

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025643.D
 Acq On : 02 Sep 2025 18:19
 Operator : CG/JU
 Sample : PB169490BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169490BS

Quant Time: Sep 03 01:02:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	138252	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	552989	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	359421	20.000	ng	-0.02
64) Phenanthrene-d10	17.178	188	750779	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	817465	20.000	ng	-0.02
86) Perylene-d12	25.001	264	926416	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1120556	134.602	ng	0.00
7) Phenol-d6	6.966	99	1381641	129.449	ng	0.00
23) Nitrobenzene-d5	8.913	82	913792	83.591	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	699158	144.519	ng	-0.02
45) 2-Fluorobiphenyl	12.996	172	2147339	81.652	ng	-0.02
79) Terphenyl-d14	19.901	244	3660903	81.935	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	124536	38.191	ng	96
3) Pyridine	3.714	79	357764	40.084	ng	94
4) n-Nitrosodimethylamine	3.620	42	186674	50.732	ng	91
6) Aniline	7.108	93	509534	35.432	ng	98
8) 2-Chlorophenol	7.349	128	456853	48.631	ng	98
9) Benzaldehyde	6.925	77	187420	25.063	ng	97
10) Phenol	6.990	94	540056	48.221	ng	98
11) bis(2-Chloroethyl)ether	7.202	93	416119	47.670	ng	99
12) 1,3-Dichlorobenzene	7.661	146	487999	47.110	ng	96
13) 1,4-Dichlorobenzene	7.808	146	494417	46.697	ng	99
14) 1,2-Dichlorobenzene	8.119	146	478558	46.693	ng	99
15) Benzyl Alcohol	8.008	79	398744	47.018	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	580495	49.642	ng	97
17) 2-Methylphenol	8.219	107	374378	48.131	ng	99
18) Hexachloroethane	8.837	117	188805	48.500	ng	99
19) n-Nitroso-di-n-propyla...	8.566	70	320966	45.400	ng	96
20) 3+4-Methylphenols	8.543	107	497750	46.165	ng	95
22) Acetophenone	8.584	105	665460	47.986	ng	# 97
24) Nitrobenzene	8.955	77	474485	48.566	ng	98
25) Isophorone	9.478	82	907986	46.933	ng	99
26) 2-Nitrophenol	9.660	139	250563	49.973	ng	98
27) 2,4-Dimethylphenol	9.725	122	417443	48.413	ng	98
28) bis(2-Chloroethoxy)met...	9.949	93	548944	46.940	ng	98
29) 2,4-Dichlorophenol	10.196	162	425969	49.731	ng	97
30) 1,2,4-Trichlorobenzene	10.402	180	442104	47.084	ng	99
31) Naphthalene	10.590	128	1351381	47.018	ng	100
32) Benzoic acid	9.890	122	341124	53.587	ng	99
33) 4-Chloroaniline	10.696	127	321432	25.318	ng	99
34) Hexachlorobutadiene	10.872	225	288397	49.318	ng	99
35) Caprolactam	11.496	113	154376	49.151	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	493029	50.162	ng	95
37) 2-Methylnaphthalene	12.196	142	873424	46.696	ng	99
38) 1-Methylnaphthalene	12.413	142	909488	45.723	ng	100
40) 1,2,4,5-Tetrachloroben...	12.566	216	501988	48.359	ng	99
41) Hexachlorocyclopentadiene	12.543	237	566065	90.278	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	355841	50.777	ng	99

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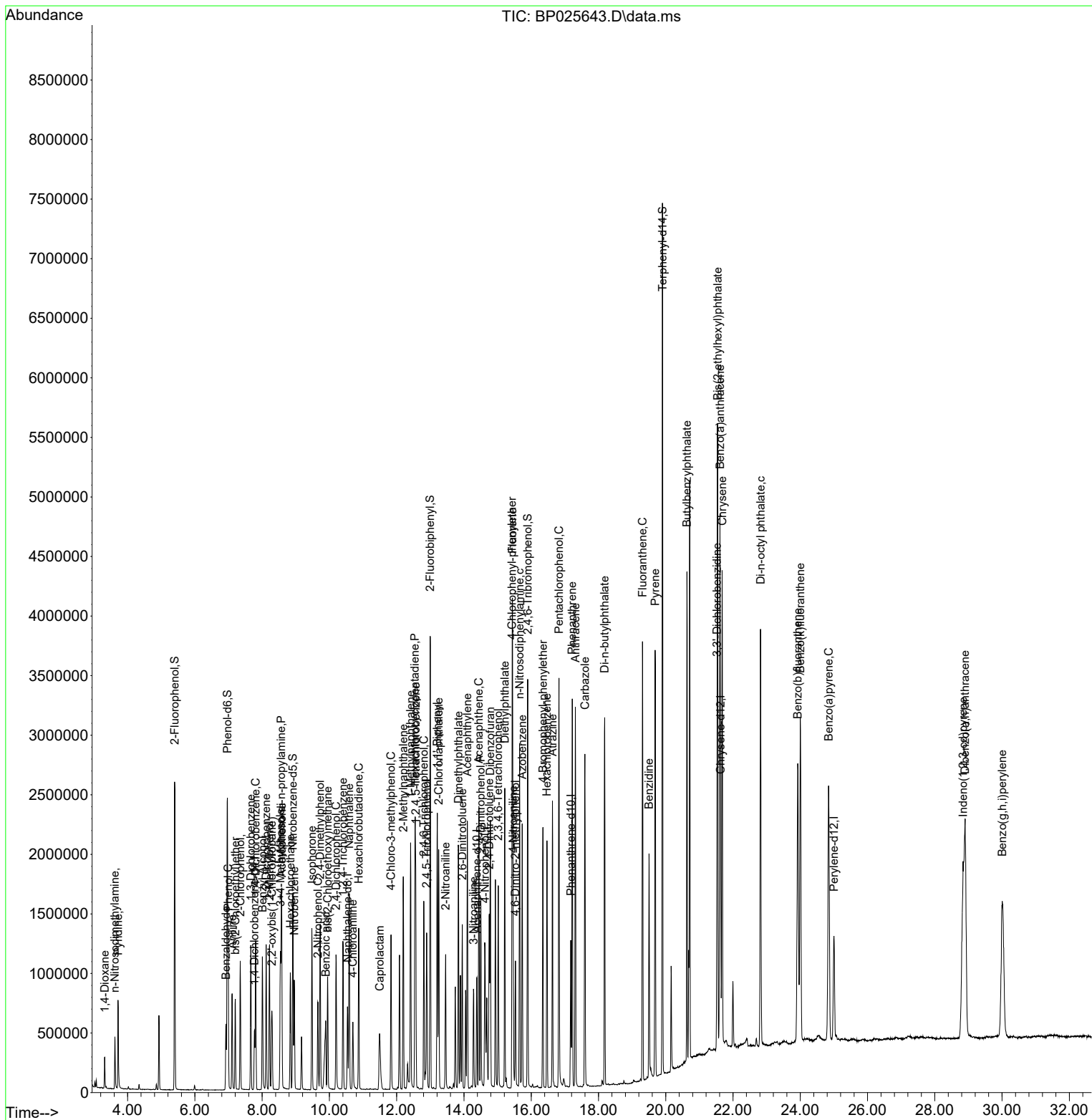
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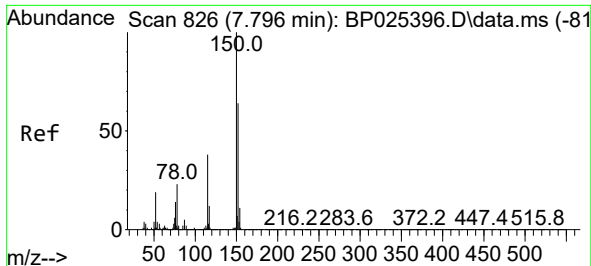
Quant Time: Sep 03 01:02:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	393559	51.241	ng	99
46) 1,1'-Biphenyl	13.207	154	1250837	47.919	ng	98
47) 2-Chloronaphthalene	13.248	162	957373	47.112	ng	99
48) 2-Nitroaniline	13.454	65	316460	53.446	ng	96
49) Acenaphthylene	14.101	152	1613684	47.990	ng	100
50) Dimethylphthalate	13.837	163	1301867	49.463	ng	100
51) 2,6-Dinitrotoluene	13.948	165	285785	51.516	ng	92
52) Acenaphthene	14.443	154	908221	46.015	ng	100
53) 3-Nitroaniline	14.284	138	222750	35.689	ng	96
54) 2,4-Dinitrophenol	14.501	184	350614	118.350	ng	98
55) Dibenzofuran	14.784	168	1490001	47.748	ng	99
56) 4-Nitrophenol	14.625	139	500627	97.610	ng	95
57) 2,4-Dinitrotoluene	14.754	165	418449	52.869	ng	98
58) Fluorene	15.442	166	1189895	48.324	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	354740	52.308	ng	100
60) Diethylphthalate	15.213	149	1372072	51.304	ng	99
61) 4-Chlorophenyl-phenylether	15.431	204	599245	48.934	ng	97
62) 4-Nitroaniline	15.460	138	313379	48.976	ng	94
63) Azobenzene	15.731	77	1181456	51.593	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	247653	52.917	ng	92
66) n-Nitrosodiphenylamine	15.654	169	1095502	47.850	ng	100
67) 4-Bromophenyl-phenylether	16.348	248	400071	48.451	ng	97
68) Hexachlorobenzene	16.466	284	464294	48.507	ng	99
69) Atrazine	16.631	200	433636	50.576	ng	98
70) Pentachlorophenol	16.825	266	629724	104.221	ng	98
71) Phenanthrene	17.219	178	1963486	47.608	ng	99
72) Anthracene	17.313	178	2013380	47.804	ng	99
73) Carbazole	17.595	167	1910800	48.166	ng	99
74) Di-n-butylphthalate	18.184	149	2580140	52.863	ng	100
75) Fluoranthene	19.307	202	2437671	49.551	ng	99
77) Benzidine	19.501	184	1143376	40.984	ng	100
78) Pyrene	19.683	202	2524048	47.504	ng	99
80) Butylbenzylphthalate	20.630	149	1272403	52.840	ng	99
81) Benzo(a)anthracene	21.613	228	2643485	49.033	ng	100
82) 3,3'-Dichlorobenzidine	21.525	252	696561	34.278	ng	100
83) Chrysene	21.677	228	2432537	48.180	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	1872697	52.830	ng	99
85) Di-n-octyl phthalate	22.819	149	3295593	54.051	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3298591	48.552	ng	# 88
88) Benzo(b)fluoranthene	23.924	252	2660138	48.695	ng	100
89) Benzo(k)fluoranthene	24.001	252	2715970	49.684	ng	99
90) Benzo(a)pyrene	24.842	252	2607501	49.035	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	2699614	48.624	ng	98
92) Benzo(g,h,i)perylene	30.006	276	2619132	47.991	ng	99

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

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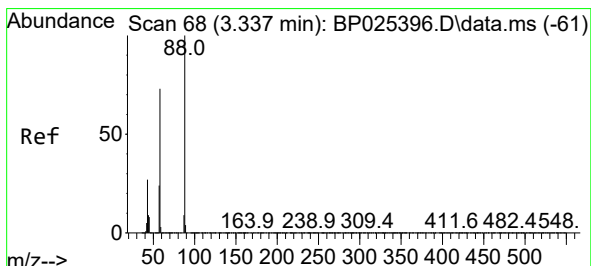
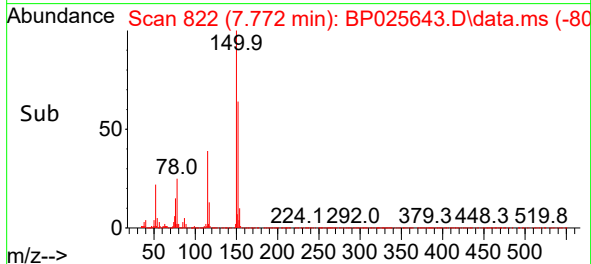
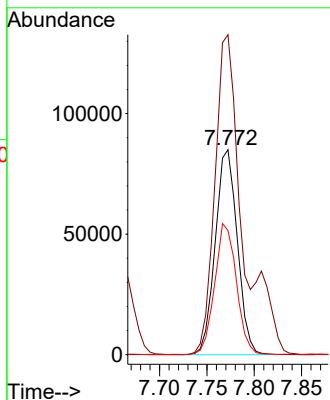
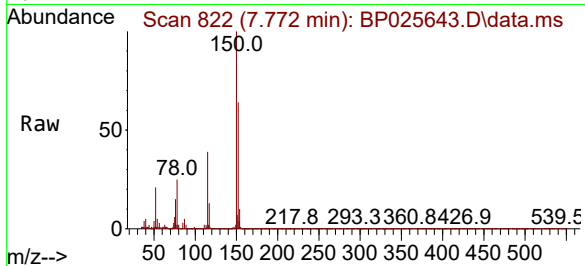




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025643.D
 Acq: 02 Sep 2025 18:19

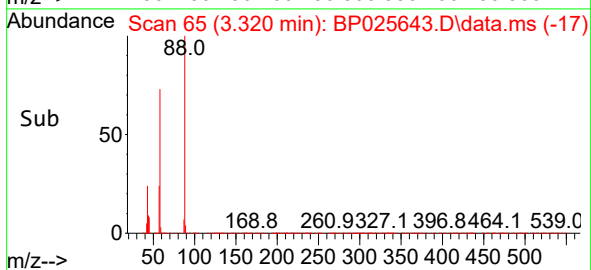
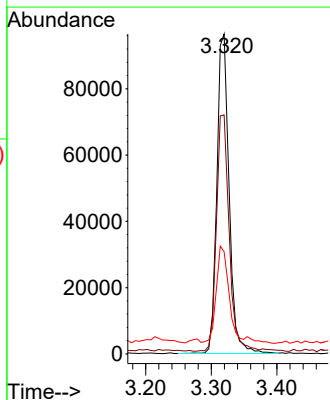
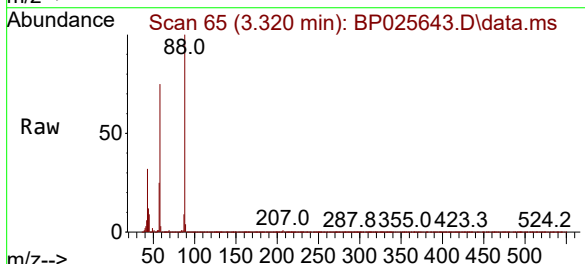
Instrument :
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 PB169490BS

Tgt Ion:152 Resp: 138252
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 60.6 48.5 72.7



#2
 1,4-Dioxane
 Concen: 38.191 ng
 RT: 3.320 min Scan# 65
 Delta R.T. -0.017 min
 Lab File: BP025643.D
 Acq: 02 Sep 2025 18:19

Tgt Ion: 88 Resp: 124536
 Ion Ratio Lower Upper
 88 100
 58 77.1 59.2 88.8
 43 30.6 21.7 32.5

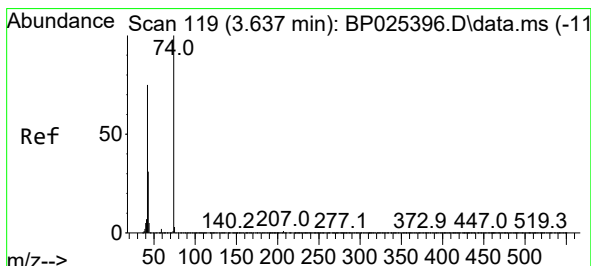
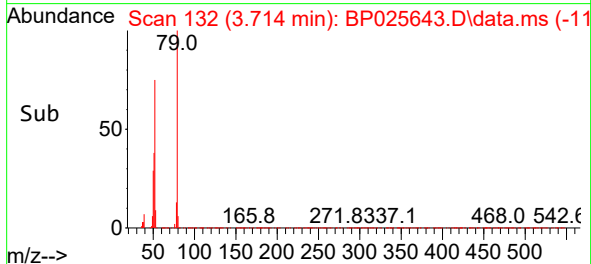
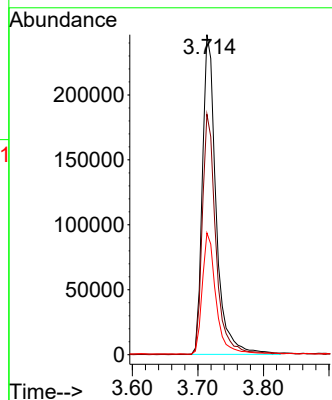
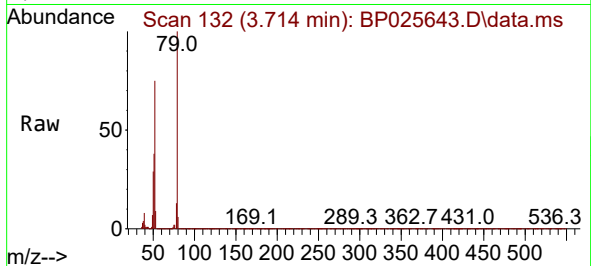




#3
 Pyridine
 Concen: 40.084 ng
 RT: 3.714 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BP025643.D
 Acq: 02 Sep 2025 18:19

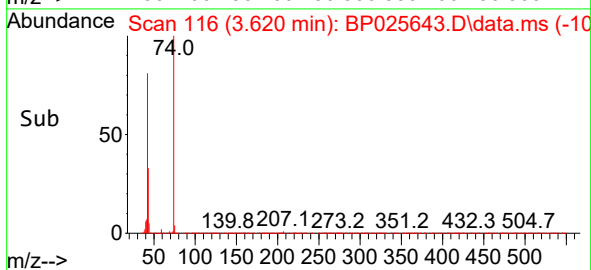
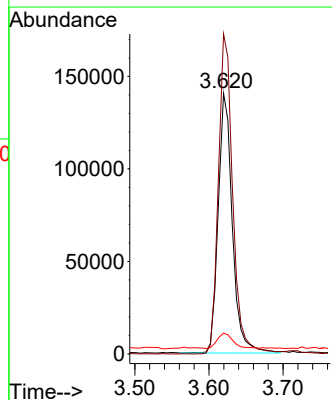
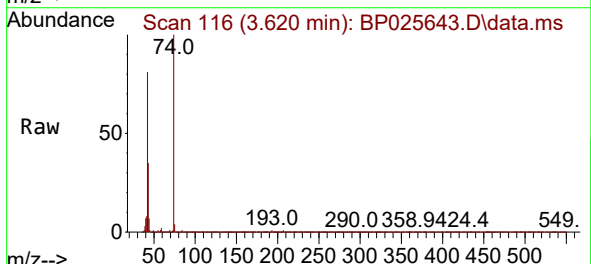
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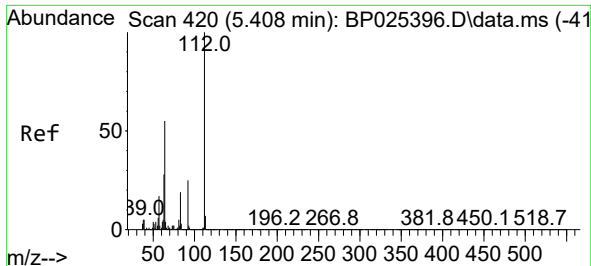
Tgt Ion: 79 Resp: 357764
 Ion Ratio Lower Upper
 79 100
 52 75.2 55.5 83.3
 51 38.0 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 50.732 ng
 RT: 3.620 min Scan# 116
 Delta R.T. -0.017 min
 Lab File: BP025643.D
 Acq: 02 Sep 2025 18:19

Tgt Ion: 42 Resp: 186674
 Ion Ratio Lower Upper
 42 100
 74 122.8 107.0 160.4
 44 8.0 6.2 9.4

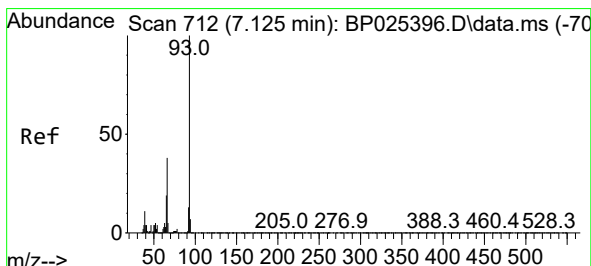
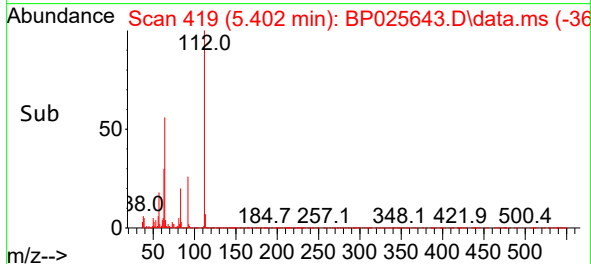
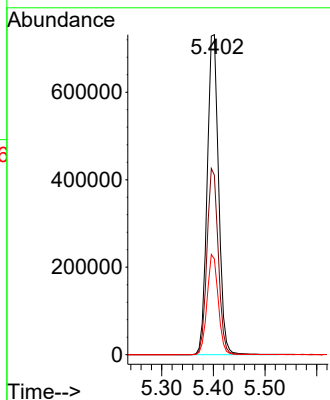
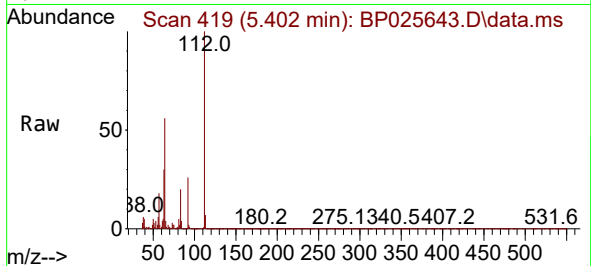




#5
2-Fluorophenol
Concen: 134.602 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

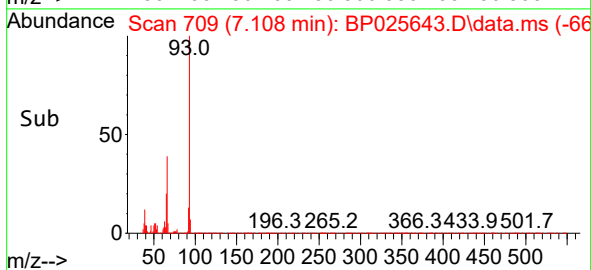
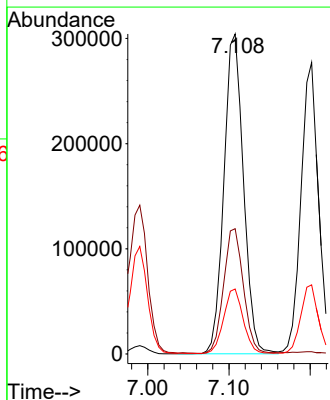
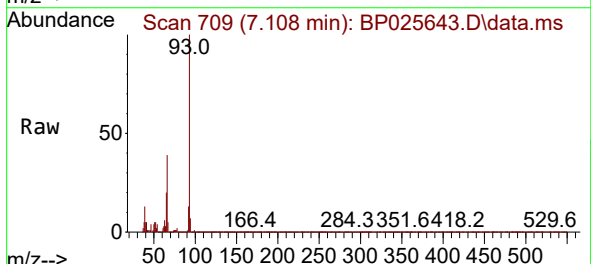
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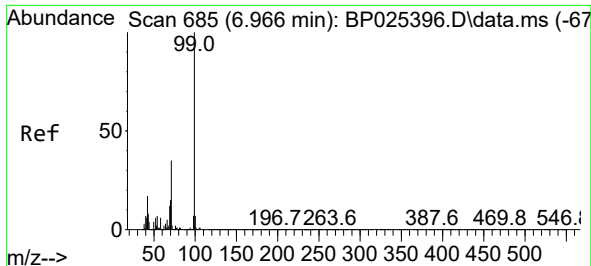
Tgt Ion:112 Resp: 1120556
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.9 22.7 34.1



#6
Aniline
Concen: 35.432 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 93 Resp: 509534
Ion Ratio Lower Upper
93 100
66 39.1 30.4 45.6
65 20.3 15.3 22.9

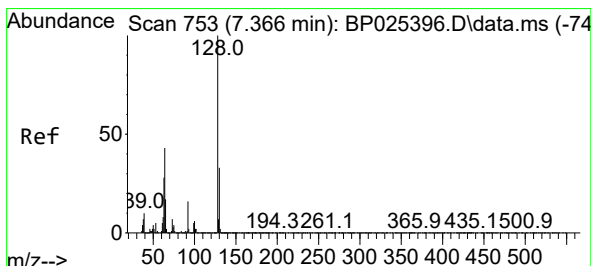
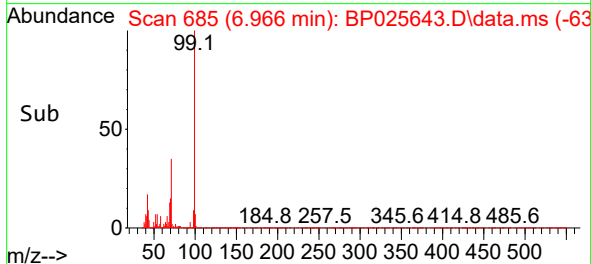
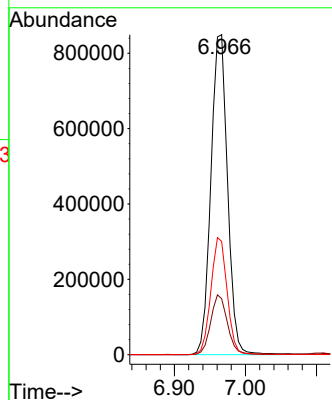
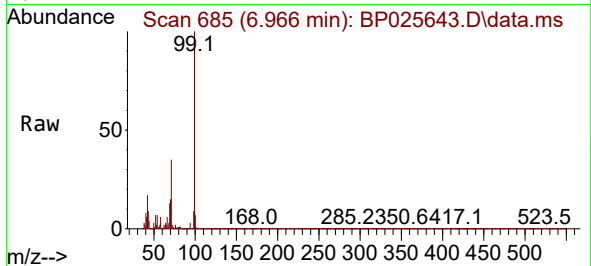




#7
Phenol-d6
Concen: 129.449 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

