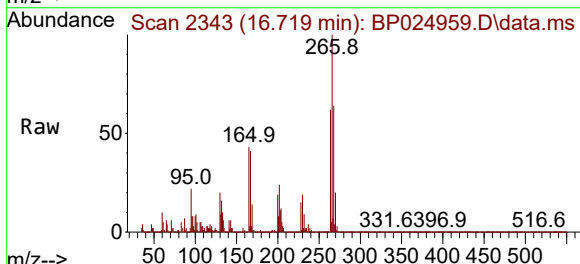
Instrument :
 BNA_P
 ClientSampleId :
 PB168456BS

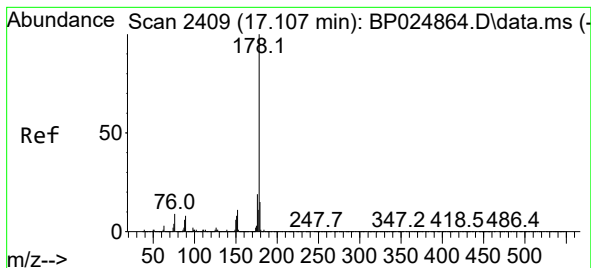
Tgt Ion:200 Resp: 725483
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.9 46.9
 215 46.7 28.7 68.7



#70
 Pentachlorophenol
 Concen: 117.873 ng
 RT: 16.719 min Scan# 2343
 Delta R.T. 0.006 min
 Lab File: BP024959.D
 Acq: 16 Jun 2025 13:36

Tgt Ion:266 Resp: 1058592
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.6 76.0
 264 62.3 49.7 74.5

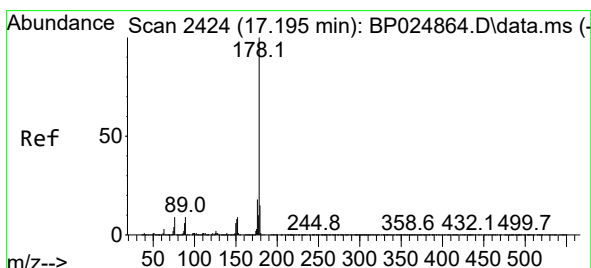
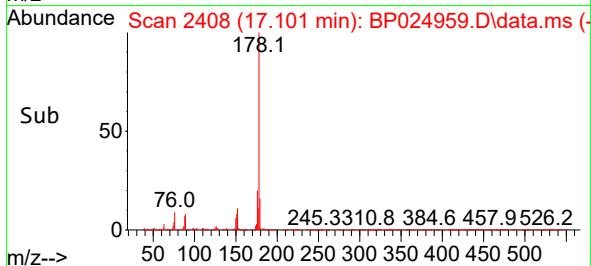
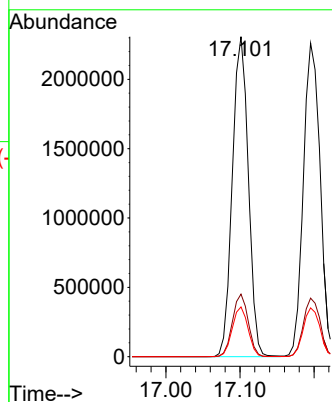
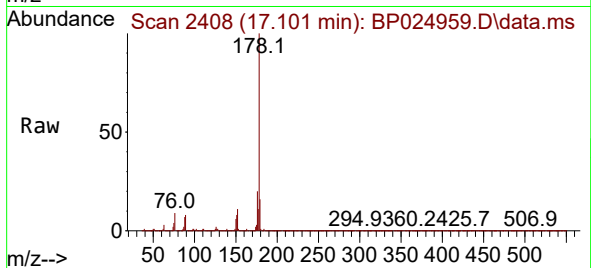




#71
Phenanthrene
Concen: 49.370 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

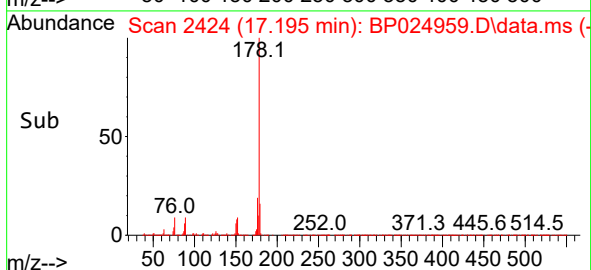
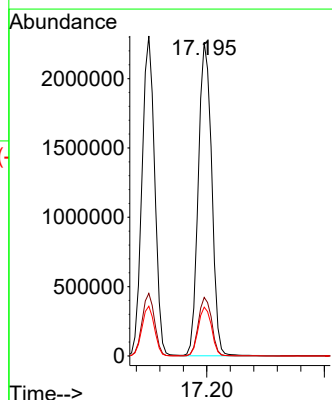
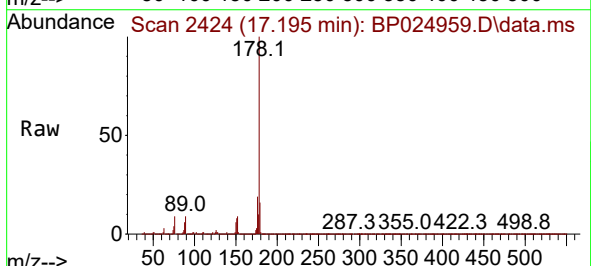
Instrument :
BNA_P
ClientSampleId :
PB168456BS

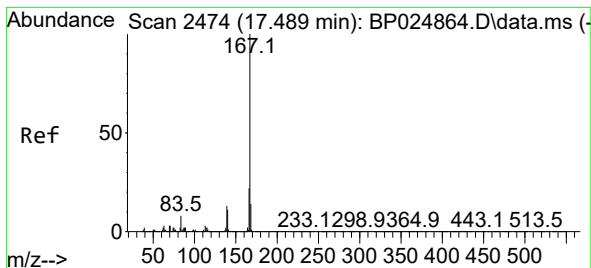
Tgt Ion:178 Resp: 3461052
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.1 18.1



#72
Anthracene
Concen: 50.251 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:178 Resp: 3567799
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.3 18.5





