

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024740.D
 Acq On : 21 May 2025 16:50
 Operator : RC/JU
 Sample : PB168026BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168026BS

Quant Time: May 21 17:15:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	134273	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	511993	20.000	ng	#-0.01
39) Acenaphthene-d10	14.287	164	321175	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	621819	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	697911	20.000	ng	-0.01
86) Perylene-d12	24.792	264	814994	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	997032	127.002	ng	0.00
7) Phenol-d6	6.858	99	1174468	117.219	ng	0.00
23) Nitrobenzene-d5	8.805	82	691895	68.280	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	763461	140.217	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1884479	76.871	ng	0.00
79) Terphenyl-d14	19.810	244	3225075	79.237	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	119788	32.495	ng	96
3) Pyridine	3.617	79	282831	34.601	ng	96
4) n-Nitrosodimethylamine	3.528	42	152644	42.300	ng	87
6) Aniline	6.993	93	299582	23.159	ng	99
8) 2-Chlorophenol	7.234	128	385008	43.201	ng	97
9) Benzaldehyde	6.811	77	216617	33.398	ng	96
10) Phenol	6.881	94	422075	40.815	ng	97
11) bis(2-Chloroethyl)ether	7.087	93	311637	36.674	ng	99
12) 1,3-Dichlorobenzene	7.540	146	424311	41.383	ng	99
13) 1,4-Dichlorobenzene	7.687	146	430888	41.783	ng	100
14) 1,2-Dichlorobenzene	7.999	146	418822	41.679	ng	99
15) Benzyl Alcohol	7.899	79	307840	40.431	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	367305	36.094	ng	98
17) 2-Methylphenol	8.111	107	298124	40.194	ng	98
18) Hexachloroethane	8.716	117	154247	39.032	ng	96
19) n-Nitroso-di-n-propyla...	8.452	70	241126	34.791	ng	98
20) 3+4-Methylphenols	8.440	107	399544	39.601	ng	95
22) Acetophenone	8.469	105	542814	42.443	ng	# 99
24) Nitrobenzene	8.846	77	347586	38.979	ng	91
25) Isophorone	9.363	82	633361	36.033	ng	95
26) 2-Nitrophenol	9.546	139	204890	46.890	ng	97
27) 2,4-Dimethylphenol	9.622	122	332675	43.182	ng	100
28) bis(2-Chloroethoxy)met...	9.840	93	396749	37.781	ng	99
29) 2,4-Dichlorophenol	10.093	162	343706	46.038	ng	95
30) 1,2,4-Trichlorobenzene	10.287	180	383169	45.545	ng	98
31) Naphthalene	10.469	128	1125833	42.433	ng	100
32) Benzoic acid	9.805	122	215411	41.383	ng	96
33) 4-Chloroaniline	10.599	127	183490	17.138	ng	97
34) Hexachlorobutadiene	10.752	225	257649	47.275	ng	97
35) Caprolactam	11.393	113	113495	42.018	ng	96
36) 4-Chloro-3-methylphenol	11.740	107	400250	43.963	ng	99
37) 2-Methylnaphthalene	12.087	142	736378	42.863	ng	99
38) 1-Methylnaphthalene	12.310	142	773569	42.083	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	435958	46.744	ng	99
41) Hexachlorocyclopentadiene	12.440	237	609389	107.755	ng	98
43) 2,4,6-Trichlorophenol	12.710	196	292734	48.459	ng	97

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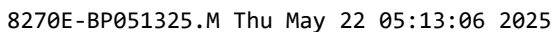
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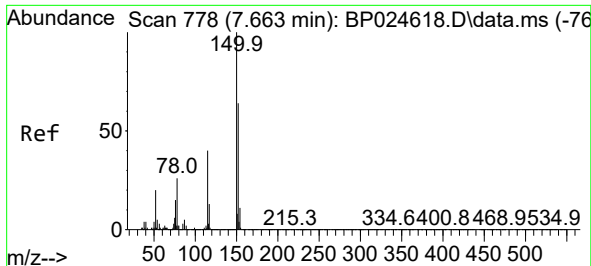
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	317188	47.170	ng	96
46) 1,1'-Biphenyl	13.110	154	1056335	44.499	ng	99
47) 2-Chloronaphthalene	13.151	162	805298	44.492	ng	99
48) 2-Nitroaniline	13.369	65	233074	43.495	ng	97
49) Acenaphthylene	14.004	152	1329954	43.908	ng	100
50) Dimethylphthalate	13.746	163	1043706	42.635	ng	100
51) 2,6-Dinitrotoluene	13.869	165	231482	44.774	ng	98
52) Acenaphthene	14.357	154	740473	42.524	ng	99
53) 3-Nitroaniline	14.210	138	119170	22.574	ng	100
54) 2,4-Dinitrophenol	14.428	184	264851	81.140	ng	96
55) Dibenzofuran	14.698	168	1189129	42.813	ng	100
56) 4-Nitrophenol	14.563	139	355366	77.875	ng	97
57) 2,4-Dinitrotoluene	14.675	165	330812	45.386	ng	97
58) Fluorene	15.357	166	948040	41.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	291266	46.694	ng	97
60) Diethylphthalate	15.134	149	1009664	40.807	ng	98
61) 4-Chlorophenyl-phenyle...	15.357	204	488094	43.215	ng	97
62) 4-Nitroaniline	15.404	138	214068m	41.997	ng	
63) Azobenzene	15.651	77	781467	36.920	ng	94
65) 4,6-Dinitro-2-methylph...	15.457	198	179101	44.591	ng	92
66) n-Nitrosodiphenylamine	15.575	169	822816	43.080	ng	98
67) 4-Bromophenyl-phenylether	16.269	248	338918	46.255	ng	95
68) Hexachlorobenzene	16.387	284	432441	46.446	ng	96
69) Atrazine	16.557	200	333765	47.684	ng	99
70) Pentachlorophenol	16.745	266	563019	107.725	ng	99
71) Phenanthrene	17.134	178	1503644	43.498	ng	100
72) Anthracene	17.228	178	1540314	44.289	ng	100
73) Carbazole	17.516	167	1409082	44.763	ng	100
74) Di-n-butylphthalate	18.098	149	1773755	43.814	ng	99
75) Fluoranthene	19.210	202	1768553	43.768	ng	99
77) Benzidine	19.416	184	715675	37.651	ng	100
78) Pyrene	19.586	202	1874917	44.836	ng	100
80) Butylbenzylphthalate	20.539	149	868659	46.707	ng	95
81) Benzo(a)anthracene	21.486	228	1948641	44.466	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	535256	32.885	ng	100
83) Chrysene	21.557	228	1864035	44.871	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	1278909	46.786	ng	99
85) Di-n-octyl phthalate	22.669	149	2124324	47.523	ng	99
87) Indeno(1,2,3-cd)pyrene	28.498	276	2716306	45.653	ng	# 89
88) Benzo(b)fluoranthene	23.751	252	2093567	44.879	ng	98
89) Benzo(k)fluoranthene	23.821	252	2186408	45.485	ng	99
90) Benzo(a)pyrene	24.633	252	2041978	45.577	ng	99
91) Dibenzo(a,h)anthracene	28.580	278	2225175	45.970	ng	97
92) Benzo(g,h,i)perylene	29.639	276	2181545	45.321	ng	97

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

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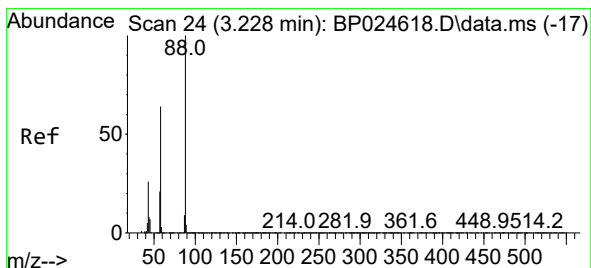
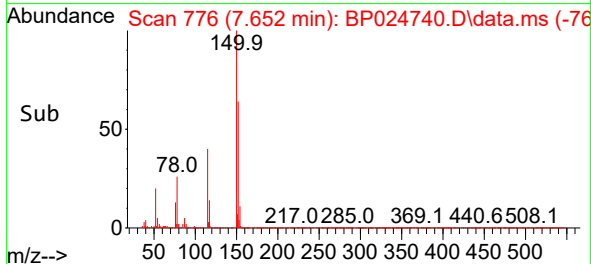
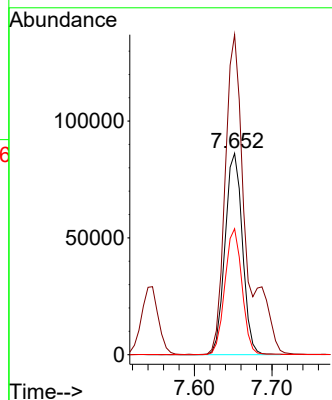
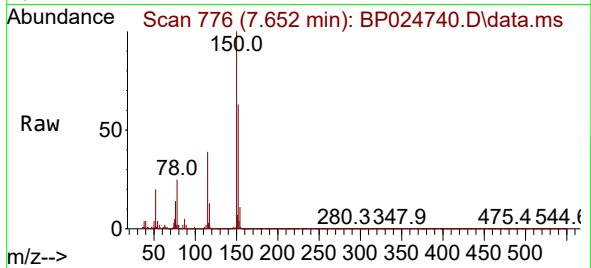




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

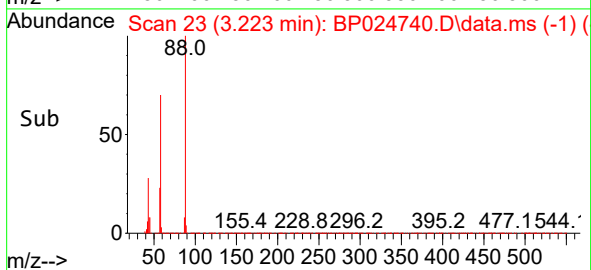
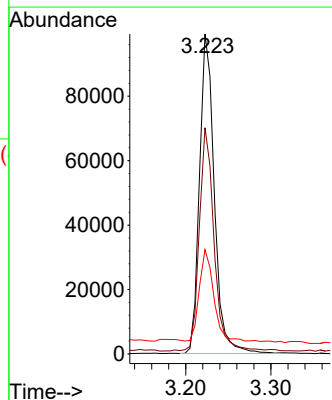
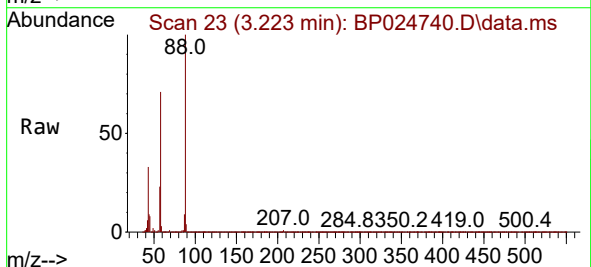
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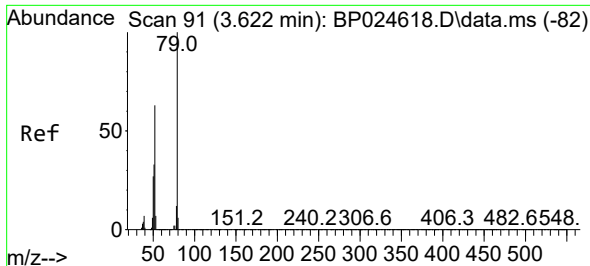
Tgt Ion:152 Resp: 134273
Ion Ratio Lower Upper
152 100
150 158.9 125.9 188.9
115 62.6 50.1 75.1



#2
1,4-Dioxane
Concen: 32.495 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion: 88 Resp: 119788
Ion Ratio Lower Upper
88 100
58 69.9 54.0 81.0
43 29.9 21.4 32.0

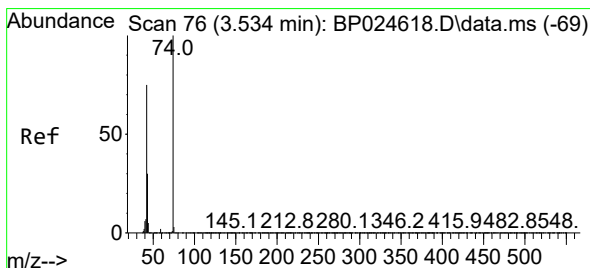
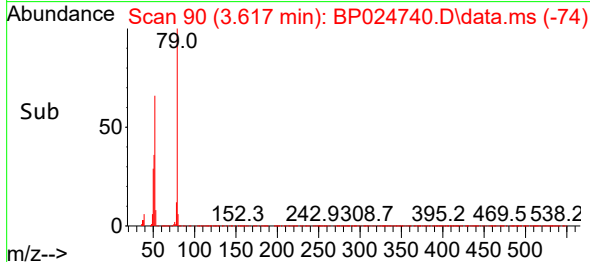
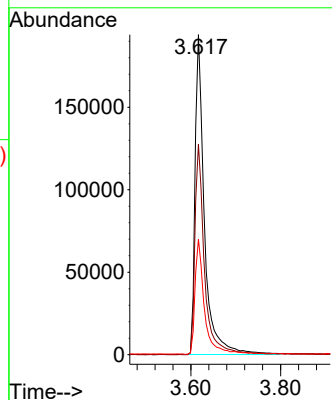
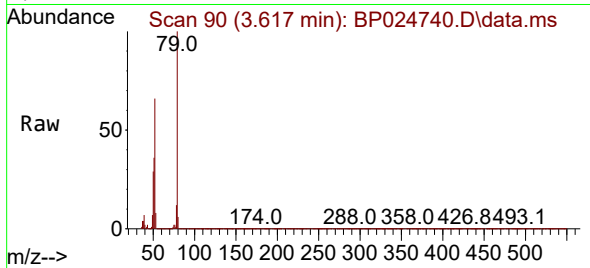




#3
 Pyridine
 Concen: 34.601 ng
 RT: 3.617 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BP024740.D
 Acq: 21 May 2025 16:50

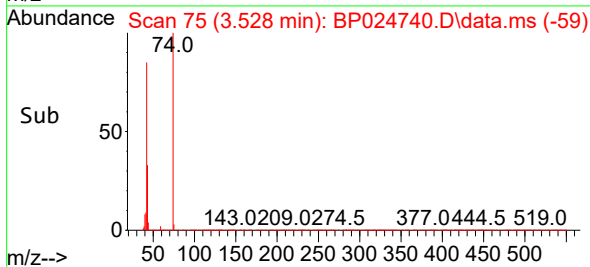
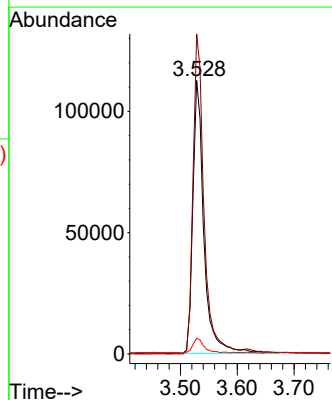
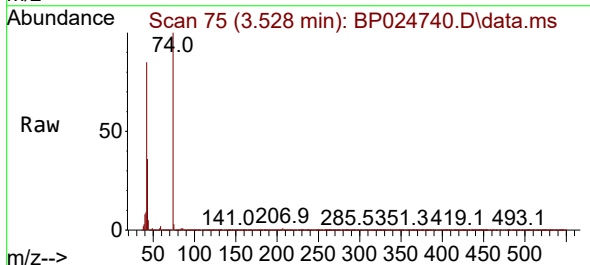
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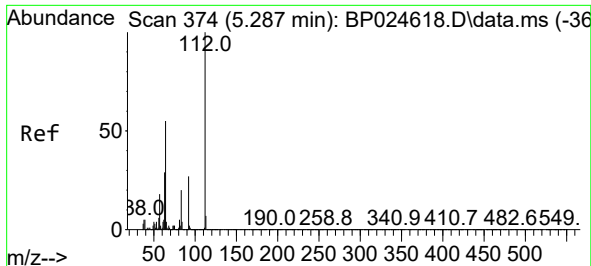
Tgt Ion: 79 Resp: 282831
 Ion Ratio Lower Upper
 79 100
 52 65.8 50.2 75.2
 51 36.1 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 42.300 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024740.D
 Acq: 21 May 2025 16:50

Tgt Ion: 42 Resp: 152644
 Ion Ratio Lower Upper
 42 100
 74 117.0 106.2 159.2
 44 5.8 5.4 8.2

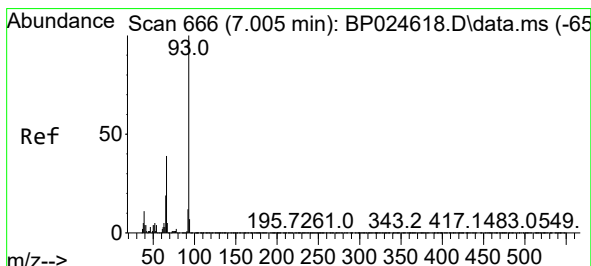
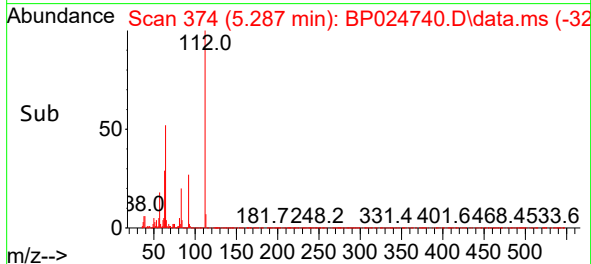
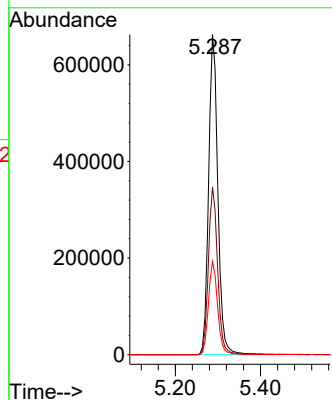
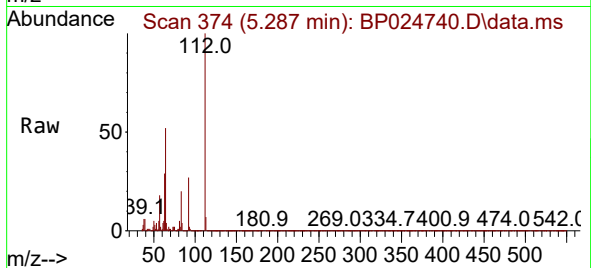




#5
2-Fluorophenol
Concen: 127.002 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

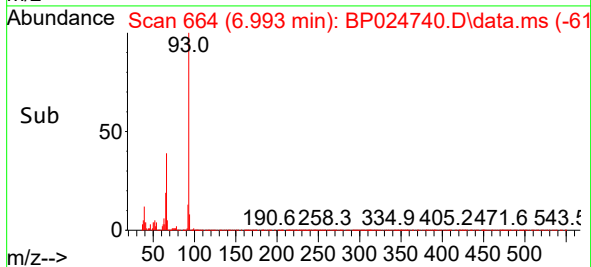
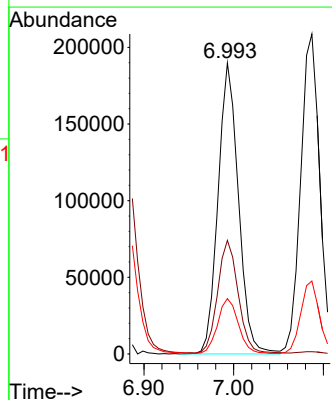
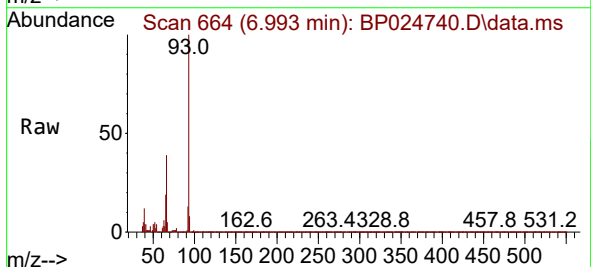
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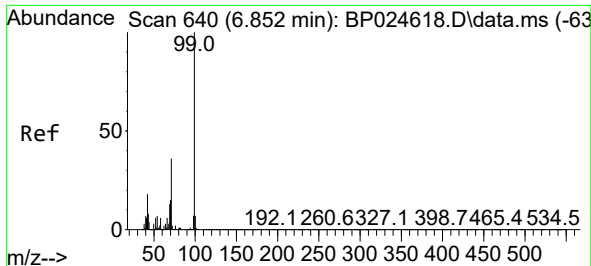
Tgt Ion:112 Resp: 997032
Ion Ratio Lower Upper
112 100
64 52.4 44.1 66.1
63 29.1 23.5 35.3



#6
Aniline
Concen: 23.159 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion: 93 Resp: 299582
Ion Ratio Lower Upper
93 100
66 39.1 31.0 46.6
65 19.0 15.5 23.3

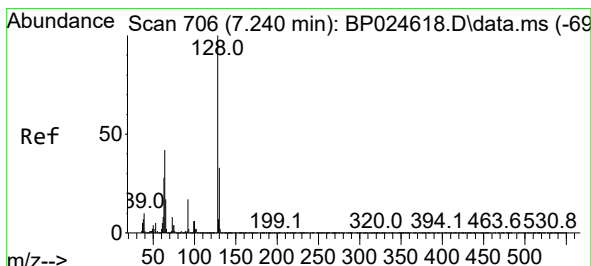
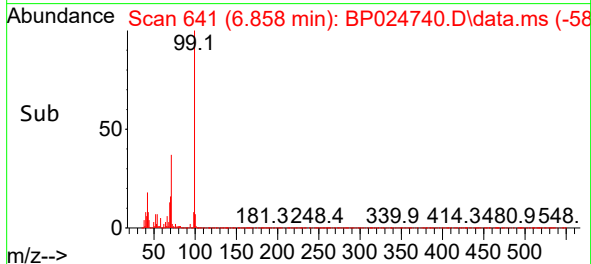
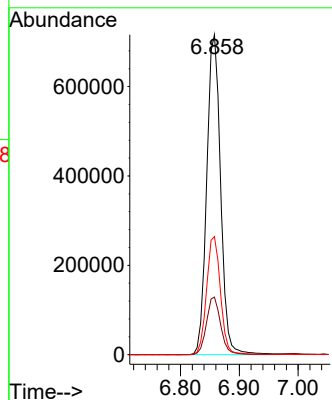
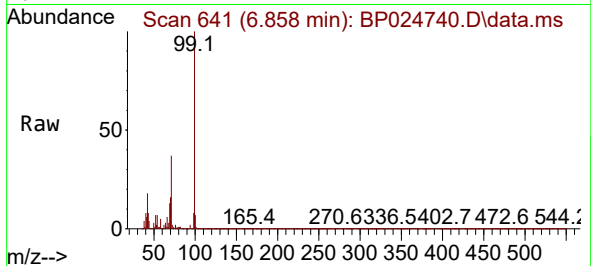




#7
Phenol-d6
Concen: 117.219 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

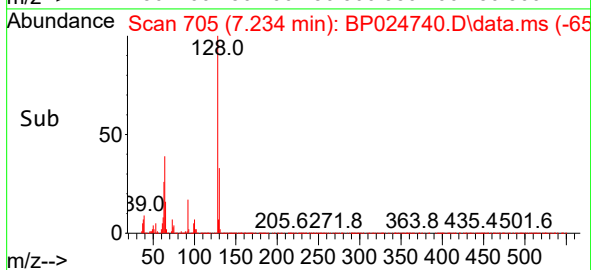
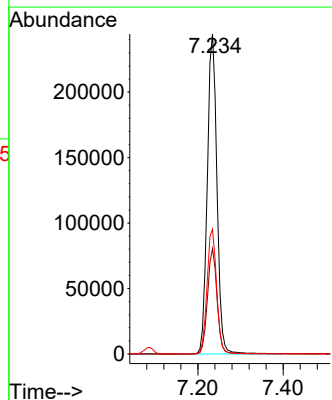
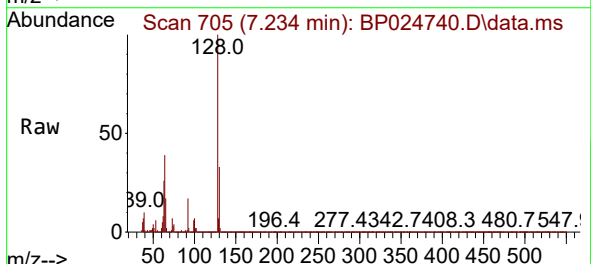
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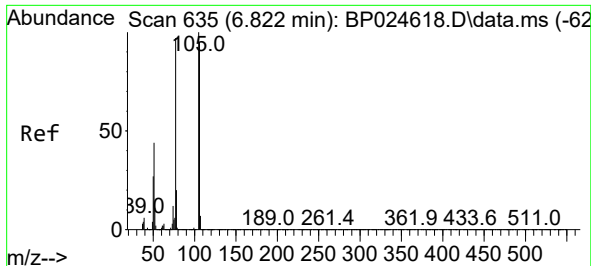
Tgt Ion: 99 Resp: 1174468
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 36.9 29.2 43.8



#8
2-Chlorophenol
Concen: 43.201 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:128 Resp: 385008
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 39.0 22.3 62.3

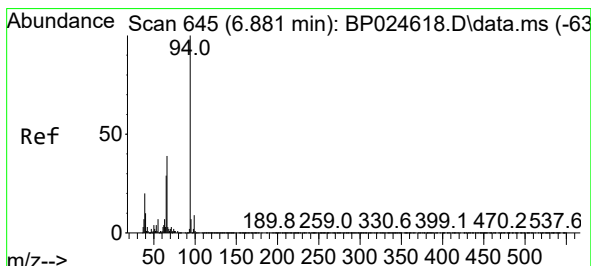
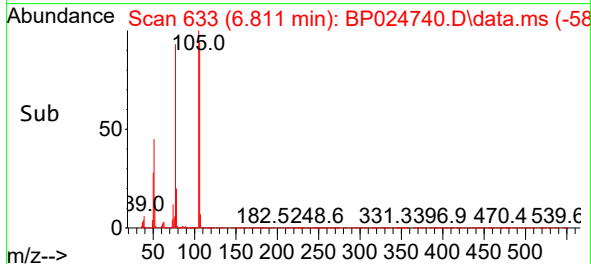
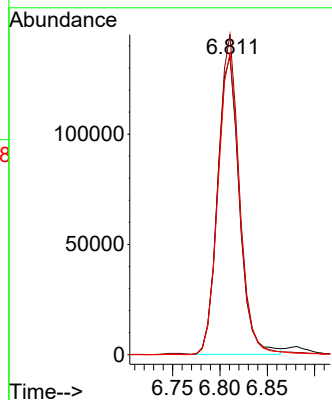
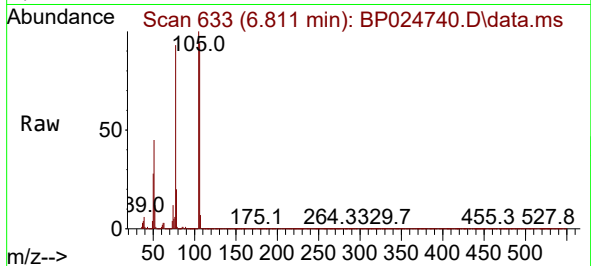