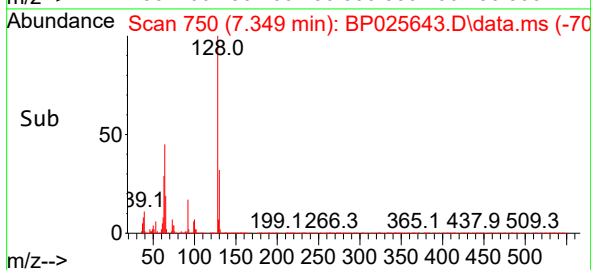
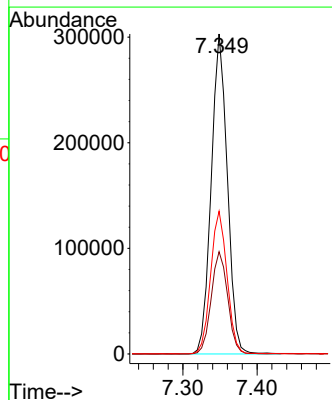
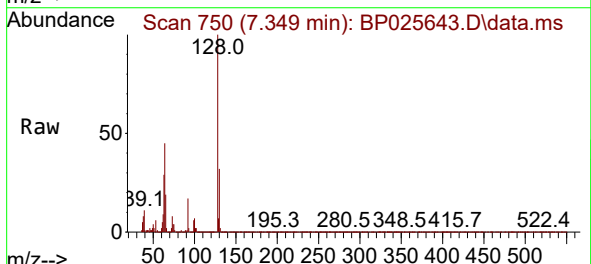
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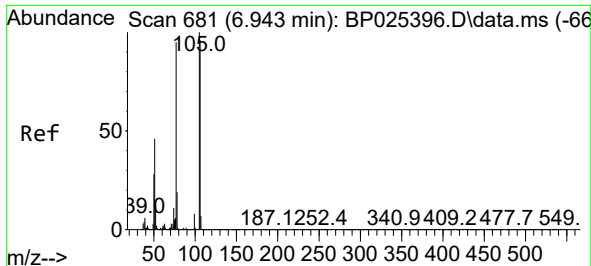
Tgt Ion: 99 Resp: 1381641
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 35.4 28.2 42.4



#8
2-Chlorophenol
Concen: 48.631 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 128 Resp: 456853
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 44.6 23.4 63.4

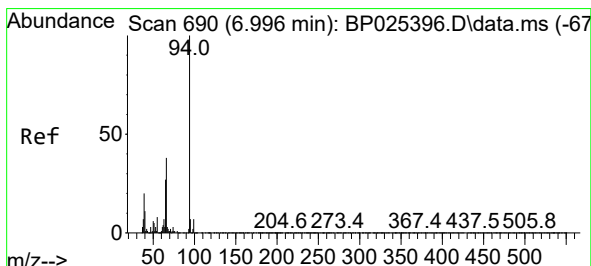
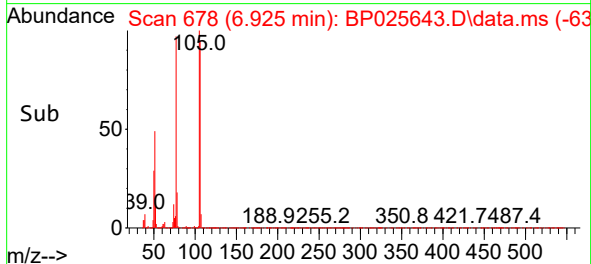
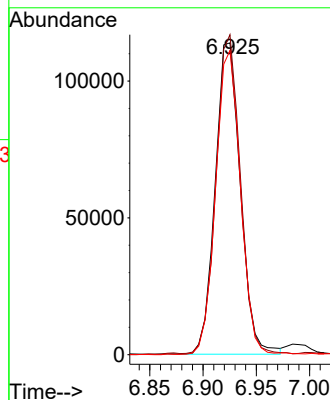
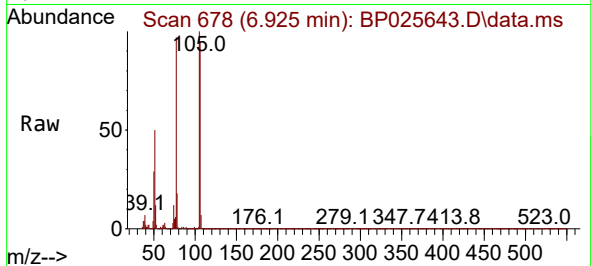




#9
Benzaldehyde
Concen: 25.063 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

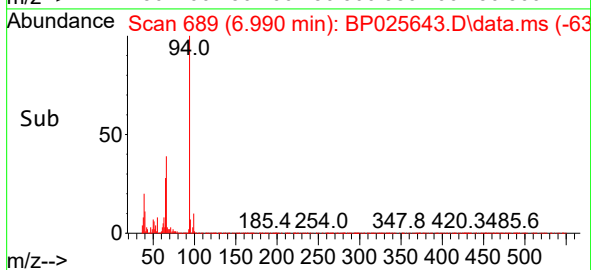
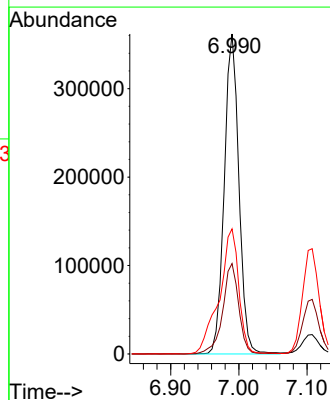
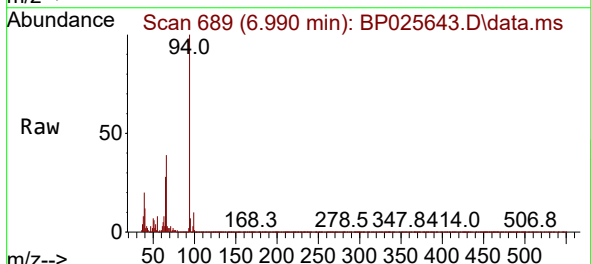
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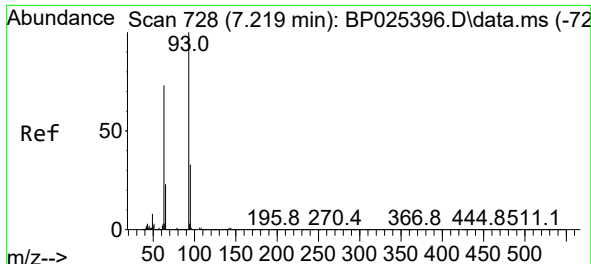
Tgt Ion: 77 Resp: 187420
Ion Ratio Lower Upper
77 100
105 102.6 84.8 124.8
106 97.5 80.5 120.5



#10
Phenol
Concen: 48.221 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 94 Resp: 540056
Ion Ratio Lower Upper
94 100
65 28.2 6.8 46.8
66 39.1 18.2 58.2

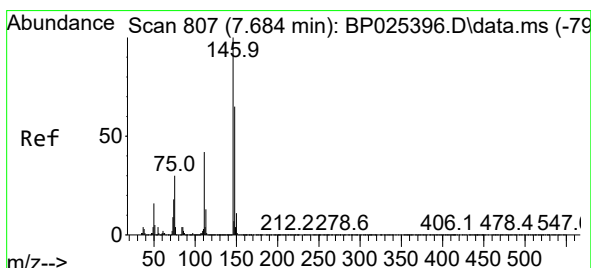
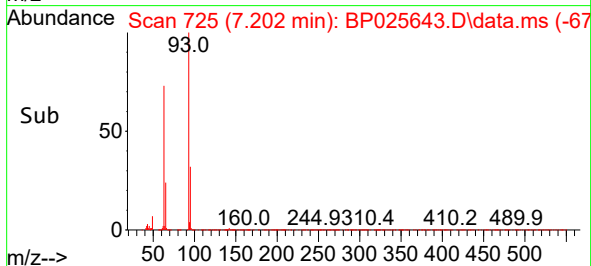
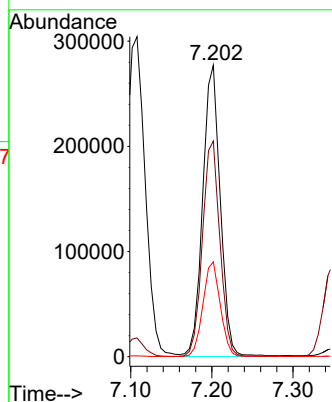
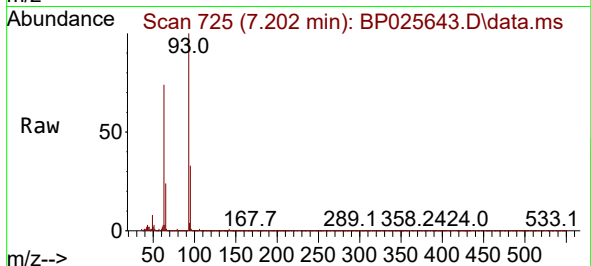




#11
bis(2-Chloroethyl)ether
Concen: 47.670 ng
RT: 7.202 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

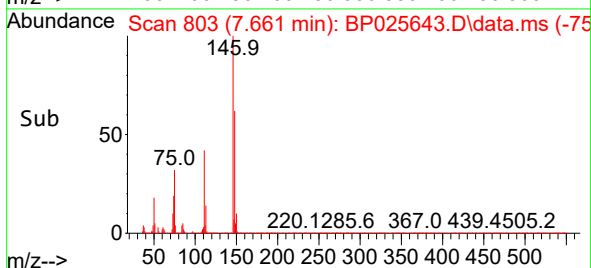
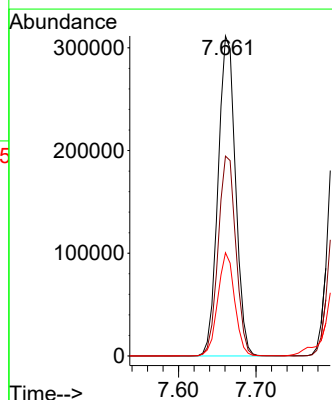
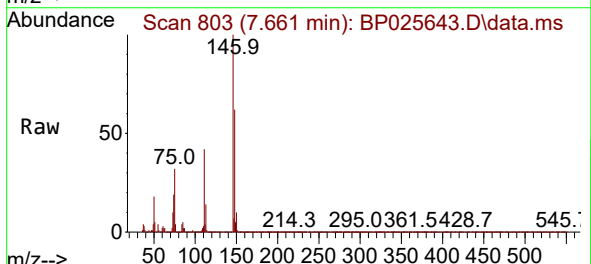
Instrument :
BNA_P
ClientSampleId :
PB169490BS

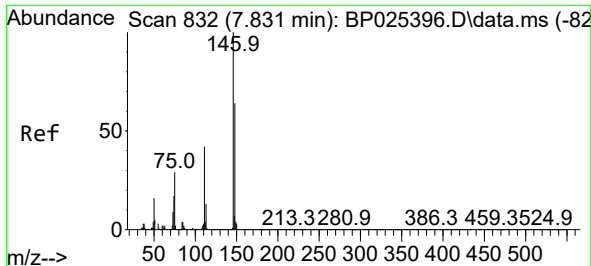
Tgt Ion: 93 Resp: 416119
Ion Ratio Lower Upper
93 100
63 74.0 52.6 92.6
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.110 ng
RT: 7.661 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:146 Resp: 487999
Ion Ratio Lower Upper
146 100
148 62.4 51.9 77.9
75 32.2 23.7 35.5

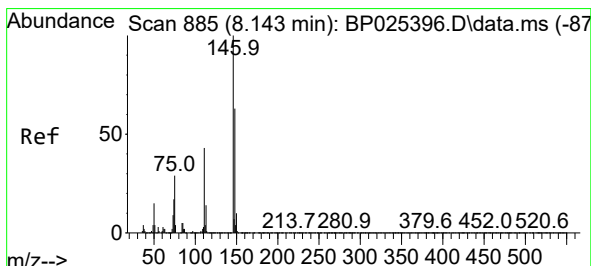
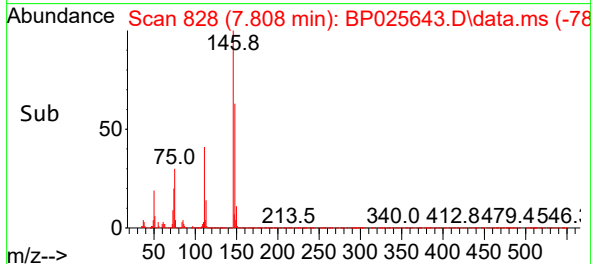
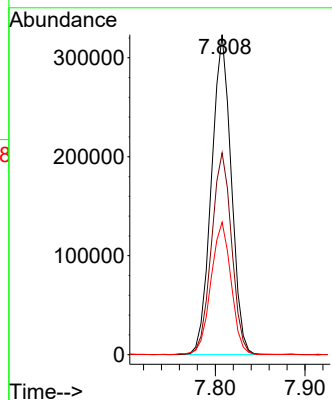
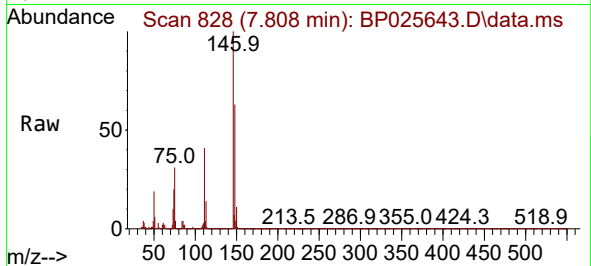




#13
1,4-Dichlorobenzene
Concen: 46.697 ng
RT: 7.808 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

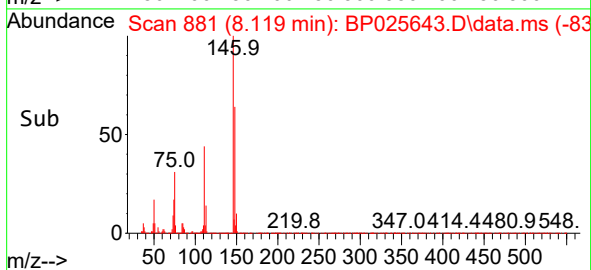
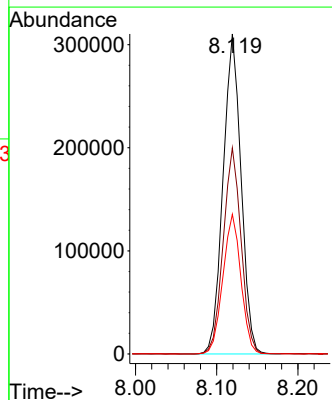
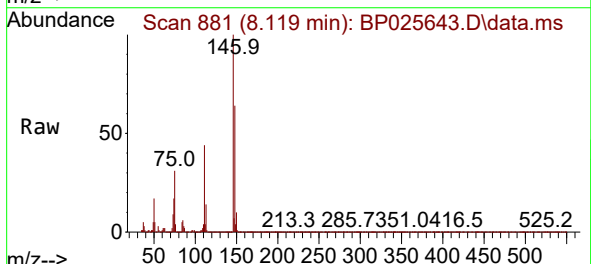
Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:146 Resp: 494417
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
111 41.4 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 46.693 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:146 Resp: 478558
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
111 43.7 34.5 51.7

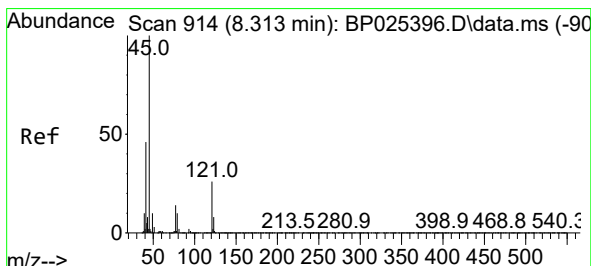
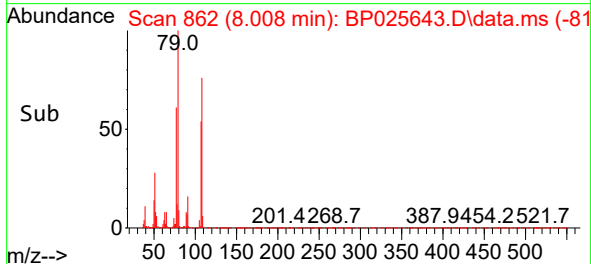
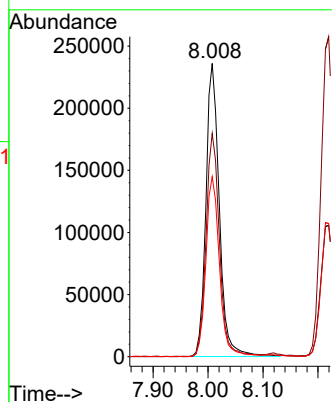
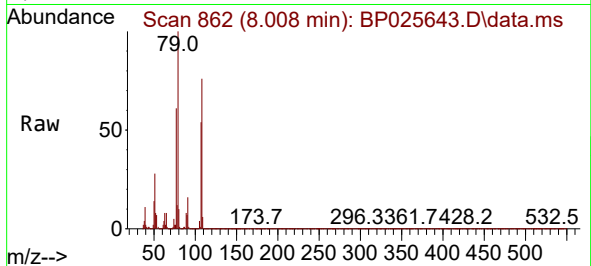




#15
Benzyl Alcohol
Concen: 47.018 ng
RT: 8.008 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

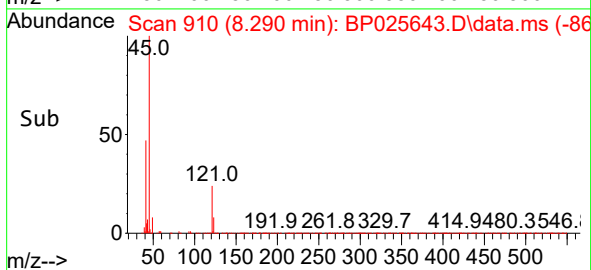
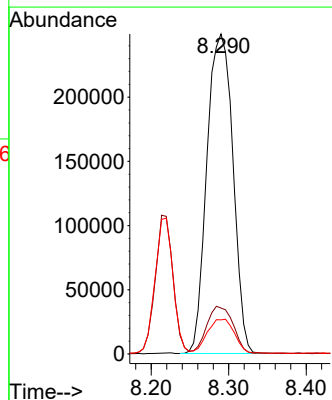
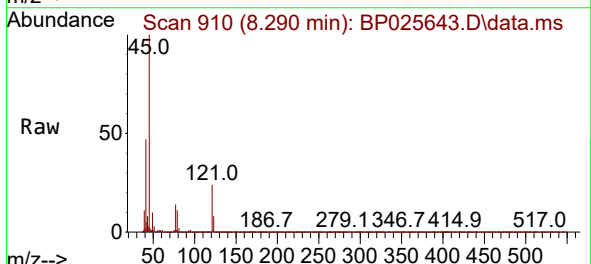
Instrument :
BNA_P
ClientSampleId :
PB169490BS

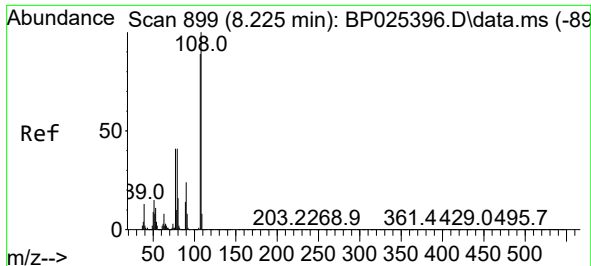
Tgt Ion: 79 Resp: 398744
Ion Ratio Lower Upper
79 100
108 76.1 63.8 95.6
77 61.4 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.642 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 45 Resp: 580495
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.3
79 10.6 0.0 31.8

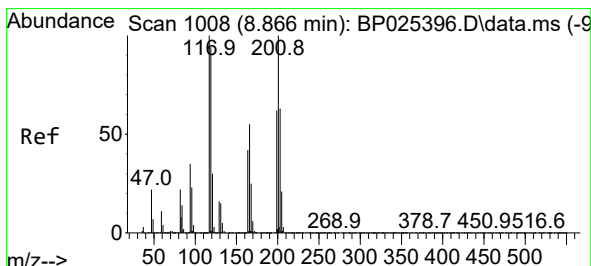
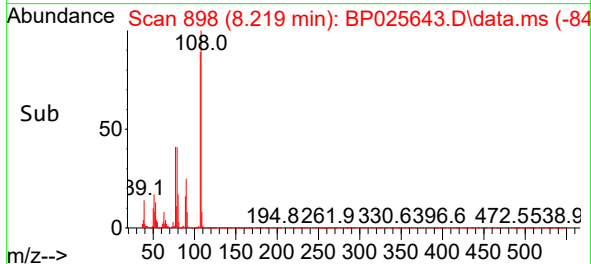
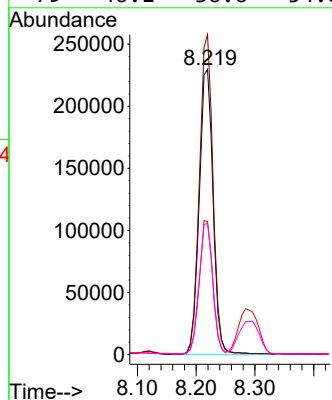
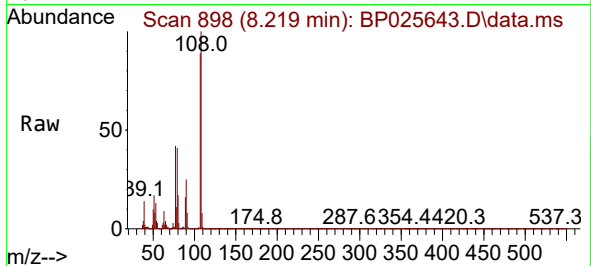




#17
2-Methylphenol
Concen: 48.131 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

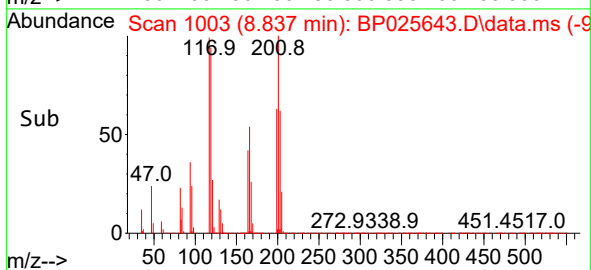
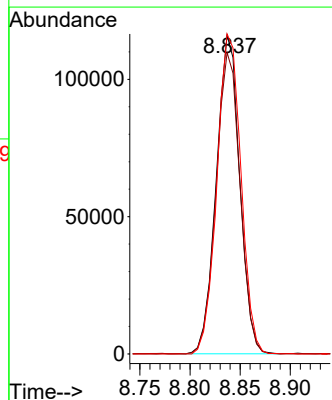
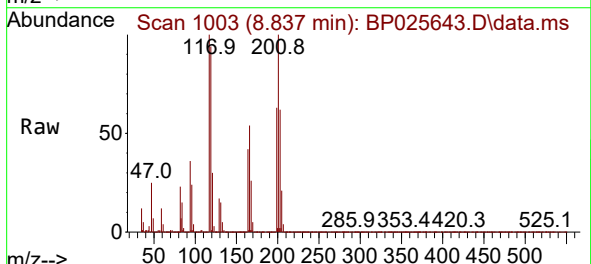
Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:	107	Resp:	374378
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.4	134.0
77	46.7	36.3	54.5
79	46.1	36.6	54.8



#18
Hexachloroethane
Concen: 48.500 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:	117	Resp:	188805
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.1	112.7
201	100.4	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 45.400 ng

RT: 8.566 min Scan# 91

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

Tgt Ion: 70 Resp: 320966

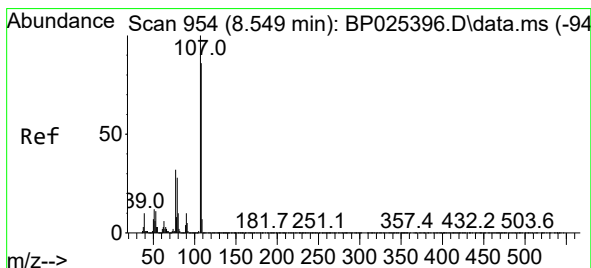
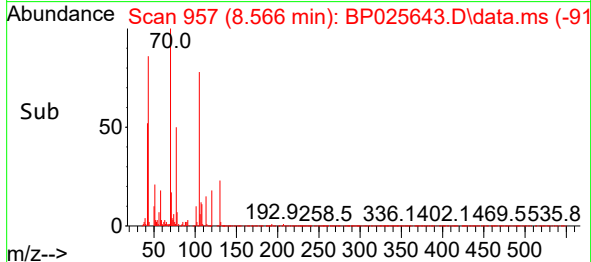
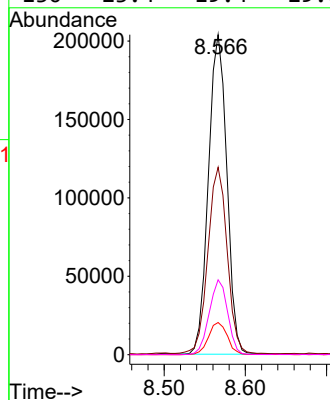
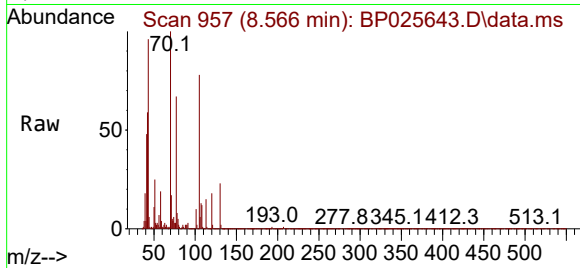
Ion Ratio Lower Upper

70 100

42 58.6 43.8 65.6

101 10.1 8.5 12.7

130 23.4 19.4 29.0



#20

3+4-Methylphenols

Concen: 46.165 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Tgt Ion: 107 Resp: 497750