#73

Carbazole

Concen: 49.500 ng

RT: 17.484 min Scan# 2473

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

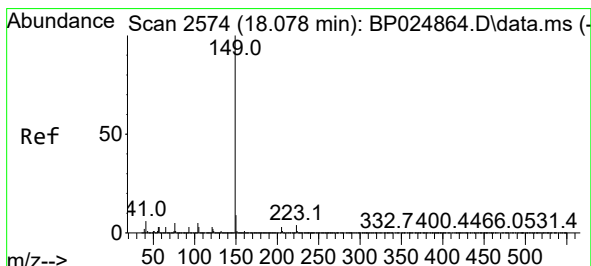
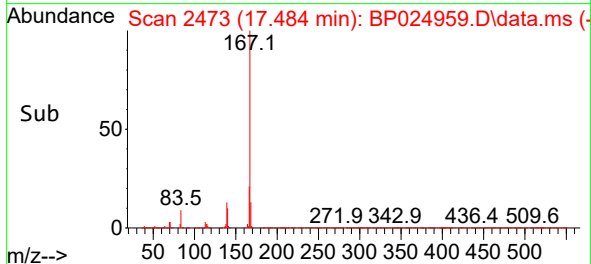
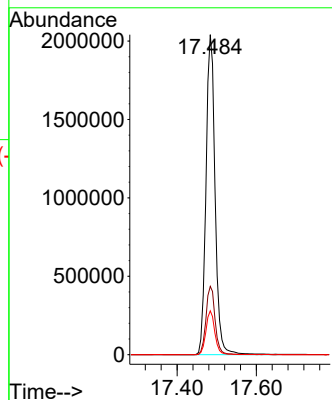
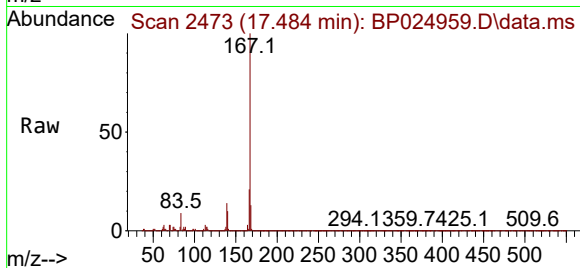
Tgt Ion:167 Resp: 3257560

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 13.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 50.352 ng

RT: 18.066 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

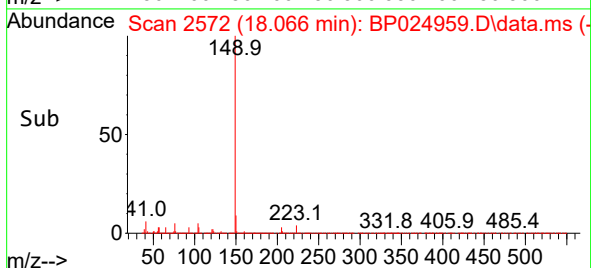
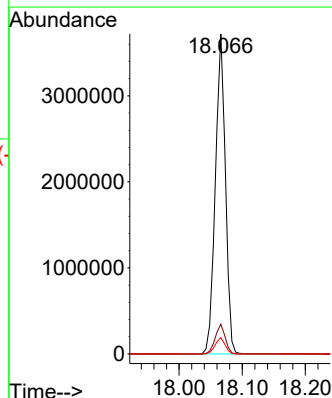
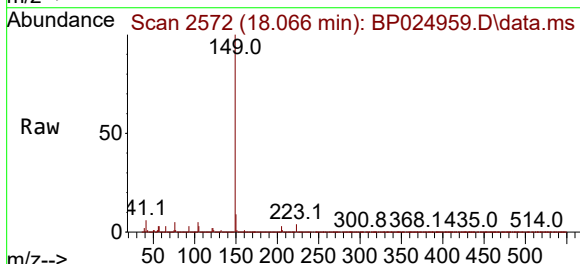
Tgt Ion:149 Resp: 4105497

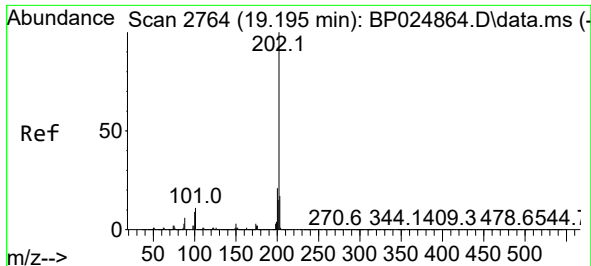
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.1 4.2 6.2

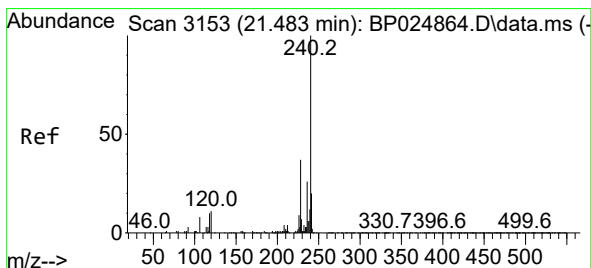
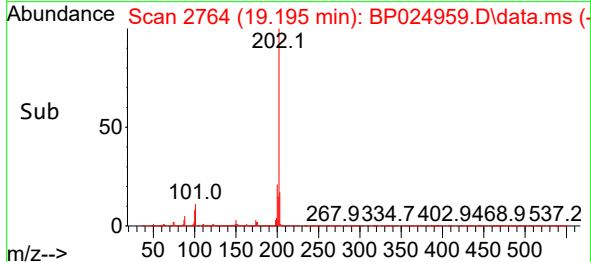
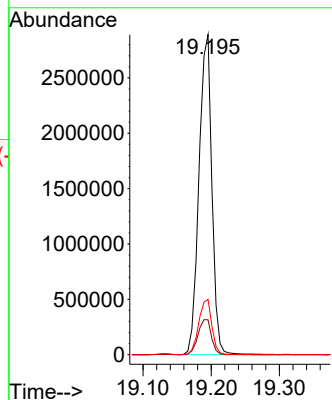
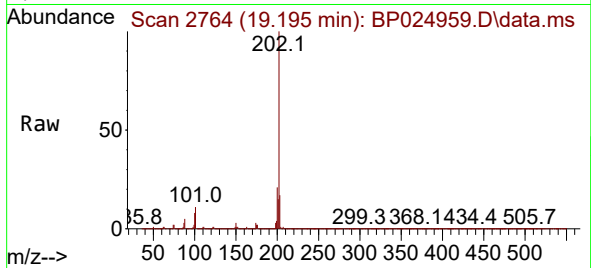