#9
Benzaldehyde
Concen: 33.398 ng
RT: 6.811 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024740.D
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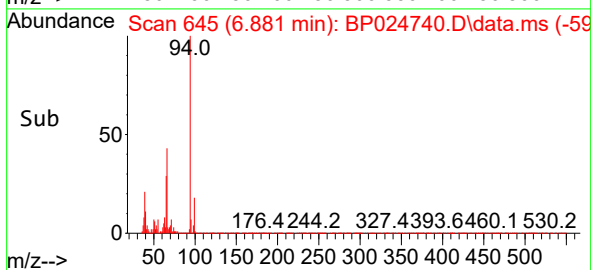
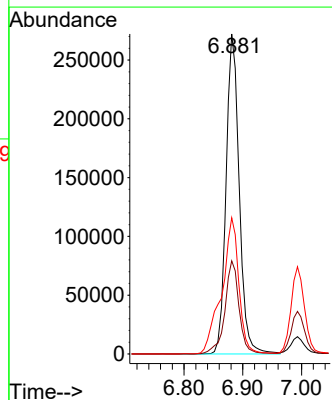
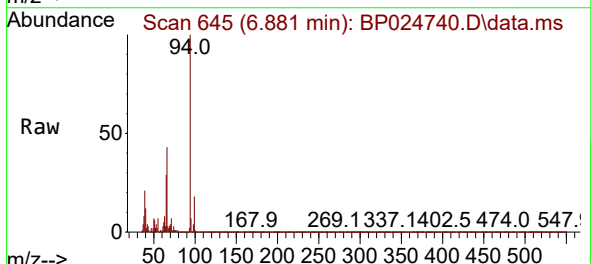
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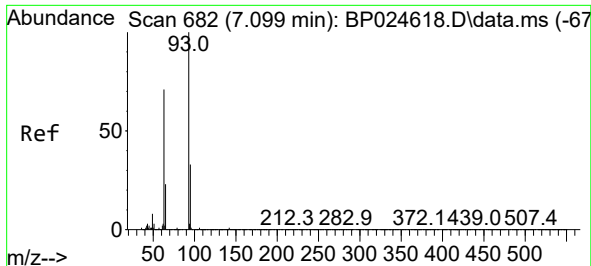
Tgt Ion: 77 Resp: 216617
Ion Ratio Lower Upper
77 100
105 107.3 83.3 123.3
106 101.1 78.0 118.0



#10
Phenol
Concen: 40.815 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion: 94 Resp: 422075
Ion Ratio Lower Upper
94 100
65 29.1 8.7 48.7
66 42.6 19.4 59.4

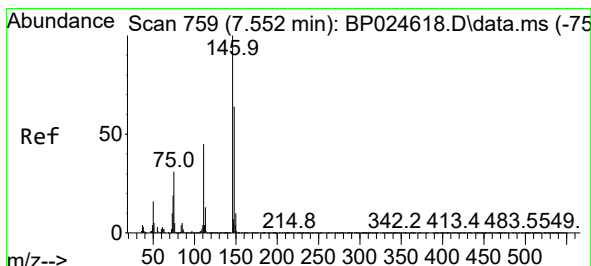
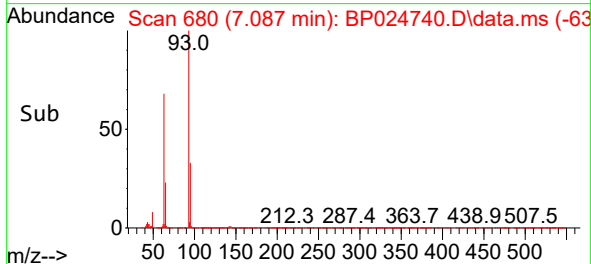
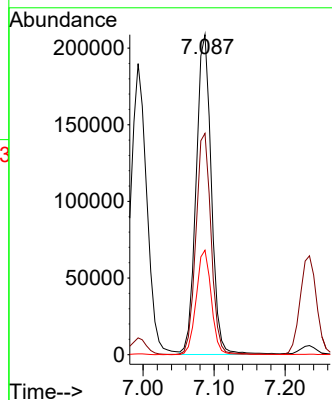
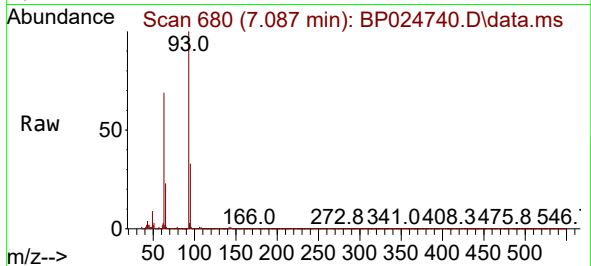




#11
bis(2-Chloroethyl)ether
Concen: 36.674 ng
RT: 7.087 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

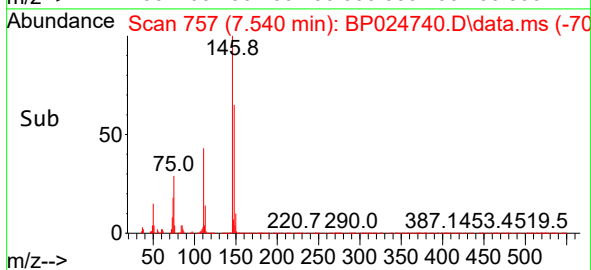
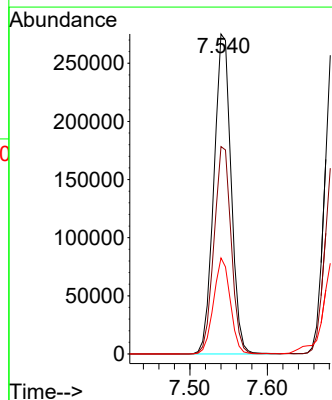
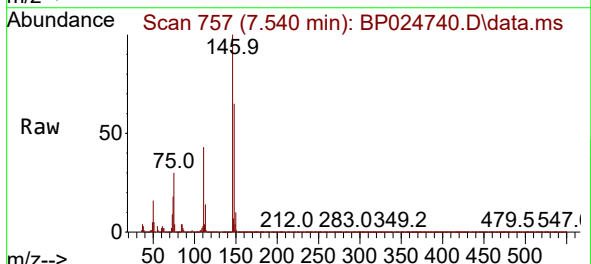
Instrument :
BNA_P
ClientSampleId :
PB168026BS

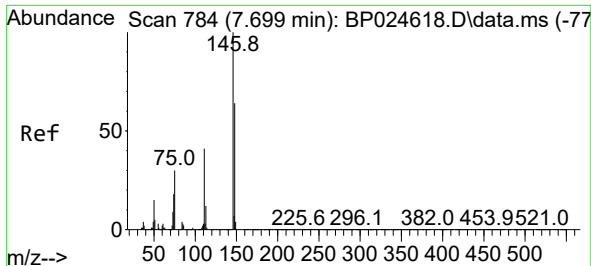
Tgt Ion: 93 Resp: 311637
Ion Ratio Lower Upper
93 100
63 69.1 50.6 90.6
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.383 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:146 Resp: 424311
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 30.0 25.2 37.8

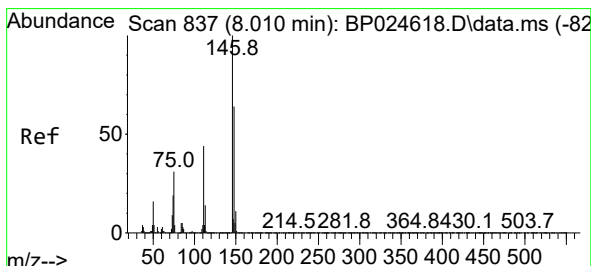
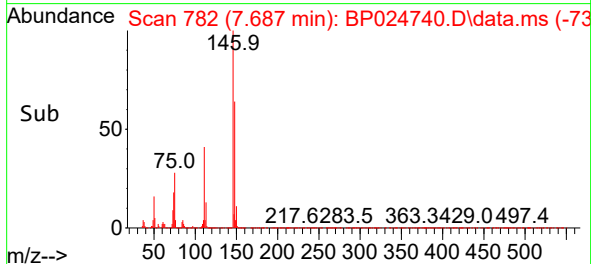
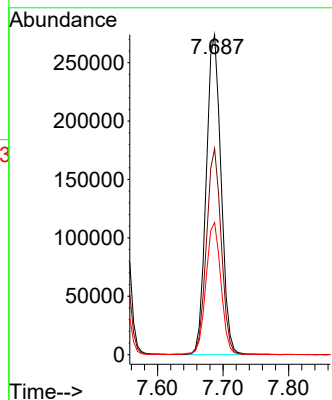
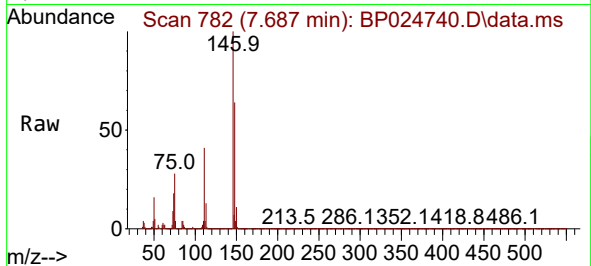




#13
1,4-Dichlorobenzene
Concen: 41.783 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

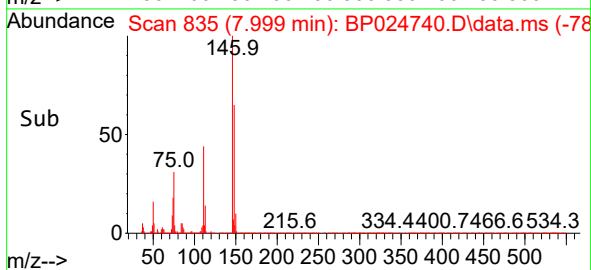
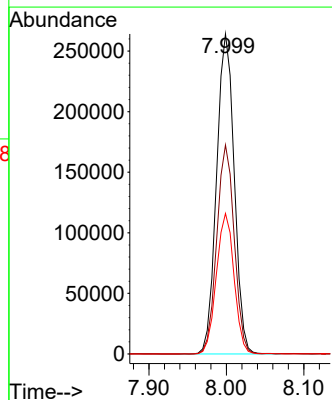
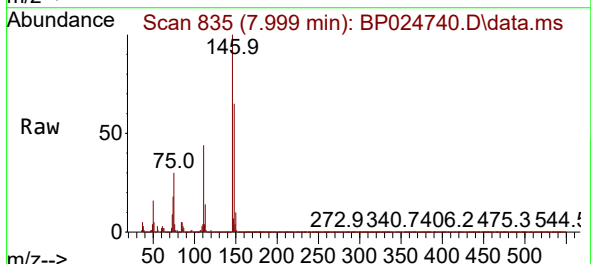
Instrument :
BNA_P
ClientSampleId :
PB168026BS

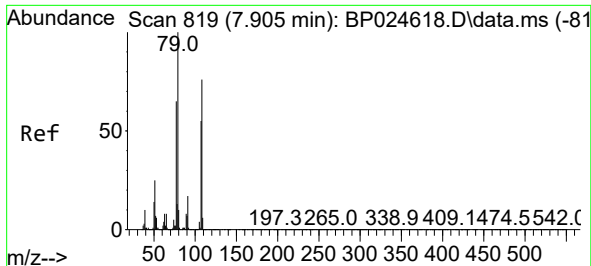
Tgt Ion:146 Resp: 430888
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 41.3 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 41.679 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:146 Resp: 418822
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
111 43.9 35.2 52.8

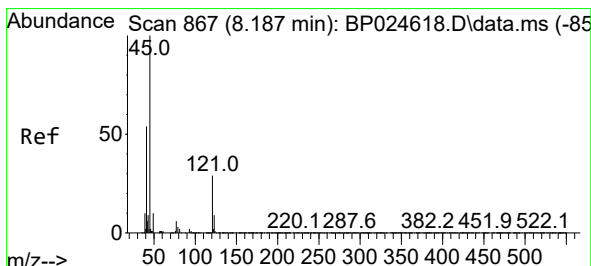
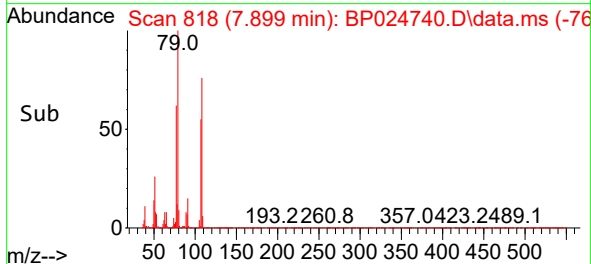
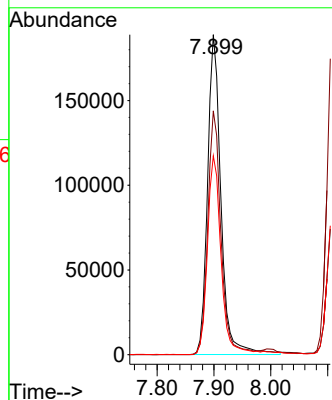
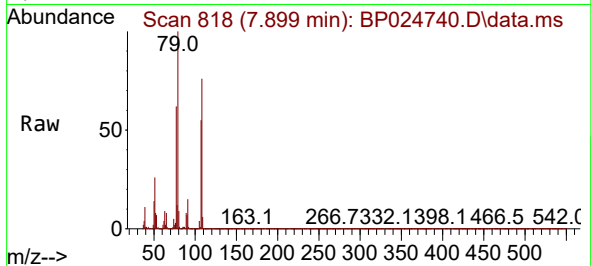




#15
Benzyl Alcohol
Concen: 40.431 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

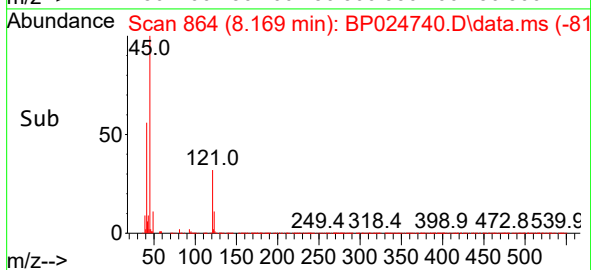
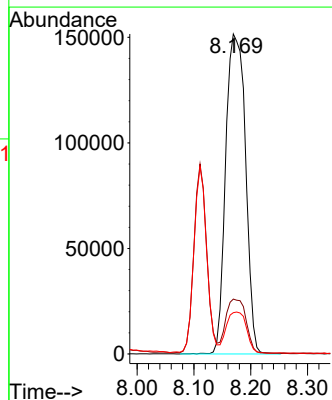
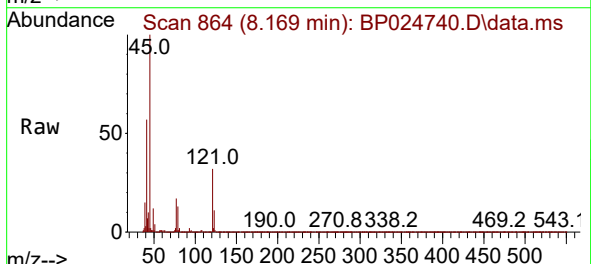
Instrument :
BNA_P
ClientSampleId :
PB168026BS

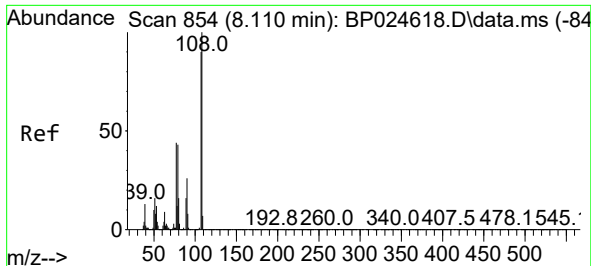
Tgt Ion: 79 Resp: 307840
Ion Ratio Lower Upper
79 100
108 76.2 60.8 91.2
77 62.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.094 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

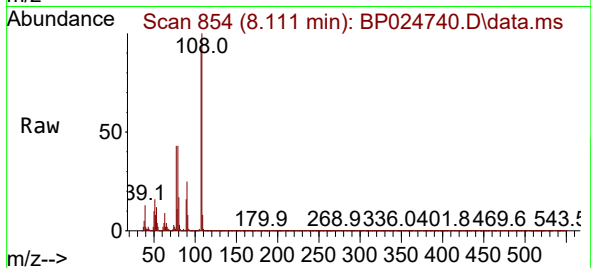
Tgt Ion: 45 Resp: 367305
Ion Ratio Lower Upper
45 100
77 17.2 0.0 37.7
79 12.9 0.0 34.0



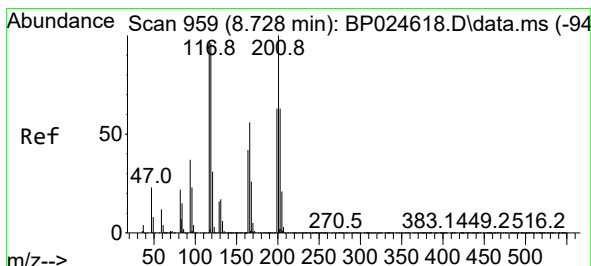
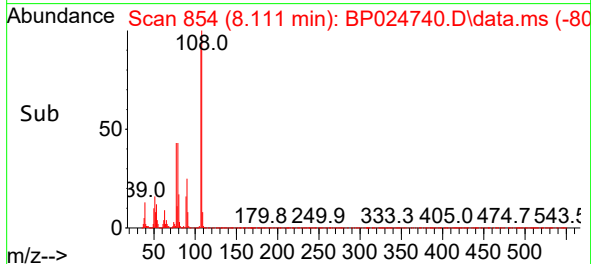
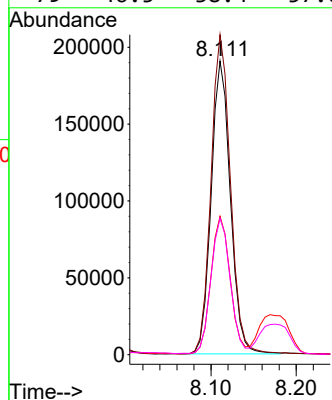


#17
2-Methylphenol
Concen: 40.194 ng
RT: 8.111 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Instrument :
BNA_P
ClientSampleId :
PB168026BS

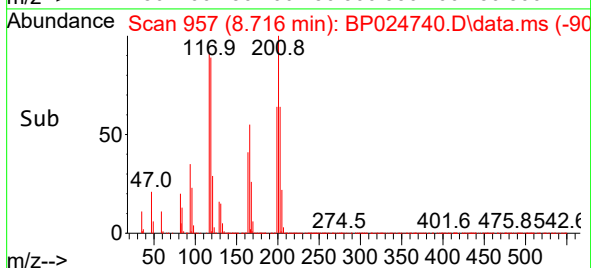
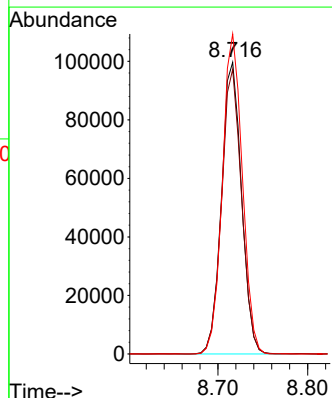
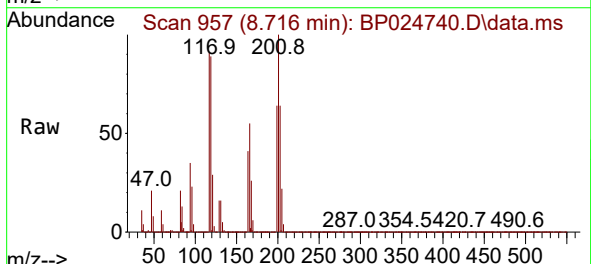


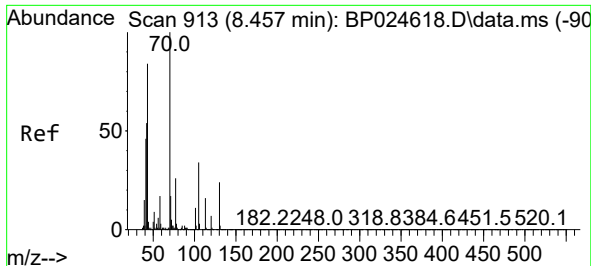
Tgt Ion:	107	Resp:	298124
Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.9	133.3
77	47.1	39.0	58.6
79	46.5	38.4	57.6



#18
Hexachloroethane
Concen: 39.032 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:	117	Resp:	154247
Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.4	119.0
201	109.7	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 34.791 ng

RT: 8.452 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

Tgt Ion: 70 Resp: 241126

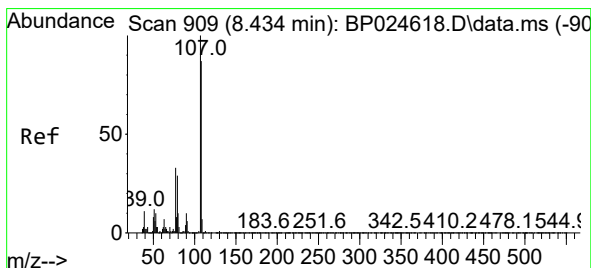
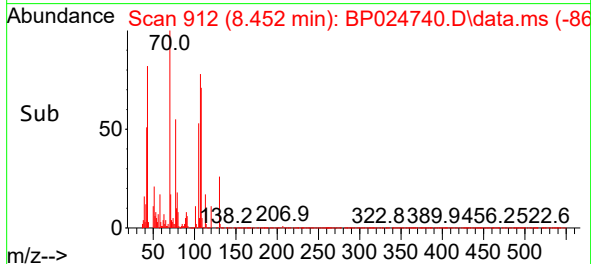
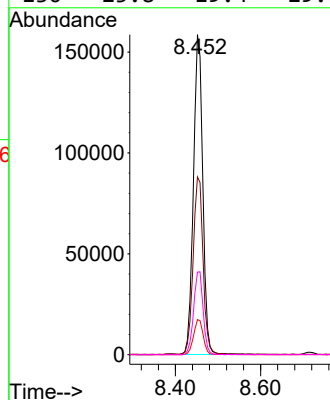
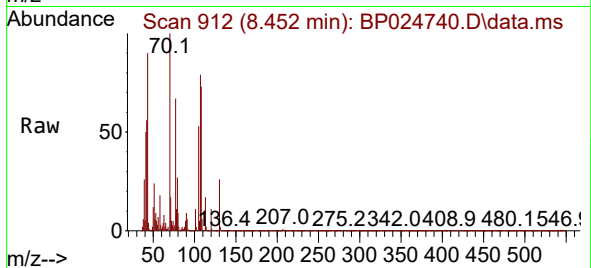
Ion Ratio Lower Upper

70 100

42 55.5 43.0 64.6

101 11.0 8.7 13.1

130 25.8 19.4 29.0



#20

3+4-Methylphenols

Concen: 39.601 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Tgt Ion:107 Resp: 399544

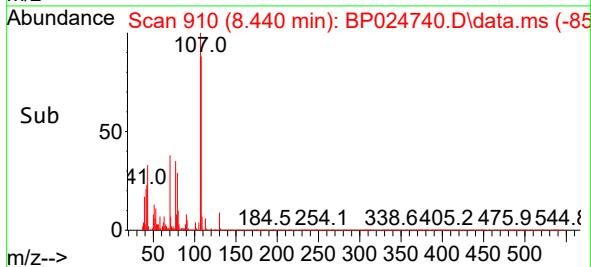
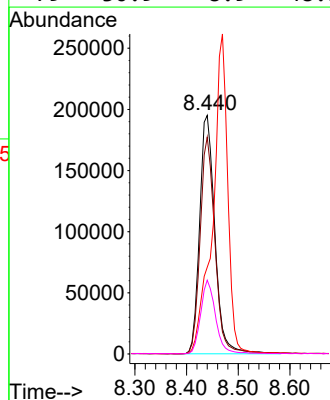
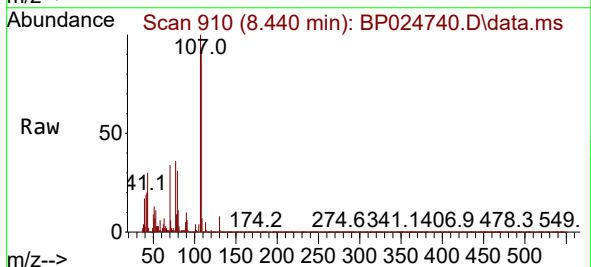
Ion Ratio Lower Upper