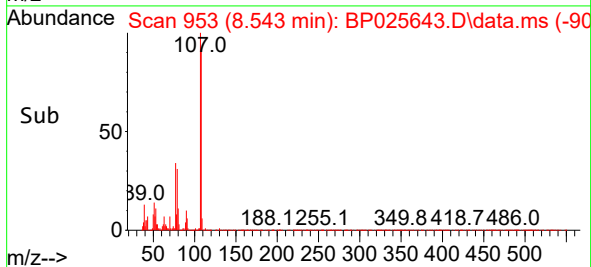
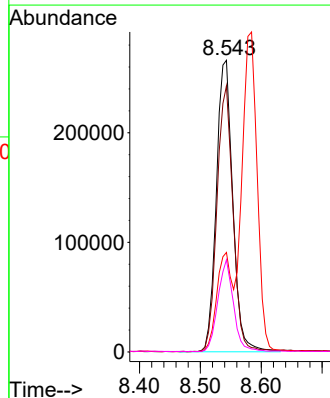
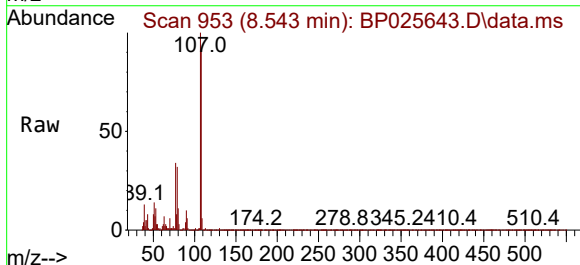
Ion Ratio Lower Upper

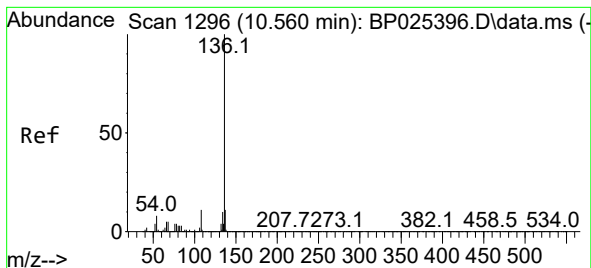
107 100

108 91.2 66.3 106.3

77 34.1 12.3 52.3

79 31.6 7.8 47.8

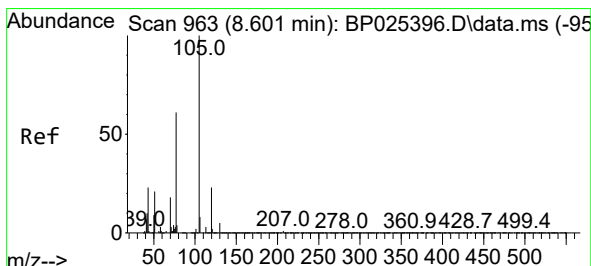
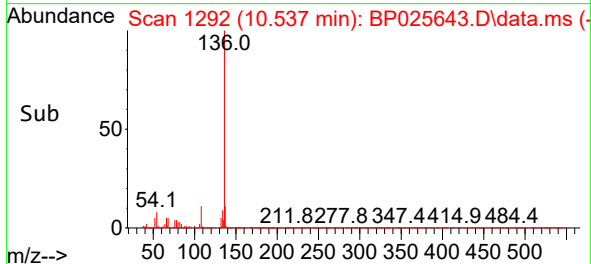
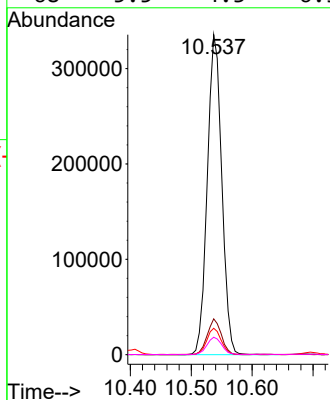
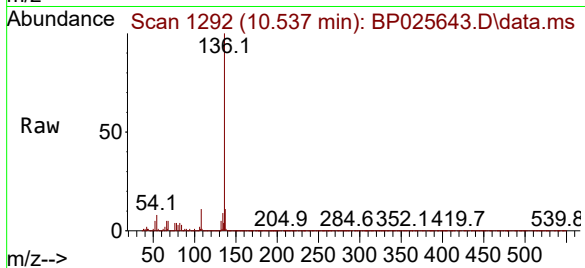




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

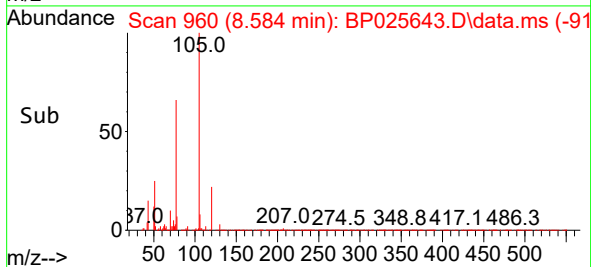
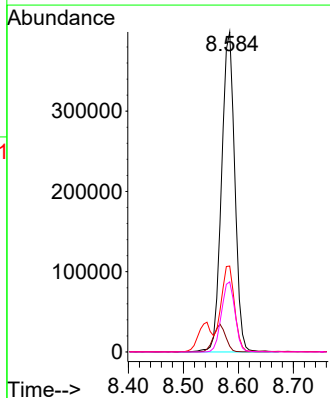
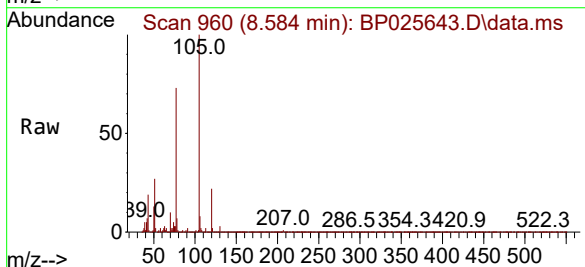
Instrument :
BNA_P
ClientSampleId :
PB169490BS

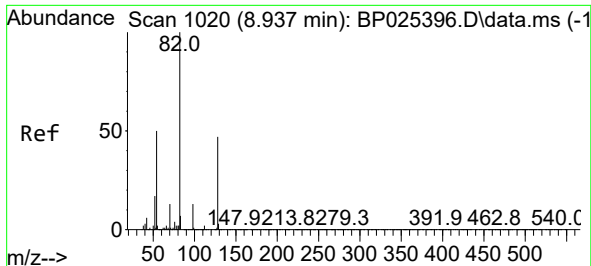
Tgt Ion:	136	Resp:	552989
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.2	6.0	9.0
68	5.5	4.3	6.5



#22
Acetophenone
Concen: 47.986 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:	105	Resp:	665460
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.6	4.0#
51	26.8	20.6	30.8
120	21.9	18.6	27.8

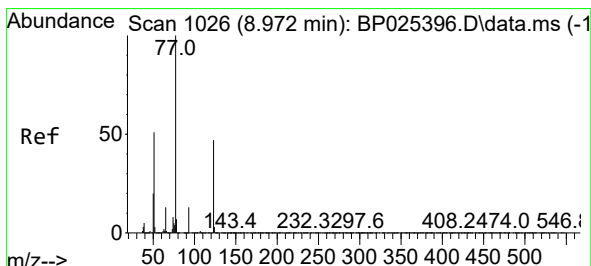
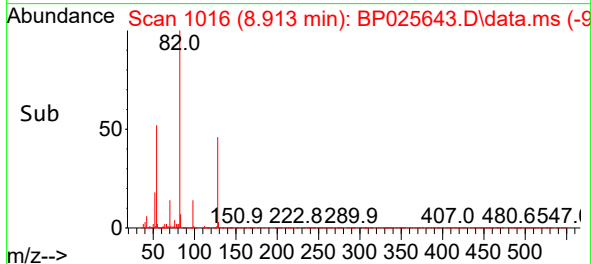
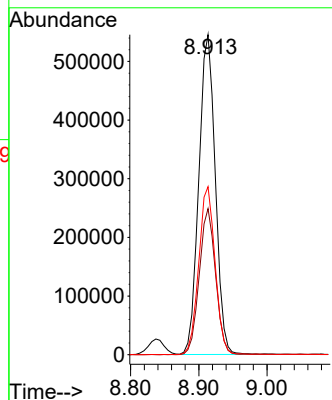
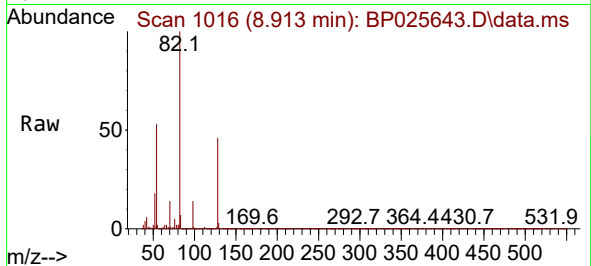




#23
Nitrobenzene-d5
Concen: 83.591 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

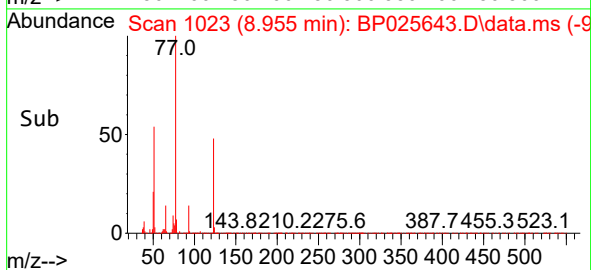
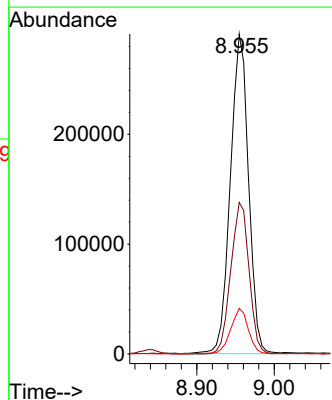
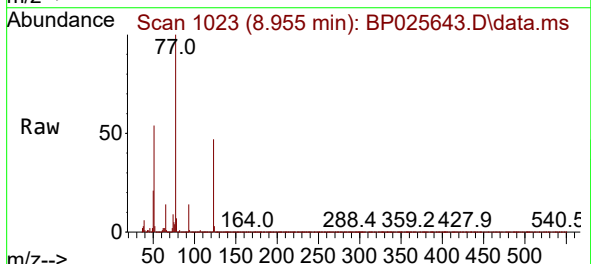
Instrument :
BNA_P
ClientSampleId :
PB169490BS

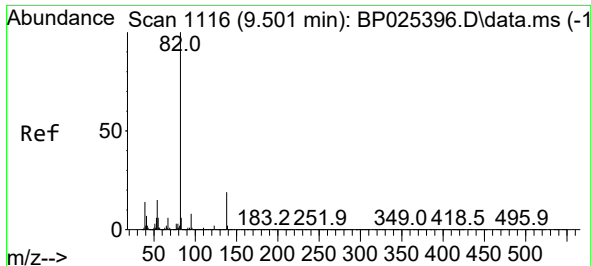
Tgt Ion: 82 Resp: 913792
Ion Ratio Lower Upper
82 100
128 45.7 37.7 56.5
54 52.5 39.8 59.6



#24
Nitrobenzene
Concen: 48.566 ng
RT: 8.955 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 77 Resp: 474485
Ion Ratio Lower Upper
77 100
123 47.3 38.6 58.0
65 14.3 10.6 15.8

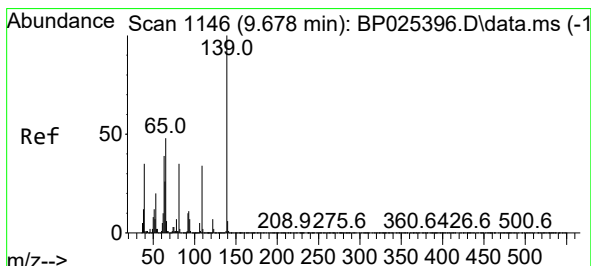
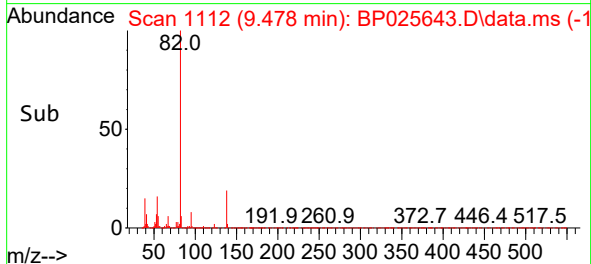
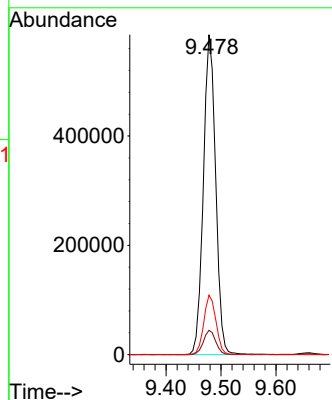
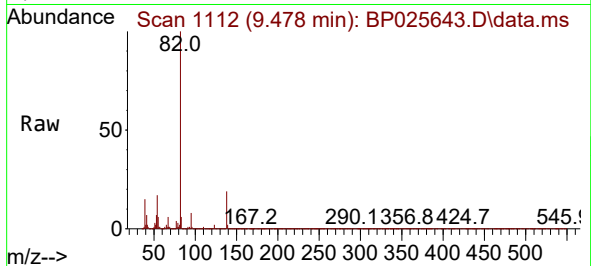




#25
Isophorone
Concen: 46.933 ng
RT: 9.478 min Scan# 1116
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

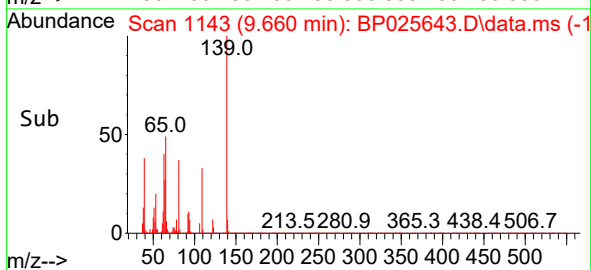
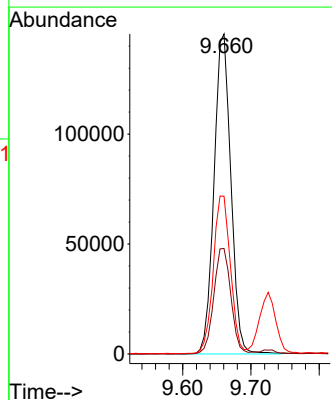
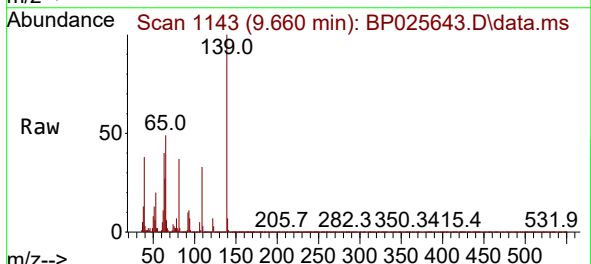
Instrument :
BNA_P
ClientSampleId :
PB169490BS

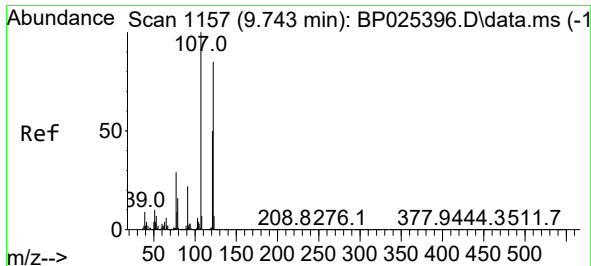
Tgt Ion: 82 Resp: 907986
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.6 15.4 23.0



#26
2-Nitrophenol
Concen: 49.973 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:139 Resp: 250563
Ion Ratio Lower Upper
139 100
109 33.0 26.9 40.3
65 49.3 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 48.413 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

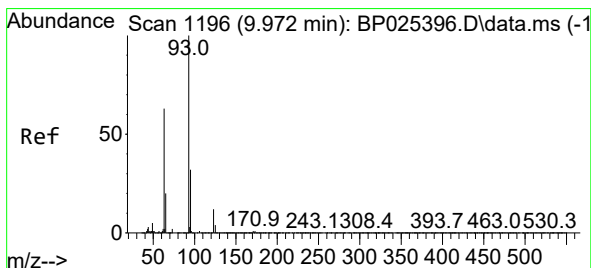
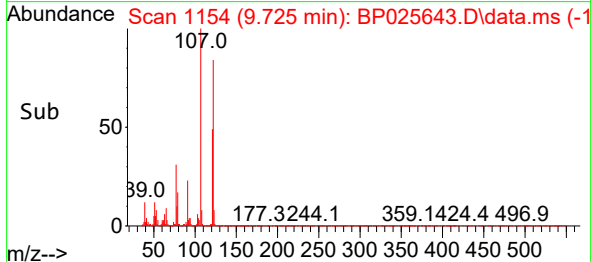
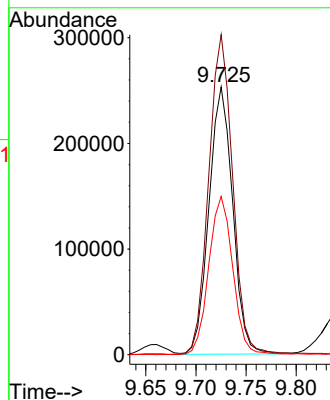
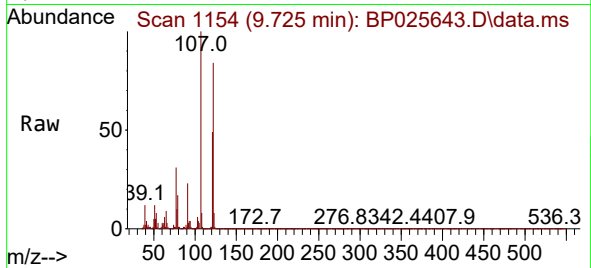
Tgt Ion:122 Resp: 417443

Ion Ratio Lower Upper

122 100

107 119.5 93.7 140.5

121 59.1 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.940 ng

RT: 9.949 min Scan# 1192

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

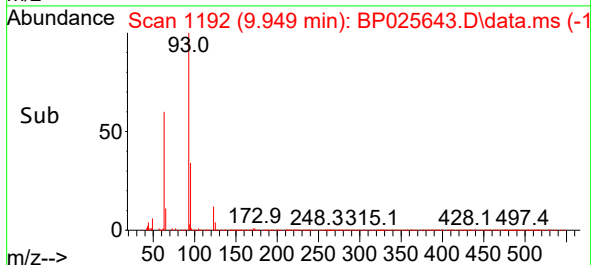
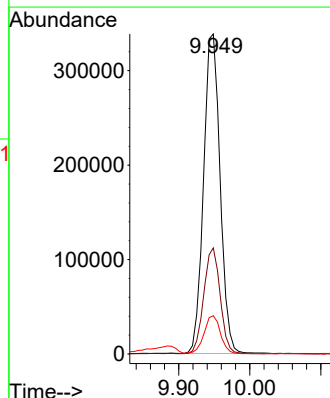
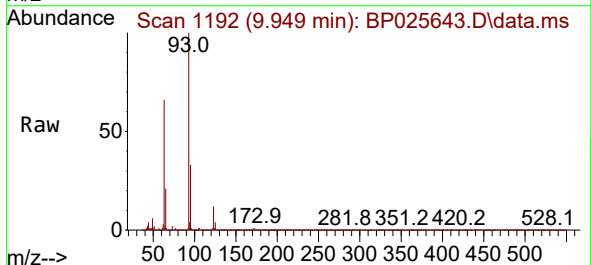
Tgt Ion: 93 Resp: 548944

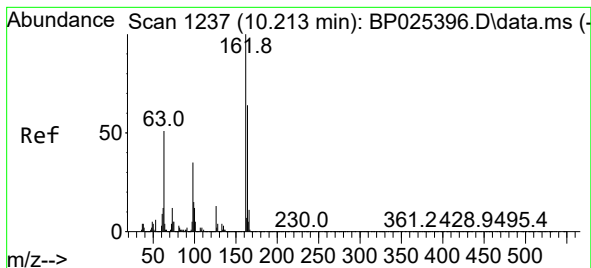
Ion Ratio Lower Upper

93 100

95 33.2 25.4 38.0

123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.731 ng

RT: 10.196 min Scan# 1234

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

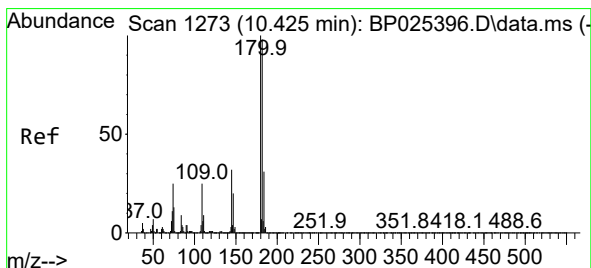
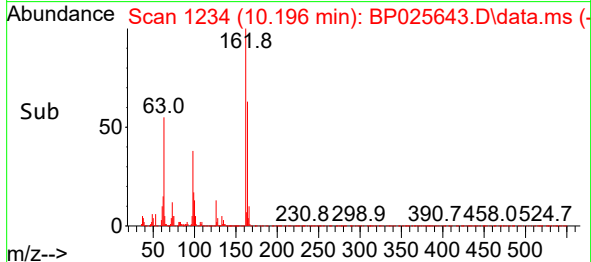
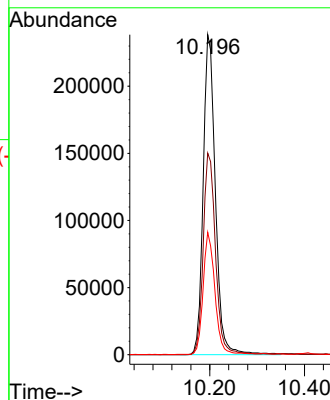
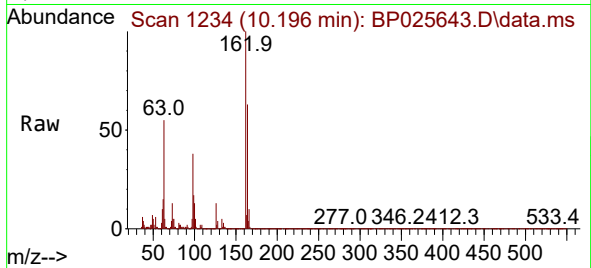
Tgt Ion:162 Resp: 425969

Ion Ratio Lower Upper

162 100

164 63.0 44.4 84.4

98 38.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.084 ng

RT: 10.402 min Scan# 1269

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

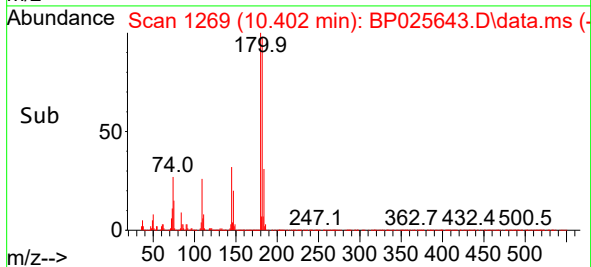
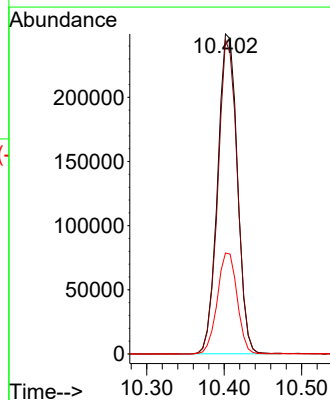
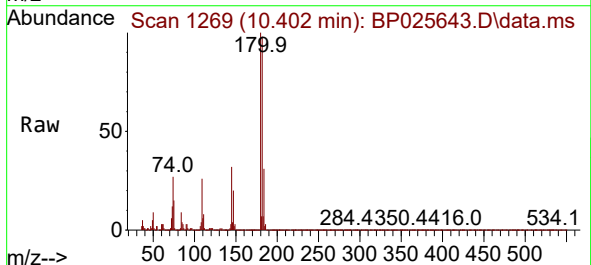
Tgt Ion:180 Resp: 442104

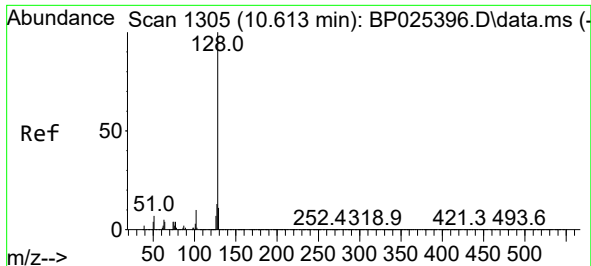
Ion Ratio Lower Upper

180 100

182 98.2 78.0 117.0

145 31.5 25.9 38.9

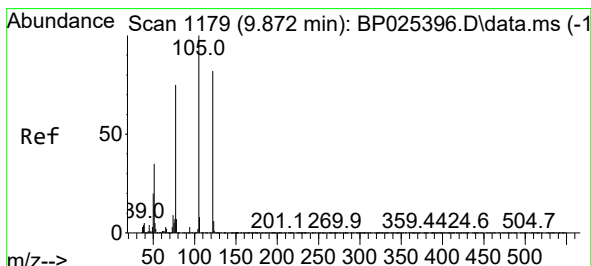
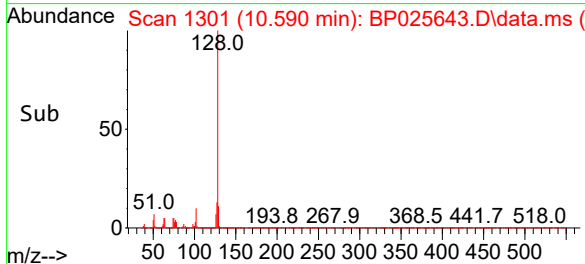
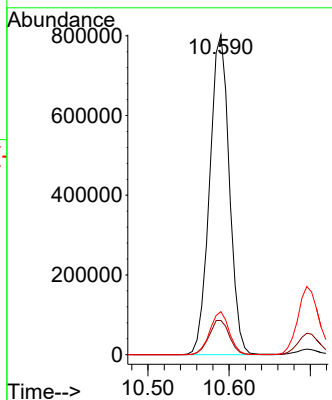
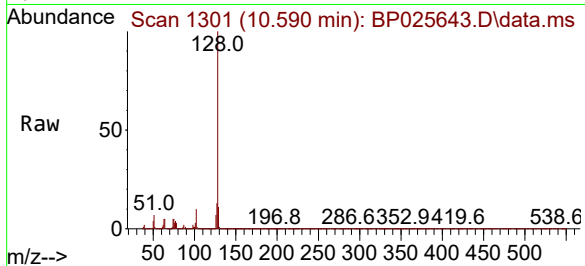




#31
Naphthalene
Concen: 47.018 ng
RT: 10.590 min Scan# 1182
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