#75
Fluoranthene
Concen: 46.768 ng
RT: 19.195 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

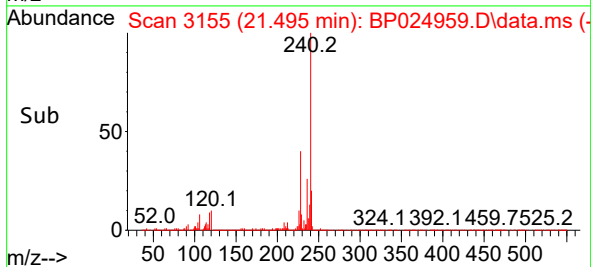
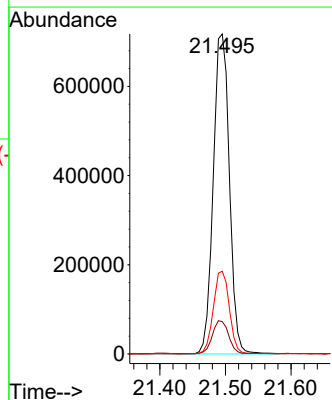
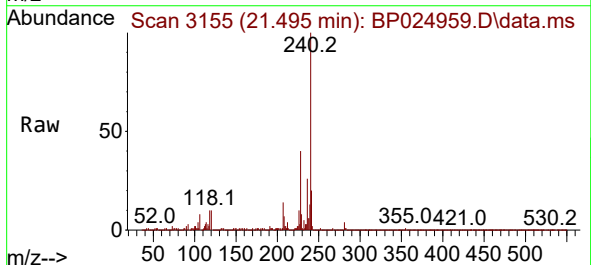
Instrument :
BNA_P
ClientSampleId :
PB168456BS

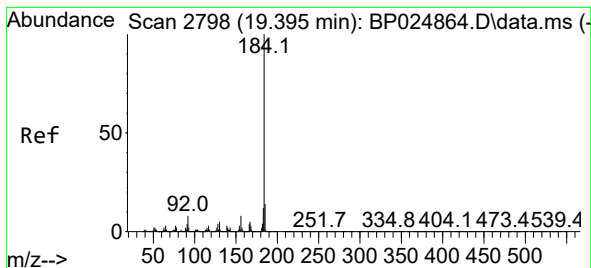
Tgt Ion:202 Resp: 3800091
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:240 Resp: 1223109
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.9 20.9 31.3





#77

Benzidine

Concen: 39.416 ng

RT: 19.401 min Scan# 2799

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

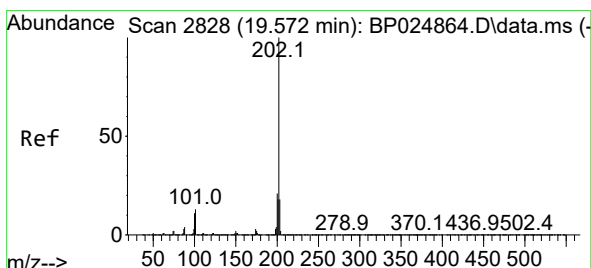
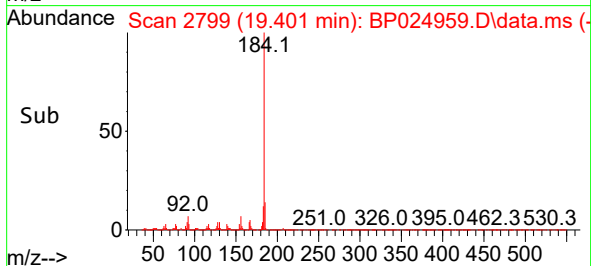
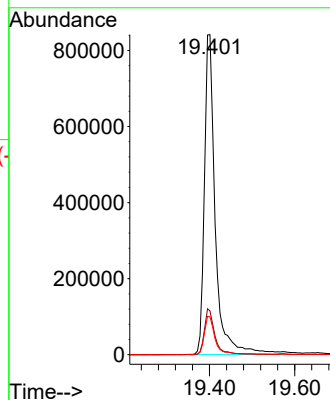
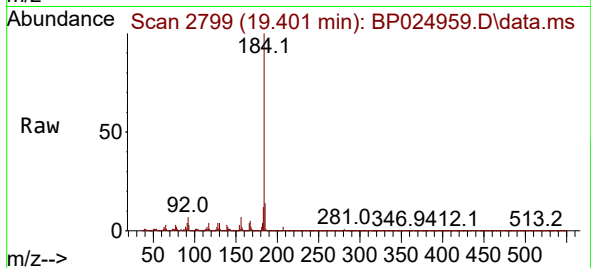
Tgt Ion:184 Resp: 1493140

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.0

183 11.9 9.5 14.3



#78

Pyrene

Concen: 51.017 ng

RT: 19.572 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

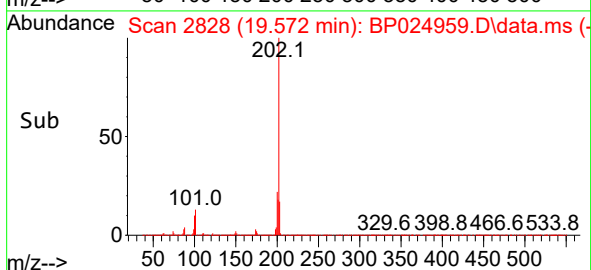
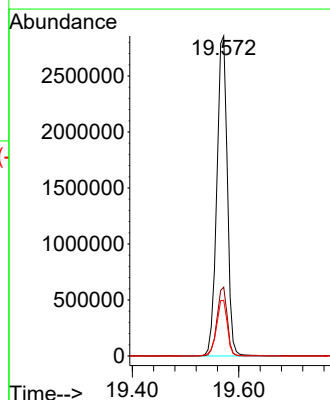
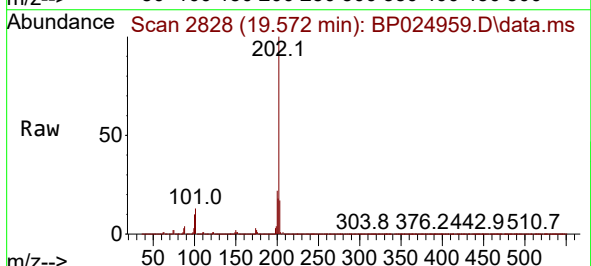
Tgt Ion:202 Resp: 3898349