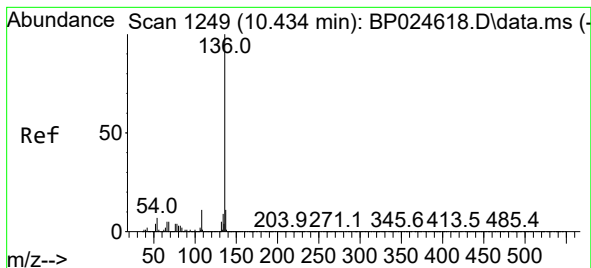
107 100

108 90.8 66.7 106.7

77 36.3 13.1 53.1

79 30.9 8.9 48.9

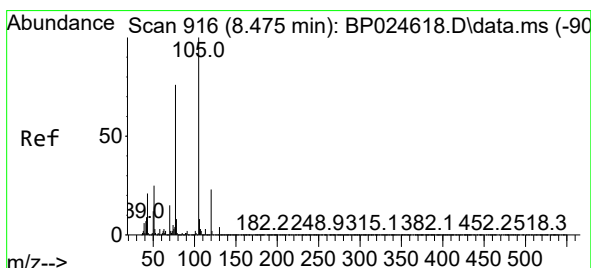
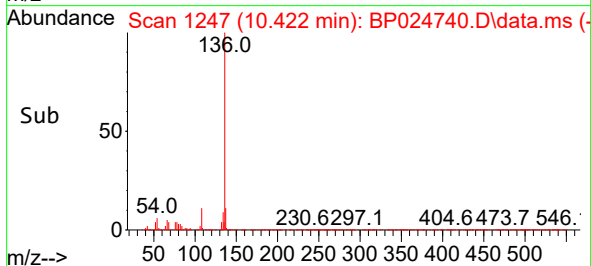
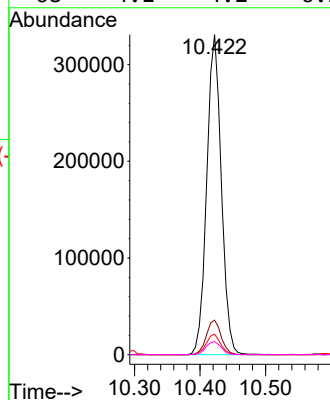
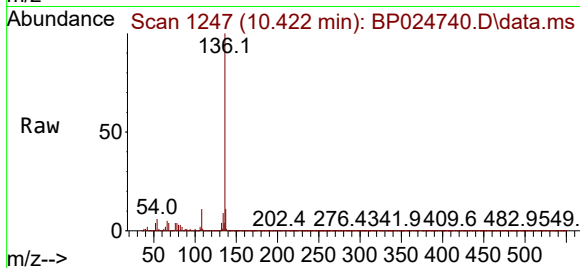




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

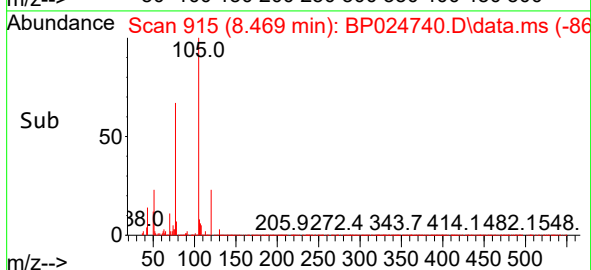
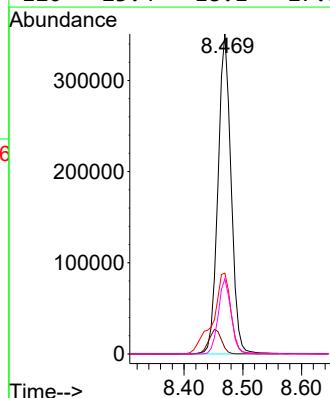
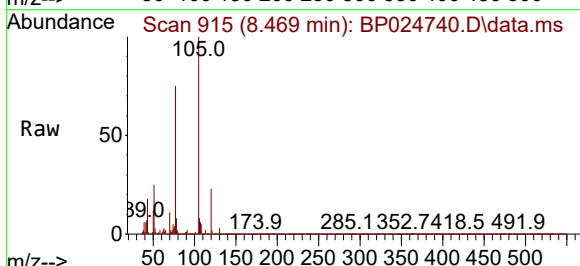
Instrument :
BNA_P
ClientSampleId :
PB168026BS

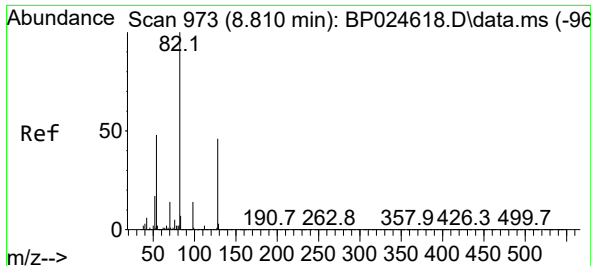
Tgt Ion:	136	Resp:	511993
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	6.4	5.5	8.3
68	4.1	4.2	6.2



#22
Acetophenone
Concen: 42.443 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:	105	Resp:	542814
Ion Ratio	Lower	Upper	
105	100		
71	1.9	2.0	3.0
51	25.2	20.4	30.6
120	23.4	18.1	27.1





#23

Nitrobenzene-d5

Concen: 68.280 ng

RT: 8.805 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

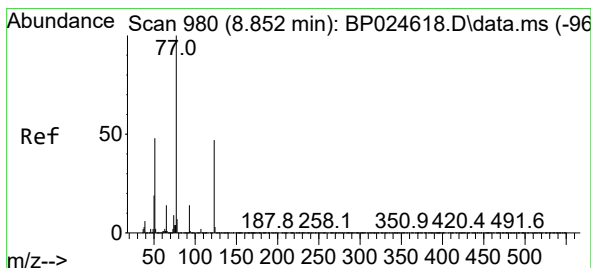
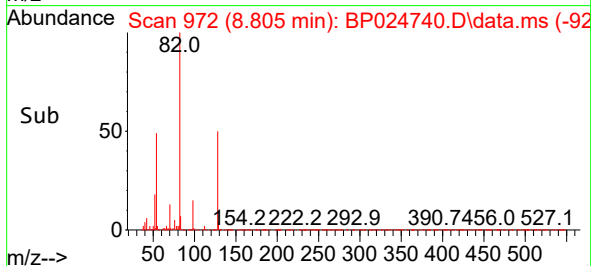
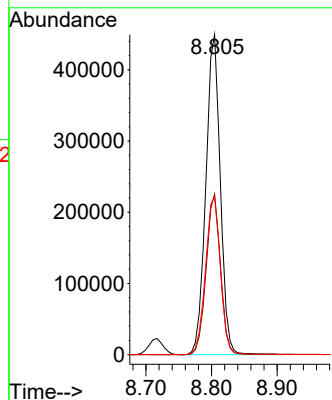
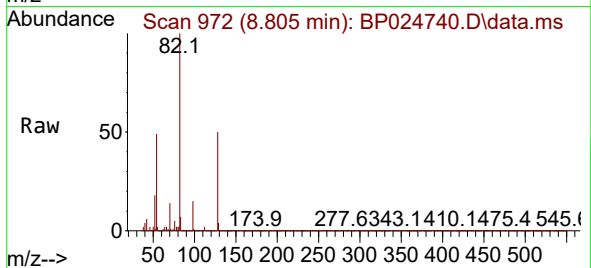
Tgt Ion: 82 Resp: 691895

Ion Ratio Lower Upper

82 100

128 50.3 37.0 55.4

54 49.3 38.7 58.1



#24

Nitrobenzene

Concen: 38.979 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

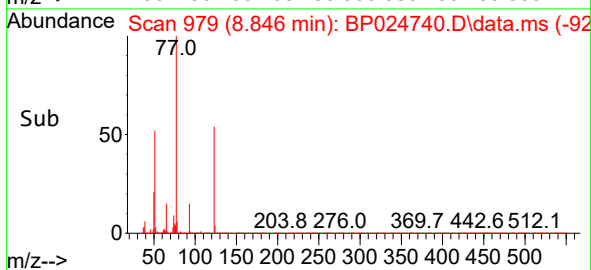
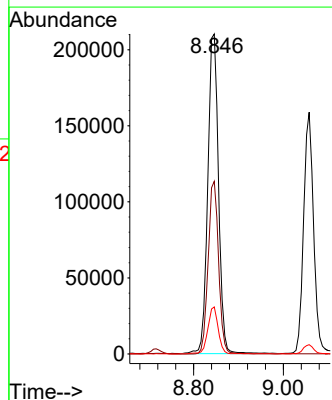
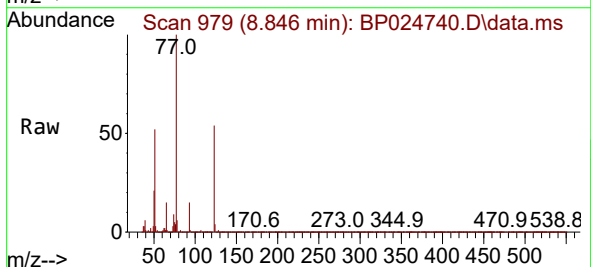
Tgt Ion: 77 Resp: 347586

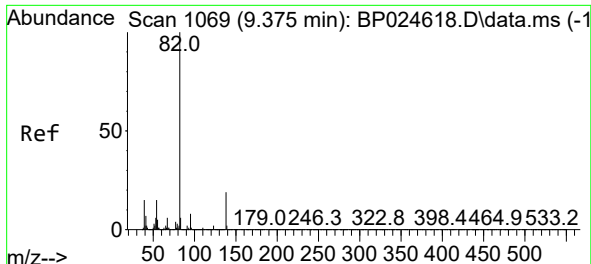
Ion Ratio Lower Upper

77 100

123 54.0 37.4 56.0

65 14.7 11.3 16.9

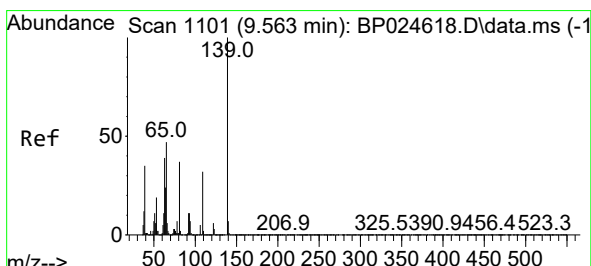
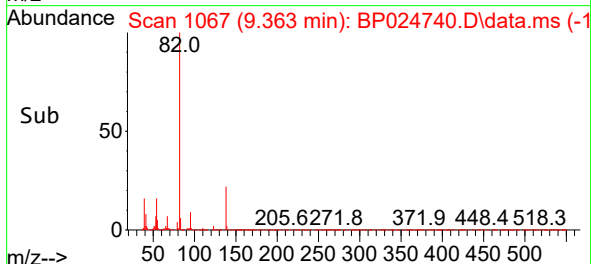
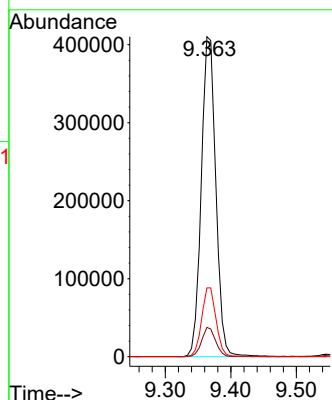
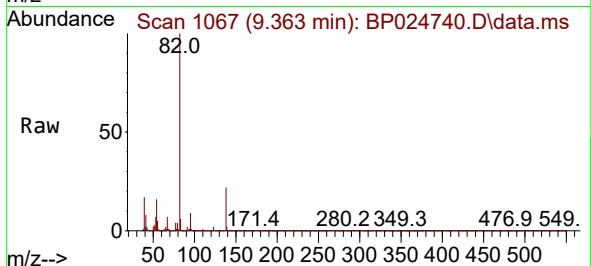




#25
Isophorone
Concen: 36.033 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

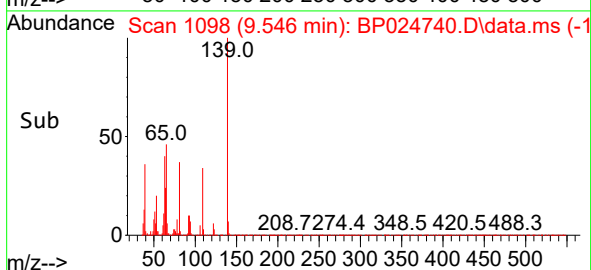
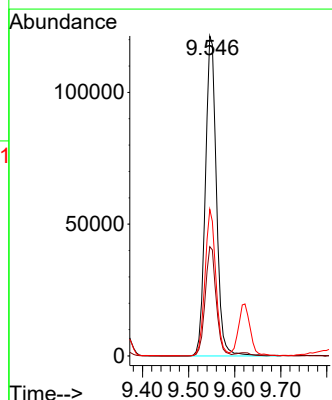
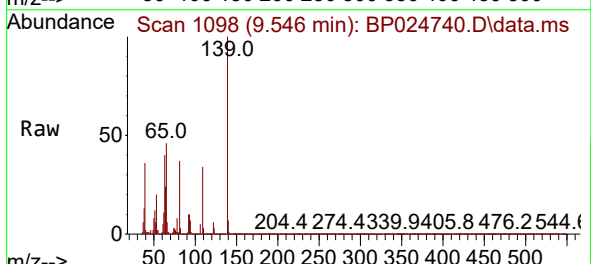
Instrument :
BNA_P
ClientSampleId :
PB168026BS

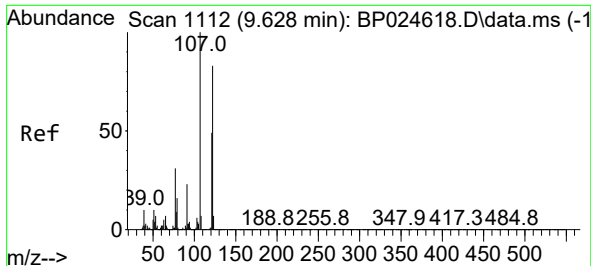
Tgt Ion: 82 Resp: 633361
Ion Ratio Lower Upper
82 100
95 9.2 6.3 9.5
138 21.5 15.3 22.9



#26
2-Nitrophenol
Concen: 46.890 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:139 Resp: 204890
Ion Ratio Lower Upper
139 100
109 34.1 25.9 38.9
65 45.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 43.182 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

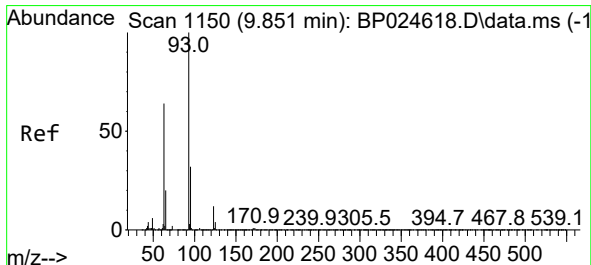
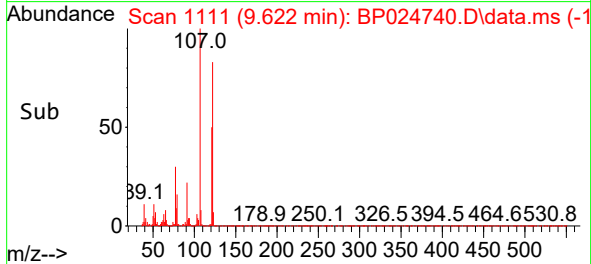
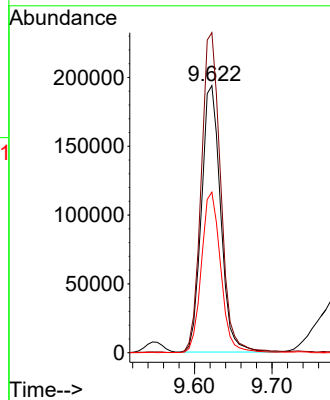
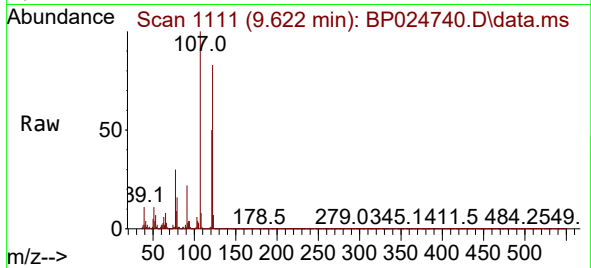
Tgt Ion:122 Resp: 332675

Ion Ratio Lower Upper

122 100

107 119.9 96.2 144.2

121 60.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.781 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

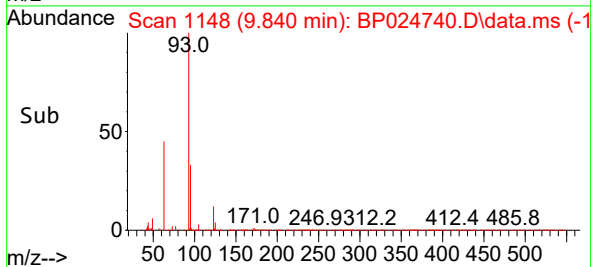
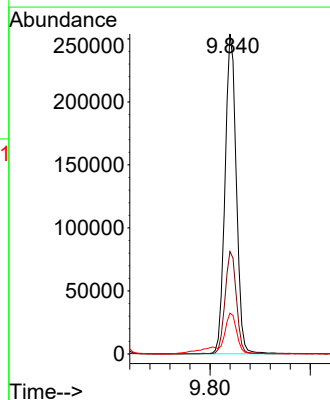
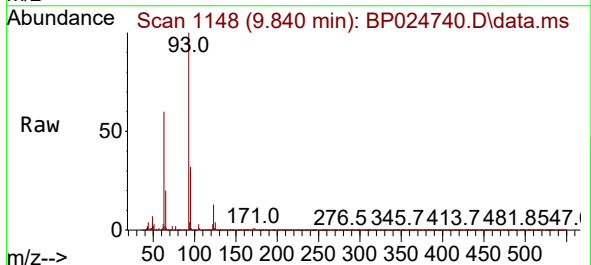
Tgt Ion: 93 Resp: 396749

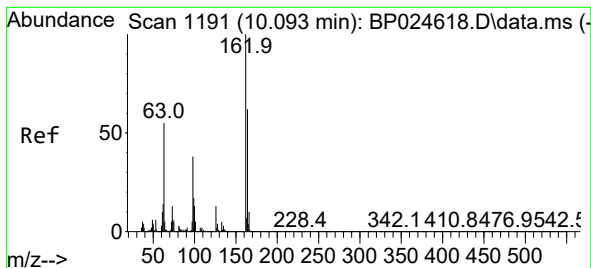
Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

123 12.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 46.038 ng

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

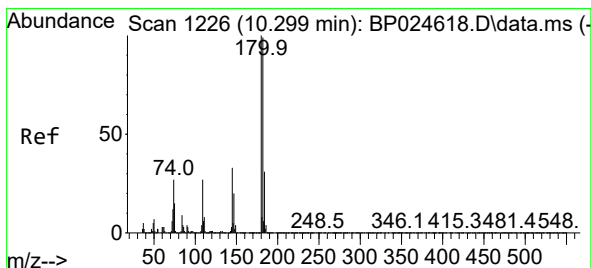
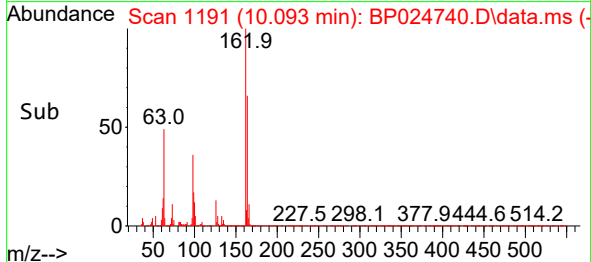
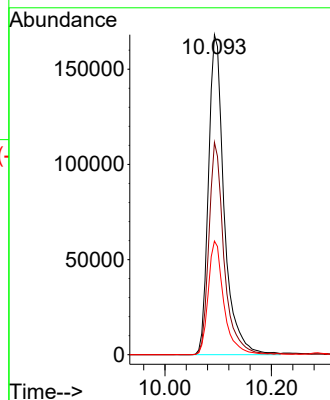
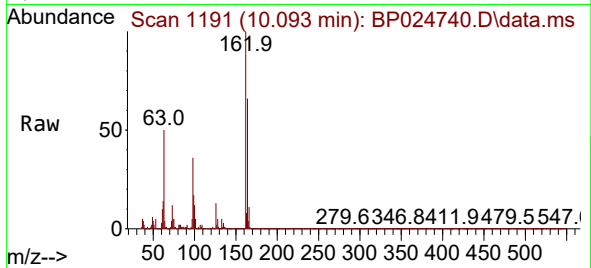
Tgt Ion:162 Resp: 343706

Ion Ratio Lower Upper

162 100

164 66.4 42.3 82.3

98 35.5 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 45.545 ng

RT: 10.287 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

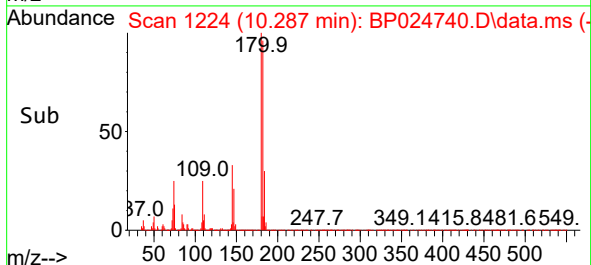
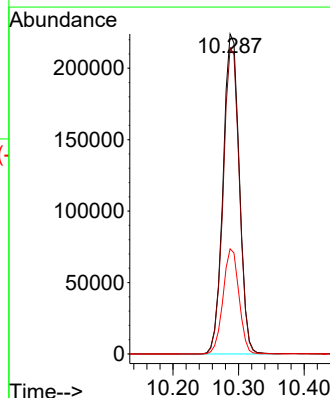
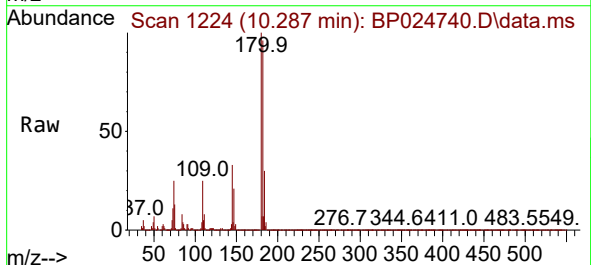
Tgt Ion:180 Resp: 383169

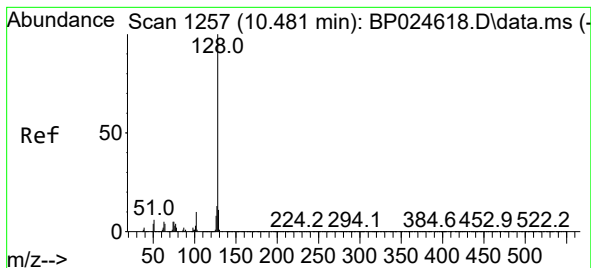
Ion Ratio Lower Upper

180 100

182 95.7 79.0 118.4

145 32.9 26.6 39.8

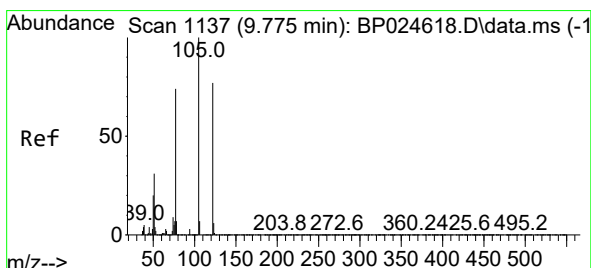
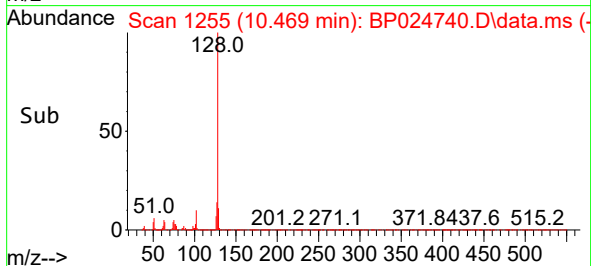
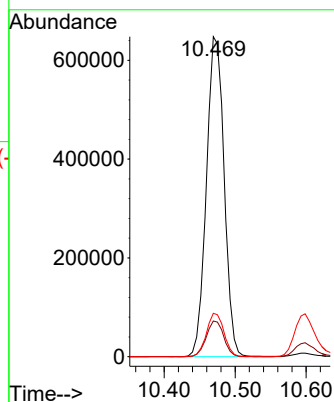
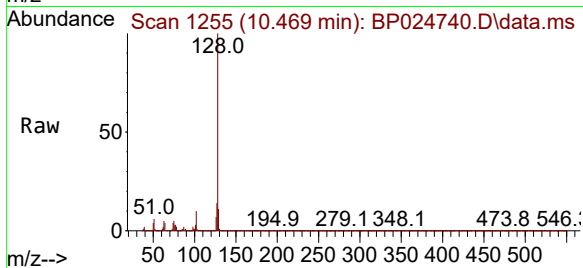




#31
Naphthalene
Concen: 42.433 ng
RT: 10.469 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

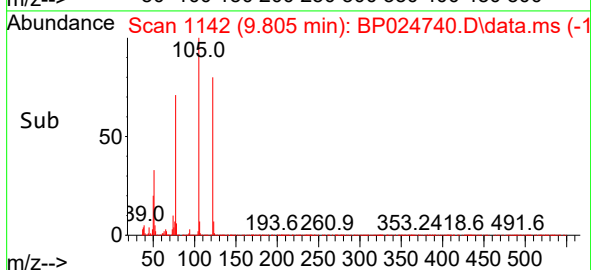
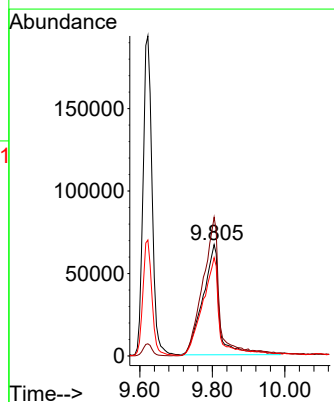
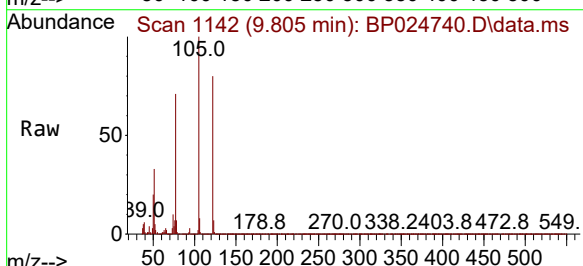
Instrument :
BNA_P
ClientSampleId :
PB168026BS

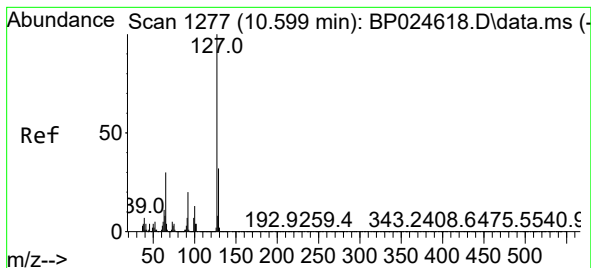
Tgt Ion:128 Resp: 1125833
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 41.383 ng
RT: 9.805 min Scan# 1142
Delta R.T. 0.030 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:122 Resp: 215411
Ion Ratio Lower Upper
122 100
105 124.5 106.9 146.9
77 88.3 75.1 115.1