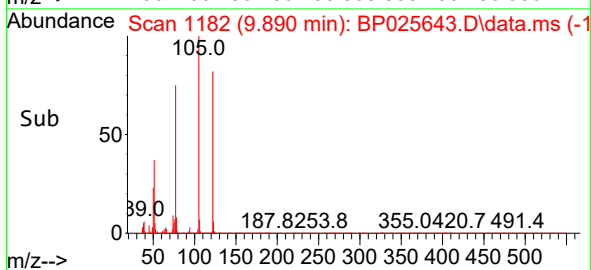
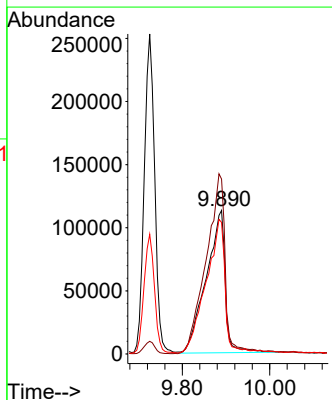
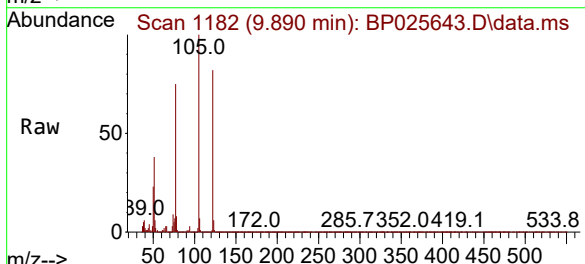
Instrument :
BNA_P
ClientSampleId :
PB169490BS

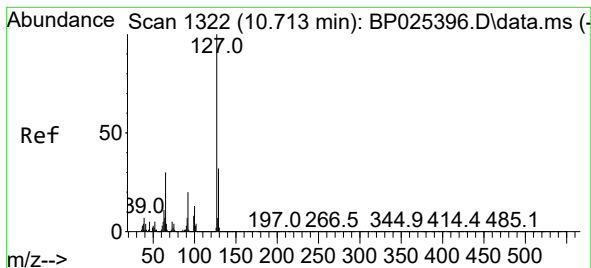
Tgt Ion:128 Resp: 1351381
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 53.587 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:122 Resp: 341124
Ion Ratio Lower Upper
122 100
105 121.9 100.6 140.6
77 91.7 71.5 111.5





#33

4-Chloroaniline

Concen: 25.318 ng

RT: 10.696 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

Tgt Ion:127 Resp: 321432

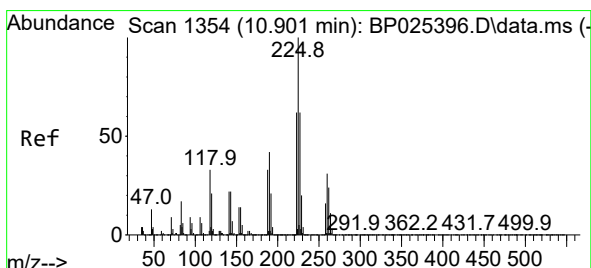
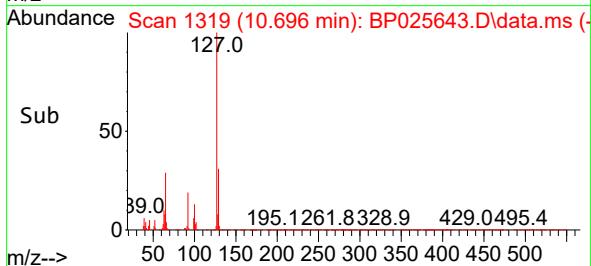
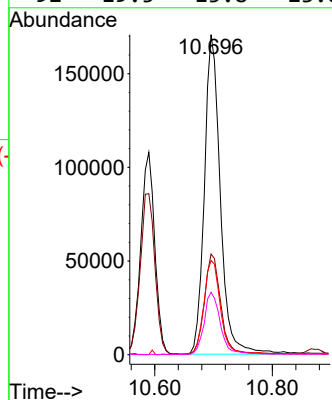
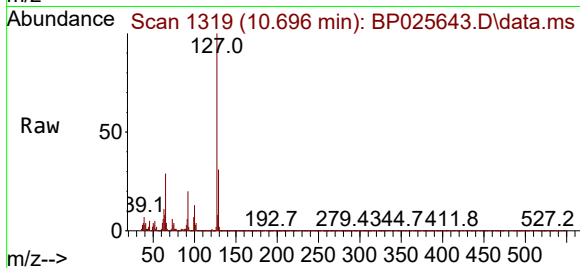
Ion Ratio Lower Upper

127 100

129 31.5 25.4 38.2

65 29.5 23.8 35.6

92 19.5 15.8 23.8



#34

Hexachlorobutadiene

Concen: 49.318 ng

RT: 10.872 min Scan# 1349

Delta R.T. -0.029 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

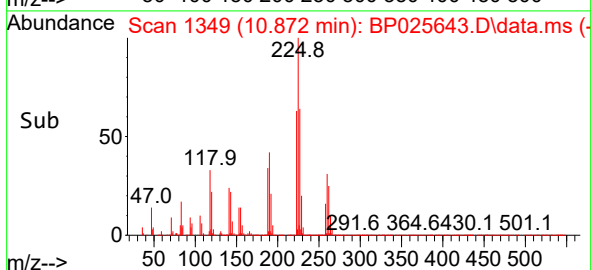
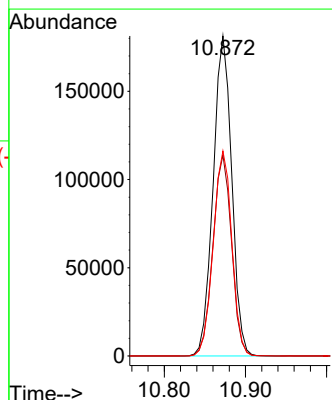
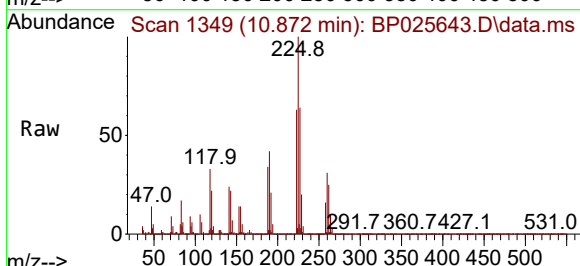
Tgt Ion:225 Resp: 288397

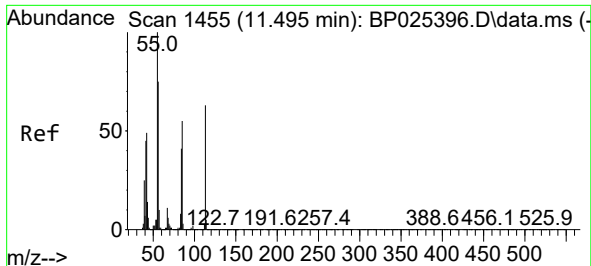
Ion Ratio Lower Upper

225 100

223 62.8 50.0 75.0

227 64.0 49.7 74.5

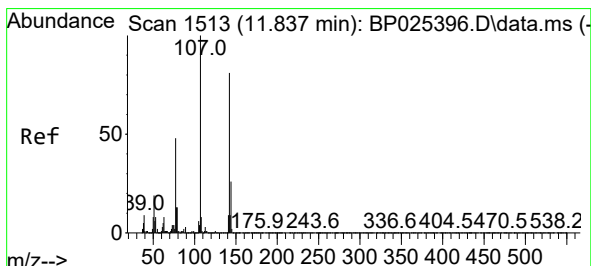
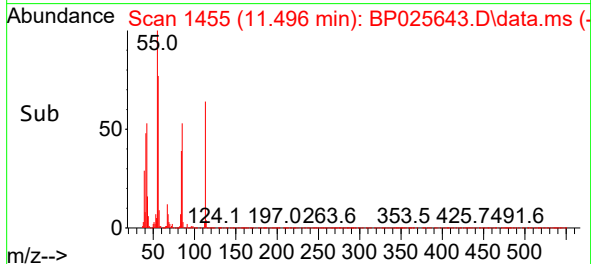
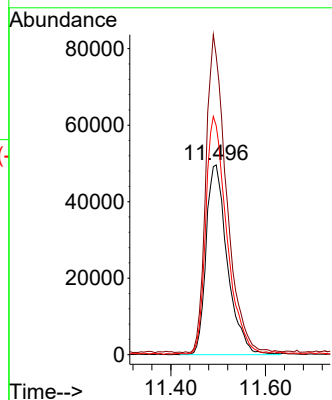
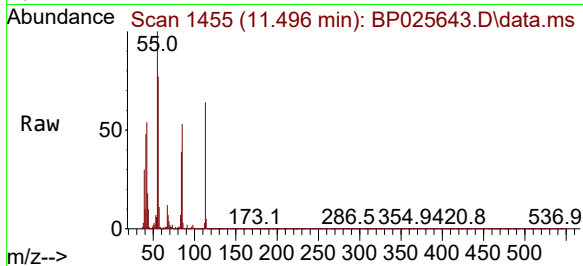




#35
Caprolactam
Concen: 49.151 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

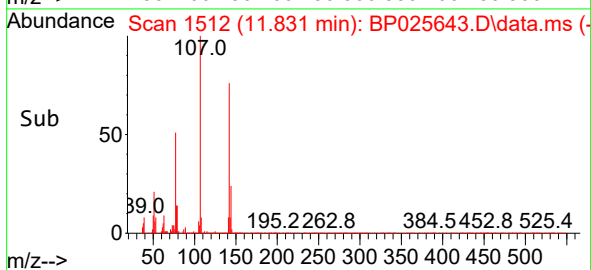
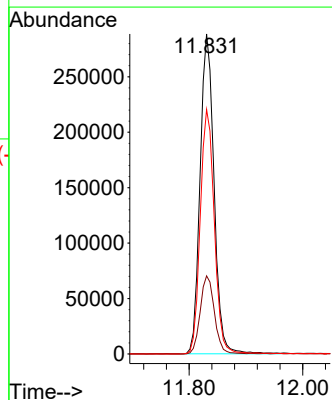
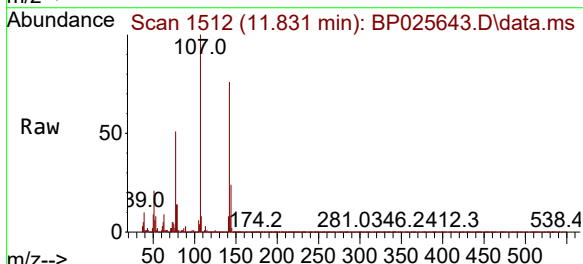
Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:113 Resp: 154376
Ion Ratio Lower Upper
113 100
55 157.4 140.0 180.0
56 120.6 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 50.162 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:107 Resp: 493029
Ion Ratio Lower Upper
107 100
144 24.4 21.0 31.4
142 76.4 64.6 97.0

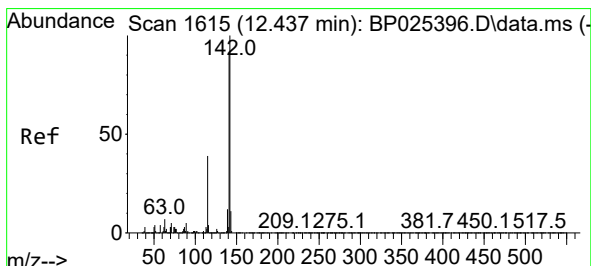
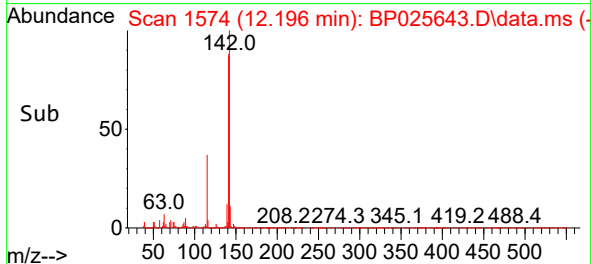
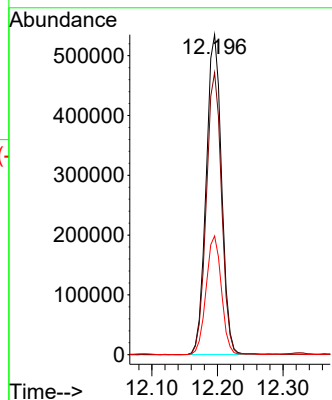
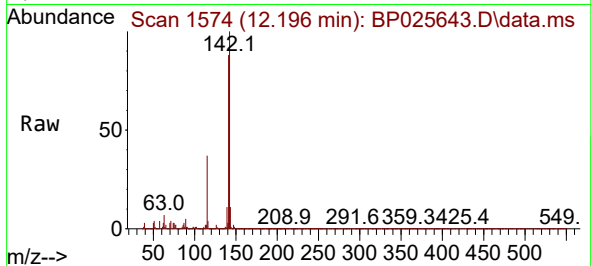




#37
2-Methylnaphthalene
Concen: 46.696 ng
RT: 12.196 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

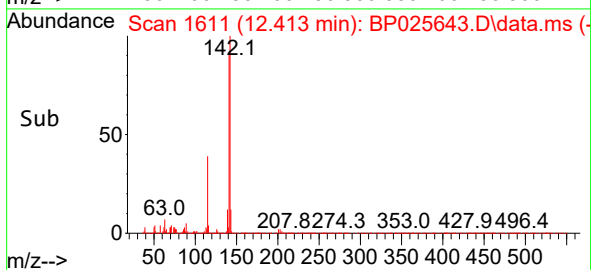
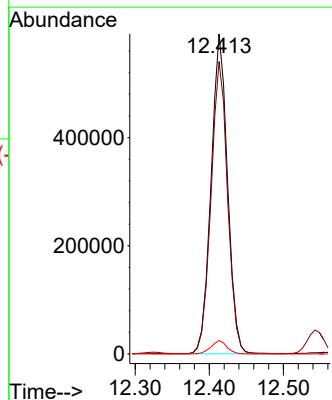
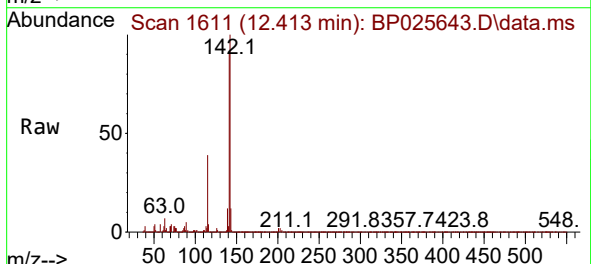
Instrument :
BNA_P
ClientSampleId :
PB169490BS

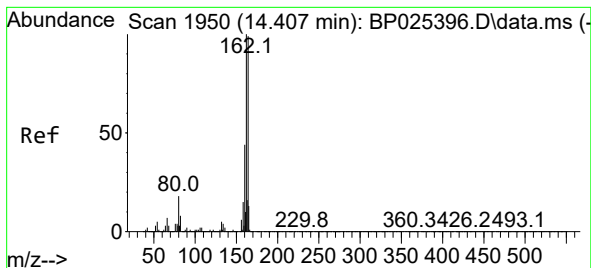
Tgt Ion:142 Resp: 873424
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 37.1 28.9 43.3



#38
1-Methylnaphthalene
Concen: 45.723 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:142 Resp: 909488
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.384 min Scan# 1950

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

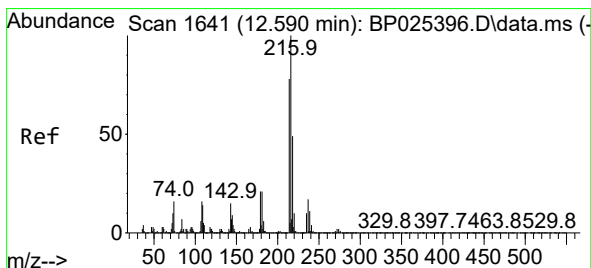
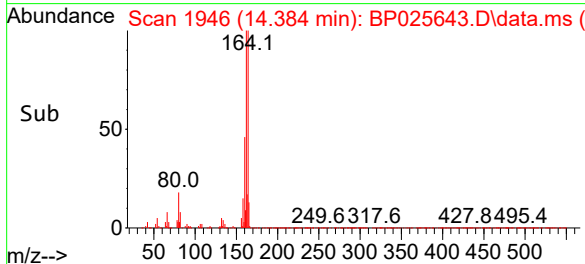
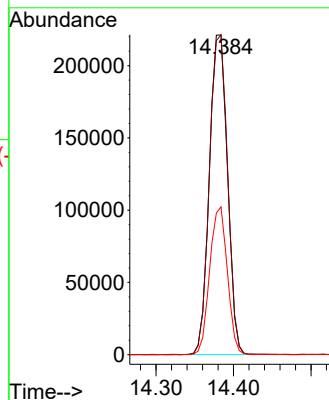
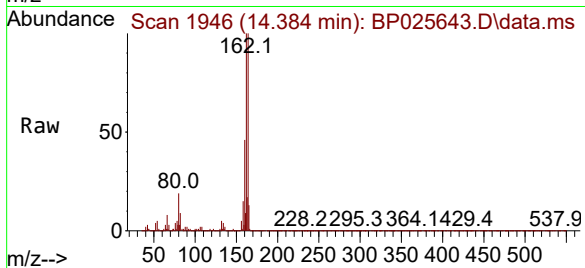
Tgt Ion:164 Resp: 359421

Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.6

160 46.3 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.359 ng

RT: 12.566 min Scan# 1637

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Tgt Ion:216 Resp: 501988

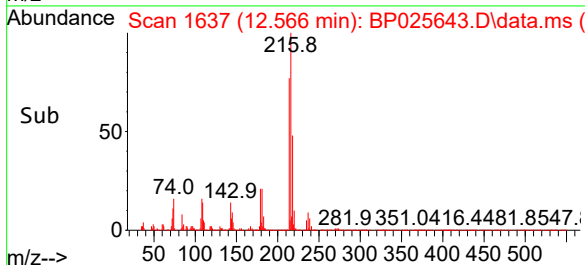
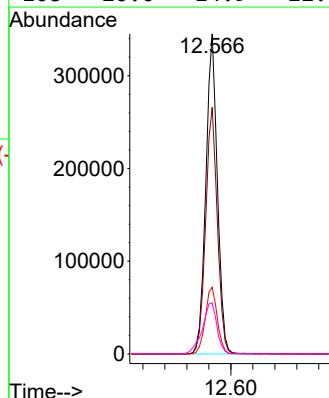
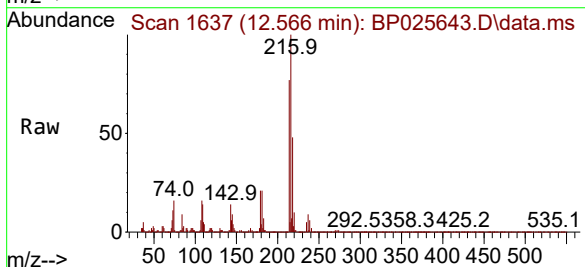
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 21.8 17.1 25.7

108 20.0 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 90.278 ng

RT: 12.543 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

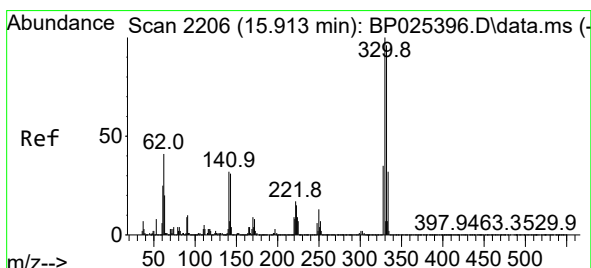
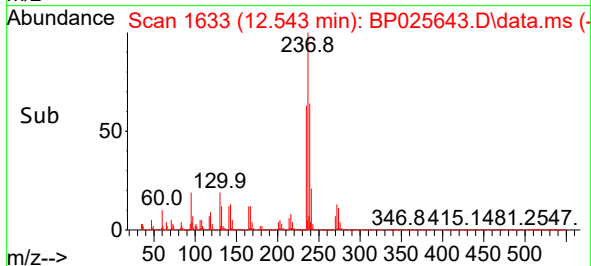
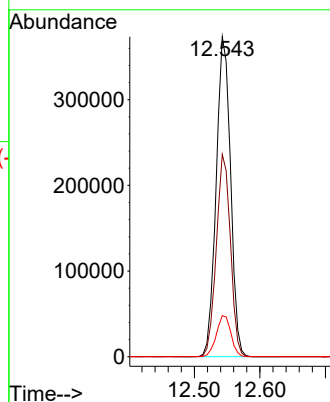
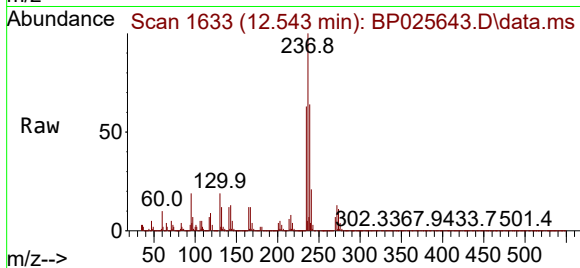
Tgt Ion:237 Resp: 566065

Ion Ratio Lower Upper

237 100

235 63.2 42.7 82.7

272 12.8 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 144.519 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

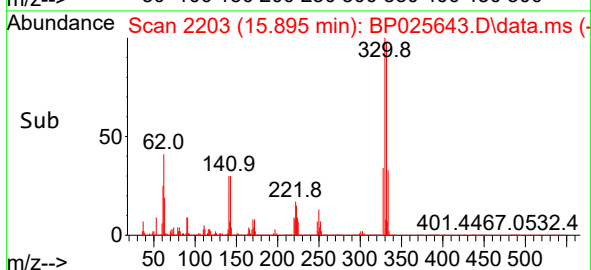
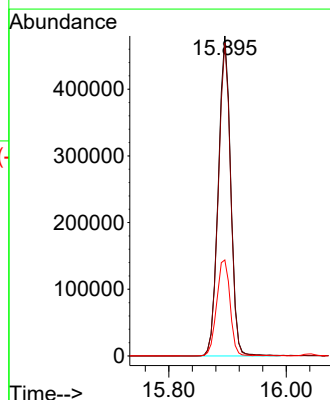
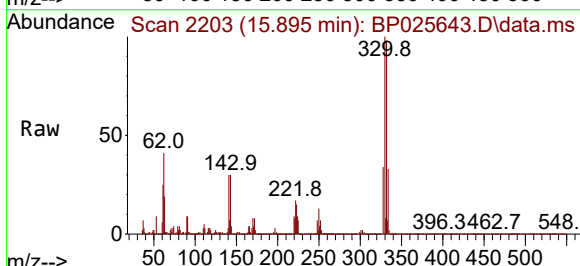
Tgt Ion:330 Resp: 699158

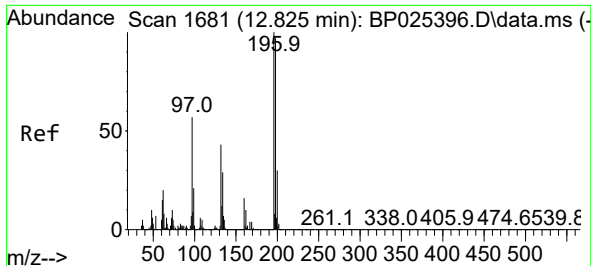
Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

141 32.4 26.6 39.8

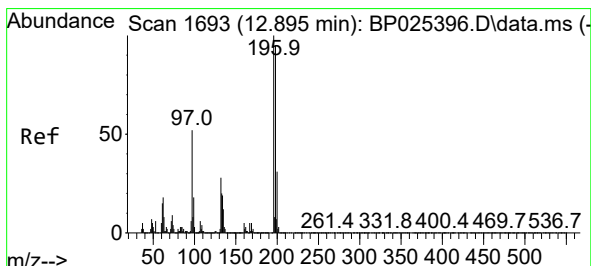
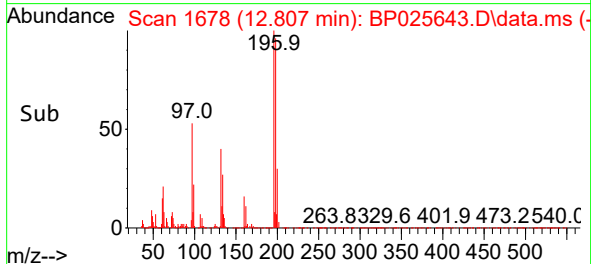
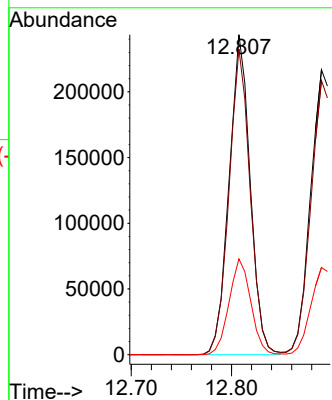
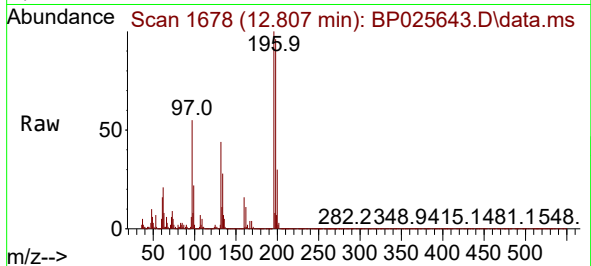




#43
2,4,6-Trichlorophenol
Concen: 50.777 ng
RT: 12.807 min Scan# 1681
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

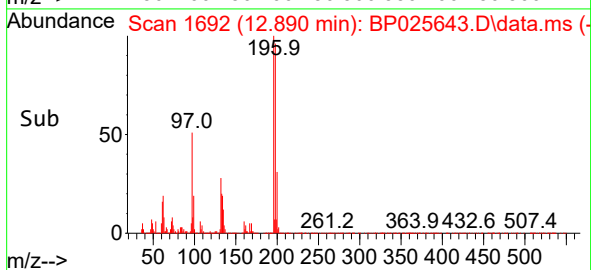
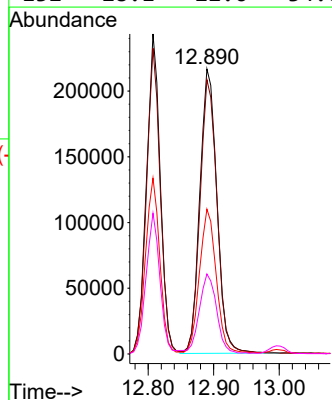
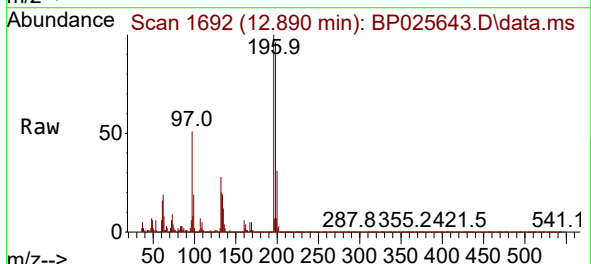
Instrument :
BNA_P
ClientSampleId :
PB169490BS