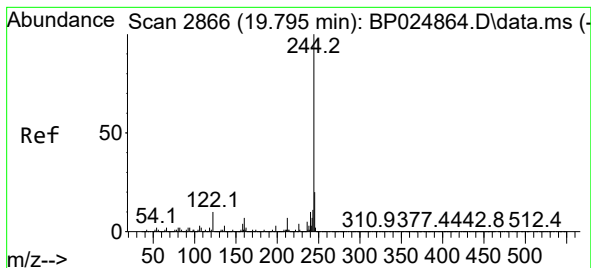
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 88.563 ng

RT: 19.789 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

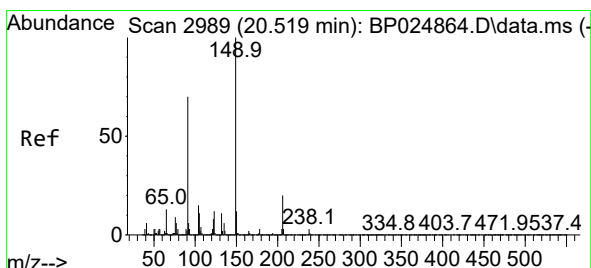
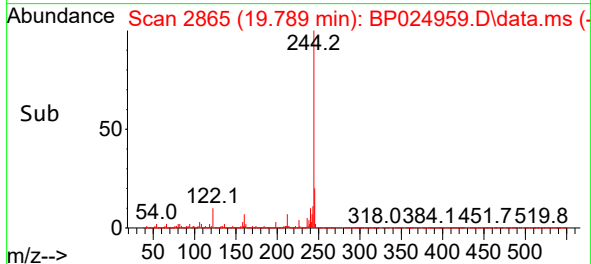
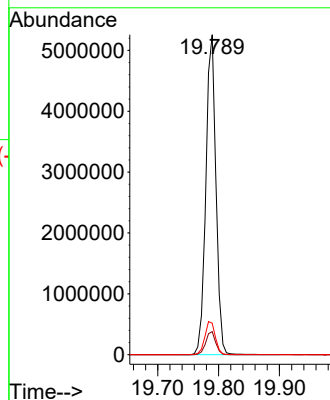
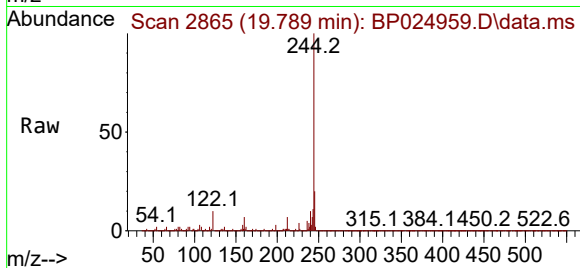
Tgt Ion:244 Resp: 6043937

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.9 7.7 11.5



#80

Butylbenzylphthalate

Concen: 52.724 ng

RT: 20.519 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

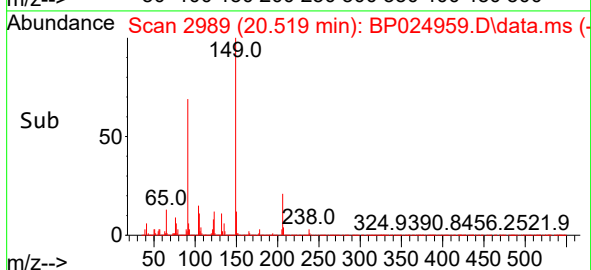
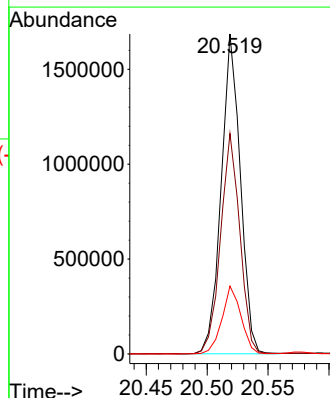
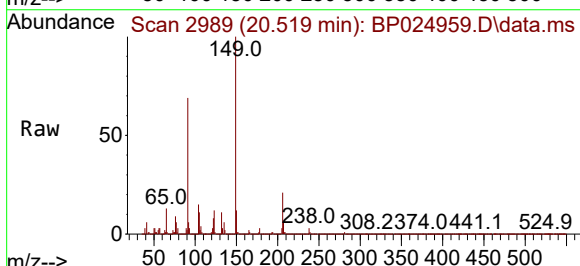
Tgt Ion:149 Resp: 1845415