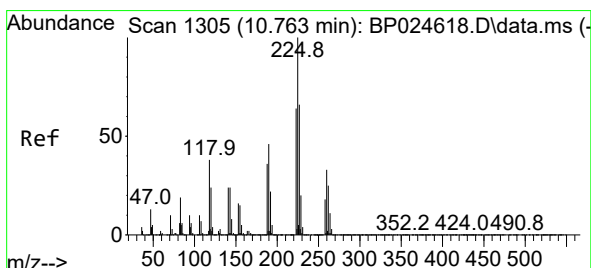
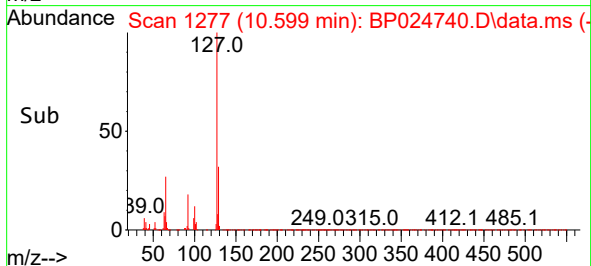
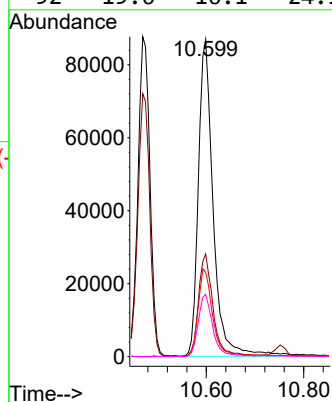
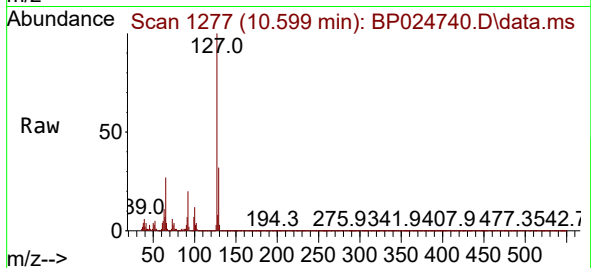




#33
4-Chloroaniline
Concen: 17.138 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

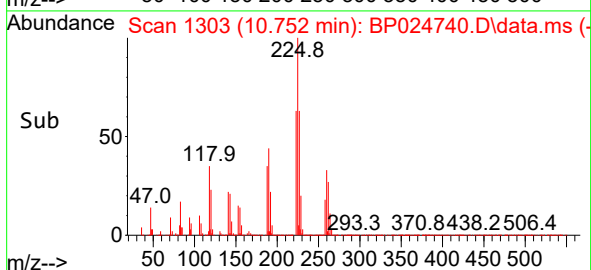
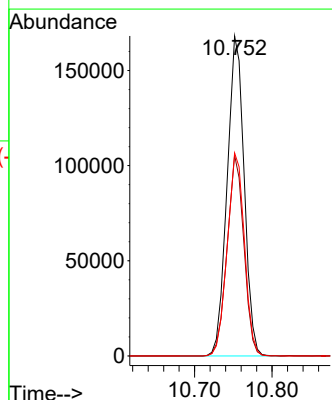
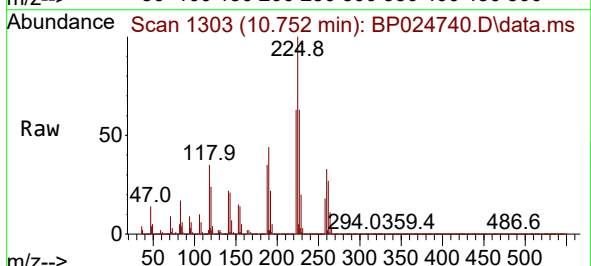
Instrument :
BNA_P
ClientSampleId :
PB168026BS

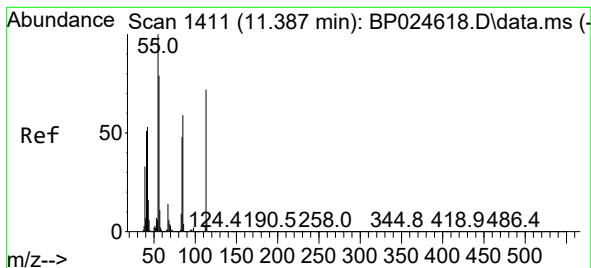
Tgt Ion:	127	Resp:	183490
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	26.6	23.9	35.9
92	19.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 47.275 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:	225	Resp:	257649
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	63.4	53.1	79.7

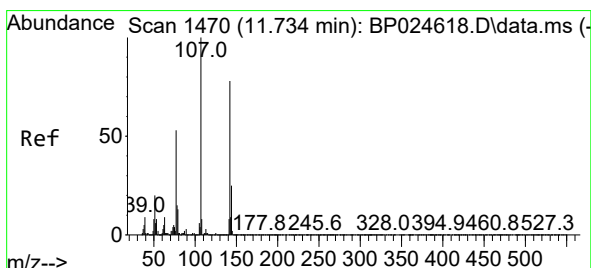
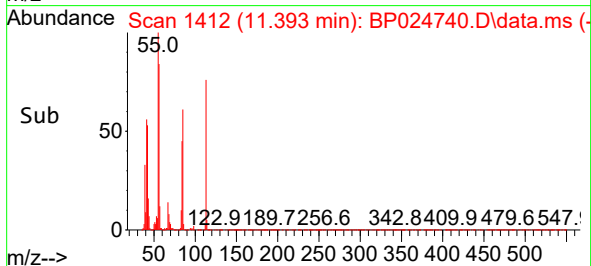
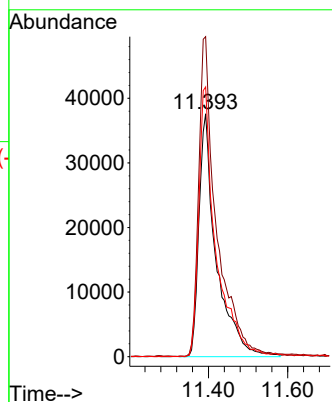
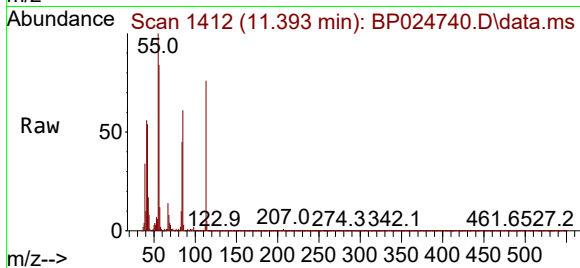




#35
Caprolactam
Concen: 42.018 ng
RT: 11.393 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

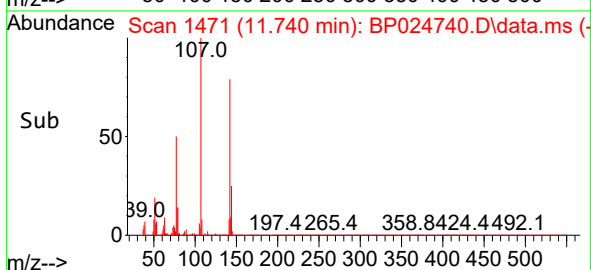
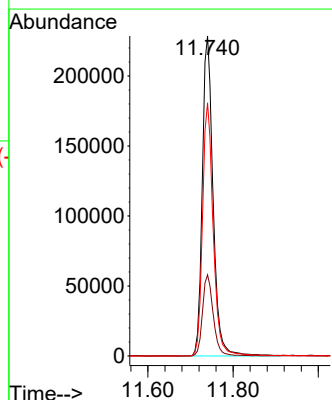
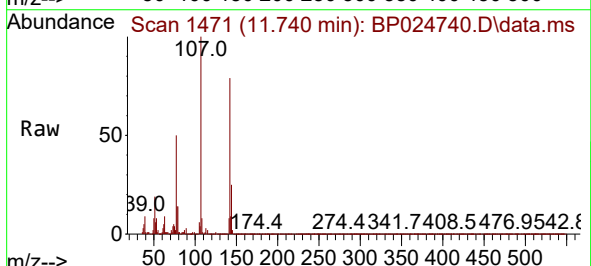
Instrument :
BNA_P
ClientSampleId :
PB168026BS

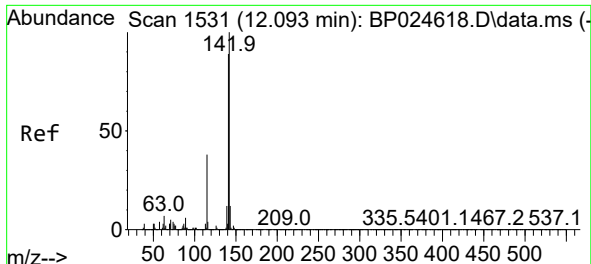
Tgt Ion:113 Resp: 113495
Ion Ratio Lower Upper
113 100
55 131.7 119.0 159.0
56 111.0 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 43.963 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:107 Resp: 400250
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 79.1 62.1 93.1

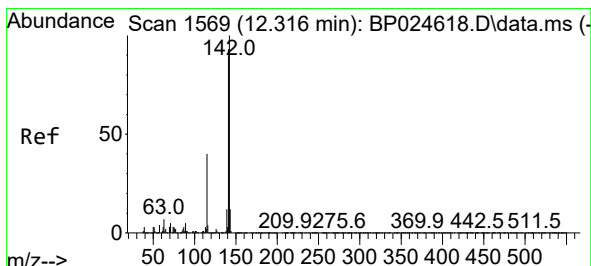
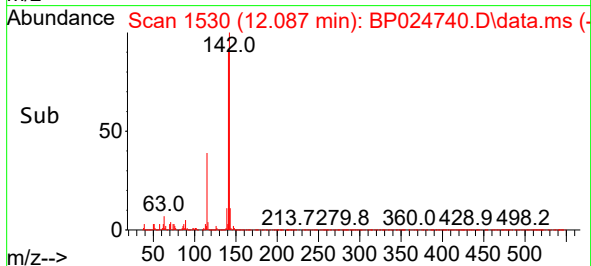
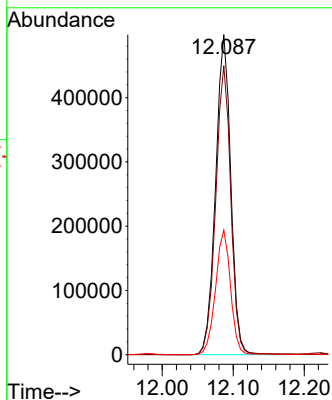
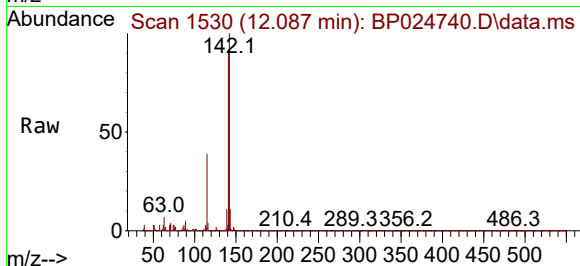




#37
2-Methylnaphthalene
Concen: 42.863 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

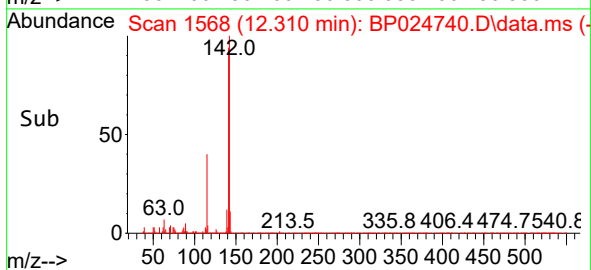
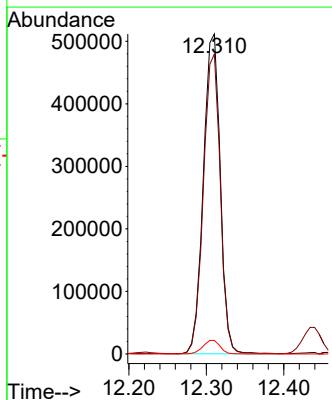
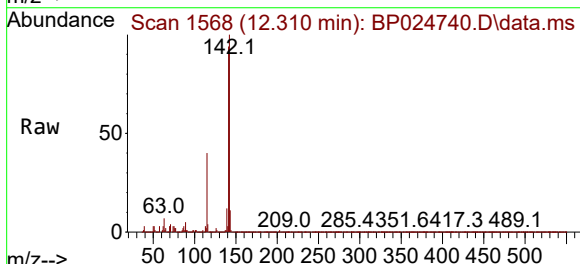
Instrument :
BNA_P
ClientSampleId :
PB168026BS

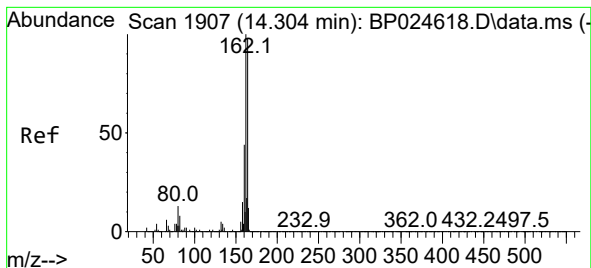
Tgt Ion:142 Resp: 736378
Ion Ratio Lower Upper
142 100
141 90.3 71.2 106.8
115 38.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.083 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:142 Resp: 773569
Ion Ratio Lower Upper
142 100
141 93.7 74.7 112.1
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

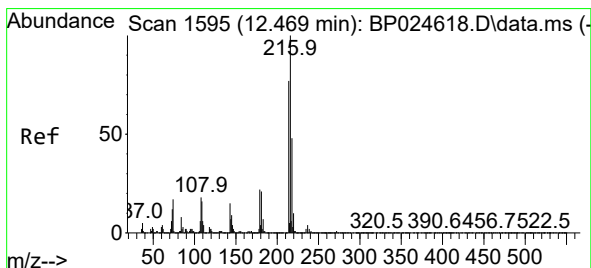
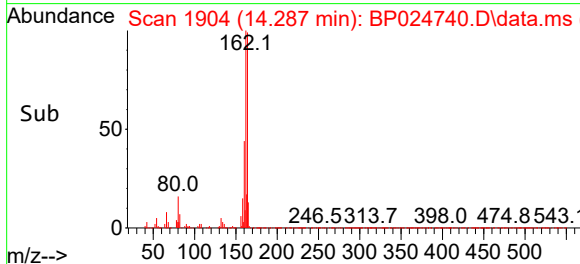
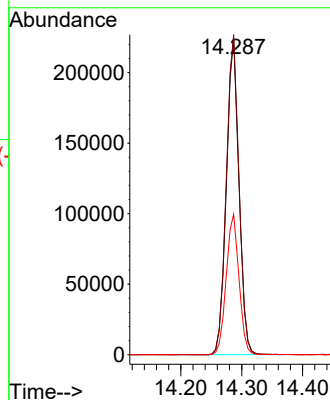
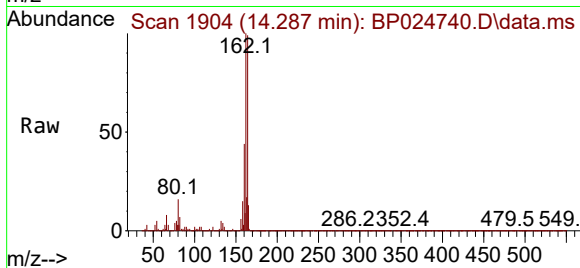
Tgt Ion:164 Resp: 321175

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

160 44.4 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.744 ng

RT: 12.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Tgt Ion:216 Resp: 435958

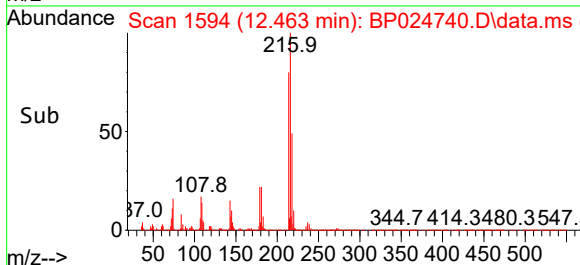
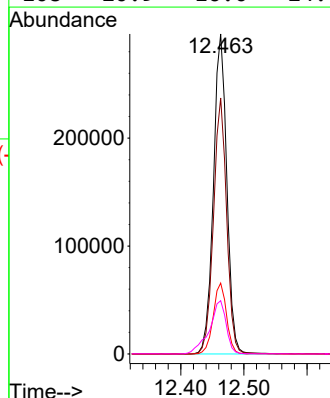
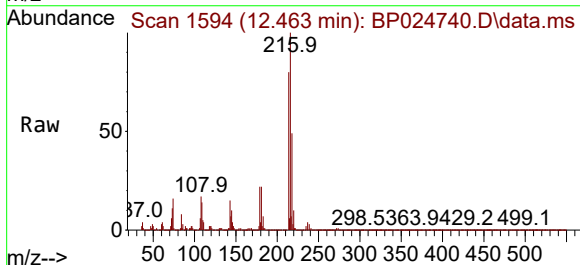
Ion Ratio Lower Upper

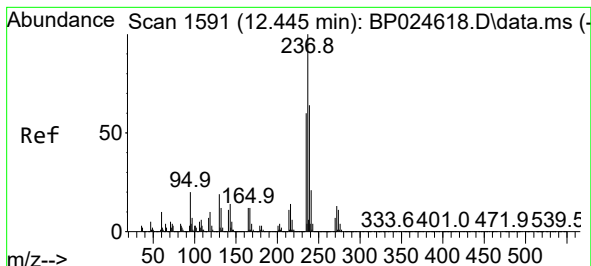
216 100

214 78.9 62.3 93.5

179 22.0 17.7 26.5

108 20.9 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 107.755 ng

RT: 12.440 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

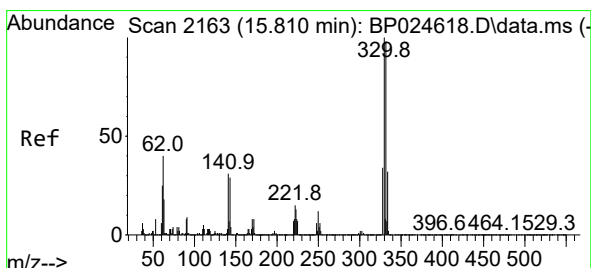
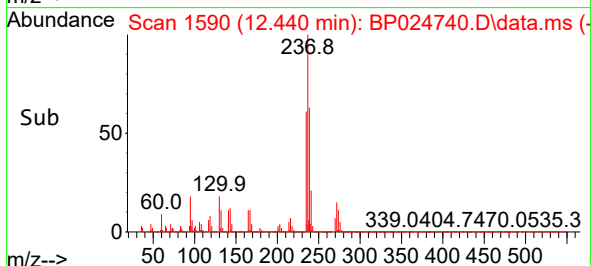
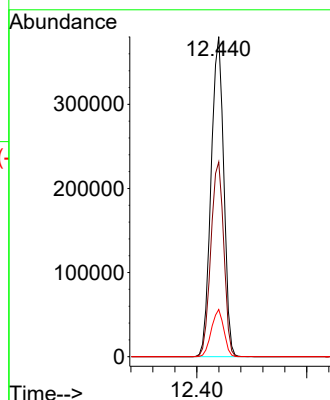
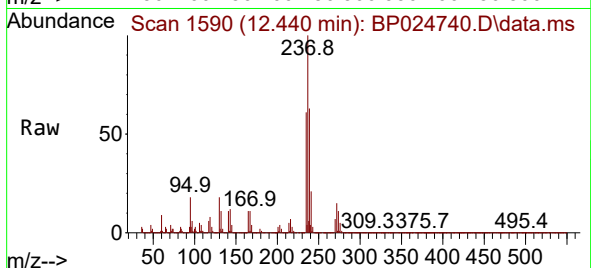
Tgt Ion:237 Resp: 609389

Ion Ratio Lower Upper

237 100

235 60.8 39.9 79.9

272 14.7 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 140.217 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

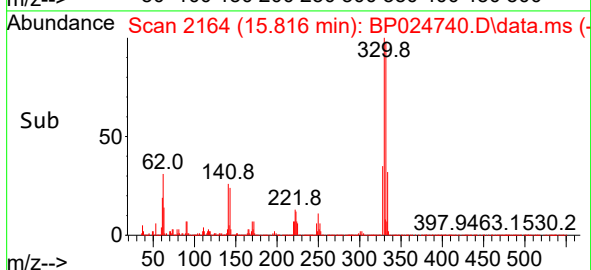
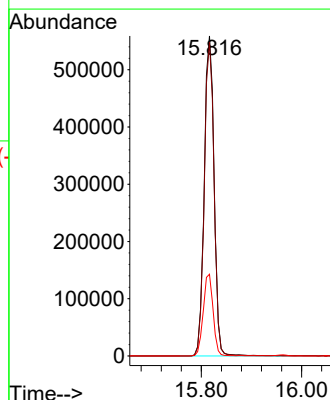
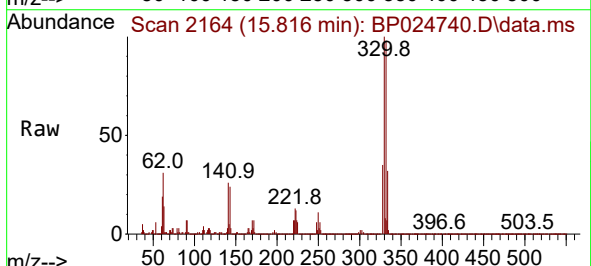
Tgt Ion:330 Resp: 763461

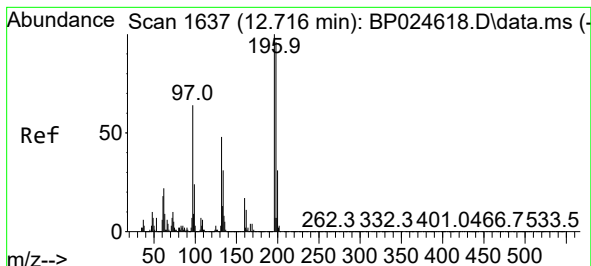
Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.4

141 25.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.459 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

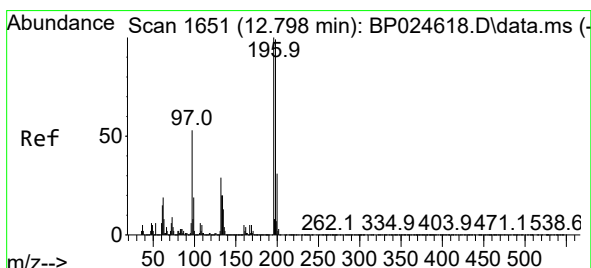
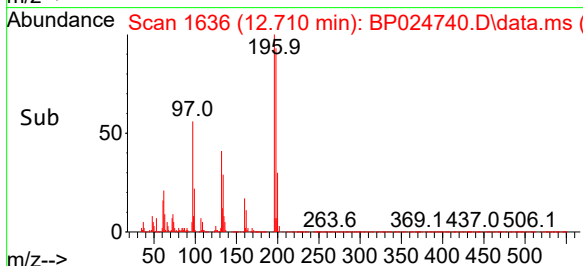
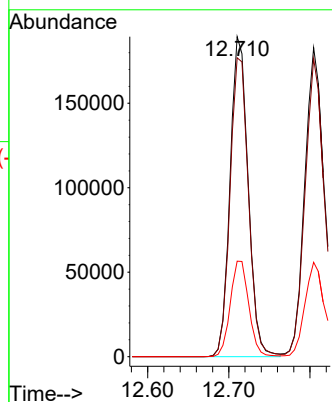
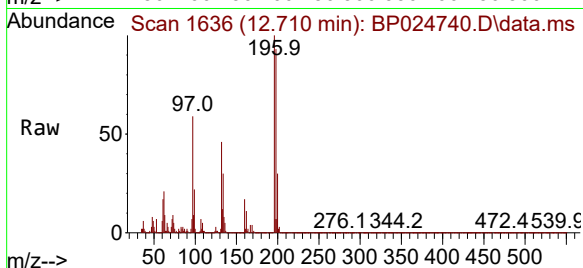
Tgt Ion:196 Resp: 292734

Ion Ratio Lower Upper

196 100

198 93.4 76.9 115.3

200 29.9 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 47.170 ng

RT: 12.804 min Scan# 1652

Delta R.T. 0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Tgt Ion:196 Resp: 317188

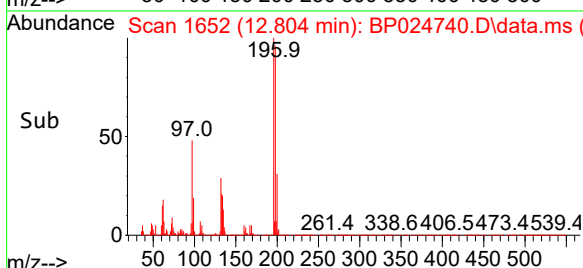
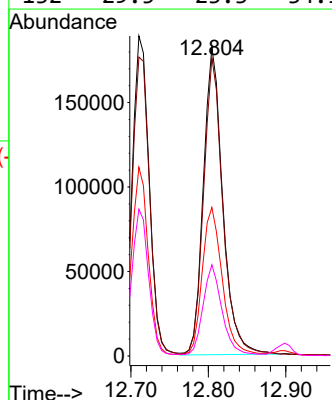
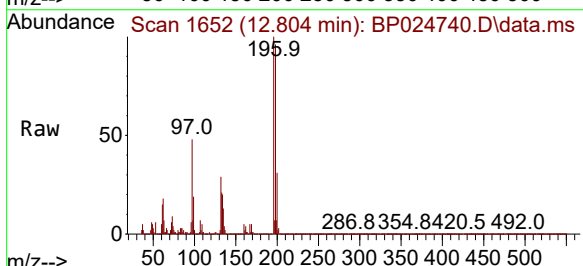
Ion Ratio Lower Upper