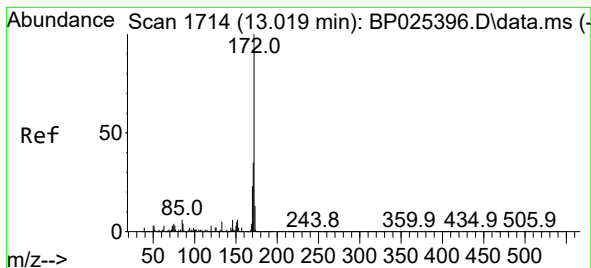
Tgt Ion:196 Resp: 355841
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
200 29.9 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 51.241 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:196 Resp: 393559
Ion Ratio Lower Upper
196 100
198 96.3 76.2 114.2
97 50.8 41.2 61.8
132 28.1 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 81.652 ng

RT: 12.996 min Scan# 1710

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

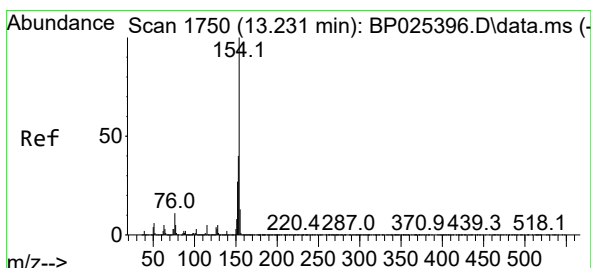
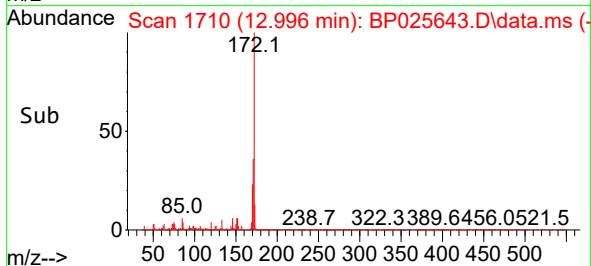
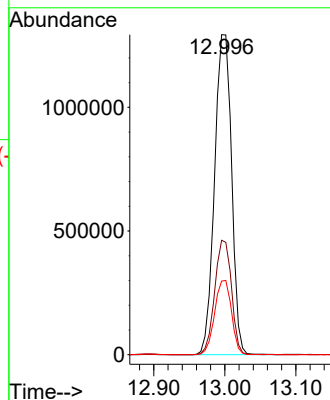
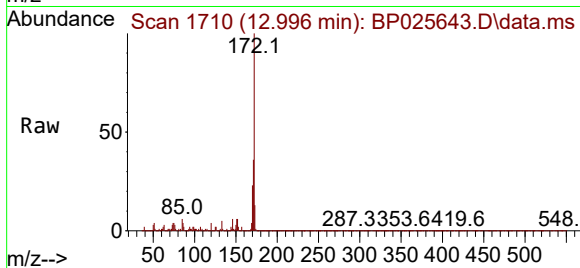
Tgt Ion:172 Resp: 2147339

Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.919 ng

RT: 13.207 min Scan# 1746

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

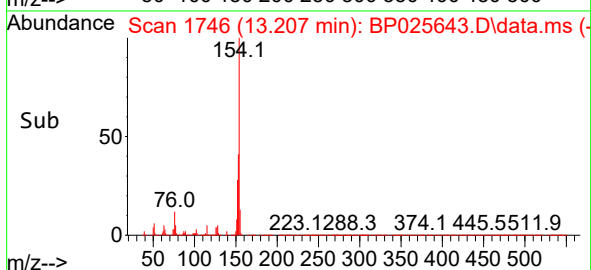
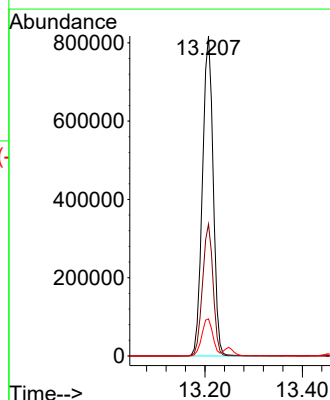
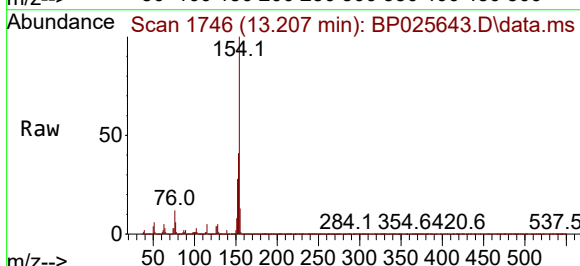
Tgt Ion:154 Resp: 1250837

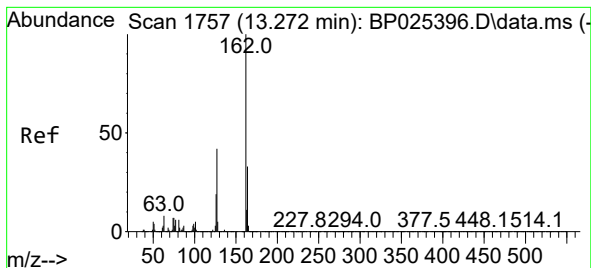
Ion Ratio Lower Upper

154 100

153 41.2 19.5 59.5

76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 47.112 ng

RT: 13.248 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

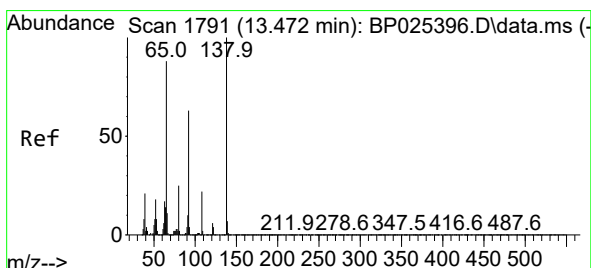
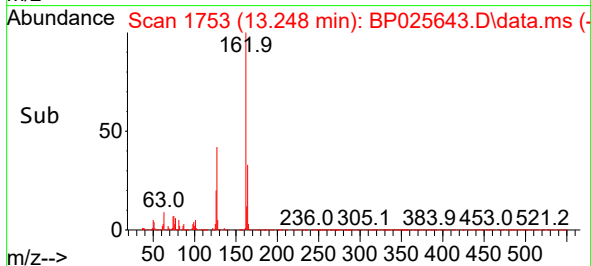
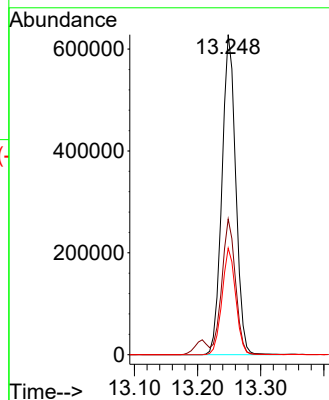
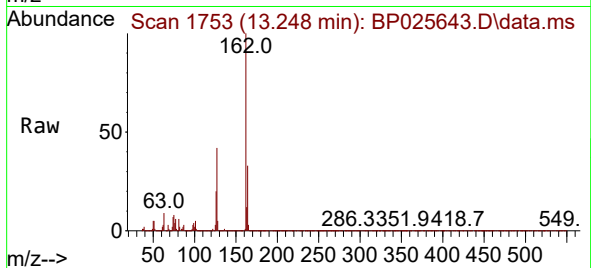
Tgt Ion:162 Resp: 957373

Ion Ratio Lower Upper

162 100

127 42.4 33.4 50.2

164 33.3 26.2 39.2



#48

2-Nitroaniline

Concen: 53.446 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

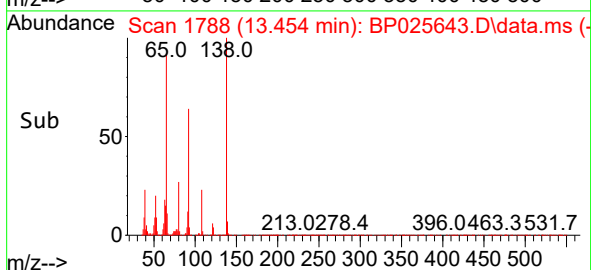
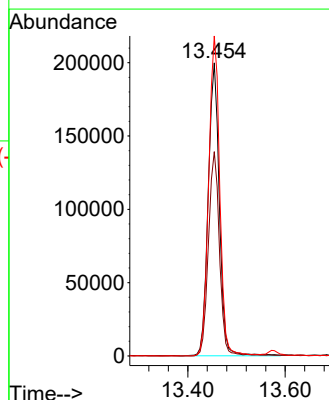
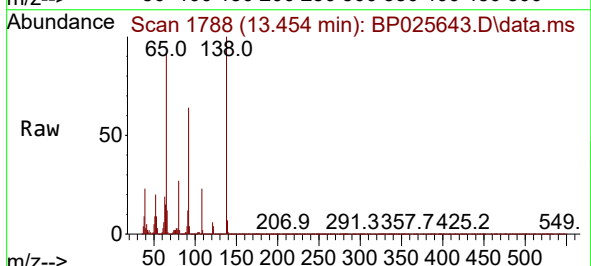
Tgt Ion: 65 Resp: 316460

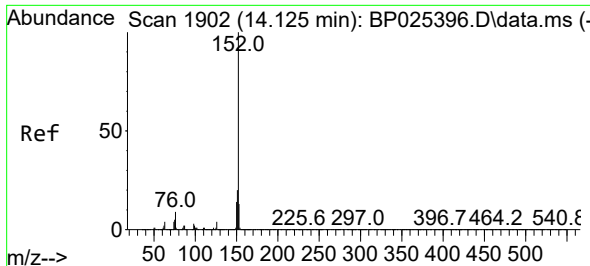
Ion Ratio Lower Upper

65 100

92 69.7 57.6 86.4

138 109.2 91.0 136.6

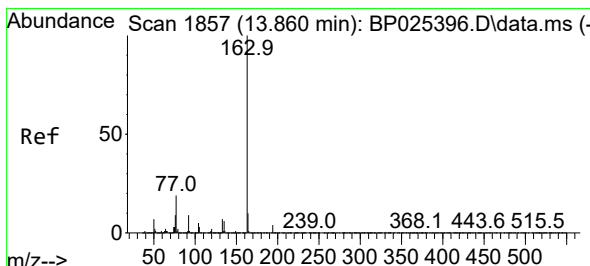
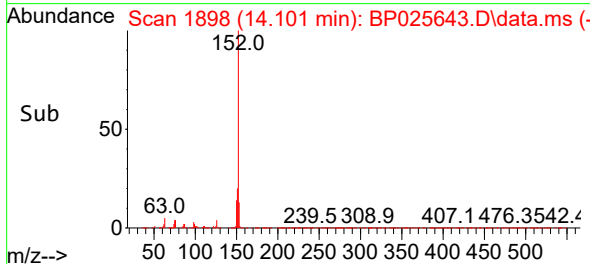
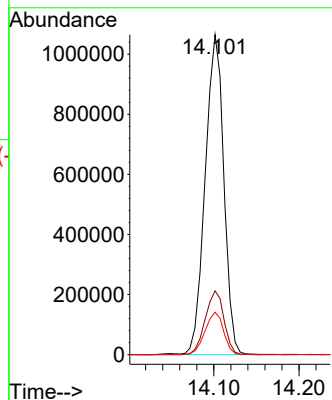
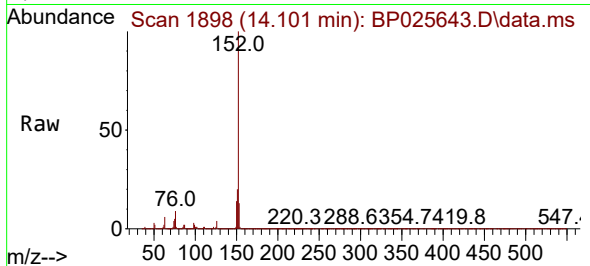




#49
Acenaphthylene
Concen: 47.990 ng
RT: 14.101 min Scan# 1898
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

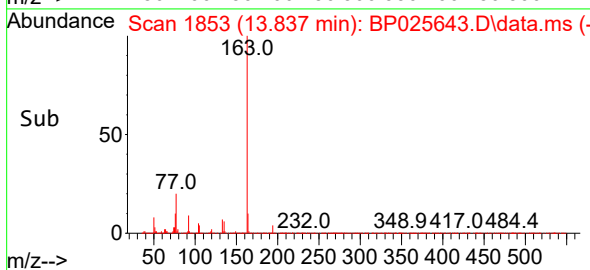
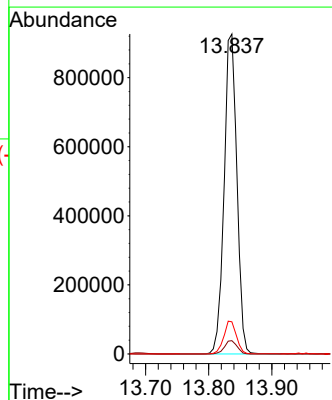
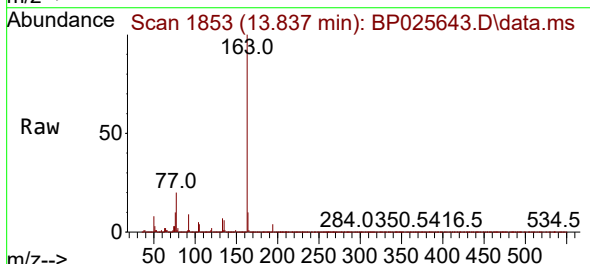
Instrument :
BNA_P
ClientSampleId :
PB169490BS

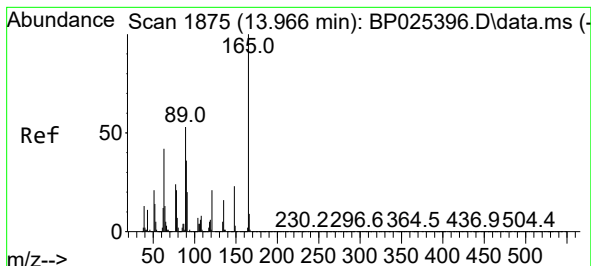
Tgt Ion:152 Resp: 1613684
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 49.463 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:163 Resp: 1301867
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 7.9 11.9

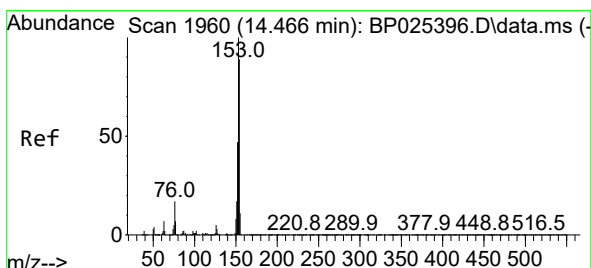
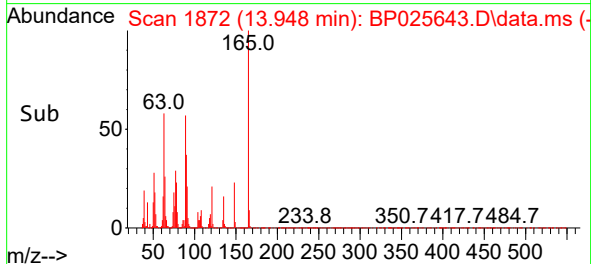
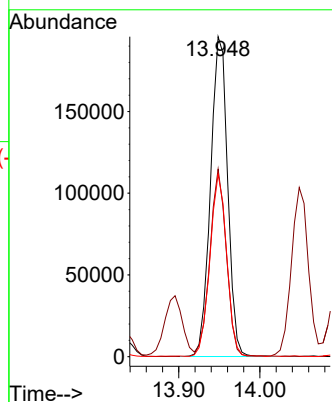
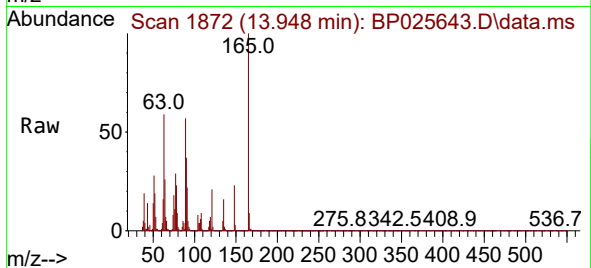




#51
2,6-Dinitrotoluene
Concen: 51.516 ng
RT: 13.948 min Scan# 1875
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

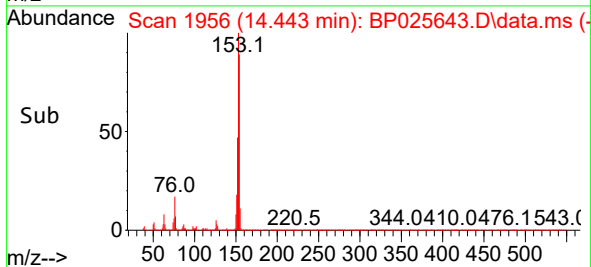
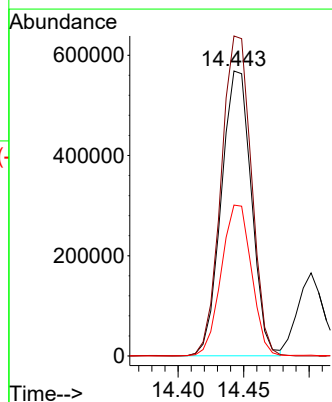
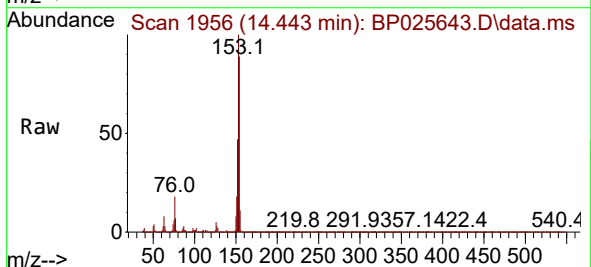
Instrument :
BNA_P
ClientSampleId :
PB169490BS

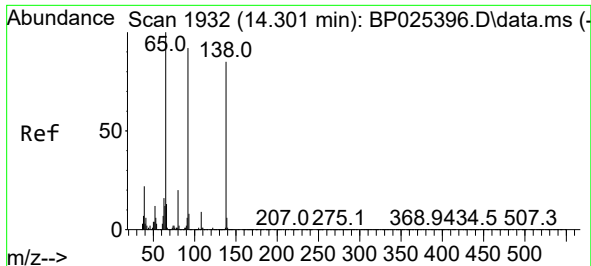
Tgt Ion:165 Resp: 285785
Ion Ratio Lower Upper
165 100
63 58.6 40.9 61.3
89 57.1 42.1 63.1



#52
Acenaphthene
Concen: 46.015 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:154 Resp: 908221
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 52.9 42.1 63.1

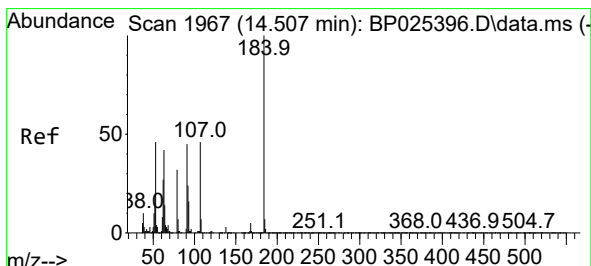
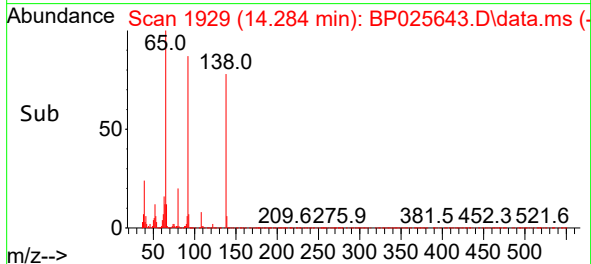
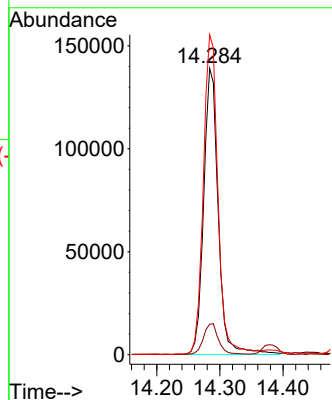
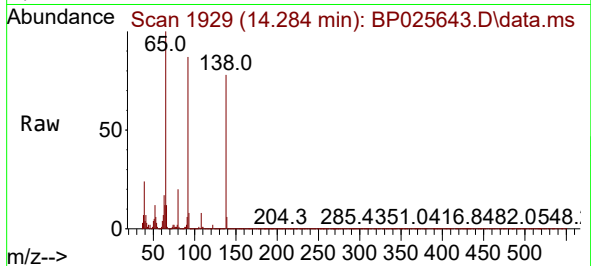




#53
3-Nitroaniline
Concen: 35.689 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

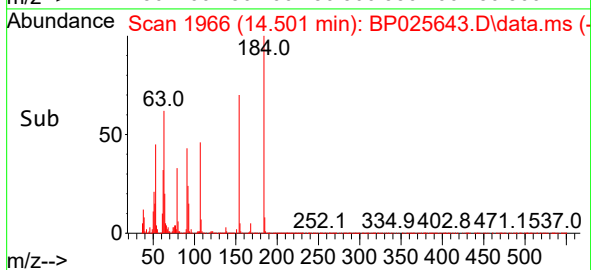
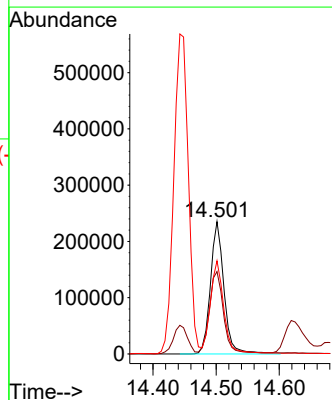
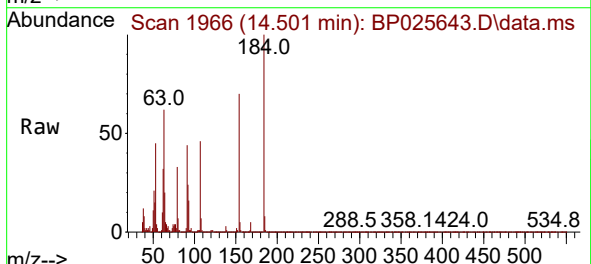
Instrument :
BNA_P
ClientSampleId :
PB169490BS

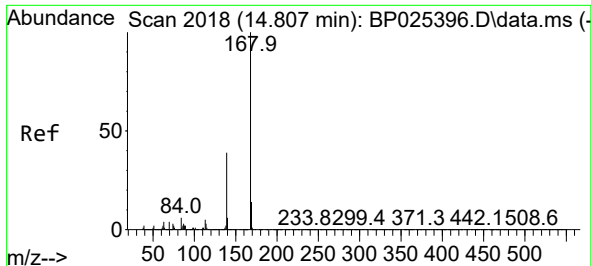
Tgt Ion:138 Resp: 222750
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 111.8 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 118.350 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:184 Resp: 350614
Ion Ratio Lower Upper
184 100
63 62.3 49.4 74.2
154 70.4 54.6 82.0

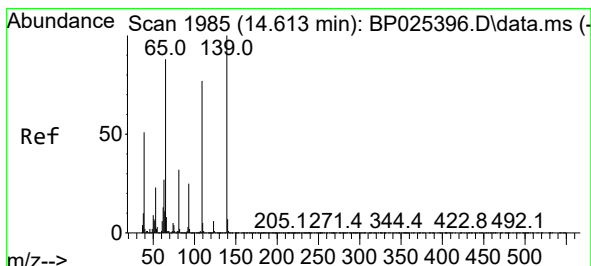
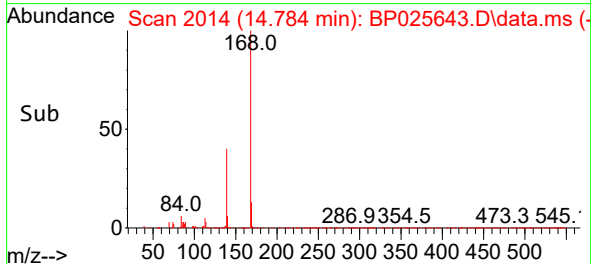
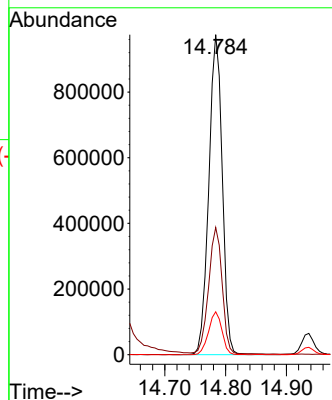
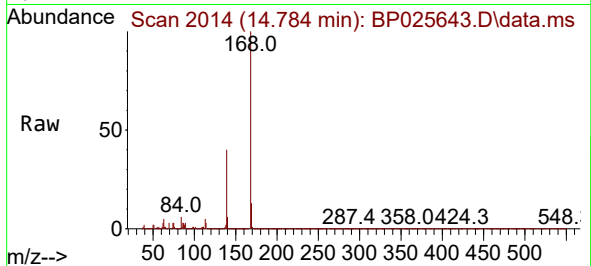




#55
Dibenzofuran
Concen: 47.748 ng
RT: 14.784 min Scan# 2018
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