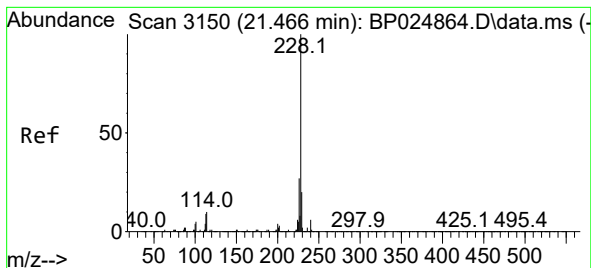
Ion Ratio Lower Upper

149 100

91 68.9 55.8 83.8

206 21.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 50.269 ng

RT: 21.472 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

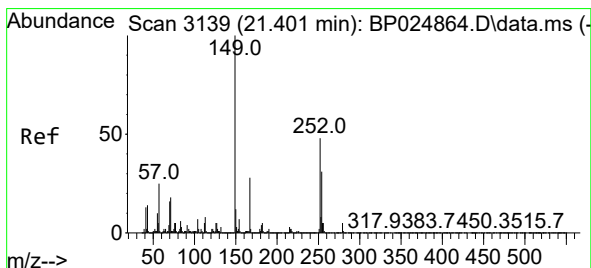
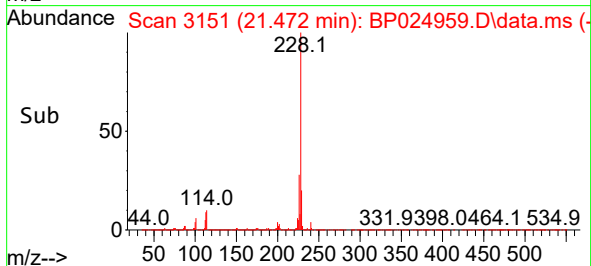
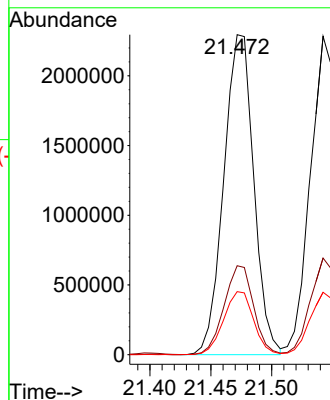
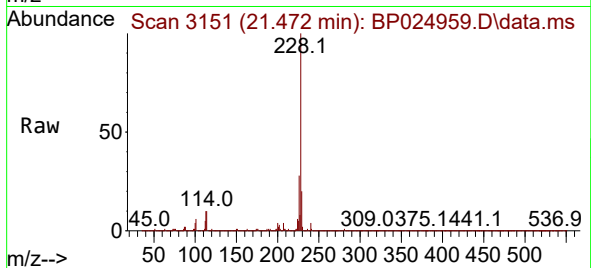
Tgt Ion:228 Resp: 3932450

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 36.122 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

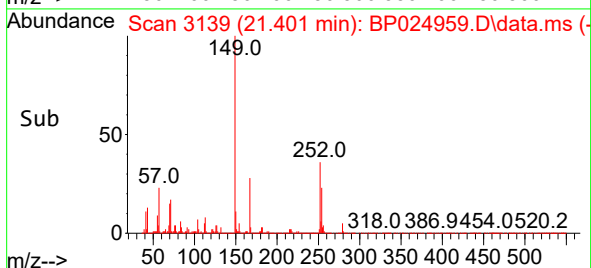
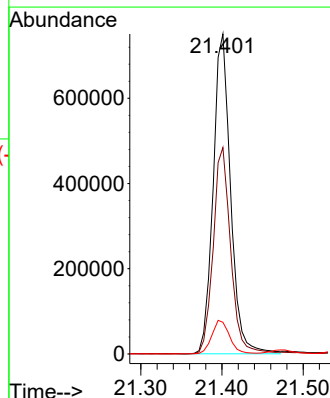
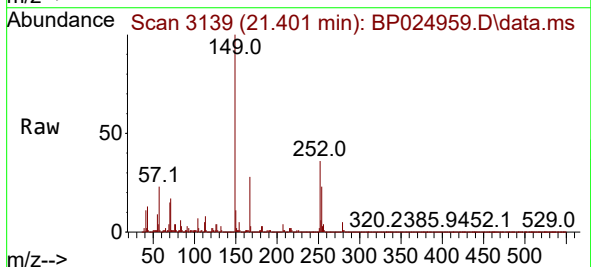
Tgt Ion:252 Resp: 1121819

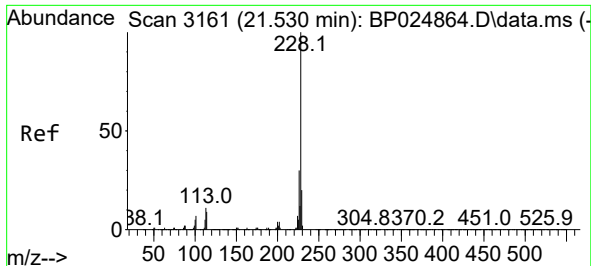
Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 9.9 8.6 12.8

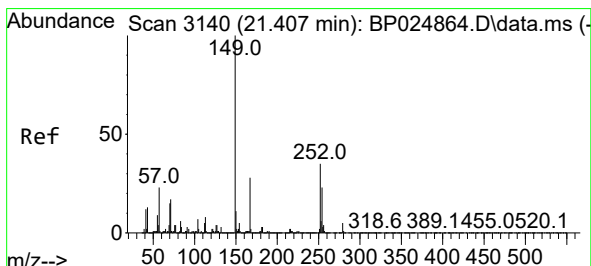
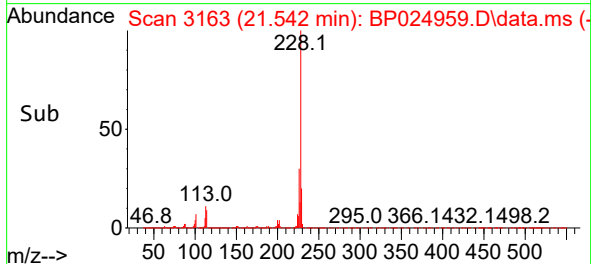
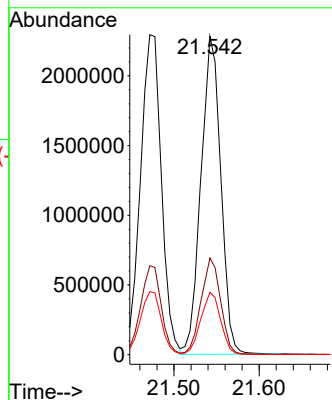
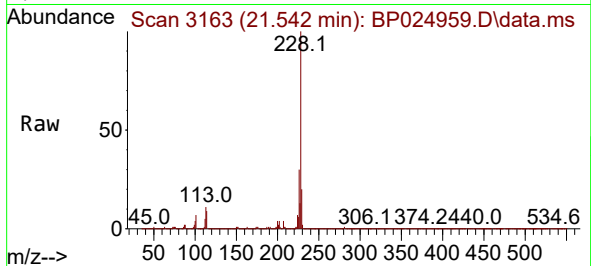