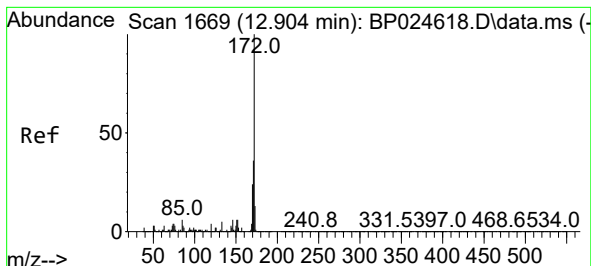
196 100

198 96.5 79.2 118.8

97 48.0 42.3 63.5

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.871 ng

RT: 12.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

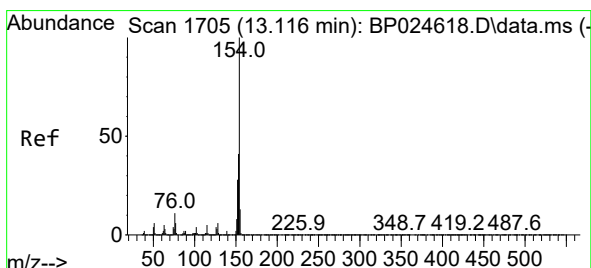
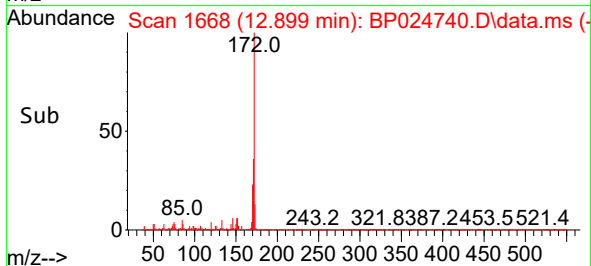
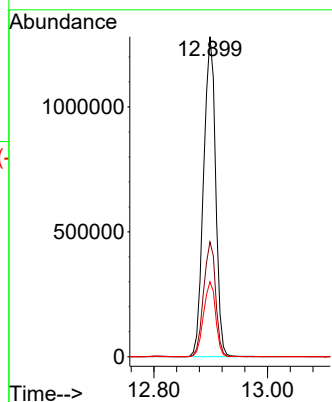
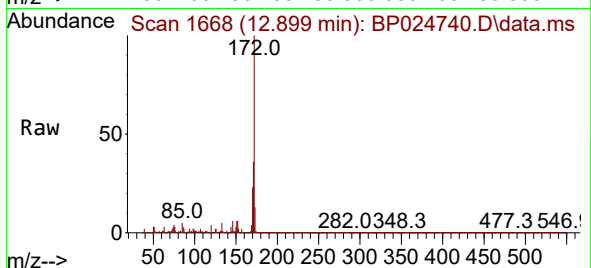
Tgt Ion:172 Resp: 1884479

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.499 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

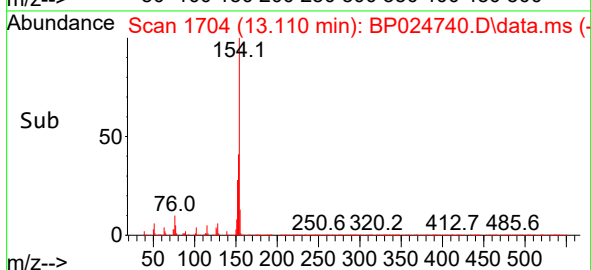
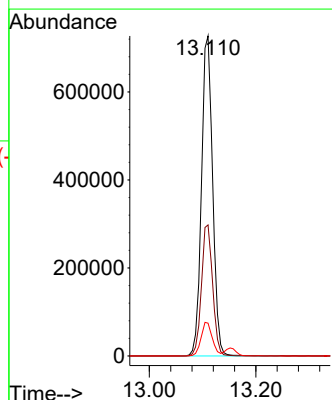
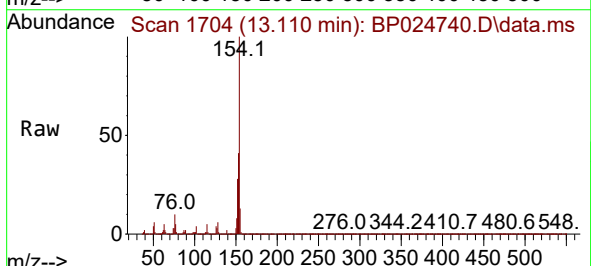
Tgt Ion:154 Resp: 1056335

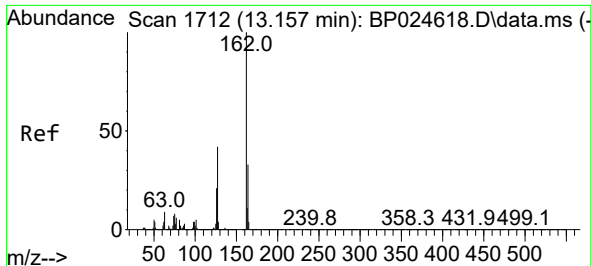
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 10.2 0.0 31.5

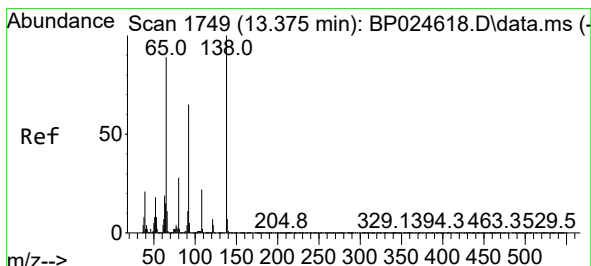
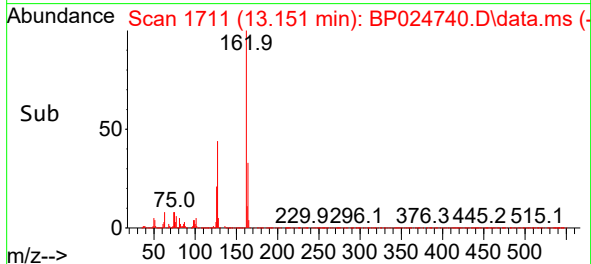
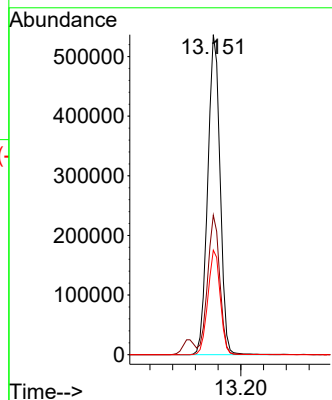
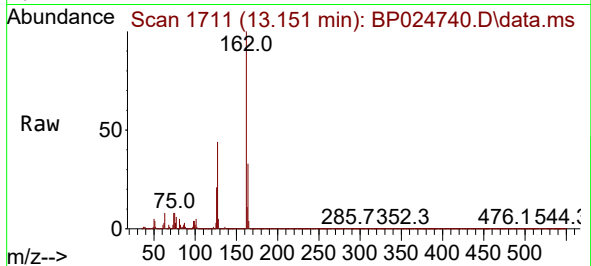




#47
2-Chloronaphthalene
Concen: 44.492 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

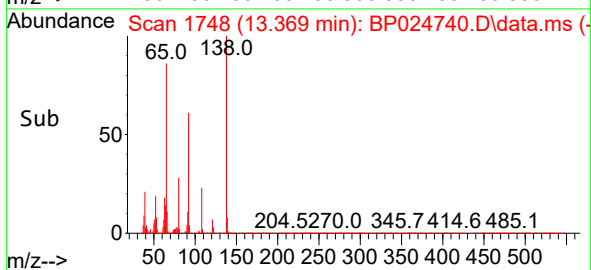
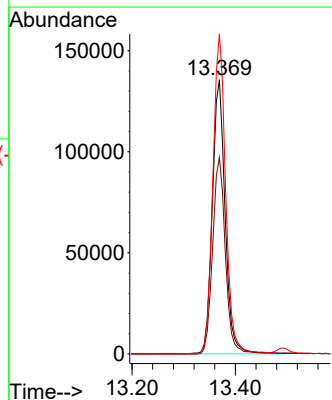
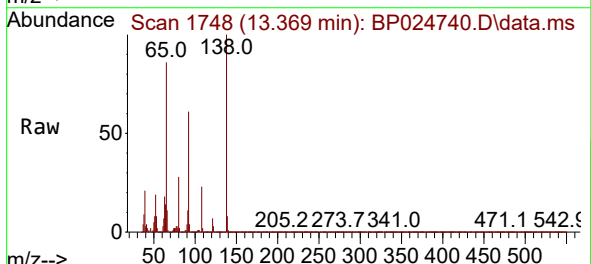
Instrument :
BNA_P
ClientSampleId :
PB168026BS

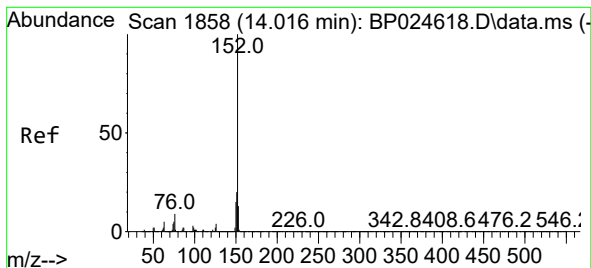
Tgt Ion:162 Resp: 805298
Ion Ratio Lower Upper
162 100
127 43.6 33.8 50.6
164 32.7 26.0 39.0



#48
2-Nitroaniline
Concen: 43.495 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion: 65 Resp: 233074
Ion Ratio Lower Upper
65 100
92 71.6 58.7 88.1
138 116.7 90.2 135.2





#49

Acenaphthylene

Concen: 43.908 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

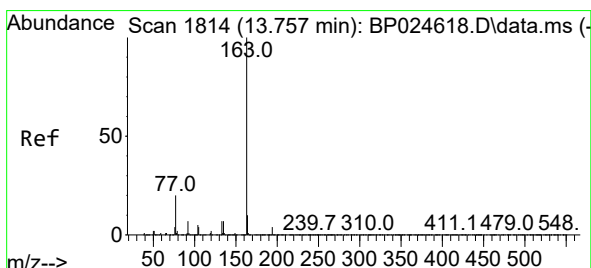
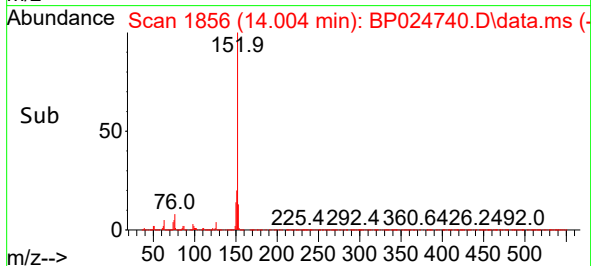
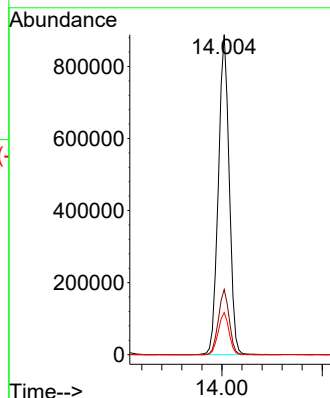
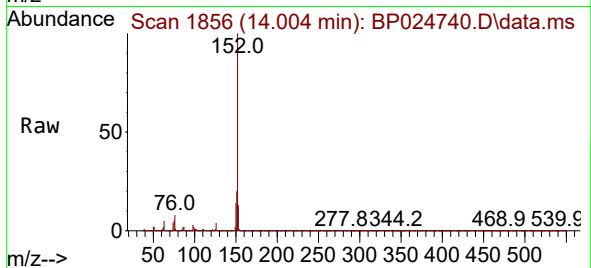
Tgt Ion:152 Resp: 1329954

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 42.635 ng

RT: 13.746 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

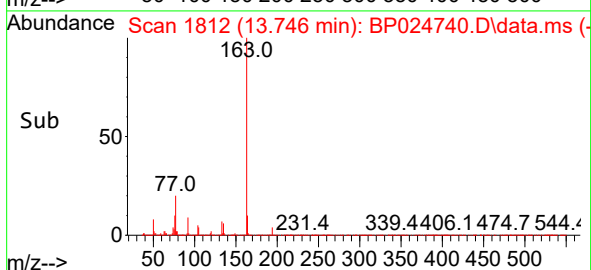
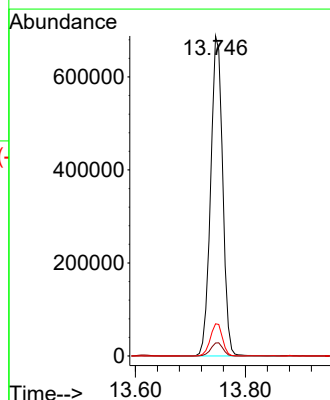
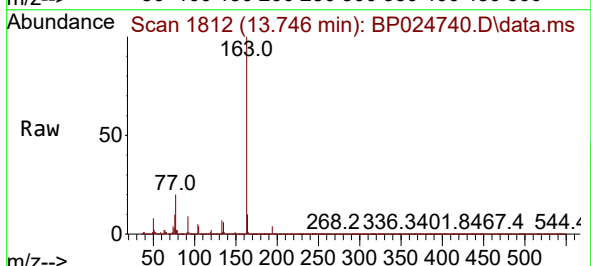
Tgt Ion:163 Resp: 1043706

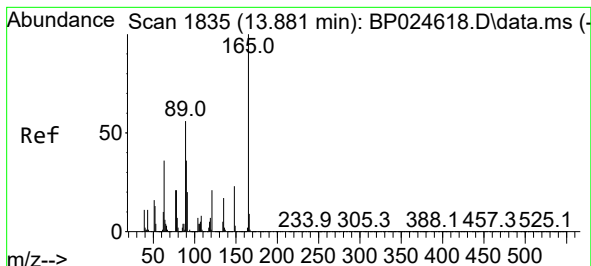
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.1 12.1

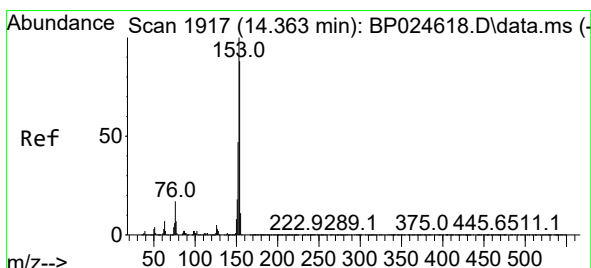
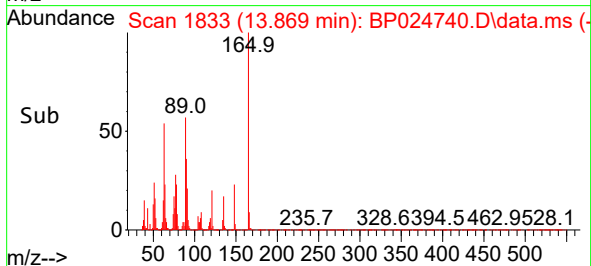
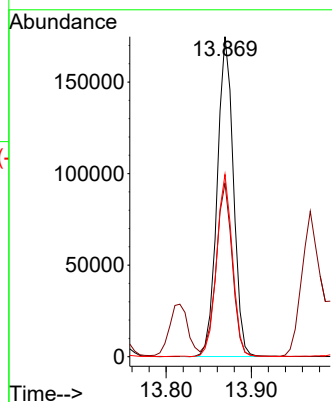
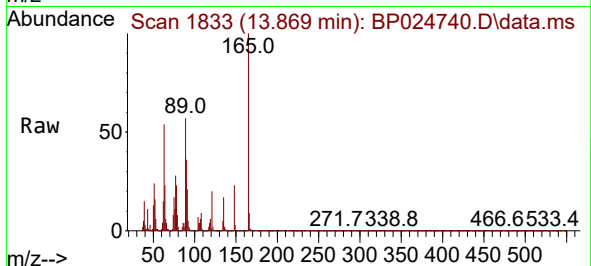




#51
2,6-Dinitrotoluene
Concen: 44.774 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

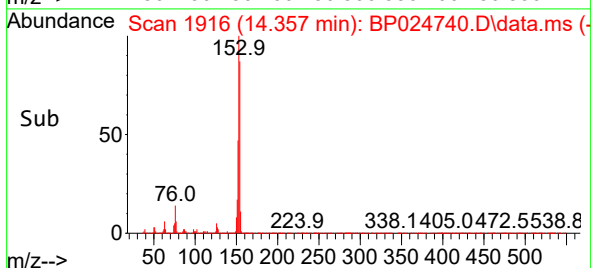
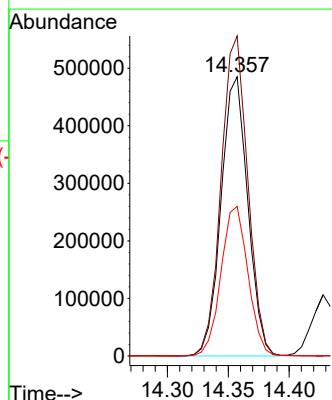
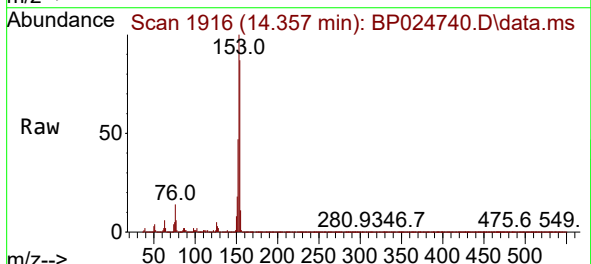
Instrument :
BNA_P
ClientSampleId :
PB168026BS

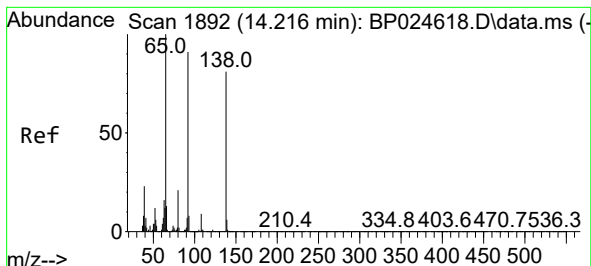
Tgt Ion:165 Resp: 231482
Ion Ratio Lower Upper
165 100
63 54.2 42.4 63.6
89 57.0 44.8 67.2



#52
Acenaphthene
Concen: 42.524 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:154 Resp: 740473
Ion Ratio Lower Upper
154 100
153 114.6 91.0 136.4
152 53.6 42.9 64.3

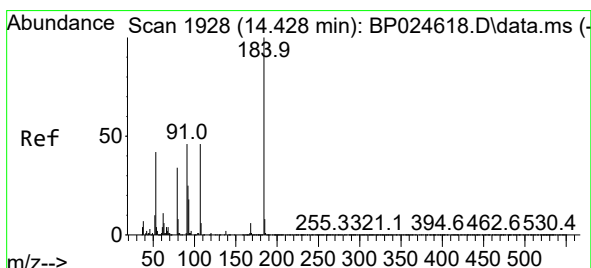
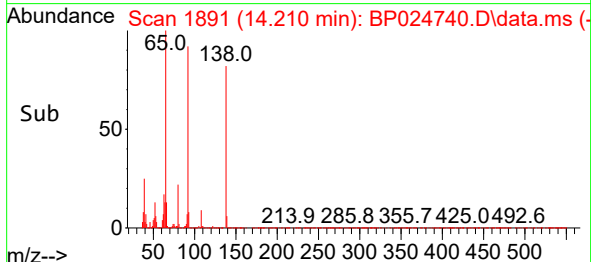
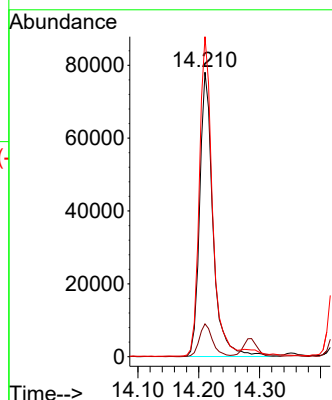
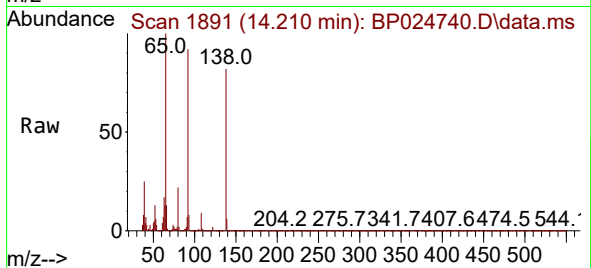




#53
3-Nitroaniline
Concen: 22.574 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

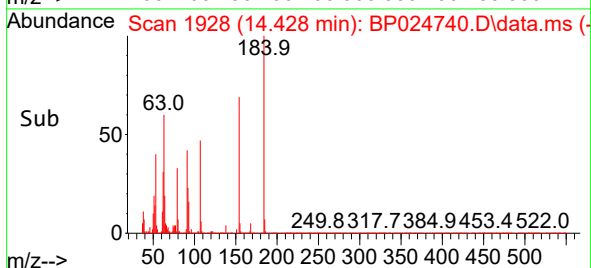
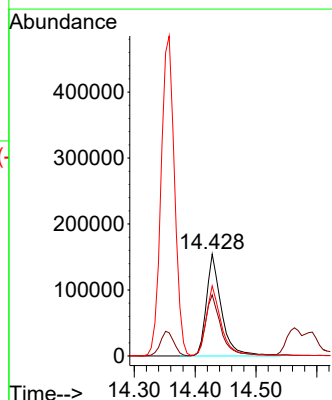
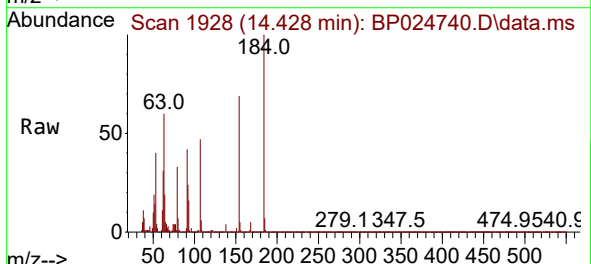
Instrument :
BNA_P
ClientSampleId :
PB168026BS

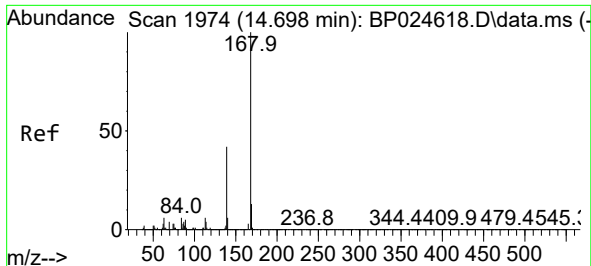
Tgt Ion:138 Resp: 119170
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 112.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 81.140 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:184 Resp: 264851
Ion Ratio Lower Upper
184 100
63 60.0 51.3 76.9
154 68.7 53.5 80.3

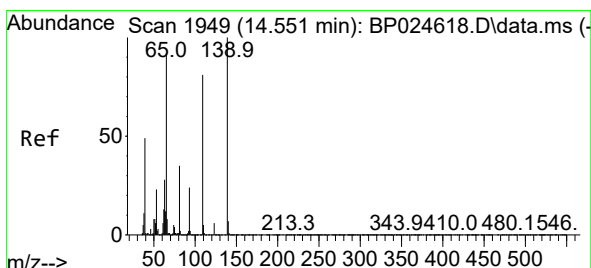
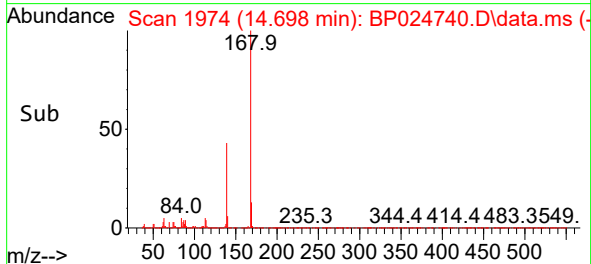
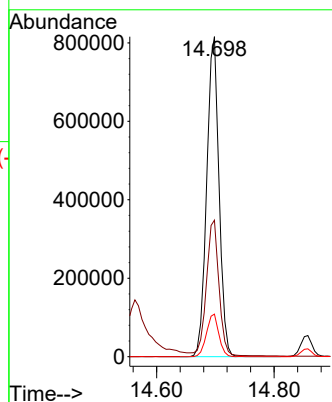
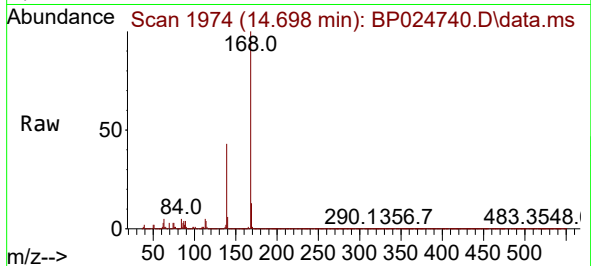




#55
Dibenzofuran
Concen: 42.813 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

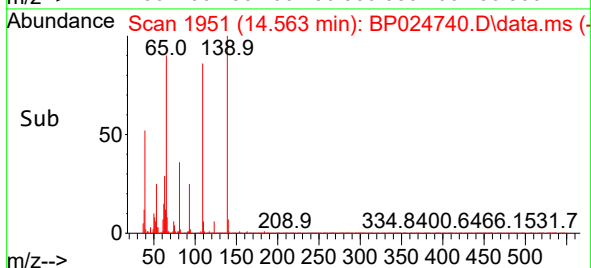
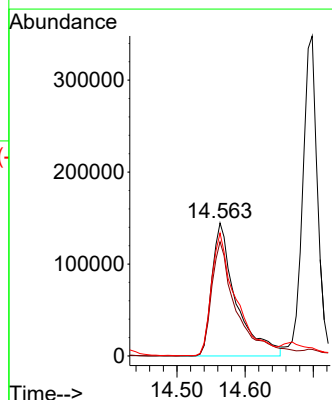
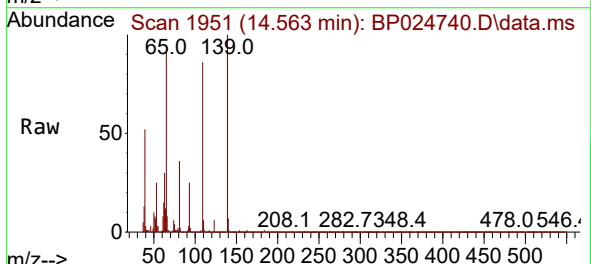
Instrument :
BNA_P
ClientSampleId :
PB168026BS