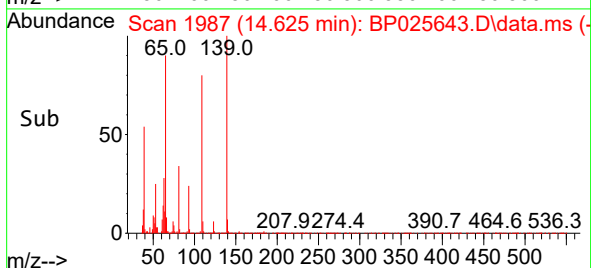
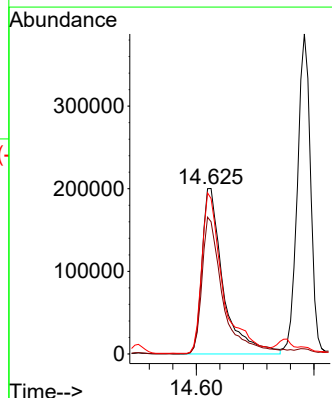
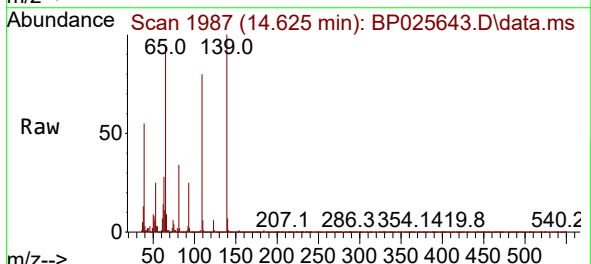
Instrument :
BNA_P
ClientSampleId :
PB169490BS

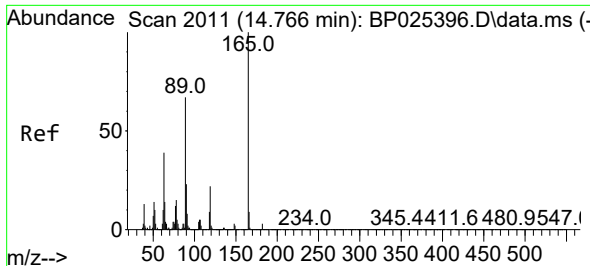
Tgt Ion:168 Resp: 1490001
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 97.610 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:139 Resp: 500627
Ion Ratio Lower Upper
139 100
109 79.9 56.6 96.6
65 93.9 68.2 108.2

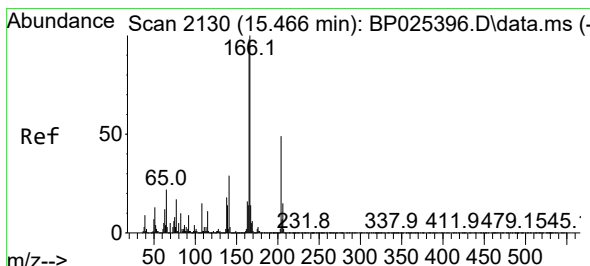
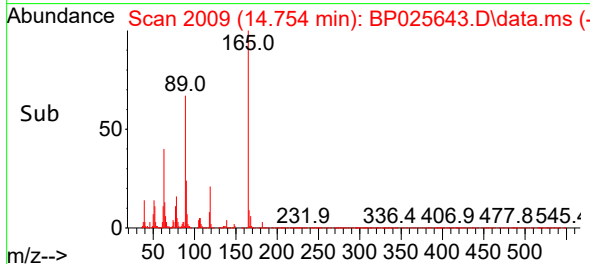
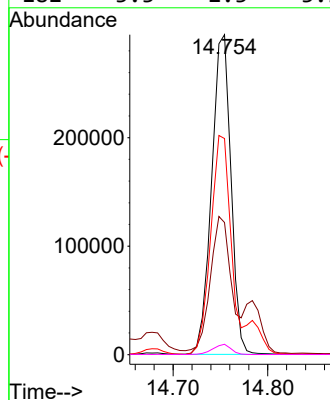
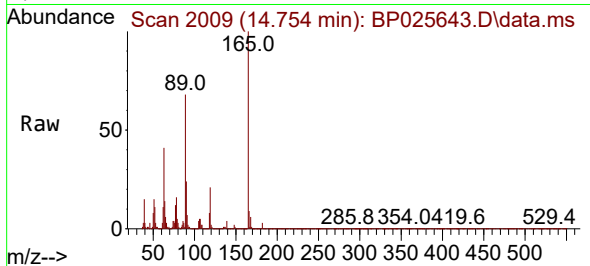




#57
2,4-Dinitrotoluene
Concen: 52.869 ng
RT: 14.754 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

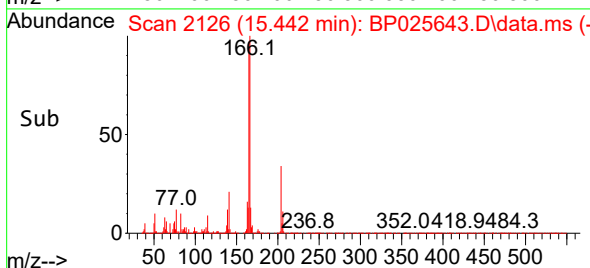
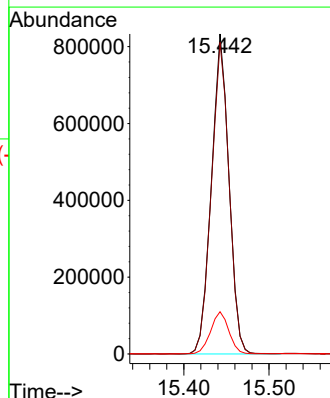
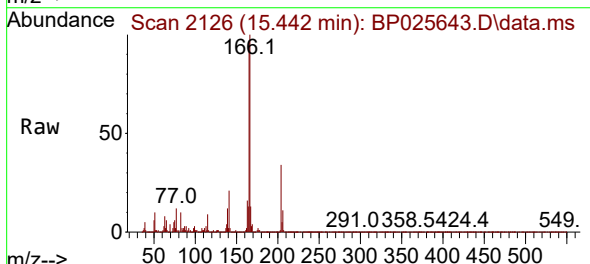
Instrument :
BNA_P
ClientSampleId :
PB169490BS

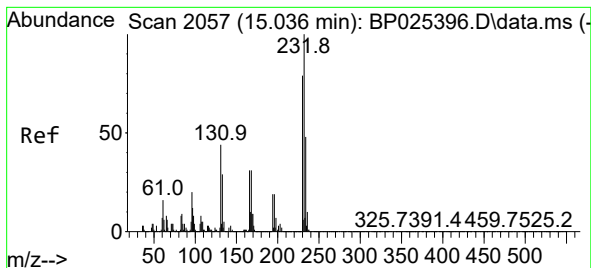
Tgt Ion:165 Resp: 418449
Ion Ratio Lower Upper
165 100
63 41.3 31.4 47.2
89 67.6 53.3 79.9
182 3.3 2.3 3.5



#58
Fluorene
Concen: 48.324 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:166 Resp: 1189895
Ion Ratio Lower Upper
166 100
165 97.4 78.8 118.2
167 13.2 11.0 16.4

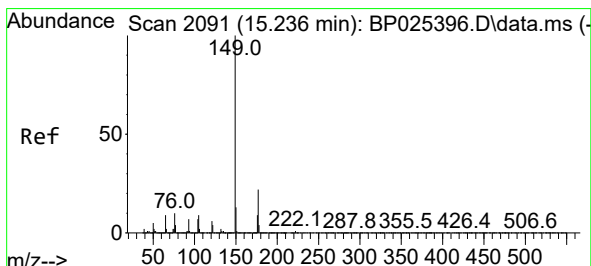
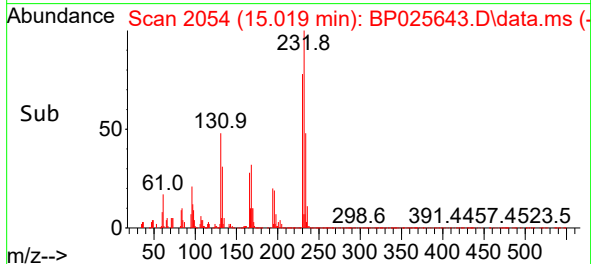
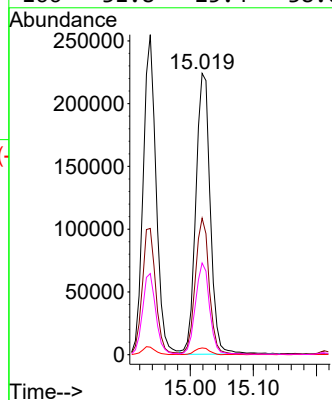
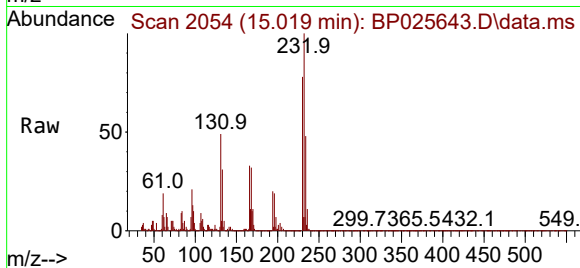




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.308 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

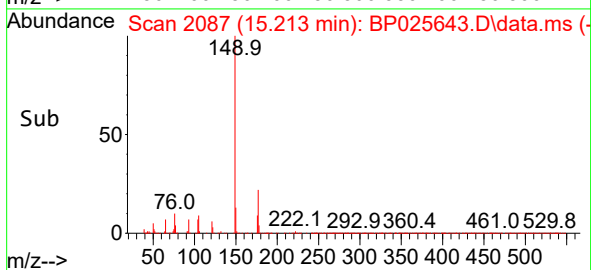
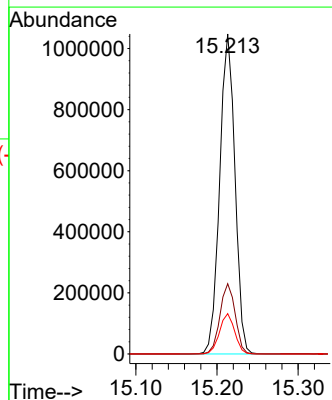
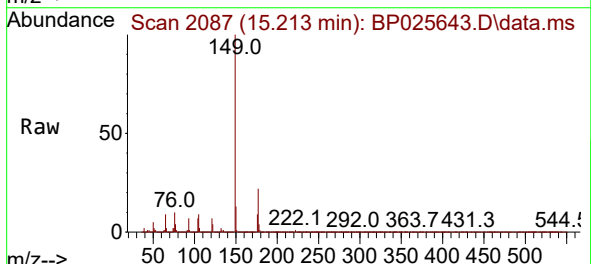
Instrument :
BNA_P
ClientSampleId :
PB169490BS

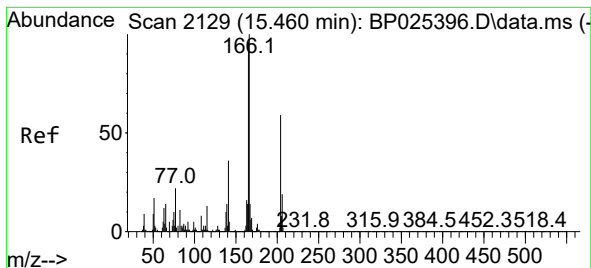
Tgt Ion:232 Resp: 354740
Ion Ratio Lower Upper
232 100
131 45.9 37.0 55.6
130 2.5 1.9 2.9
166 31.8 25.4 38.0



#60
Diethylphthalate
Concen: 51.304 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:149 Resp: 1372072
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.6 10.3 15.5

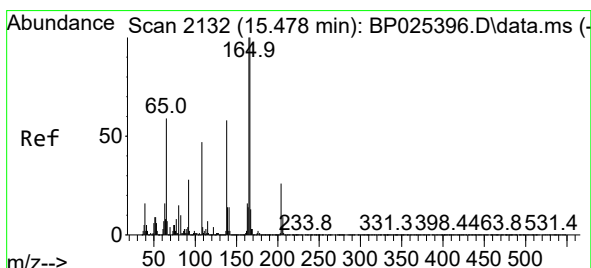
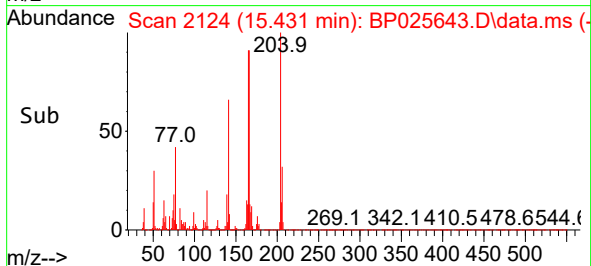
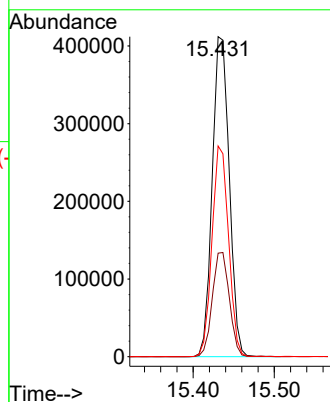
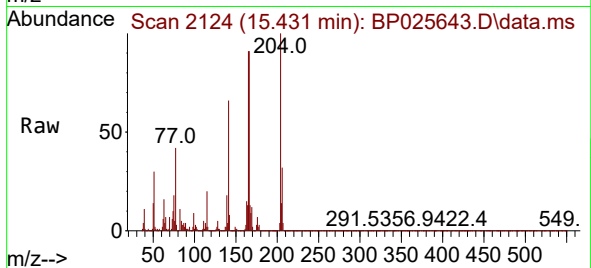




#61
4-Chlorophenyl-phenylether
Concen: 48.934 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

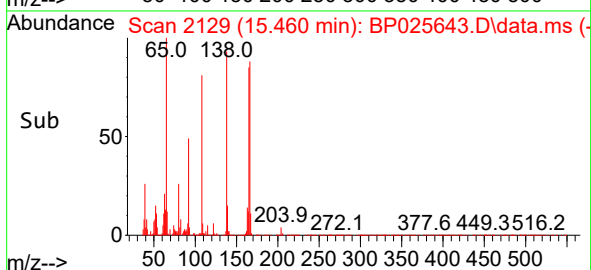
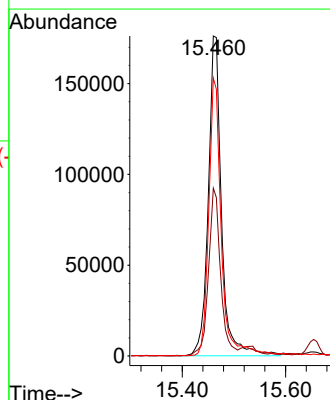
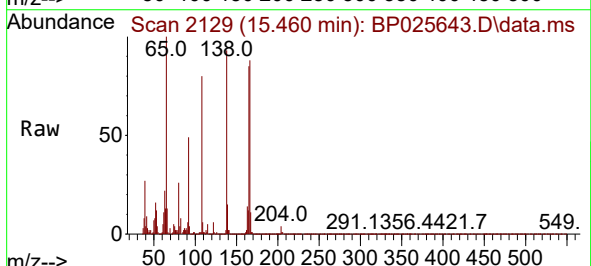
Instrument :
BNA_P
ClientSampleId :
PB169490BS

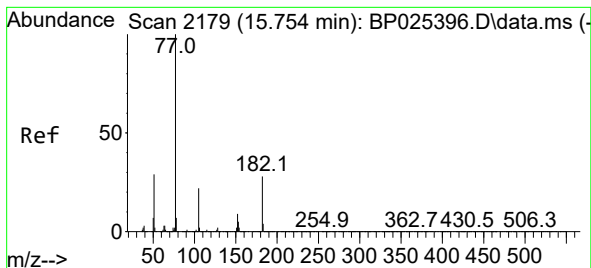
Tgt Ion:204 Resp: 599245
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 65.9 49.4 74.2



#62
4-Nitroaniline
Concen: 48.976 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:138 Resp: 313379
Ion Ratio Lower Upper
138 100
92 52.4 29.1 69.1
108 86.9 61.5 101.5





#63

Azobenzene

Concen: 51.593 ng

RT: 15.731 min Scan# 2175

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

Tgt Ion: 77 Resp: 1181456

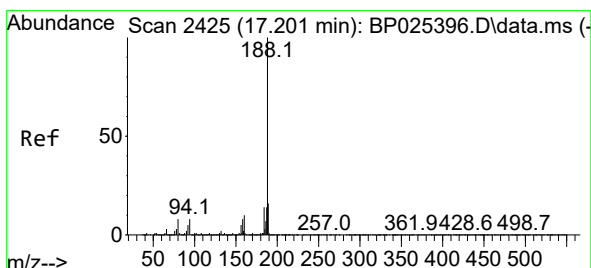
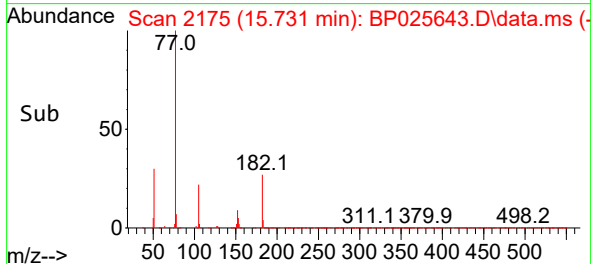
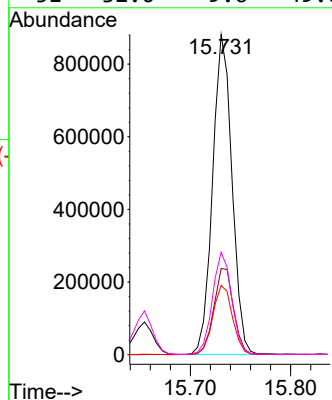
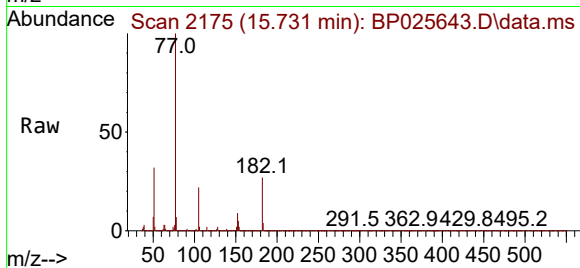
Ion Ratio Lower Upper

77 100

182 26.9 7.5 47.5

105 21.7 2.1 42.1

51 32.0 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 2421

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

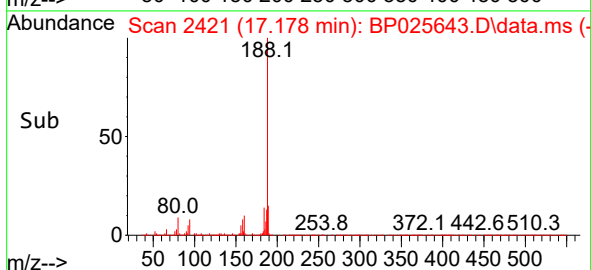
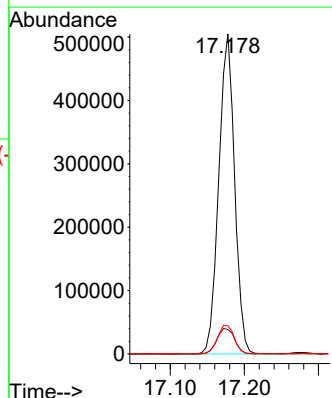
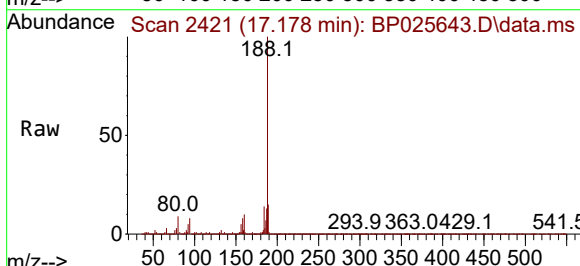
Tgt Ion:188 Resp: 750779

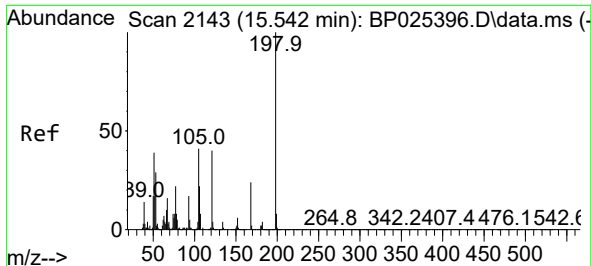
Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

80 8.8 6.7 10.1

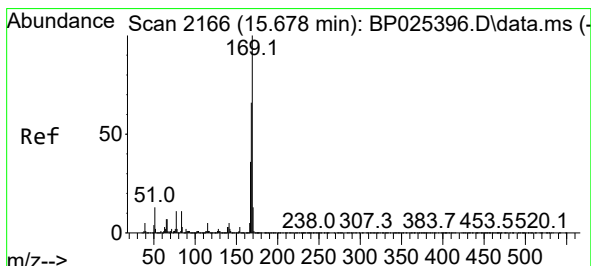
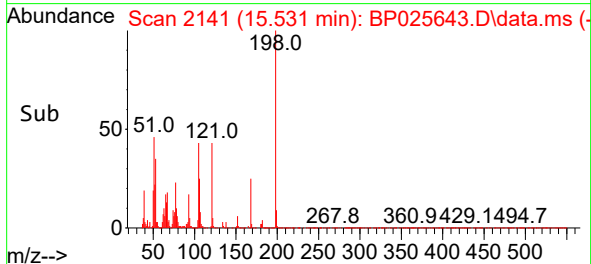
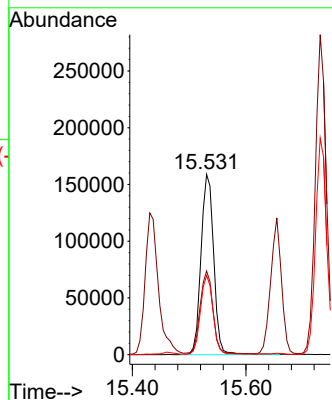
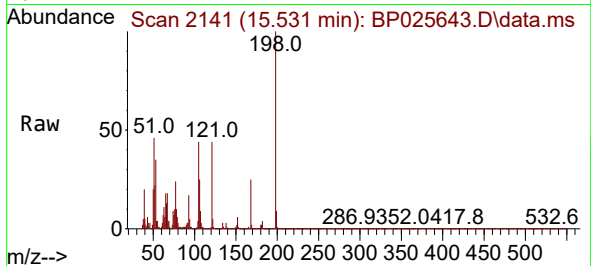




#65
4,6-Dinitro-2-methylphenol
Concen: 52.917 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

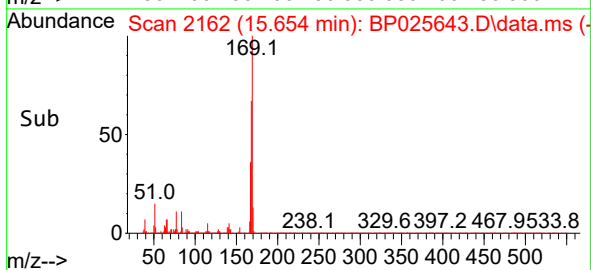
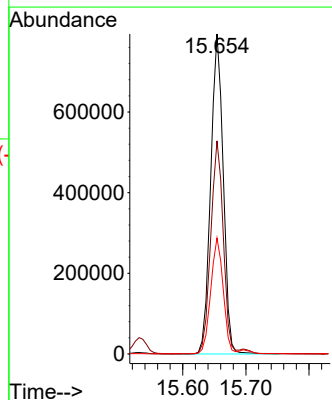
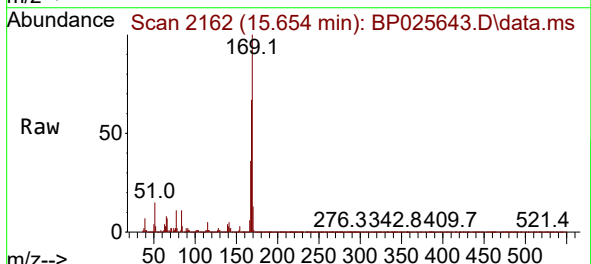
Instrument :
BNA_P
ClientSampleId :
PB169490BS

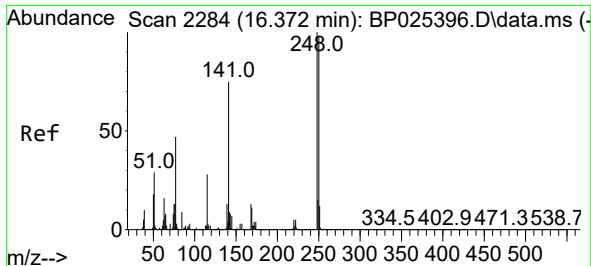
Tgt Ion:198 Resp: 247653
Ion Ratio Lower Upper
198 100
51 46.4 19.6 59.6
105 43.9 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 47.850 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:169 Resp: 1095502
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.2 28.7 43.1

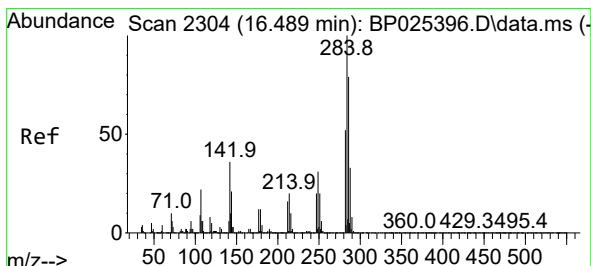
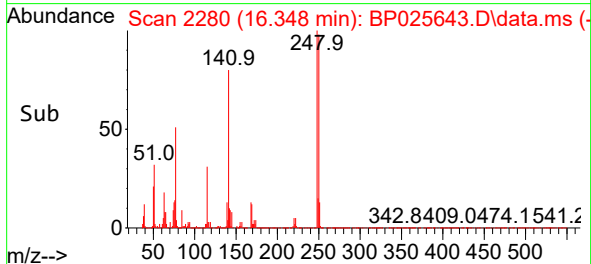
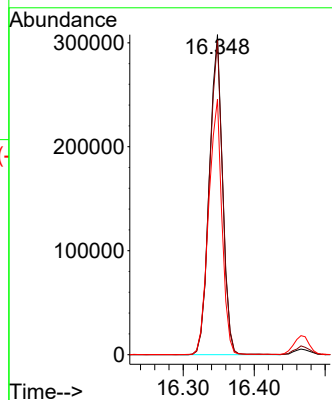
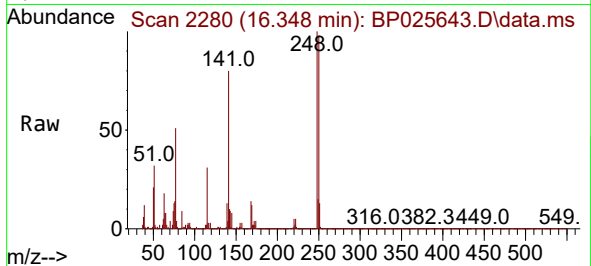