#83
Chrysene
Concen: 49.875 ng
RT: 21.542 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

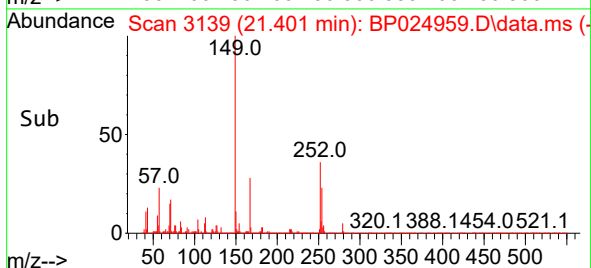
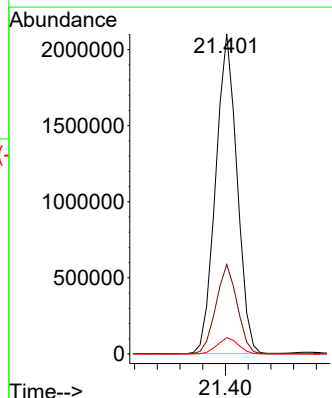
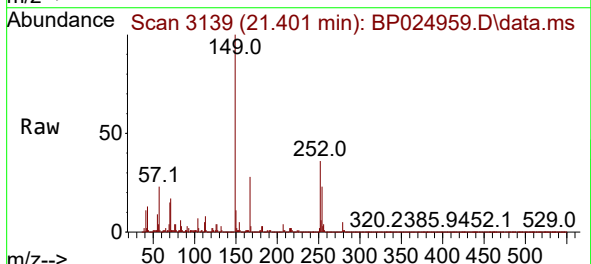
Instrument :
BNA_P
ClientSampleId :
PB168456BS

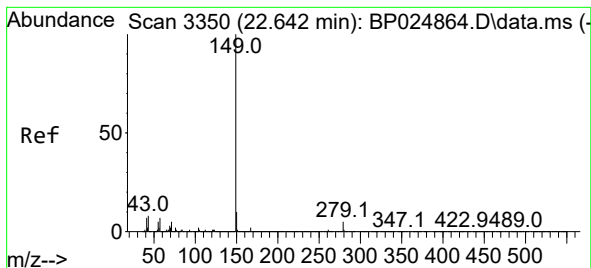
Tgt Ion:228 Resp: 3696870
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 19.6 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.809 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP024959.D
Acq: 16 Jun 2025 13:36

Tgt Ion:149 Resp: 2748569
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 55.553 ng

RT: 22.642 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

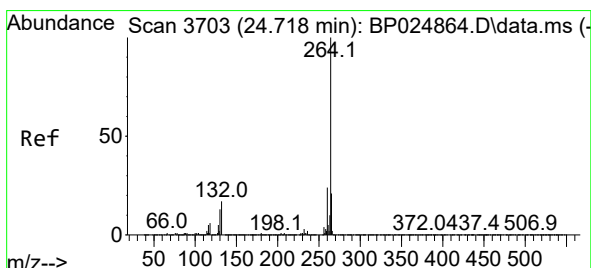
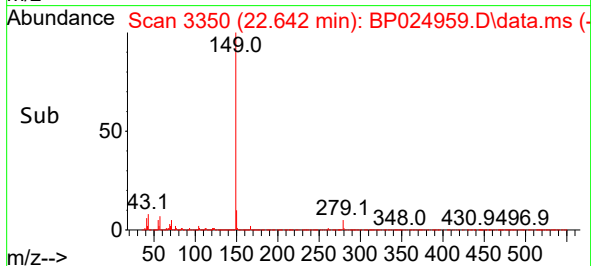
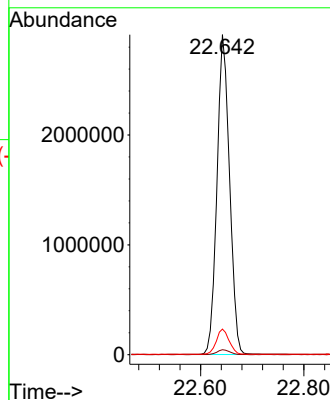
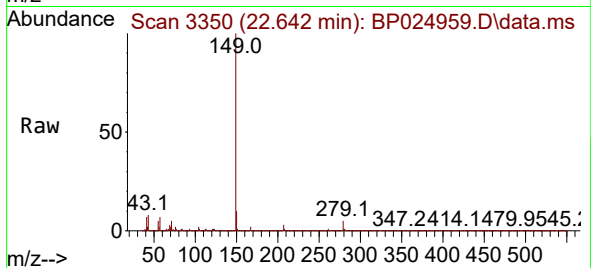
Tgt Ion:149 Resp: 4910375

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.760 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

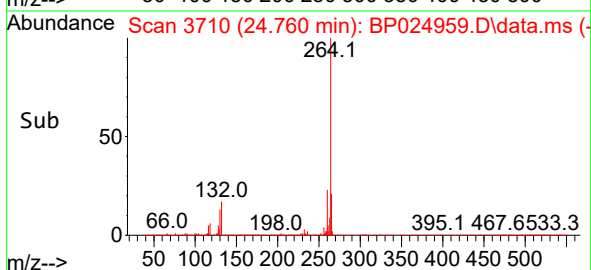
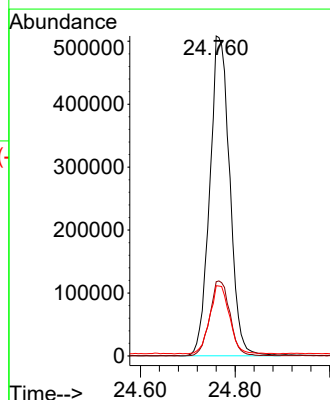
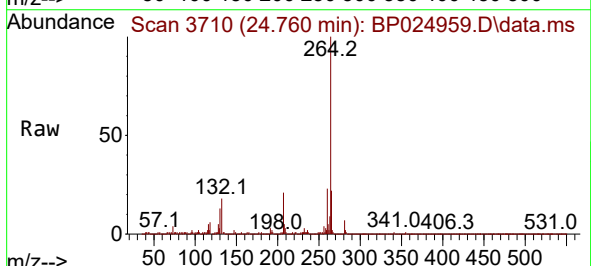
Tgt Ion:264 Resp: 1486300