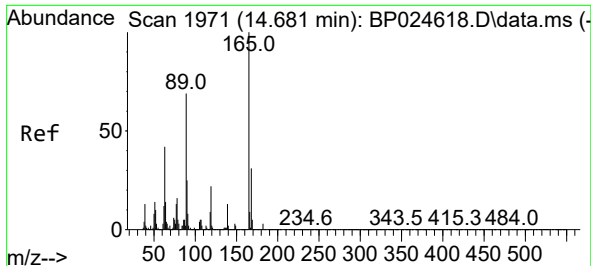
Tgt Ion:168 Resp: 1189129
Ion Ratio Lower Upper
168 100
139 42.7 34.2 51.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 77.875 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:139 Resp: 355366
Ion Ratio Lower Upper
139 100
109 85.9 61.4 101.4
65 92.4 72.2 112.2





#57

2,4-Dinitrotoluene

Concen: 45.386 ng

RT: 14.675 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

Tgt Ion:165 Resp: 330812

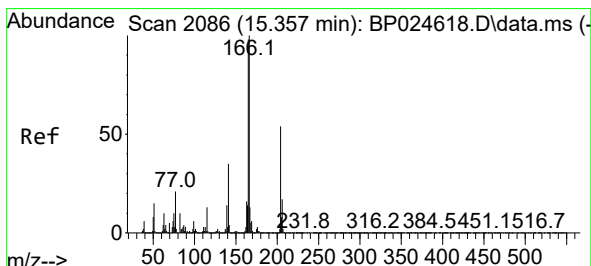
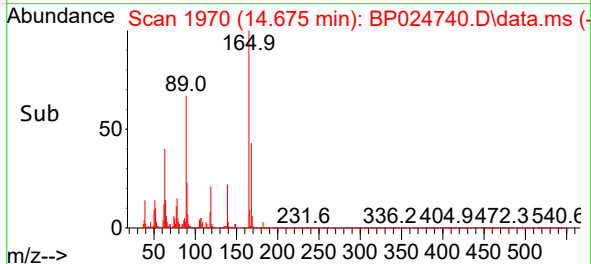
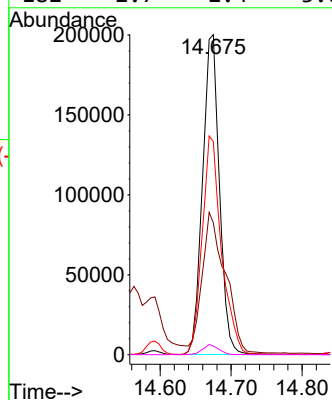
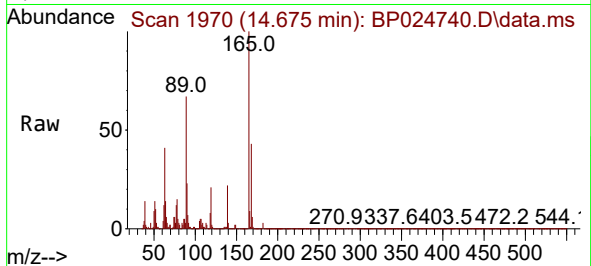
Ion Ratio Lower Upper

165 100

63 41.3 33.8 50.6

89 66.6 55.6 83.4

182 2.7 2.4 3.6



#58

Fluorene

Concen: 41.861 ng

RT: 15.357 min Scan# 2086

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

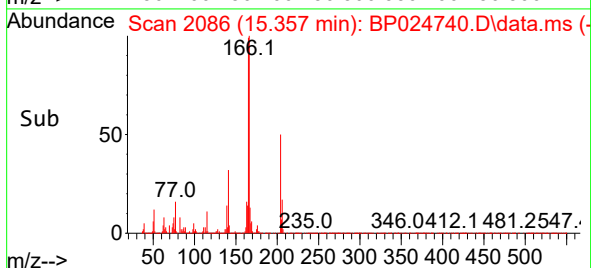
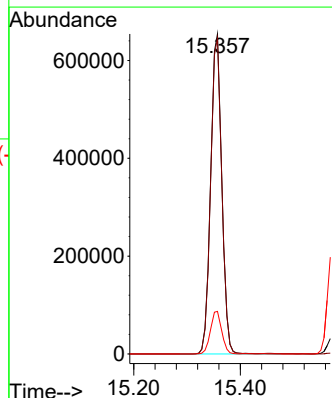
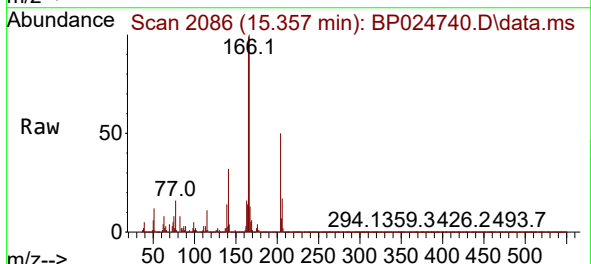
Tgt Ion:166 Resp: 948040

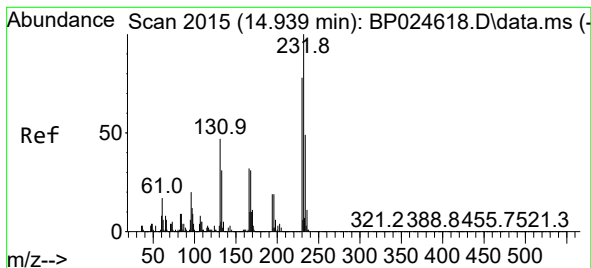
Ion Ratio Lower Upper

166 100

165 98.8 78.5 117.7

167 13.3 10.7 16.1

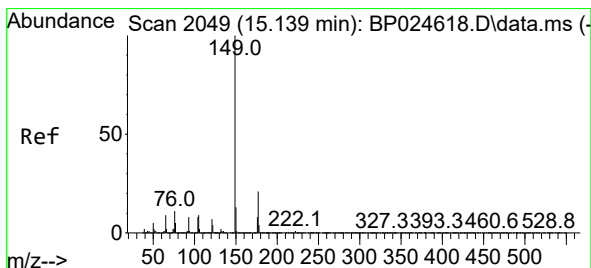
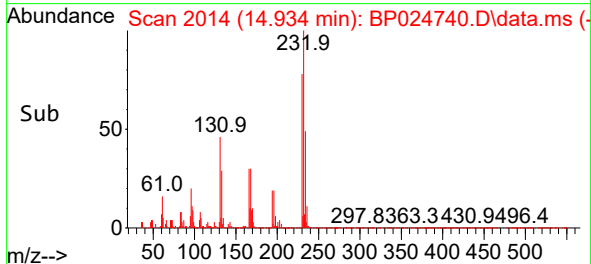
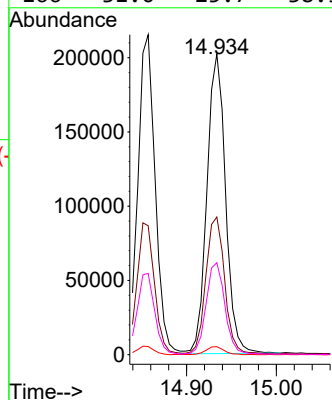
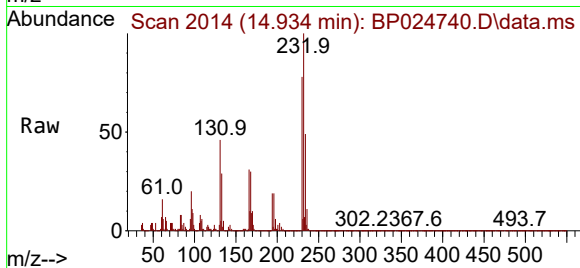




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.694 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

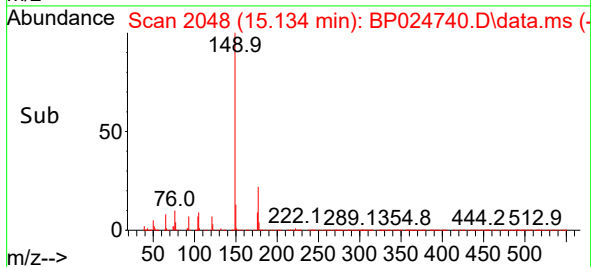
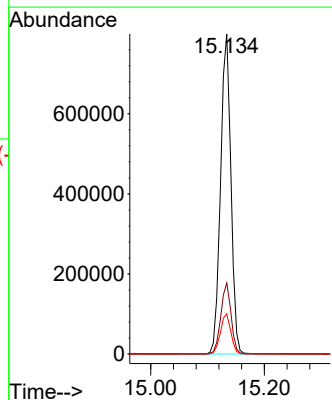
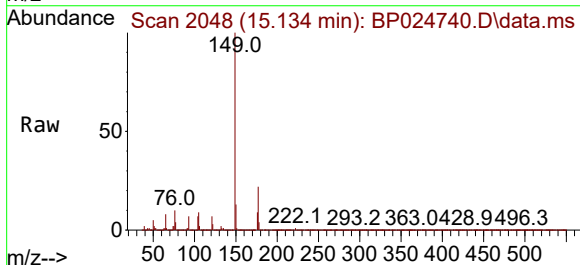
Instrument :
BNA_P
ClientSampleId :
PB168026BS

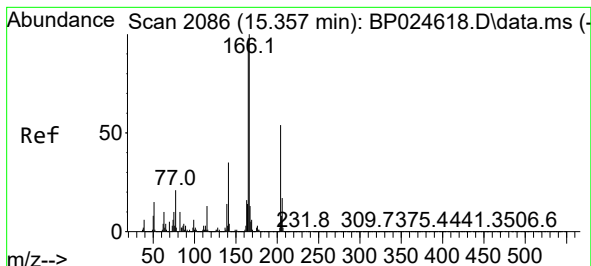
Tgt Ion:232 Resp: 291266
Ion Ratio Lower Upper
232 100
131 46.2 39.5 59.3
130 2.6 2.2 3.4
166 31.0 25.7 38.5



#60
Diethylphthalate
Concen: 40.807 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:149 Resp: 1009664
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.6 10.2 15.2

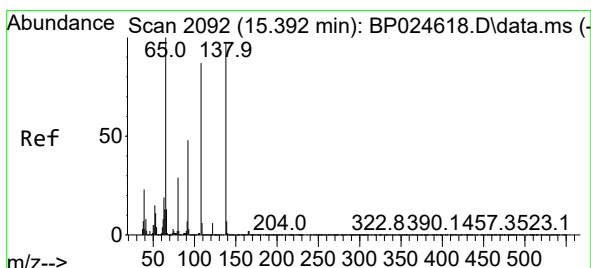
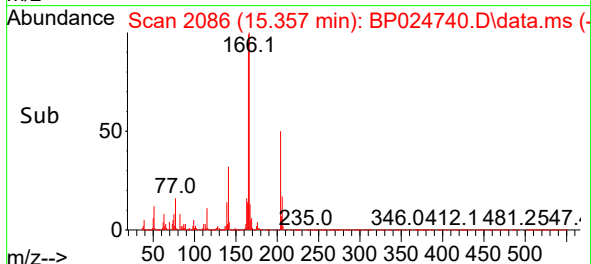
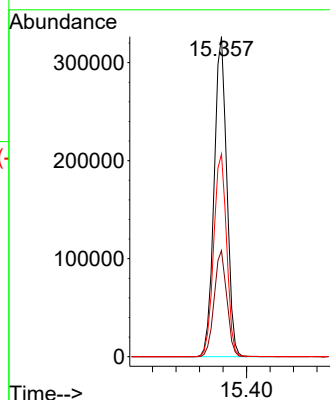
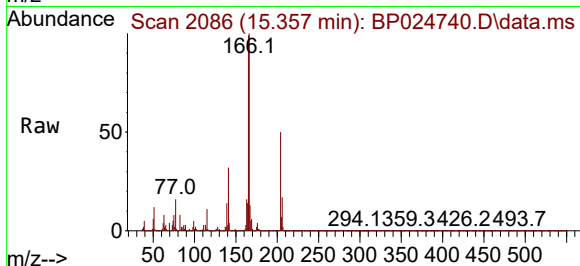




#61
4-Chlorophenyl-phenylether
Concen: 43.215 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

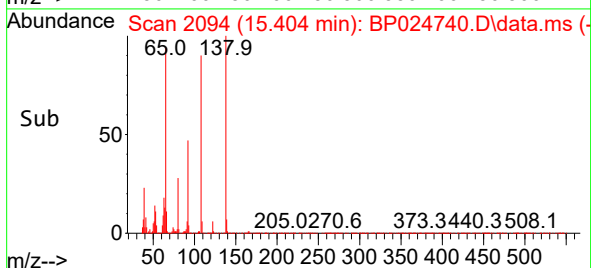
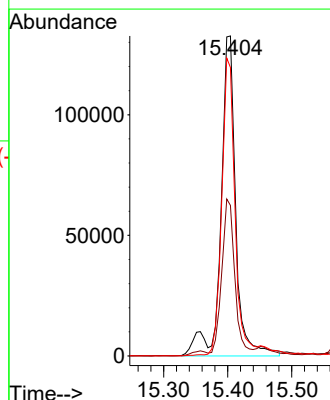
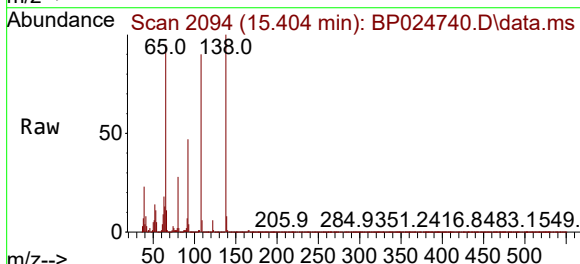
Instrument :
BNA_P
ClientSampleId :
PB168026BS

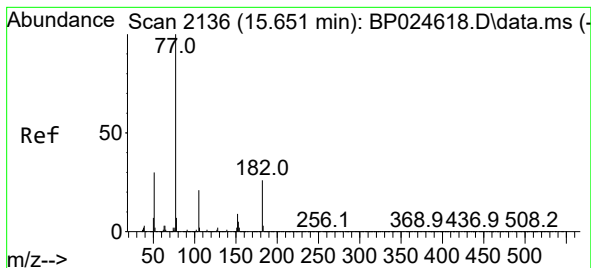
Tgt Ion:204 Resp: 488094
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 63.3 52.9 79.3



#62
4-Nitroaniline
Concen: 41.997 ng m
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:138 Resp: 214068
Ion Ratio Lower Upper
138 100
92 47.1 29.2 69.2
108 90.2 69.0 109.0

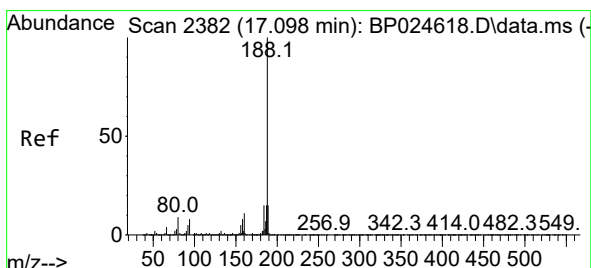
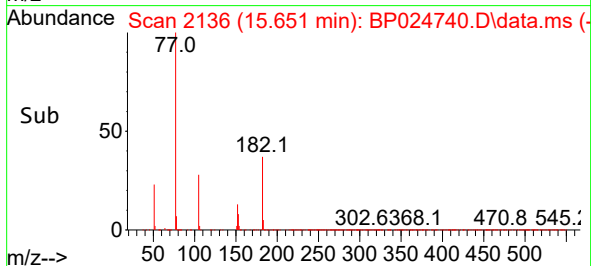
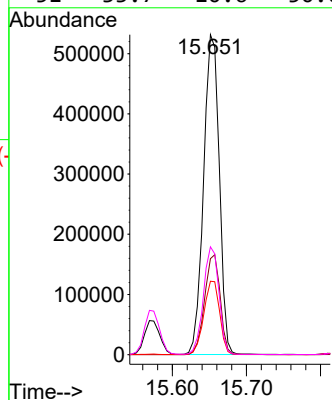
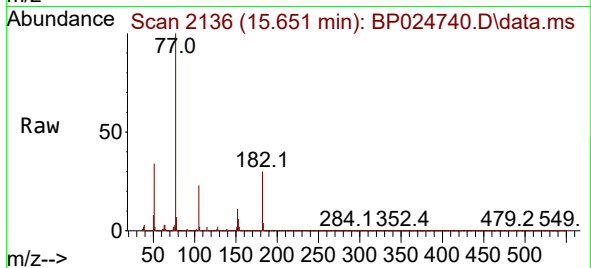




#63
Azobenzene
Concen: 36.920 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

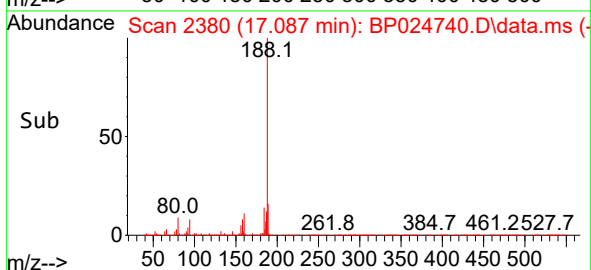
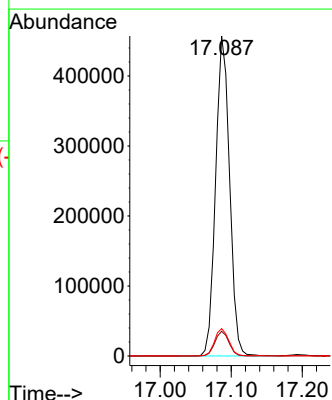
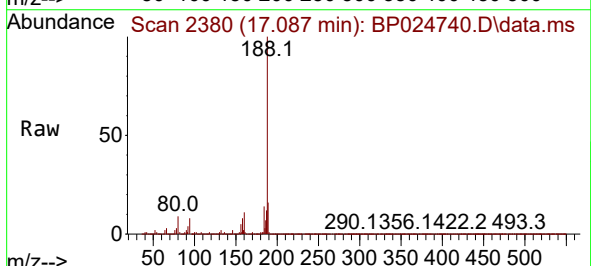
Instrument :
BNA_P
ClientSampleId :
PB168026BS

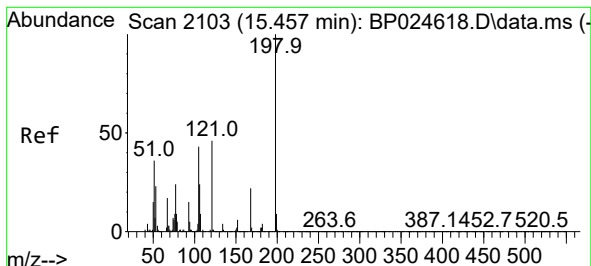
Tgt Ion:	77	Resp:	781467
Ion	Ratio	Lower	Upper
77	100		
182	30.0	5.7	45.7
105	23.0	1.3	41.3
51	33.7	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:	188	Resp:	621819
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.6	7.3	10.9

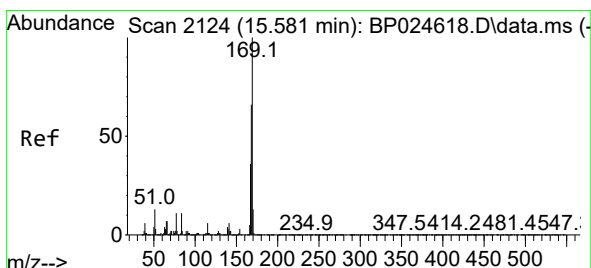
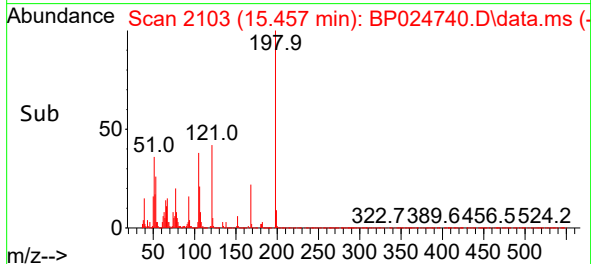
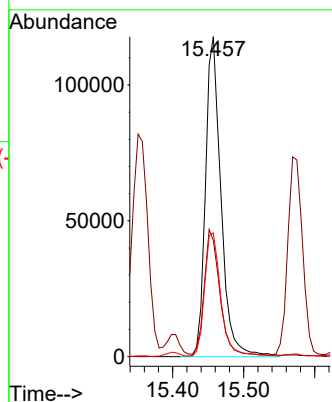
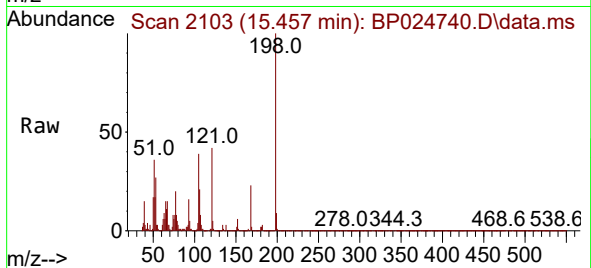




#65
4,6-Dinitro-2-methylphenol
Concen: 44.591 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

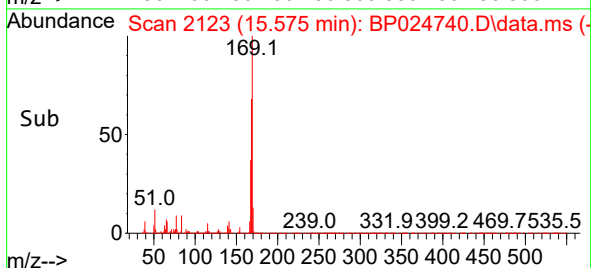
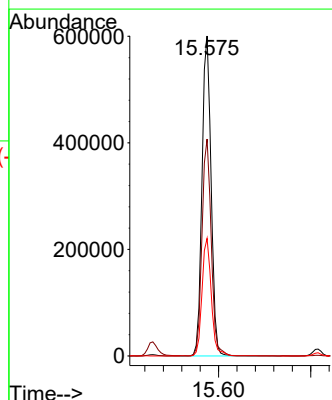
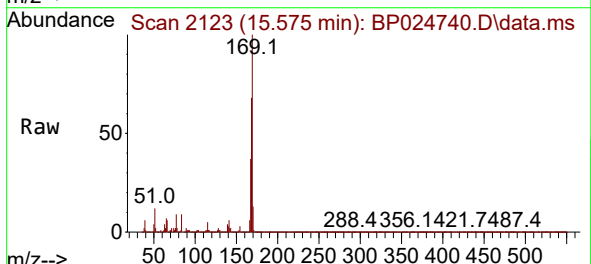
Instrument :
BNA_P
ClientSampleId :
PB168026BS

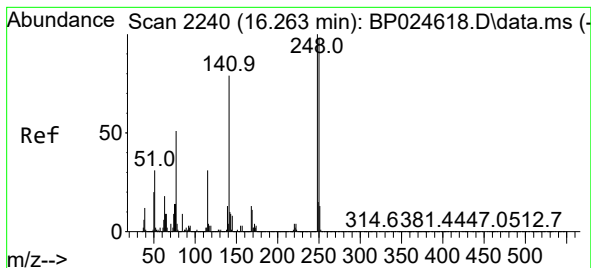
Tgt Ion:198 Resp: 179101
Ion Ratio Lower Upper
198 100
51 36.4 21.1 61.1
105 38.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 43.080 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:169 Resp: 822816
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 36.8 28.6 43.0

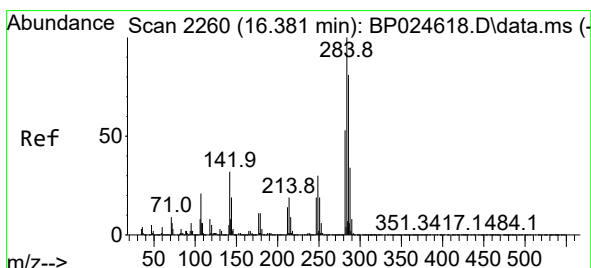
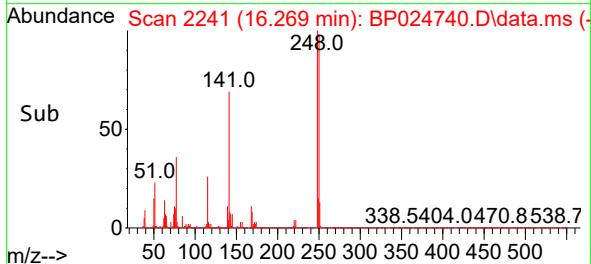
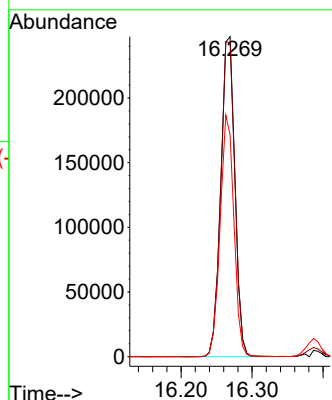
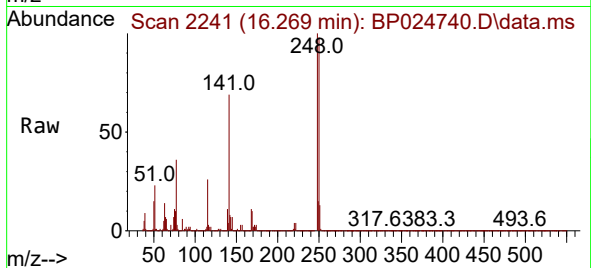




#67
4-Bromophenyl-phenylether
Concen: 46.255 ng
RT: 16.269 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