#67
4-Bromophenyl-phenylether
Concen: 48.451 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

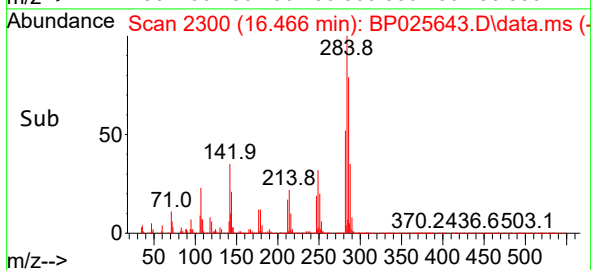
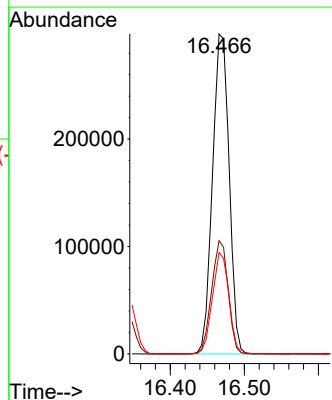
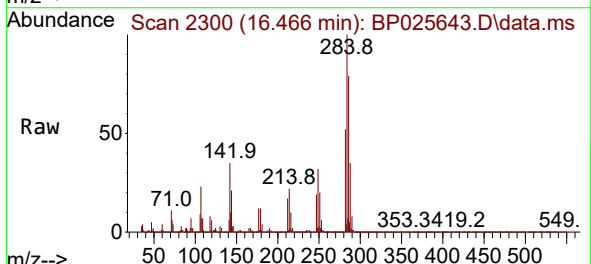
Instrument :
BNA_P
ClientSampleId :
PB169490BS

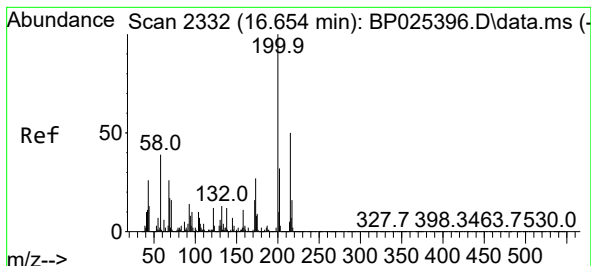
Tgt Ion:248 Resp: 400071
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.2
141 79.9 59.6 89.4



#68
Hexachlorobenzene
Concen: 48.507 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:284 Resp: 464294
Ion Ratio Lower Upper
284 100
142 35.4 29.1 43.7
249 31.7 25.0 37.4





#69

Atrazine

Concen: 50.576 ng

RT: 16.631 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

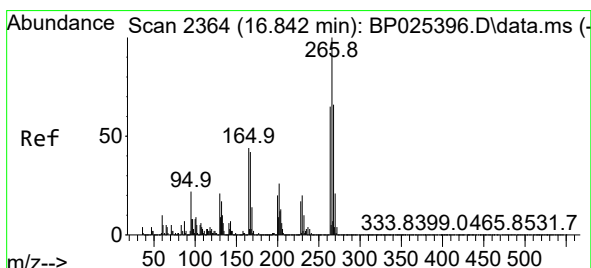
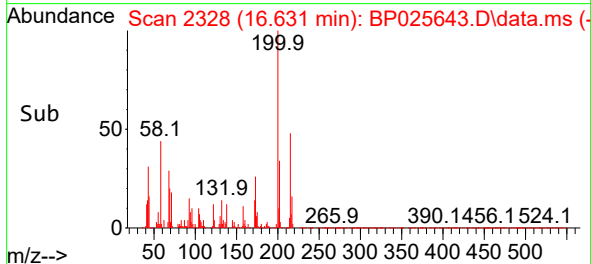
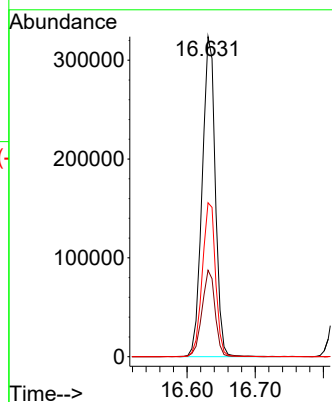
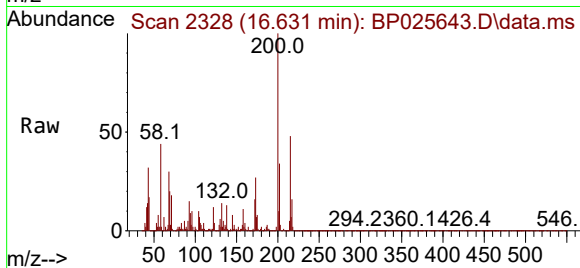
Tgt Ion:200 Resp: 433636

Ion Ratio Lower Upper

200 100

173 27.0 6.7 46.7

215 48.1 29.7 69.7



#70

Pentachlorophenol

Concen: 104.221 ng

RT: 16.825 min Scan# 2361

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

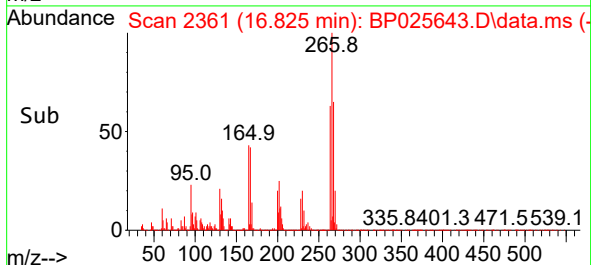
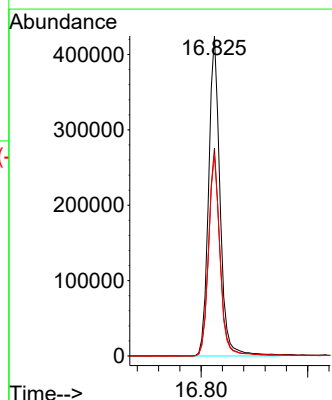
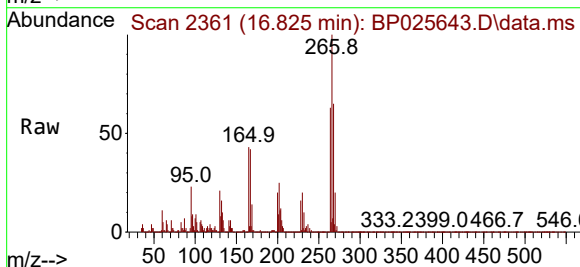
Tgt Ion:266 Resp: 629724

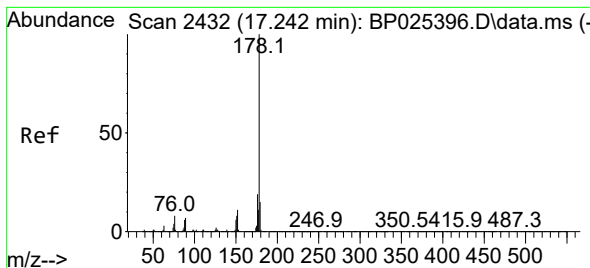
Ion Ratio Lower Upper

266 100

268 64.9 52.6 79.0

264 63.0 52.0 78.0





#71

Phenanthrene

Concen: 47.608 ng

RT: 17.219 min Scan# 2428

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

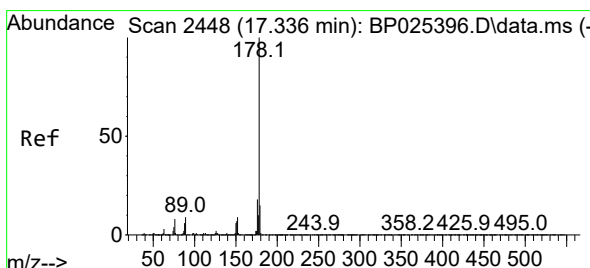
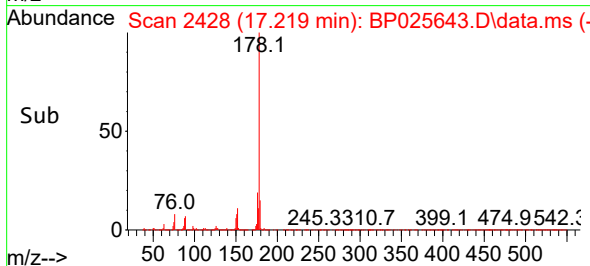
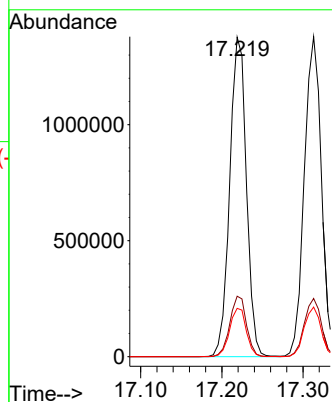
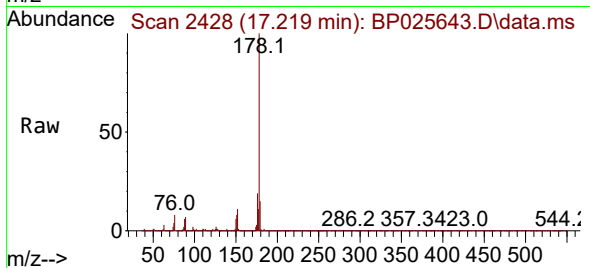
Tgt Ion:178 Resp: 1963486

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.1 12.2 18.4



#72

Anthracene

Concen: 47.804 ng

RT: 17.313 min Scan# 2444

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

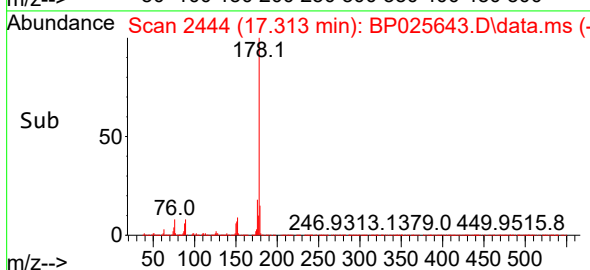
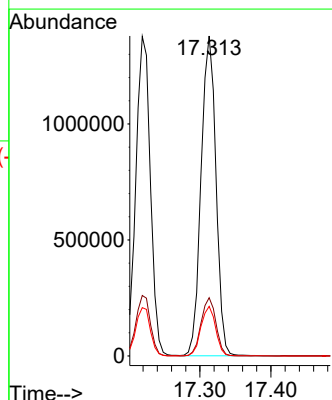
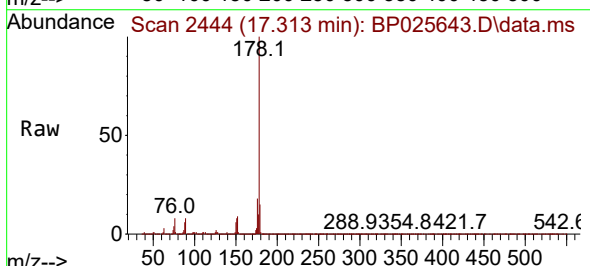
Tgt Ion:178 Resp: 2013380

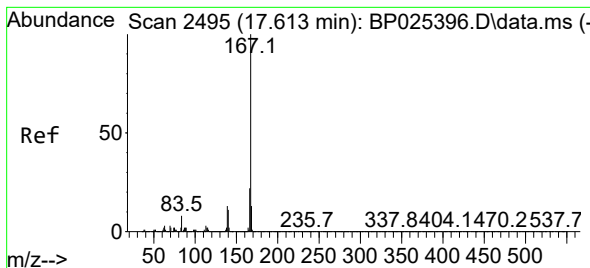
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.5 12.2 18.2





#73

Carbazole

Concen: 48.166 ng

RT: 17.595 min Scan# 2495

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

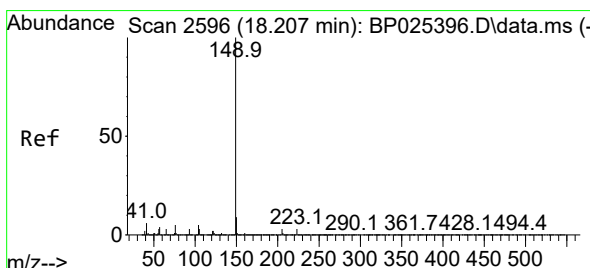
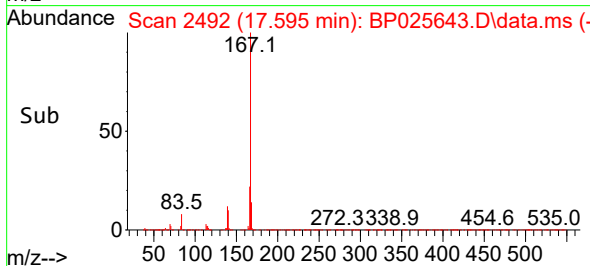
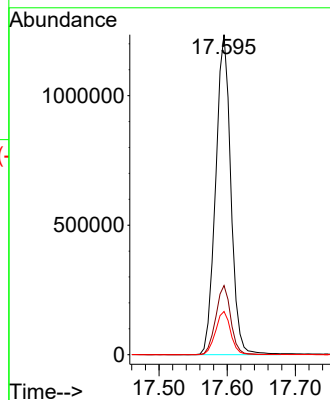
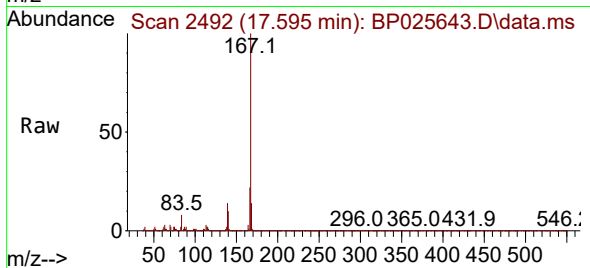
Tgt Ion:167 Resp: 1910800

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 52.863 ng

RT: 18.184 min Scan# 2592

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

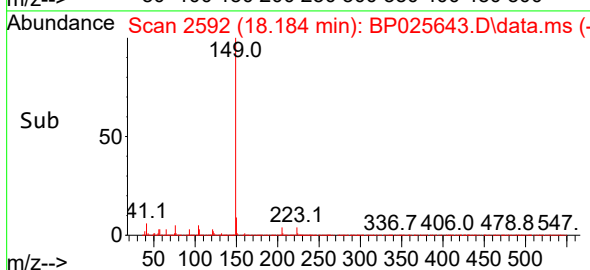
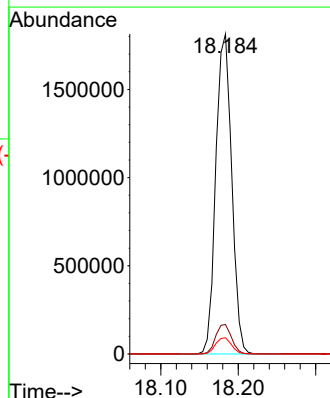
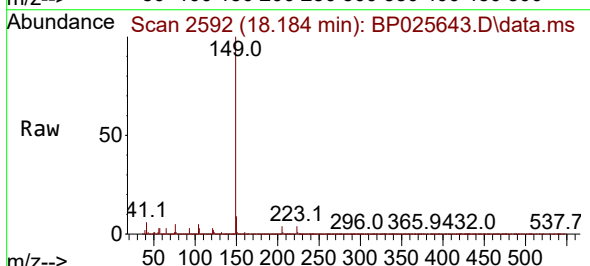
Tgt Ion:149 Resp: 2580140

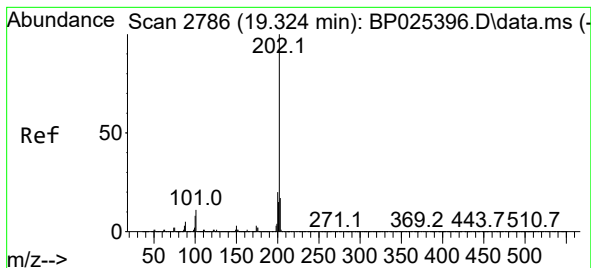
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 49.551 ng

RT: 19.307 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

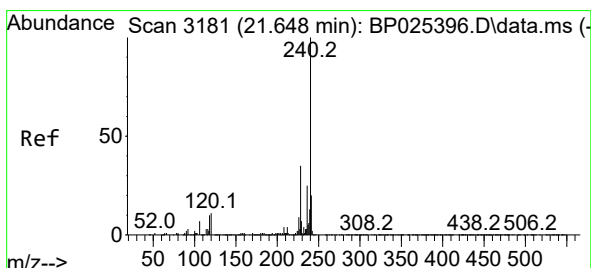
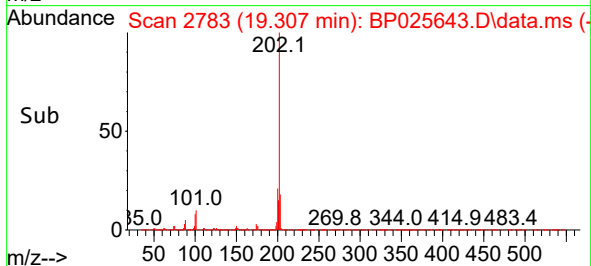
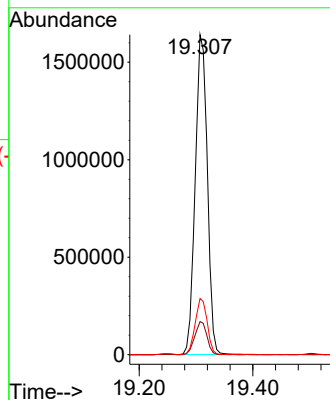
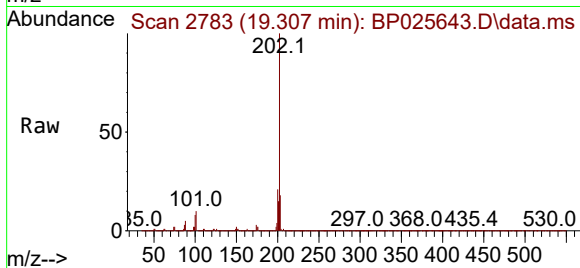
Tgt Ion:202 Resp: 2437671

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

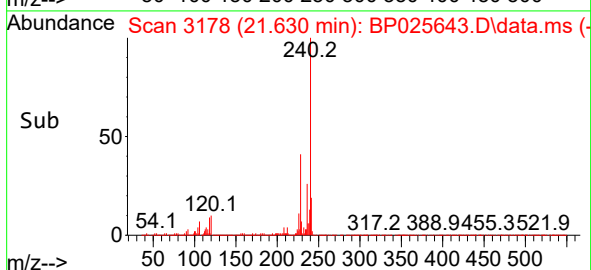
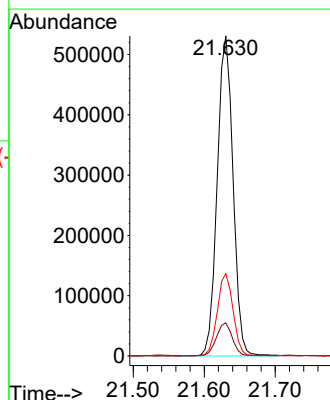
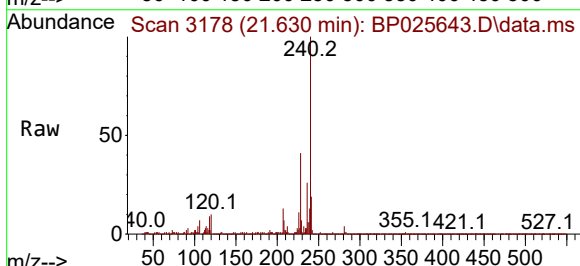
Tgt Ion:240 Resp: 817465

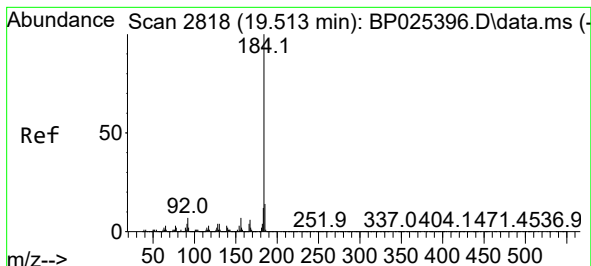
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.8 19.8 29.8





#77

Benzidine

Concen: 40.984 ng

RT: 19.501 min Scan# 2816

Delta R.T. -0.012 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

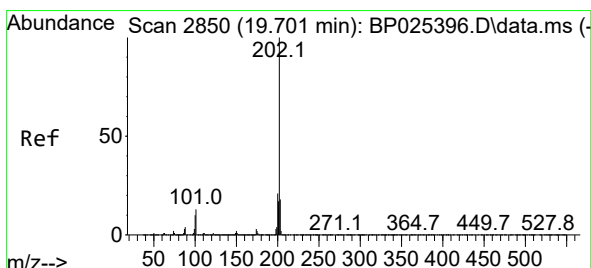
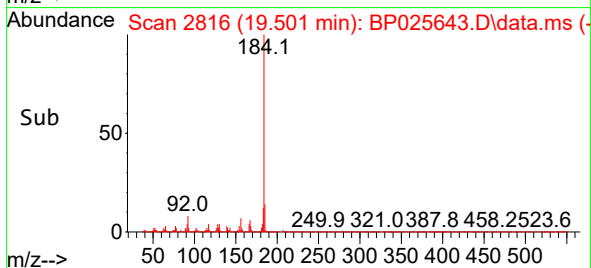
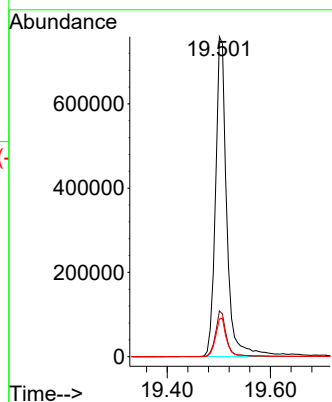
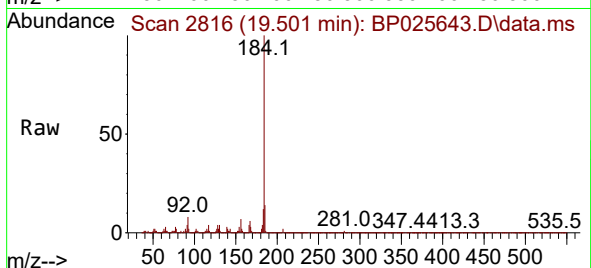
Tgt Ion:184 Resp: 1143376

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 47.504 ng

RT: 19.683 min Scan# 2847

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

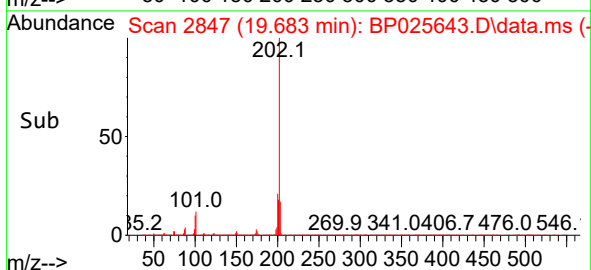
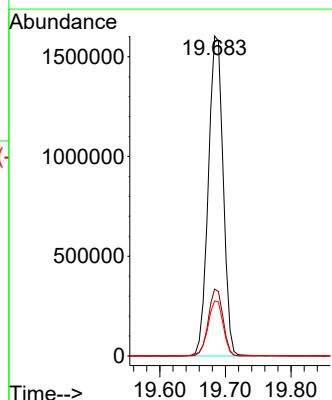
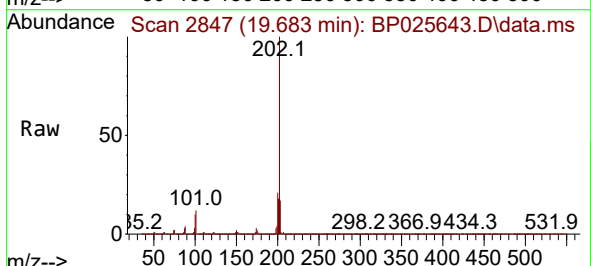
Tgt Ion:202 Resp: 2524048

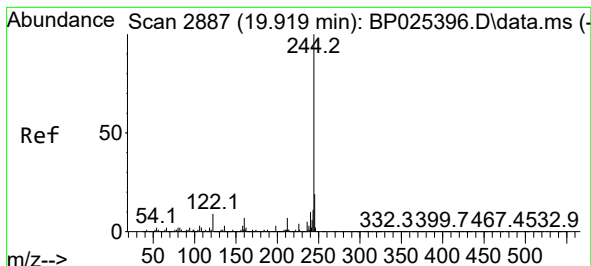
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 81.935 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

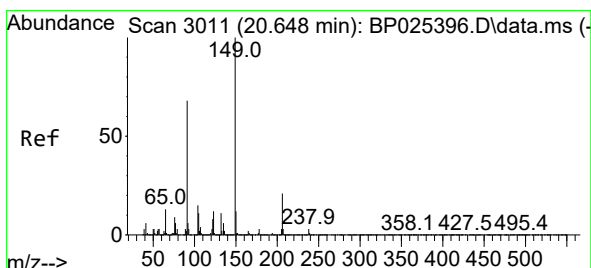
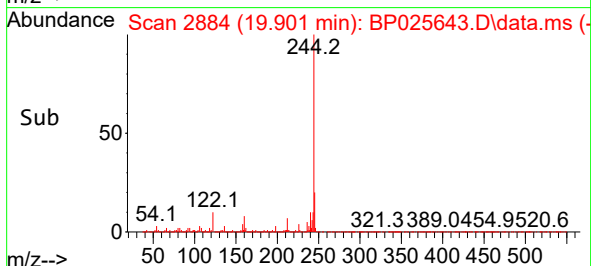
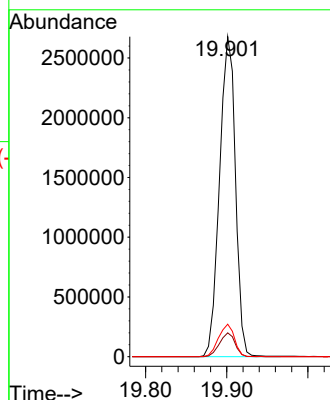
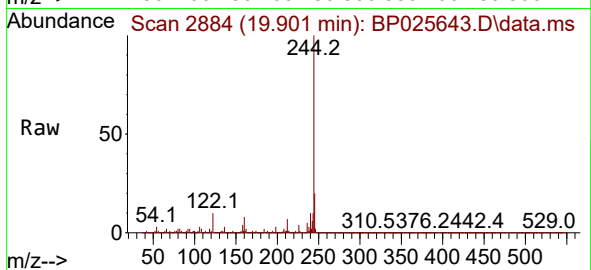
Tgt Ion:244 Resp: 3660903