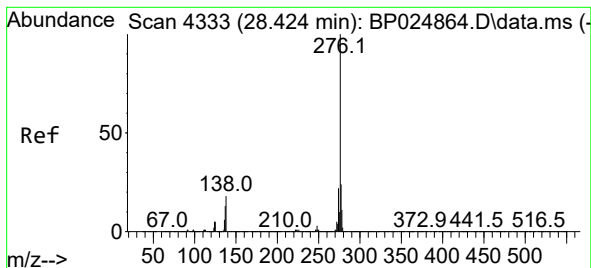
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.783 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

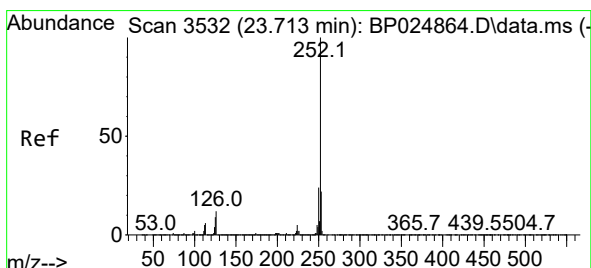
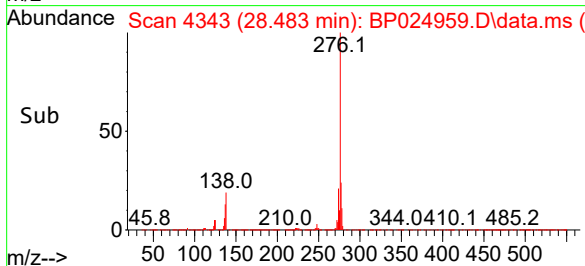
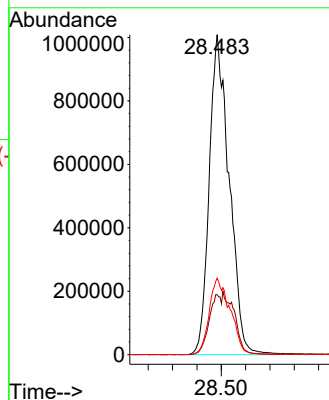
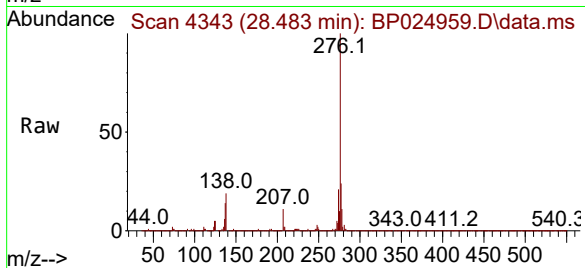
Tgt Ion:276 Resp: 5723970

Ion Ratio Lower Upper

276 100

138 11.5 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.205 ng

RT: 23.724 min Scan# 3534

Delta R.T. 0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

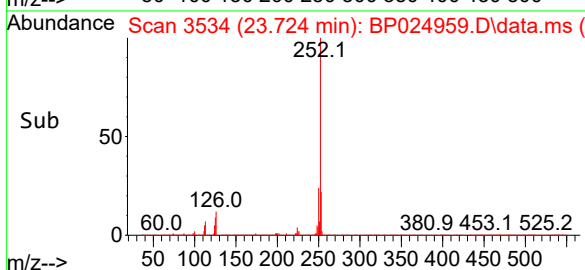
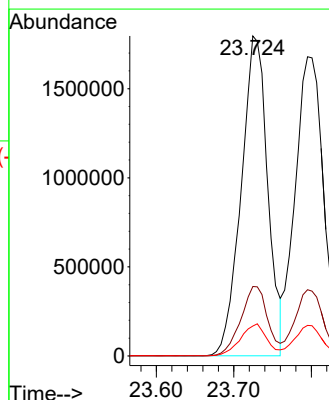
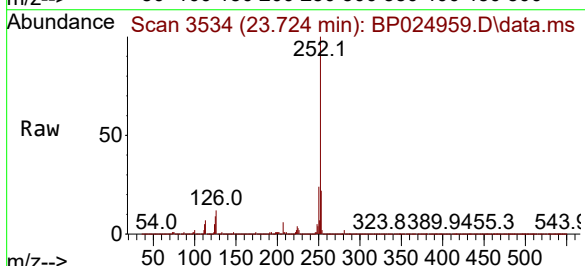
Tgt Ion:252 Resp: 4270474

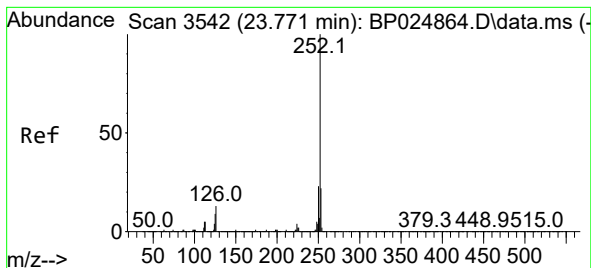
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.168 ng