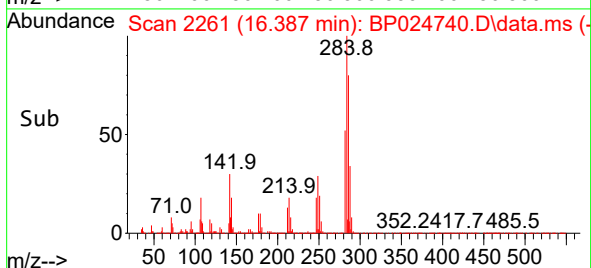
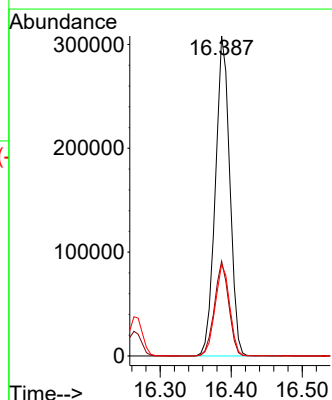
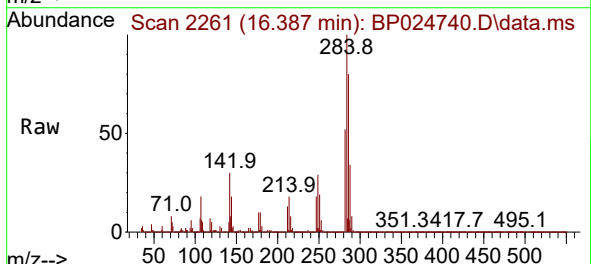
Instrument :
BNA_P
ClientSampleId :
PB168026BS

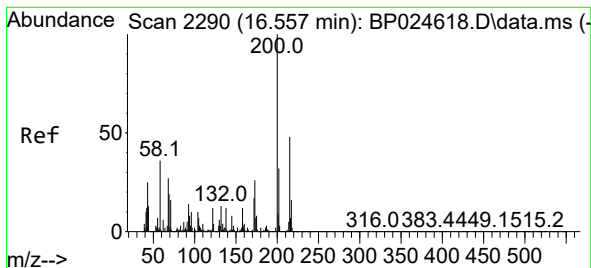
Tgt Ion:248 Resp: 338918
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.4
141 69.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.446 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:284 Resp: 432441
Ion Ratio Lower Upper
284 100
142 29.6 25.9 38.9
249 28.6 24.1 36.1





#69

Atrazine

Concen: 47.684 ng

RT: 16.557 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

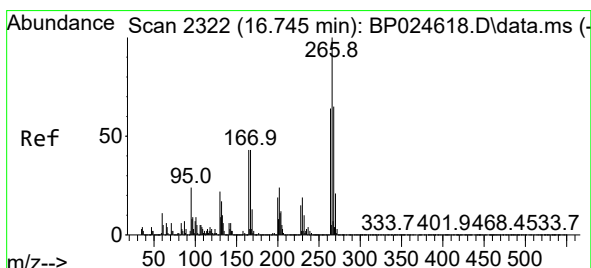
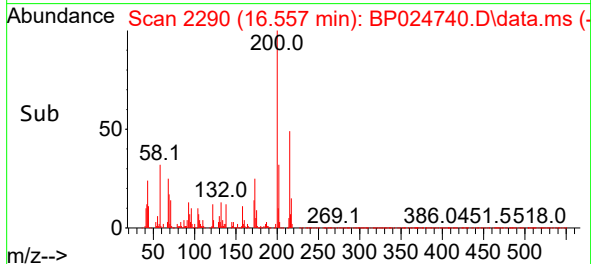
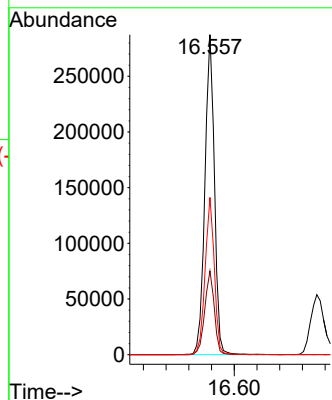
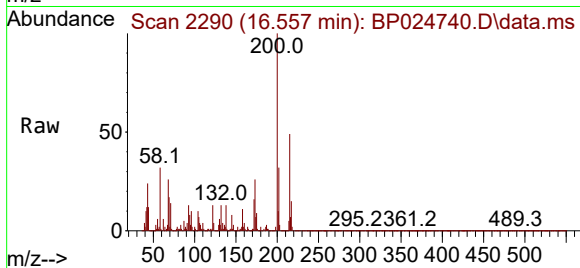
Tgt Ion:200 Resp: 333765

Ion Ratio Lower Upper

200 100

173 26.2 5.9 45.9

215 49.1 28.3 68.3



#70

Pentachlorophenol

Concen: 107.725 ng

RT: 16.745 min Scan# 2322

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

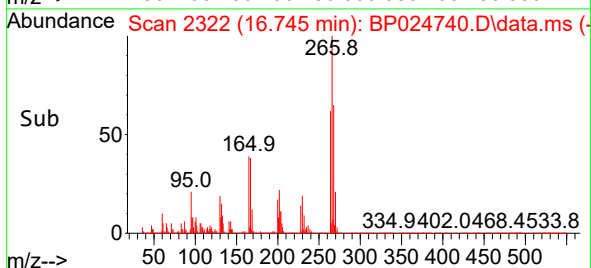
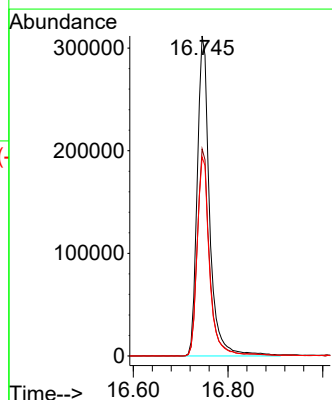
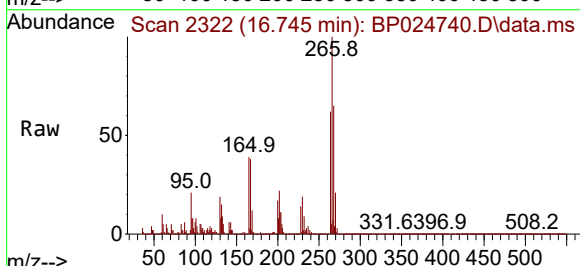
Tgt Ion:266 Resp: 563019

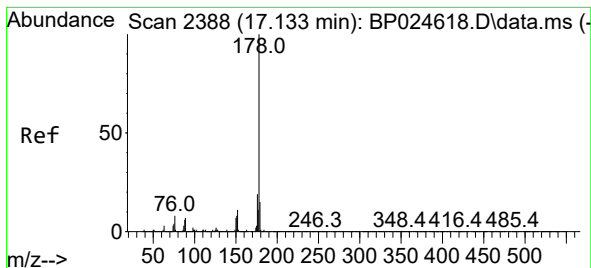
Ion Ratio Lower Upper

266 100

268 64.7 52.2 78.4

264 62.1 51.1 76.7





#71

Phenanthrene

Concen: 43.498 ng

RT: 17.134 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

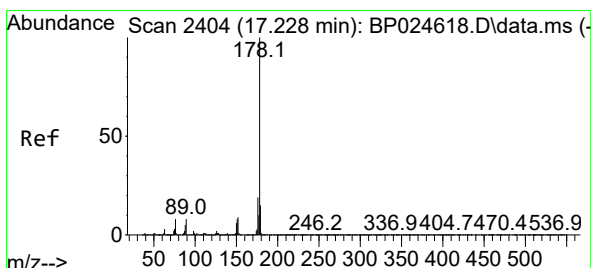
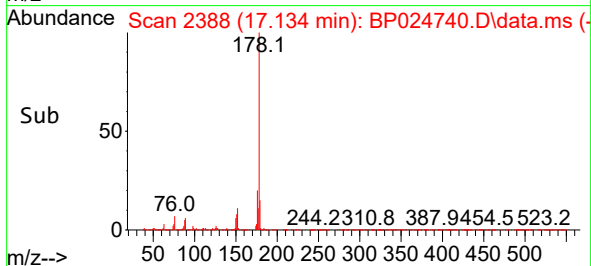
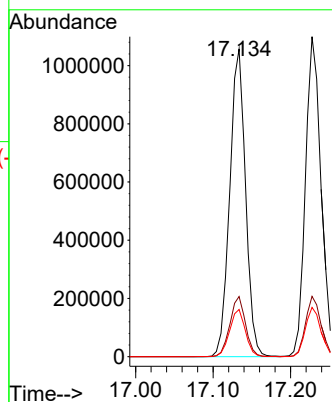
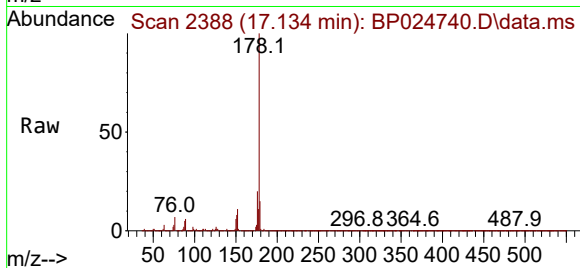
Tgt Ion:178 Resp: 1503644

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 44.289 ng

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

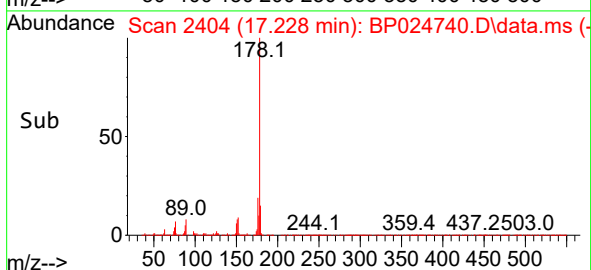
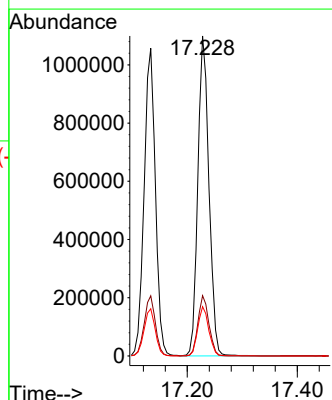
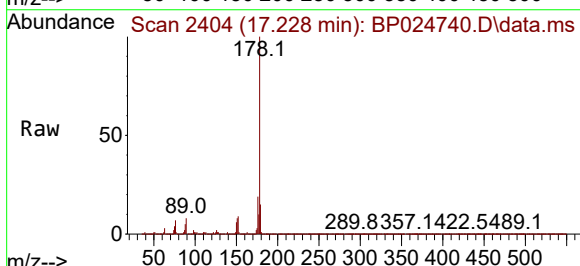
Tgt Ion:178 Resp: 1540314

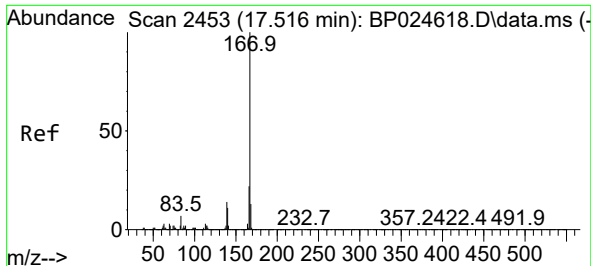
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.4 12.2 18.2

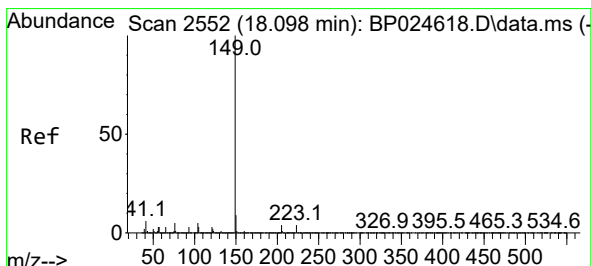
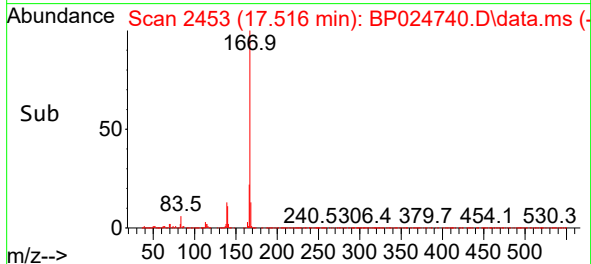
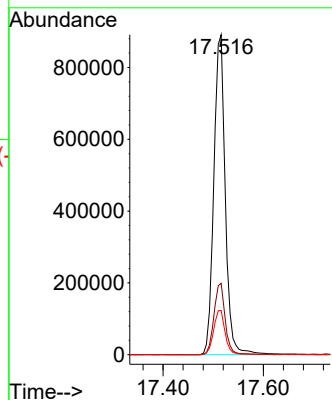
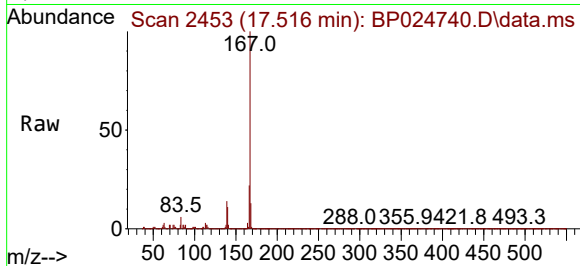




#73
Carbazole
Concen: 44.763 ng
RT: 17.516 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

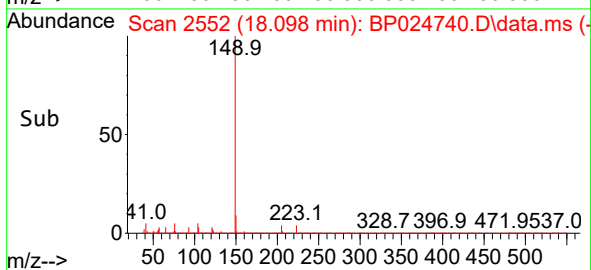
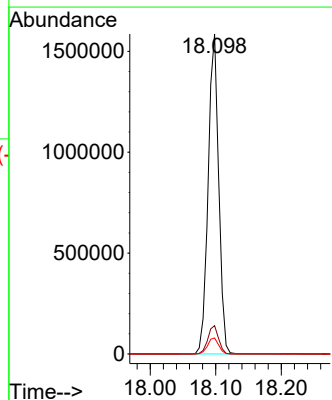
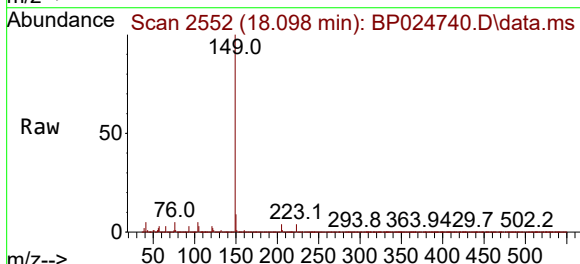
Instrument :
BNA_P
ClientSampleId :
PB168026BS

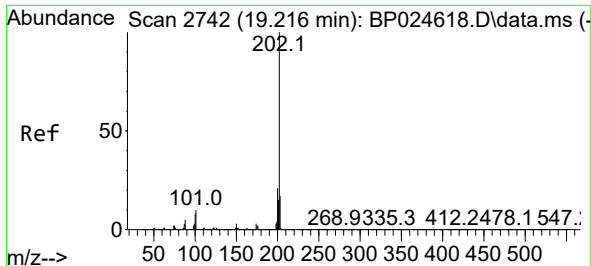
Tgt Ion:167 Resp: 1409082
Ion Ratio Lower Upper
167 100
166 22.3 17.7 26.5
139 13.8 11.3 16.9



#74
Di-n-butylphthalate
Concen: 43.814 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:149 Resp: 1773755
Ion Ratio Lower Upper
149 100
150 8.9 7.2 10.8
104 5.0 4.3 6.5

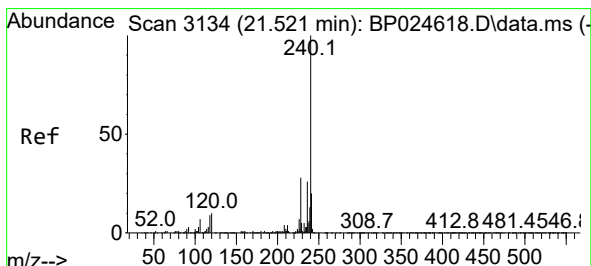
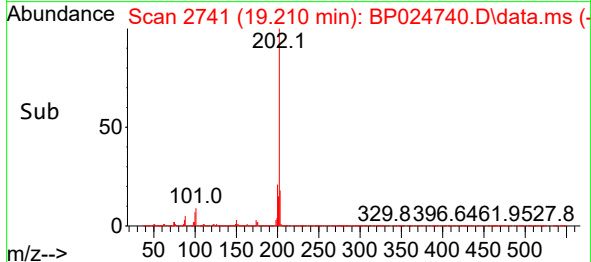
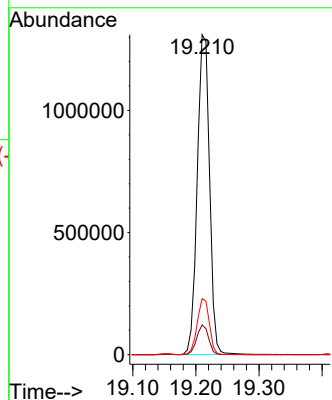
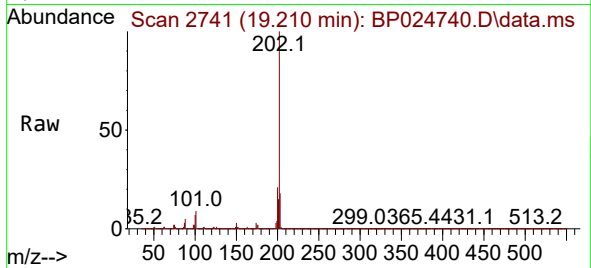




#75
Fluoranthene
Concen: 43.768 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

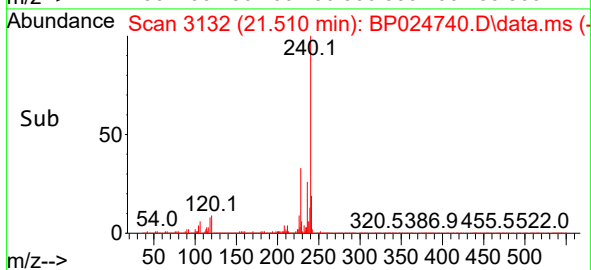
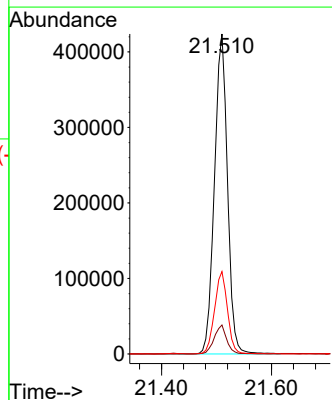
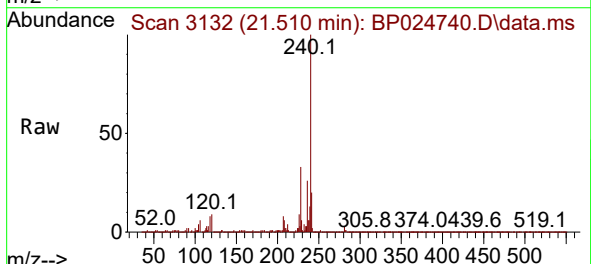
Instrument :
BNA_P
ClientSampleId :
PB168026BS

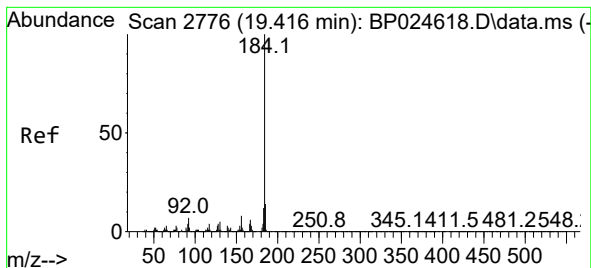
Tgt Ion:202 Resp: 1768553
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.3
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:240 Resp: 697911
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.7 20.6 31.0





#77

Benzidine

Concen: 37.651 ng

RT: 19.416 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

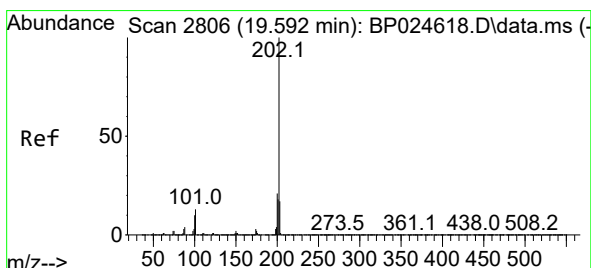
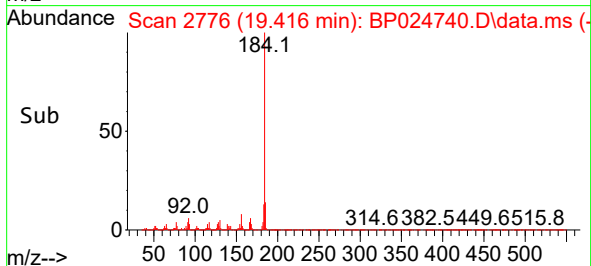
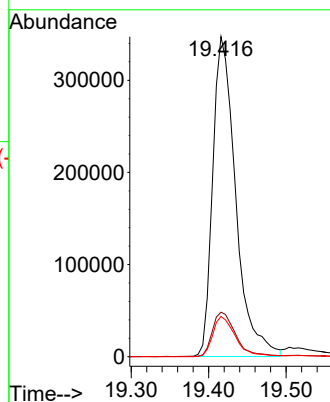
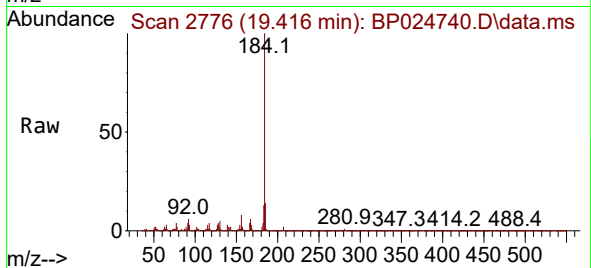
Tgt Ion:184 Resp: 715675

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 12.5 9.8 14.8



#78

Pyrene

Concen: 44.836 ng

RT: 19.586 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

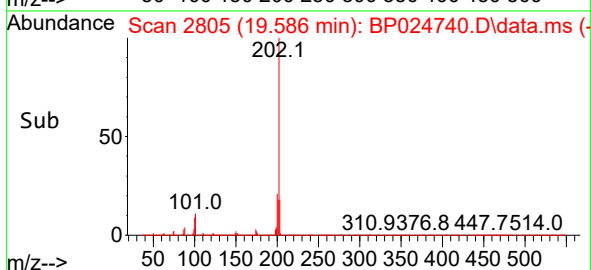
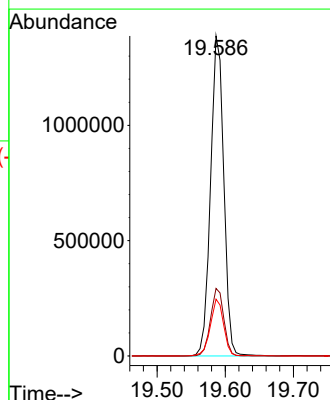
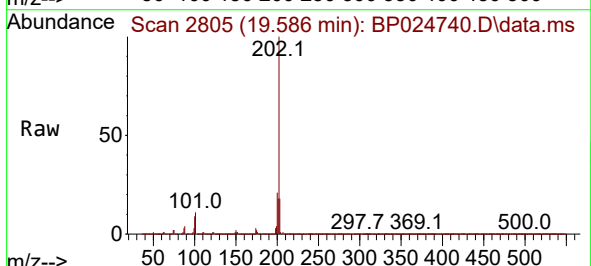
Tgt Ion:202 Resp: 1874917

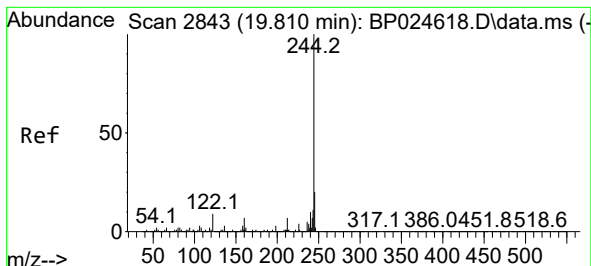
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 79.237 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

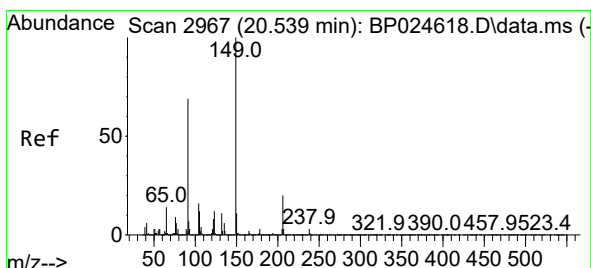
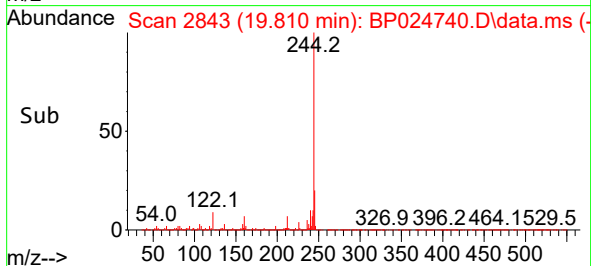
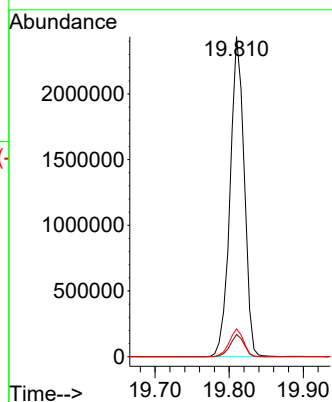
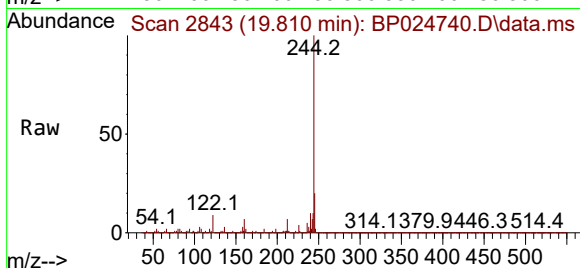
Tgt Ion:244 Resp: 3225075