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.1 7.4 11.2



#80

Butylbenzylphthalate

Concen: 52.840 ng

RT: 20.630 min Scan# 3008

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

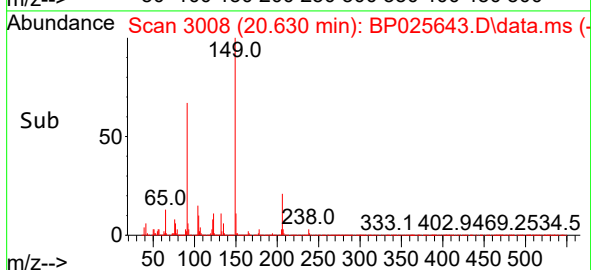
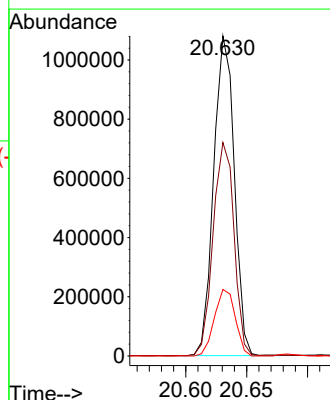
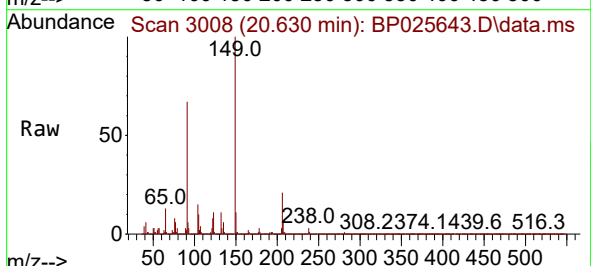
Tgt Ion:149 Resp: 1272403

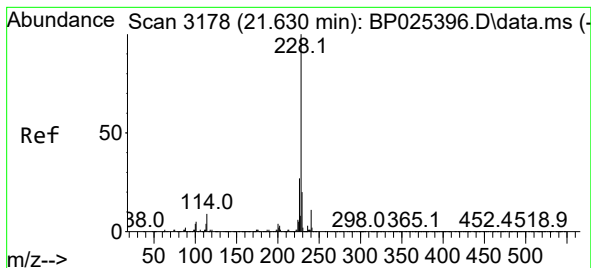
Ion Ratio Lower Upper

149 100

91 66.7 54.2 81.2

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 49.033 ng

RT: 21.613 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

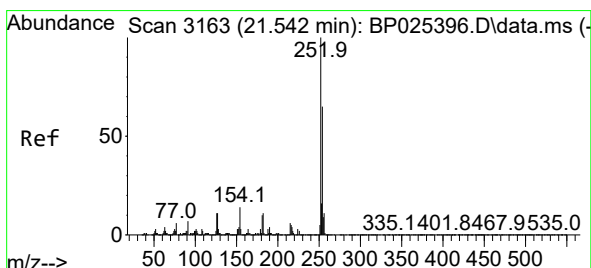
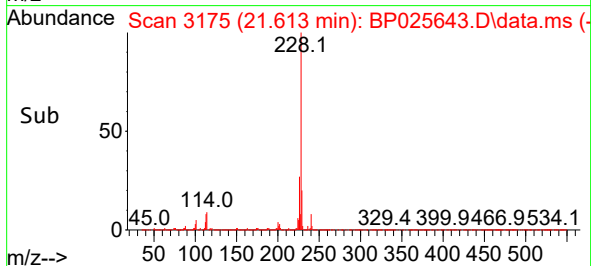
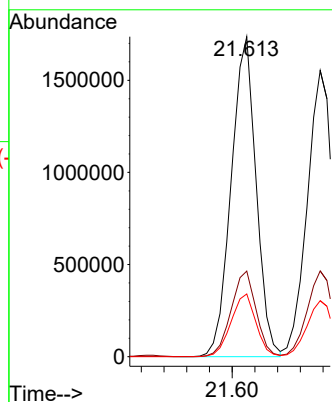
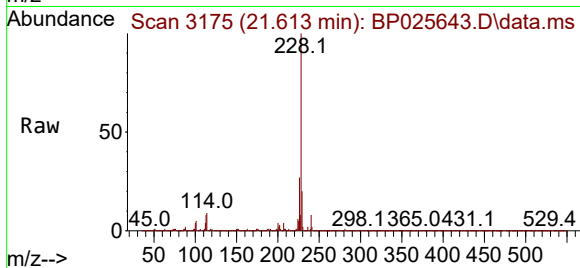
Tgt Ion:228 Resp: 2643485

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 34.278 ng

RT: 21.525 min Scan# 3160

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

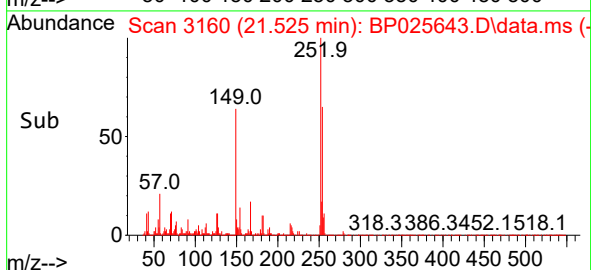
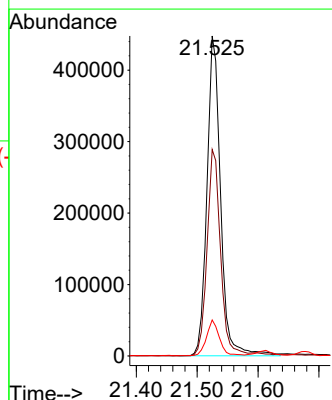
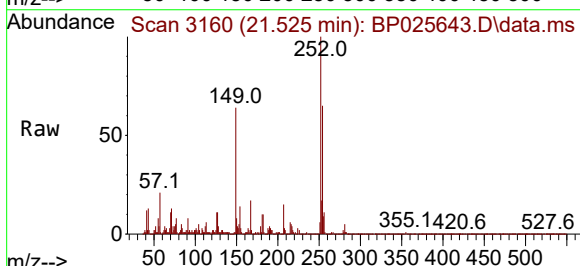
Tgt Ion:252 Resp: 696561

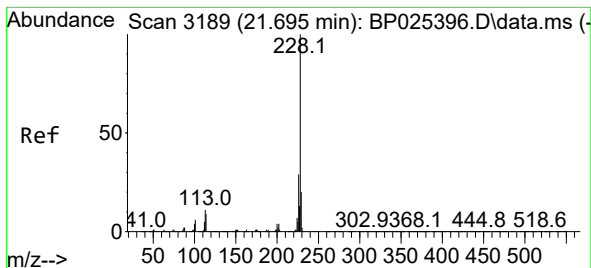
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 11.2 9.1 13.7





#83

Chrysene

Concen: 48.180 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

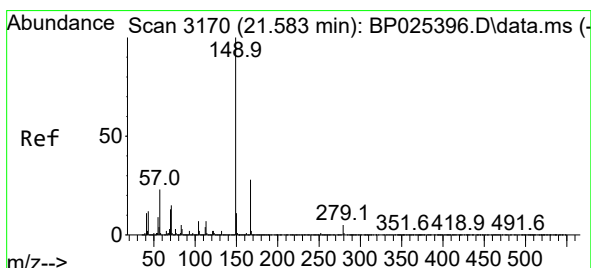
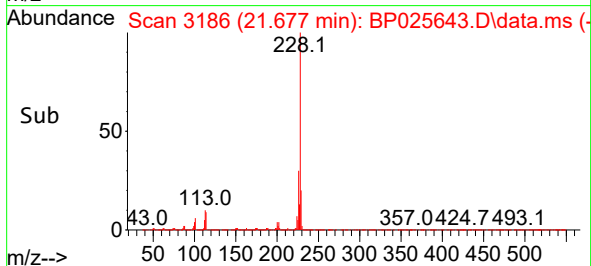
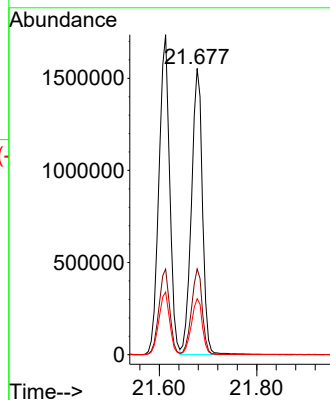
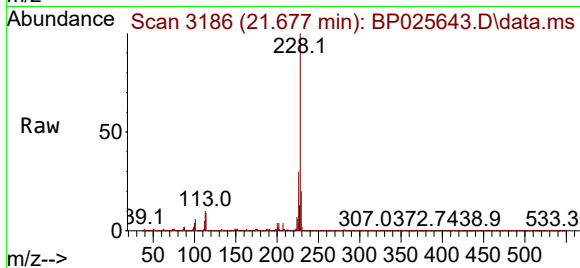
Tgt Ion:228 Resp: 2432537

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.830 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.041 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

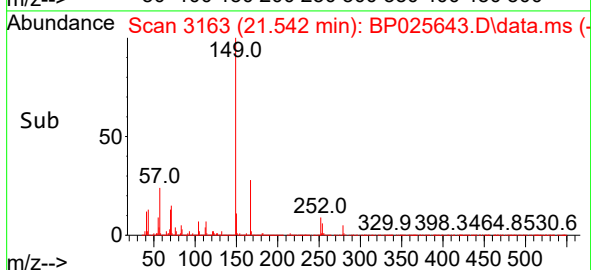
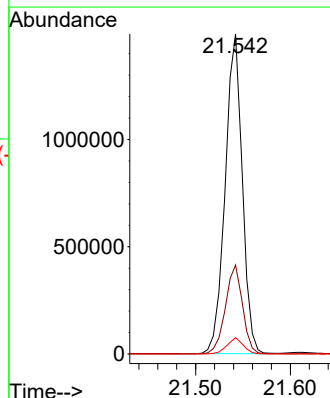
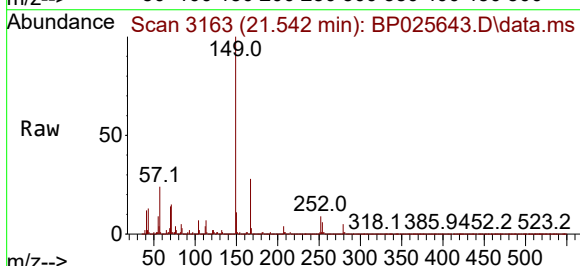
Tgt Ion:149 Resp: 1872697

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 5.1 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 54.051 ng

RT: 22.819 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

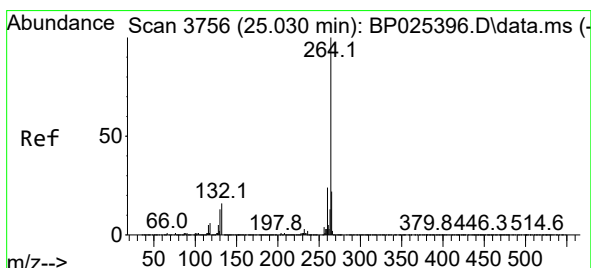
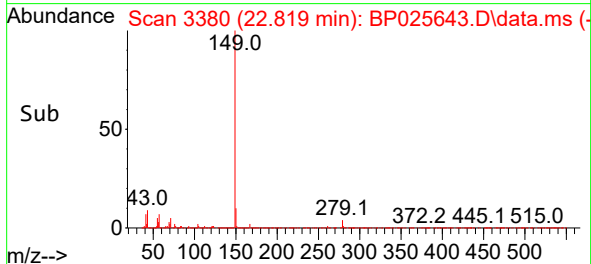
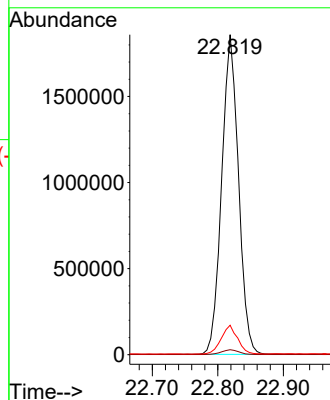
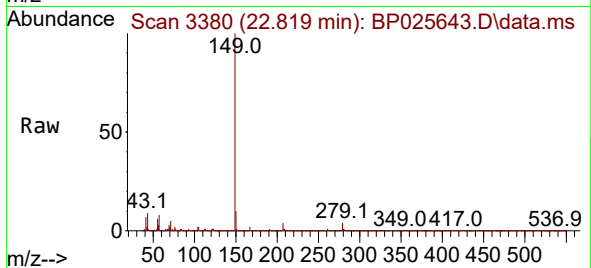
Tgt Ion:149 Resp: 3295593

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

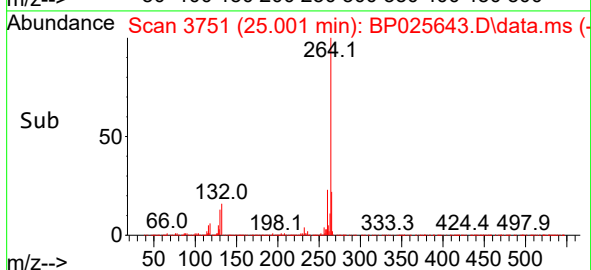
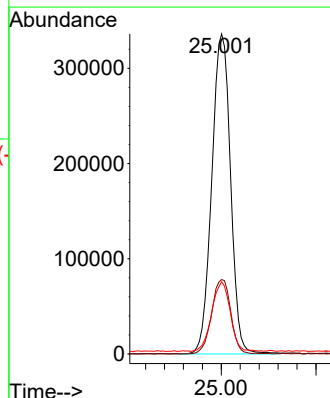
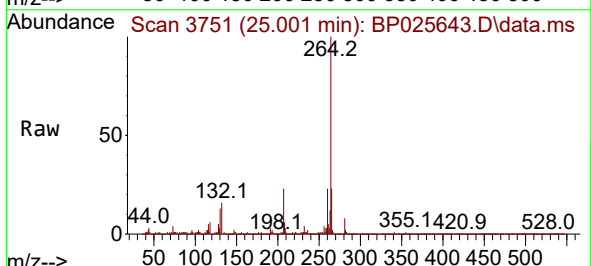
Tgt Ion:264 Resp: 926416

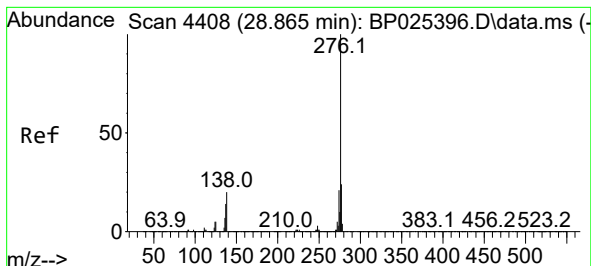
Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.552 ng

RT: 28.842 min Scan# 4404

Delta R.T. -0.023 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

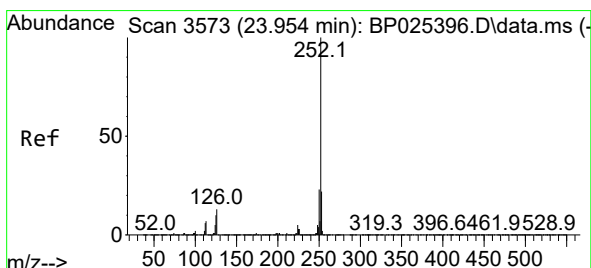
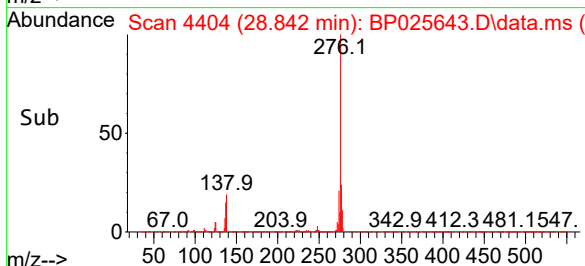
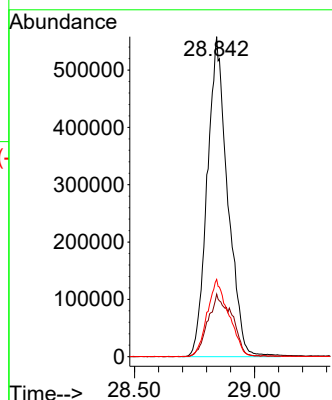
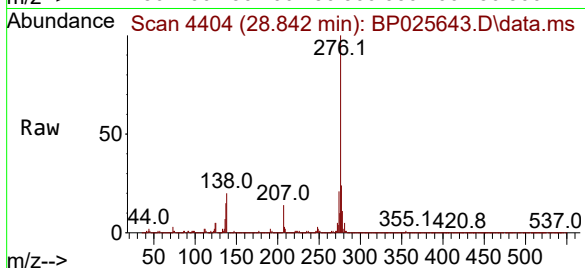
Tgt Ion:276 Resp: 3298591

Ion Ratio Lower Upper

276 100

138 22.8 12.9 19.3#

277 25.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 48.695 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.029 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

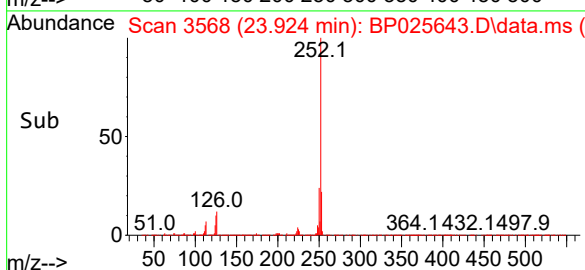
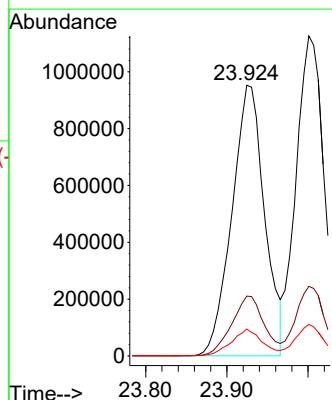
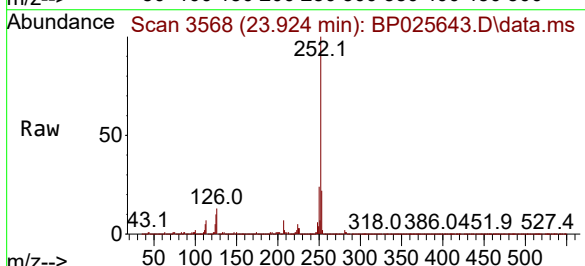
Tgt Ion:252 Resp: 2660138

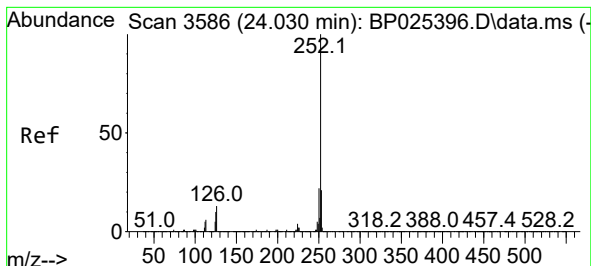
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 49.684 ng

RT: 24.001 min Scan# 3586

Delta R.T. -0.029 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS

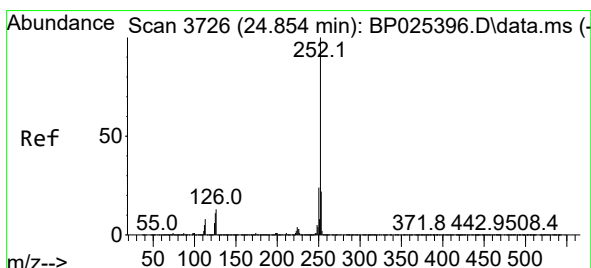
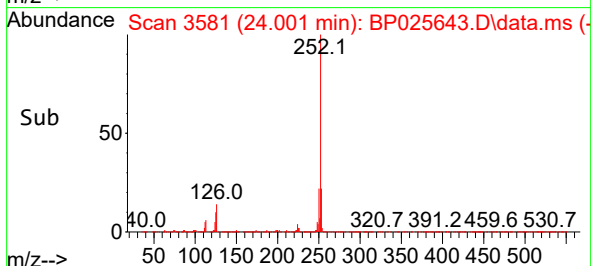
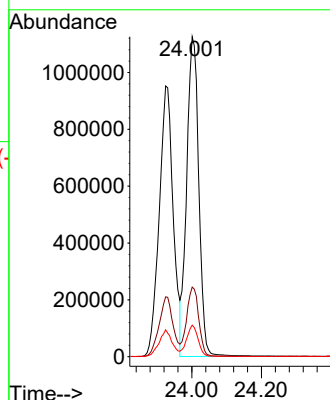
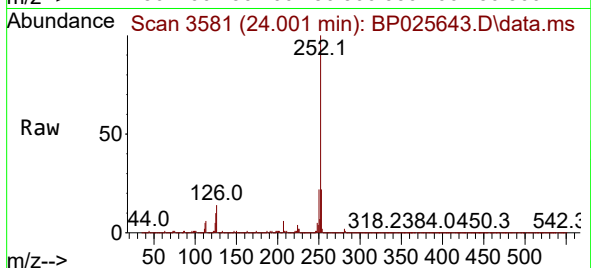
Tgt Ion:252 Resp: 2715970

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.9 7.8 11.6



#90

Benzo(a)pyrene

Concen: 49.035 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.012 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

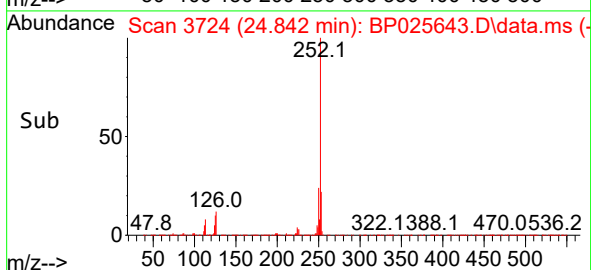
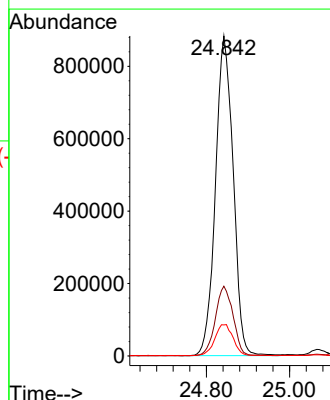
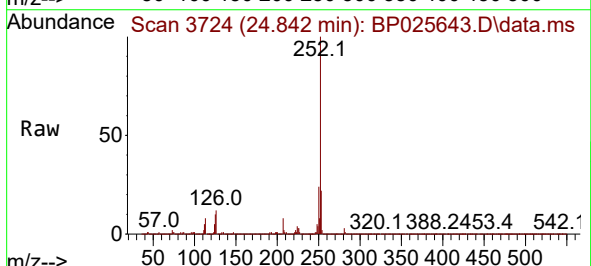
Tgt Ion:252 Resp: 2607501

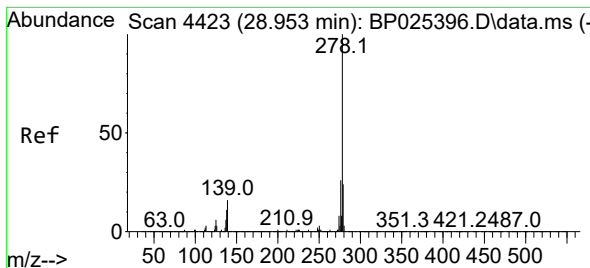
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 48.624 ng

RT: 28.901 min Scan# 4414

Delta R.T. -0.053 min

Lab File: BP025643.D

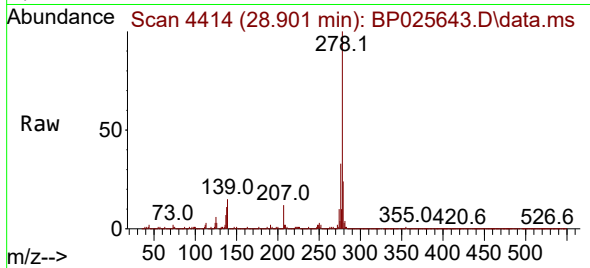
Acq: 02 Sep 2025 18:19

Instrument :

BNA_P

ClientSampleId :

PB169490BS



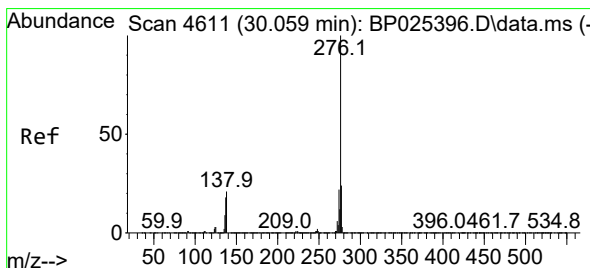
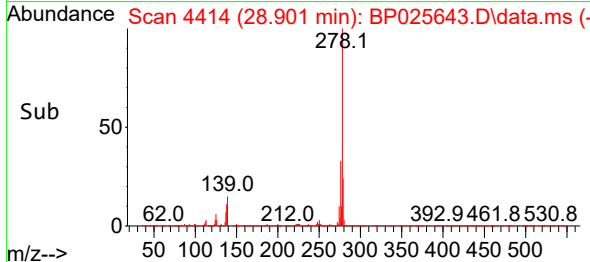
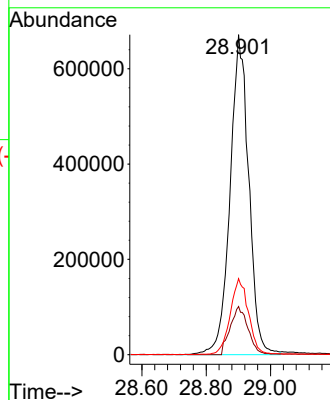
Tgt Ion:278 Resp: 2699614

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 47.991 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.053 min

Lab File: BP025643.D

Acq: 02 Sep 2025 18:19

Tgt Ion:276 Resp: 2619132

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 20.2 16.7 25.1