RT: 23.795 min Scan# 3

Delta R.T. 0.024 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

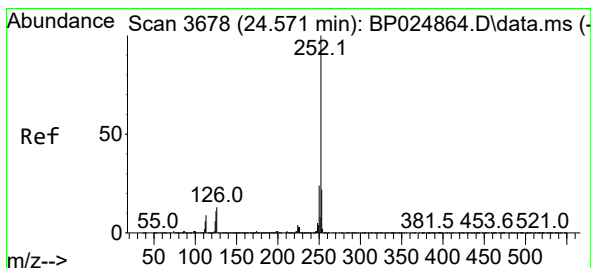
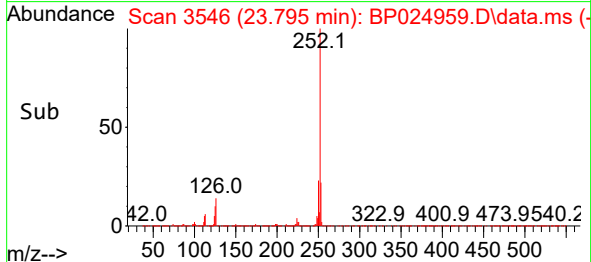
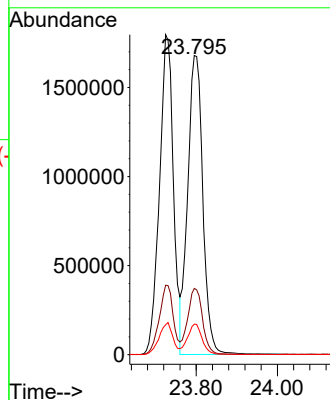
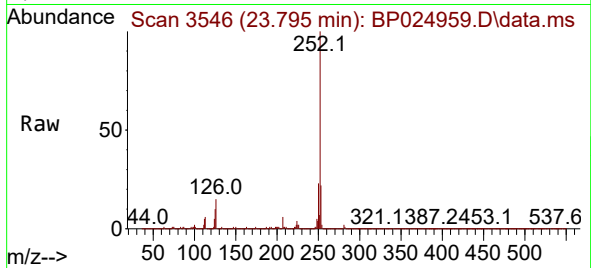
Tgt Ion:252 Resp: 4343786

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 51.049 ng

RT: 24.619 min Scan# 3686

Delta R.T. 0.047 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

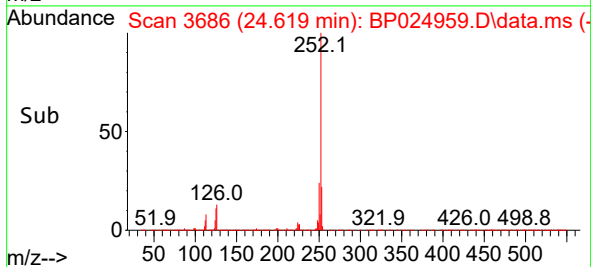
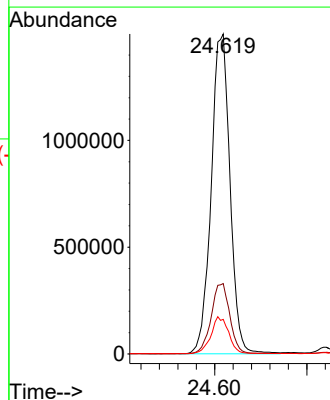
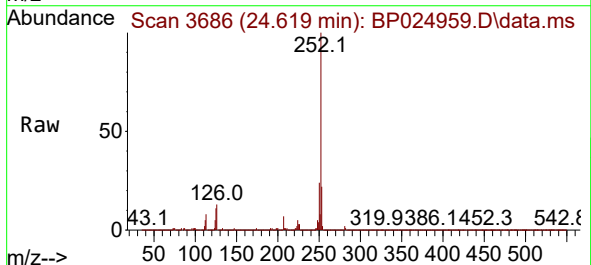
Tgt Ion:252 Resp: 4240653

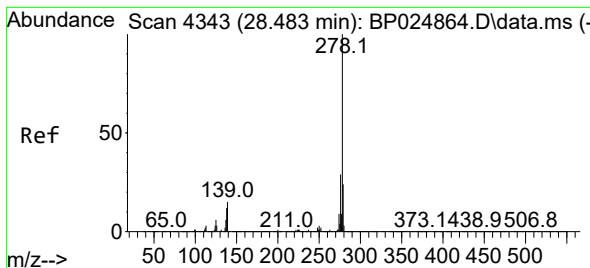
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.341 ng

RT: 28.542 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB168456BS

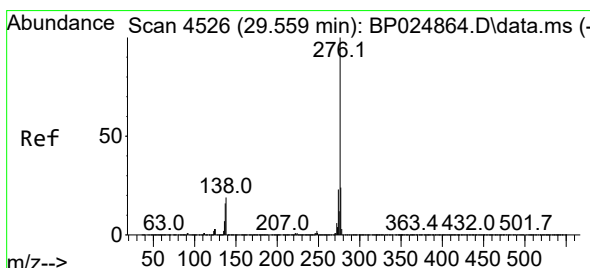
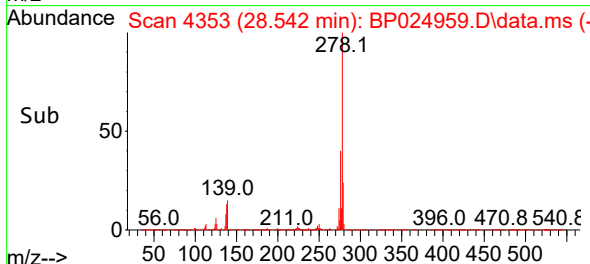
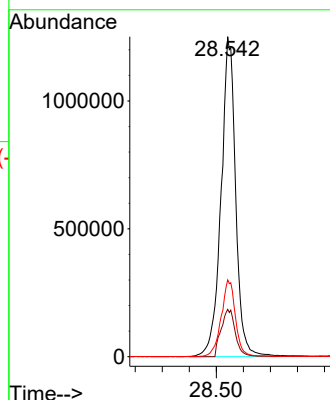
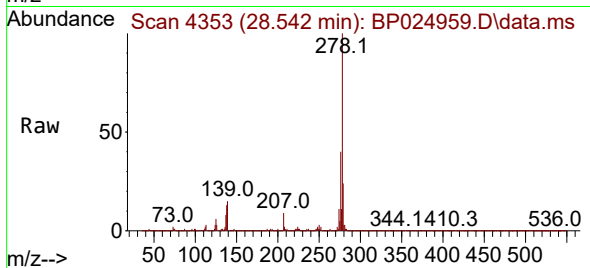
Tgt Ion:278 Resp: 4708442

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.111 ng

RT: 29.624 min Scan# 4537

Delta R.T. 0.065 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Tgt Ion:276 Resp: 4651568

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 19.6 15.4 23.2