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.7 7.4 11.0



#80

Butylbenzylphthalate

Concen: 46.707 ng

RT: 20.539 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

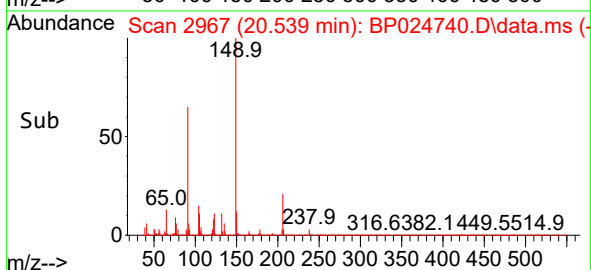
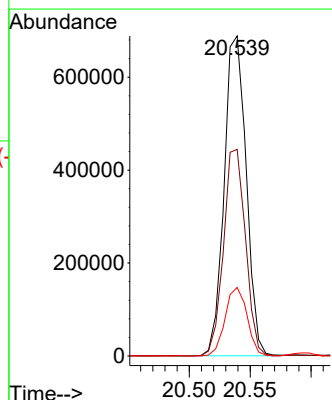
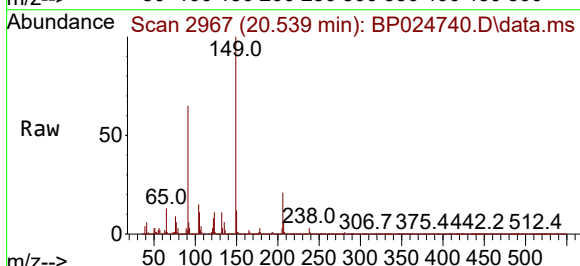
Tgt Ion:149 Resp: 868659

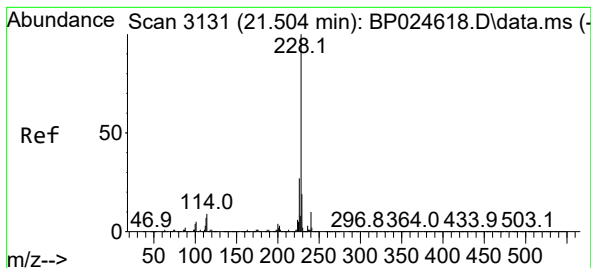
Ion Ratio Lower Upper

149 100

91 64.5 55.4 83.0

206 21.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.466 ng

RT: 21.486 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

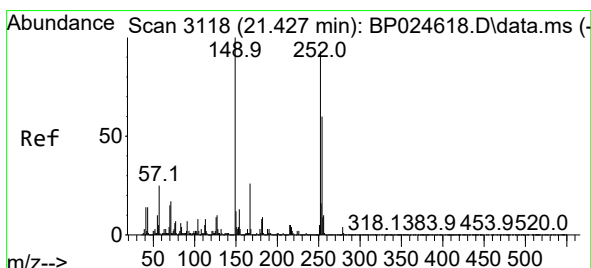
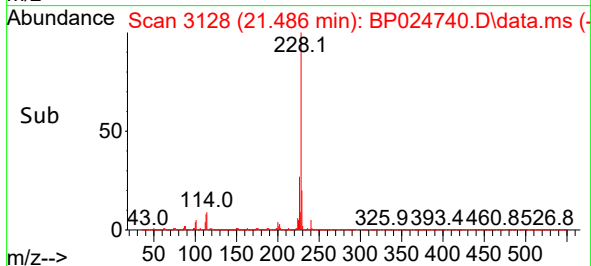
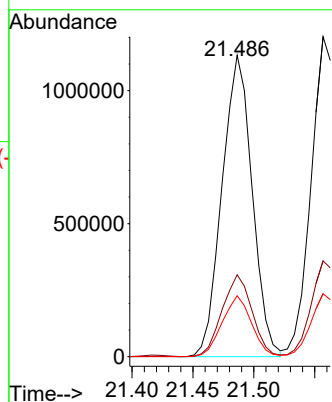
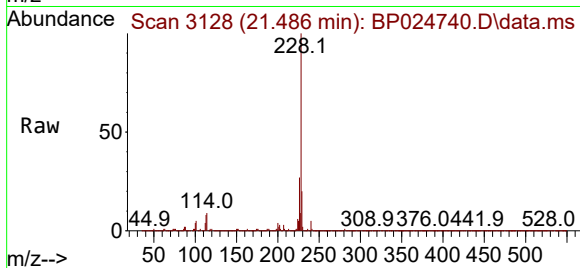
Tgt Ion:228 Resp: 1948641

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 20.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.885 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

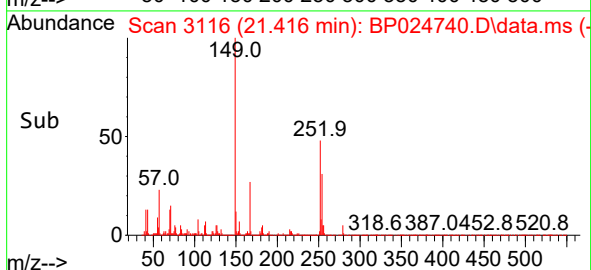
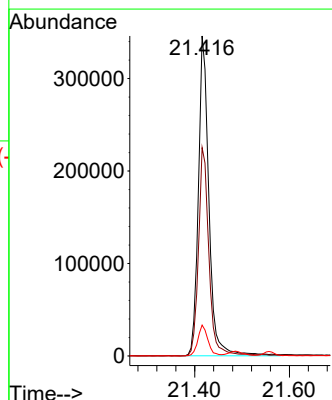
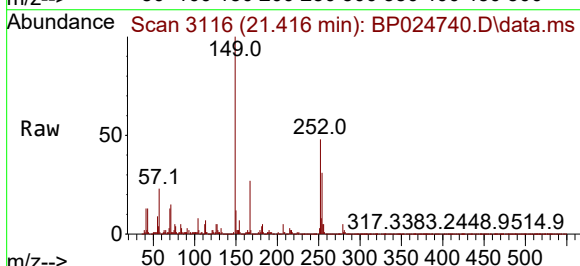
Tgt Ion:252 Resp: 535256

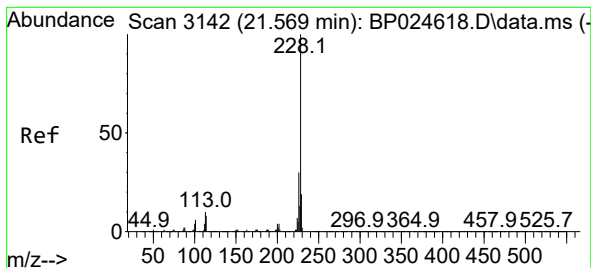
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 9.6 7.7 11.5





#83

Chrysene

Concen: 44.871 ng

RT: 21.557 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

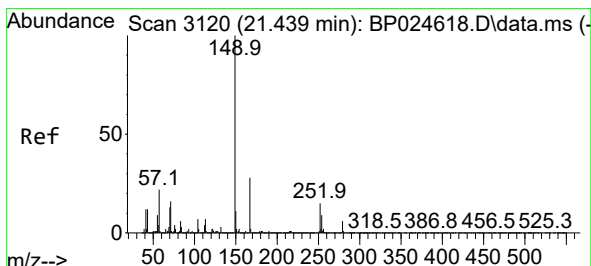
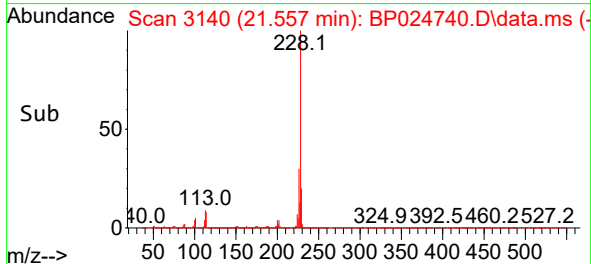
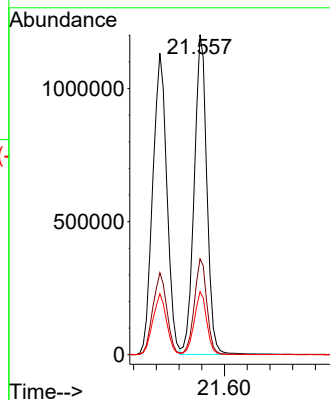
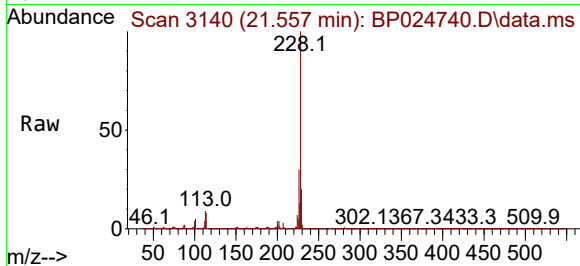
Tgt Ion:228 Resp: 1864035

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.786 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

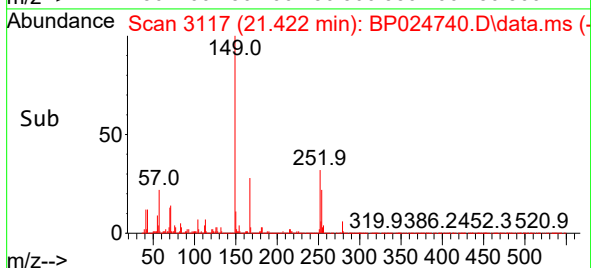
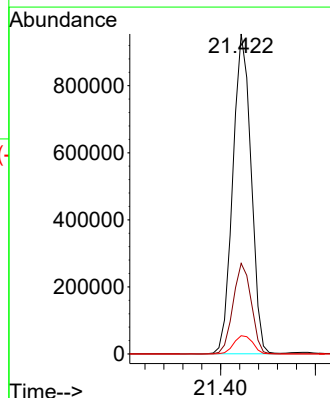
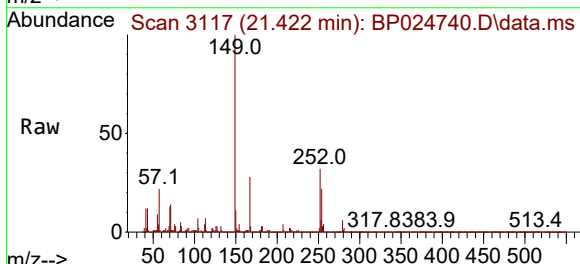
Tgt Ion:149 Resp: 1278909

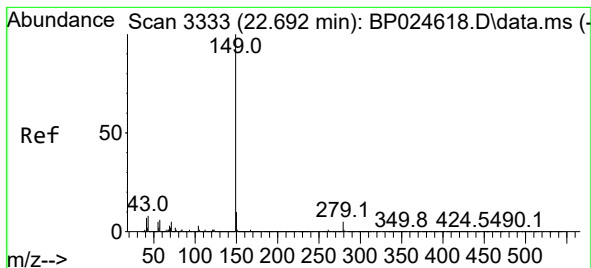
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 5.7 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 47.523 ng

RT: 22.669 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

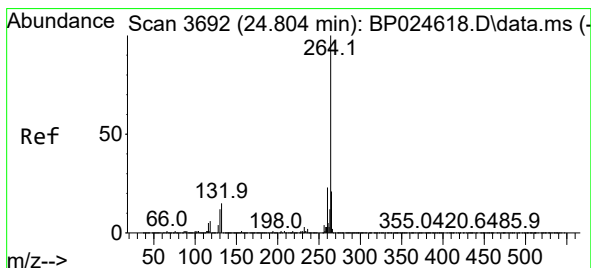
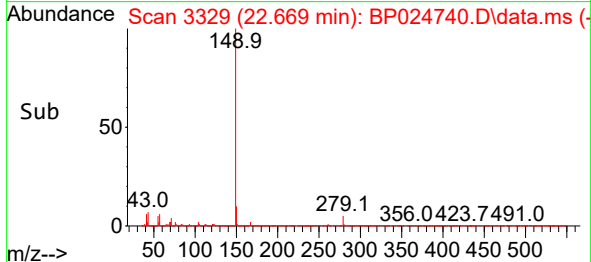
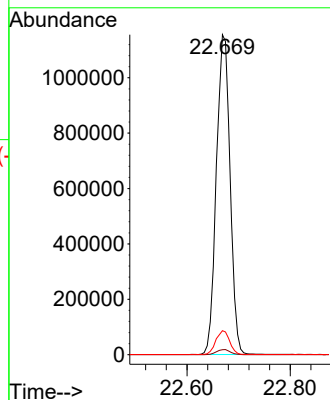
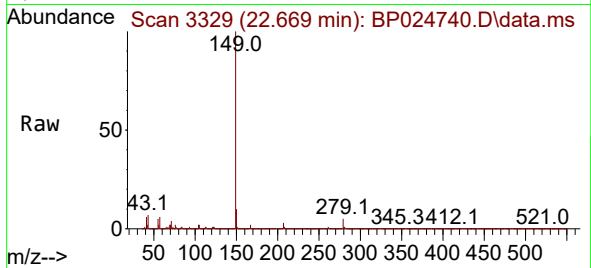
Tgt Ion:149 Resp: 2124324

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

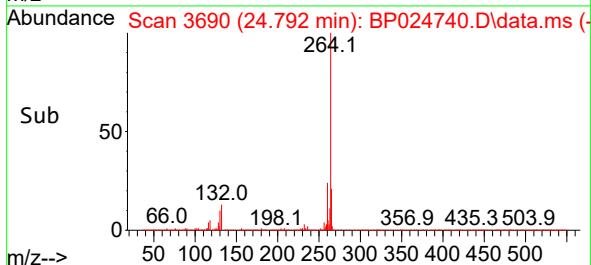
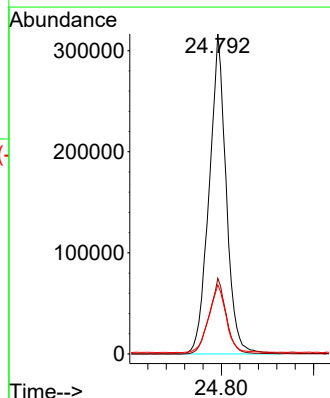
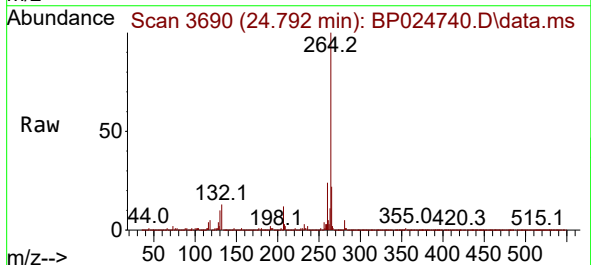
Tgt Ion:264 Resp: 814994

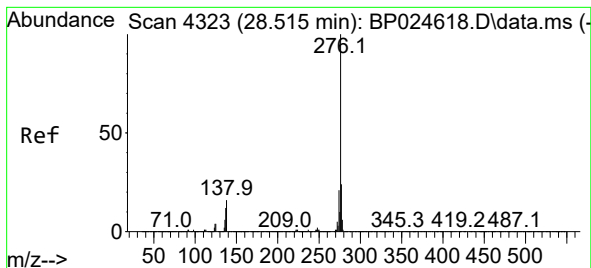
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.653 ng

RT: 28.498 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

PB168026BS

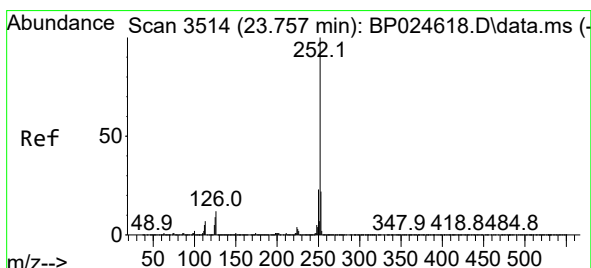
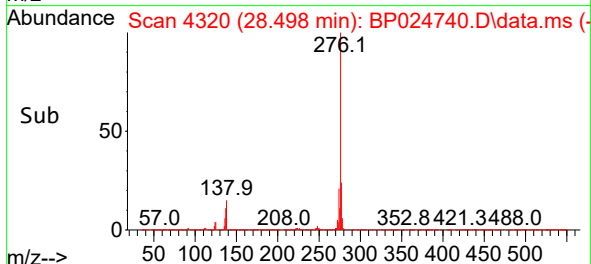
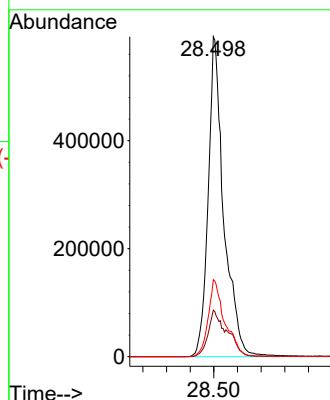
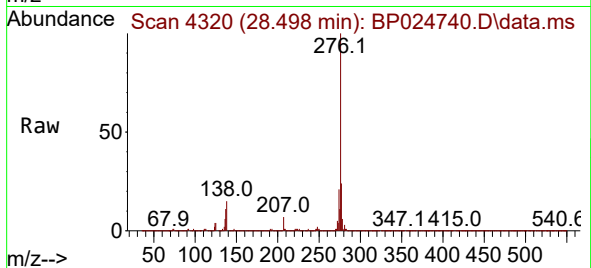
Tgt Ion:276 Resp: 2716306

Ion Ratio Lower Upper

276 100

138 17.6 11.2 16.8#

277 25.7 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 44.879 ng

RT: 23.751 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

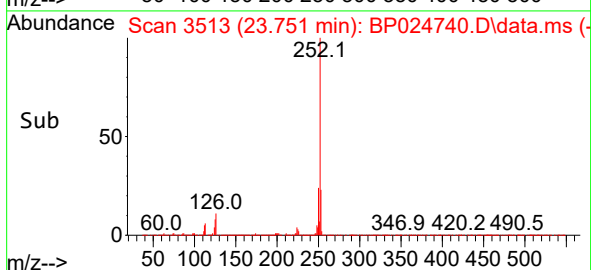
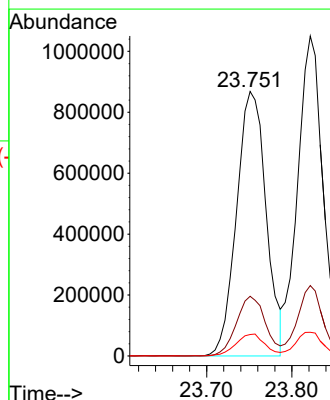
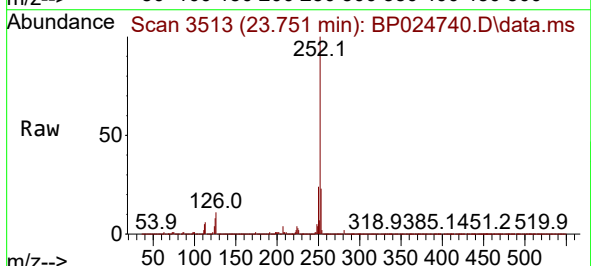
Tgt Ion:252 Resp: 2093567

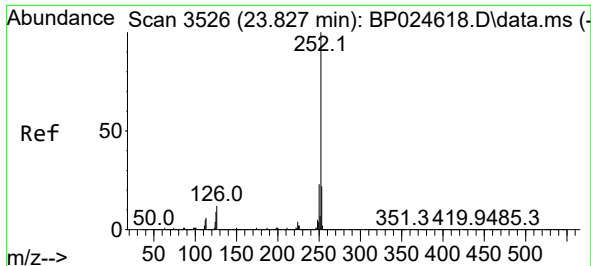
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 8.1 7.5 11.3

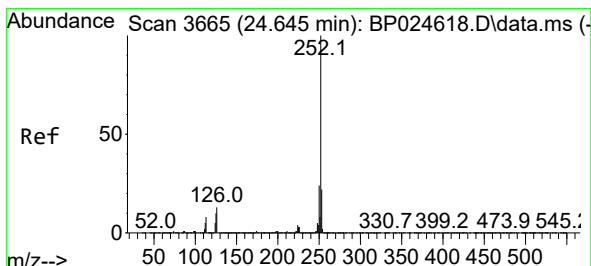
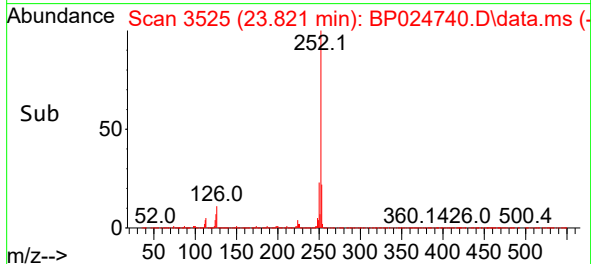
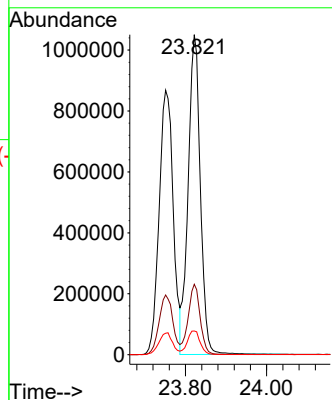
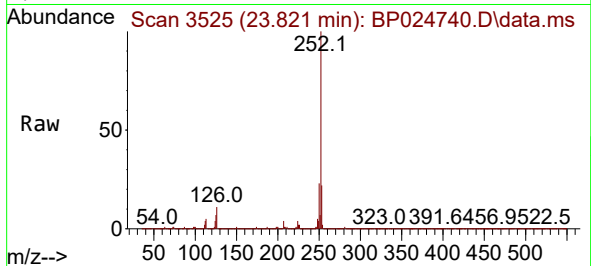




#89
Benzo(k)fluoranthene
Concen: 45.485 ng
RT: 23.821 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

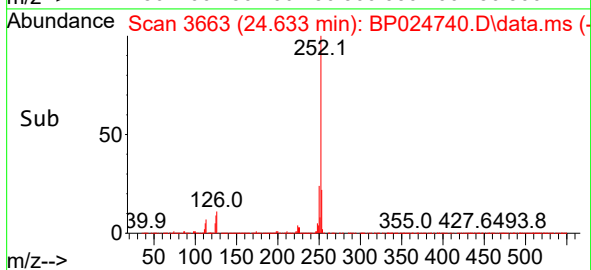
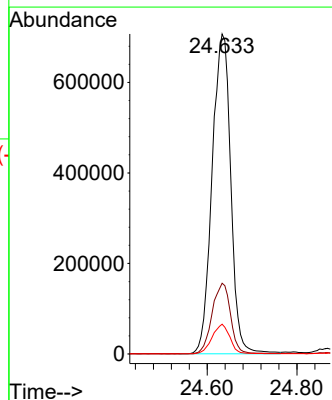
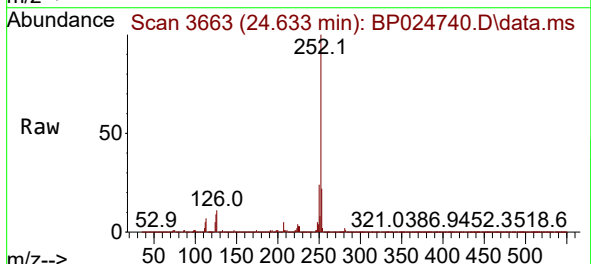
Instrument :
BNA_P
ClientSampleId :
PB168026BS

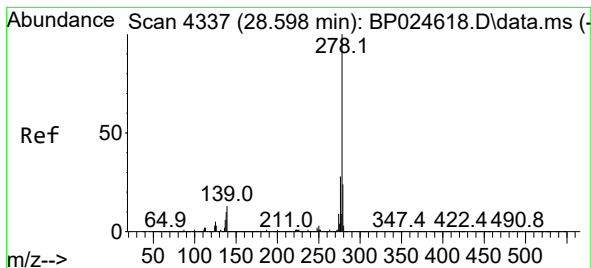
Tgt Ion:252 Resp: 2186408
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 45.577 ng
RT: 24.633 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP024740.D
Acq: 21 May 2025 16:50

Tgt Ion:252 Resp: 2041978
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.3 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.970 ng

RT: 28.580 min Scan# 41

Delta R.T. -0.017 min

Lab File: BP024740.D

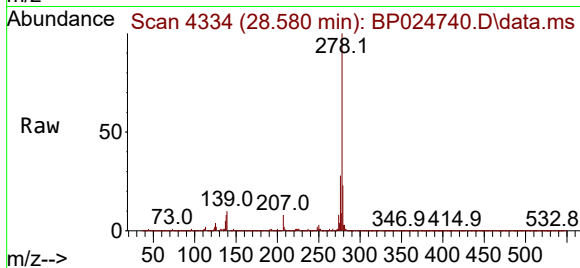
Acq: 21 May 2025 16:50

Instrument :

BNA_P

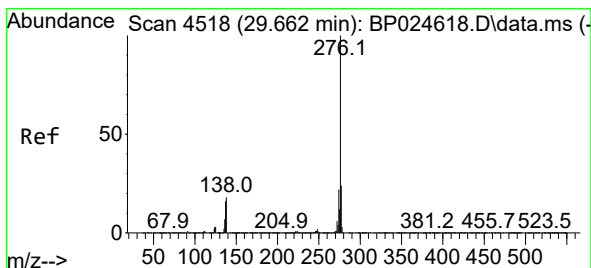
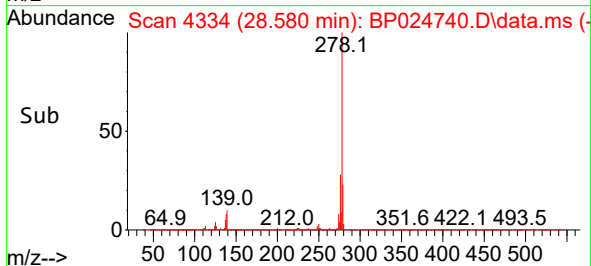
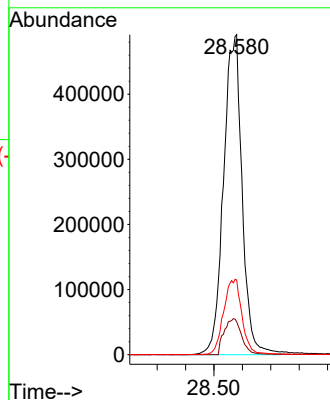
ClientSampleId :

PB168026BS



Tgt Ion:278 Resp: 2225175

Ion	Ratio	Lower	Upper
278	100		
139	10.3	10.2	15.4
279	23.3	19.0	28.4



#92

Benzo(g,h,i)perylene

Concen: 45.321 ng

RT: 29.639 min Scan# 4514

Delta R.T. -0.023 min

Lab File: BP024740.D

Acq: 21 May 2025 16:50

Tgt Ion:276 Resp: 2181545

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	15.3	14.4	21.6

