

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025639.D
 Acq On : 02 Sep 2025 15:29
 Operator : CG/JU
 Sample : PB169509BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169509BS

Quant Time: Sep 02 15:56:59 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	152115	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	600808	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	368837	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	714401	20.000	ng	#-0.01
76) Chrysene-d12	21.642	240	768674	20.000	ng	0.00
86) Perylene-d12	25.007	264	928875	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1371676	149.751	ng	0.00
7) Phenol-d6	6.966	99	1700587	144.811	ng	0.00
23) Nitrobenzene-d5	8.913	82	1094334	92.138	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	742148	149.489	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	2466735	91.402	ng	-0.02
79) Terphenyl-d14	19.913	244	3677187	87.523	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	146592	40.858	ng	96
3) Pyridine	3.720	79	421780	42.950	ng	97
4) n-Nitrosodimethylamine	3.619	42	227490	56.190	ng	92
6) Aniline	7.108	93	628548	39.725	ng	97
8) 2-Chlorophenol	7.349	128	565018	54.663	ng	99
9) Benzaldehyde	6.925	77	224883	27.333	ng	97
10) Phenol	6.990	94	668343	54.237	ng	97
11) bis(2-Chloroethyl)ether	7.202	93	491019	51.124	ng	97
12) 1,3-Dichlorobenzene	7.666	146	580720	50.952	ng	99
13) 1,4-Dichlorobenzene	7.808	146	596806	51.230	ng	98
14) 1,2-Dichlorobenzene	8.119	146	570203	50.564	ng	98
15) Benzyl Alcohol	8.008	79	489235	52.431	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.290	45	687670	53.448	ng	99
17) 2-Methylphenol	8.219	107	453215	52.956	ng	100
18) Hexachloroethane	8.843	117	217357	50.746	ng	95
19) n-Nitroso-di-n-propyla...	8.566	70	379022	48.726	ng	97
20) 3+4-Methylphenols	8.543	107	605077	51.005	ng	96
22) Acetophenone	8.584	105	797209	52.911	ng	# 98
24) Nitrobenzene	8.955	77	582293	54.857	ng	98
25) Isophorone	9.484	82	1073571	51.075	ng	98
26) 2-Nitrophenol	9.660	139	296187	54.371	ng	96
27) 2,4-Dimethylphenol	9.725	122	505200	53.927	ng	99
28) bis(2-Chloroethoxy)met...	9.949	93	650018	51.159	ng	99
29) 2,4-Dichlorophenol	10.201	162	497597	53.469	ng	98
30) 1,2,4-Trichlorobenzene	10.402	180	530538	52.005	ng	98
31) Naphthalene	10.584	128	1630681	52.220	ng	99
32) Benzoic acid	9.890	122	361971	52.336	ng	93
33) 4-Chloroaniline	10.696	127	374230	27.130	ng	98
34) Hexachlorobutadiene	10.872	225	334252	52.610	ng	98
35) Caprolactam	11.496	113	173544	50.856	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	569622	53.342	ng	95
37) 2-Methylnaphthalene	12.201	142	1030400	50.704	ng	99
38) 1-Methylnaphthalene	12.419	142	1075133	49.748	ng	98
40) 1,2,4,5-Tetrachloroben...	12.572	216	594650	55.823	ng	99
41) Hexachlorocyclopentadiene	12.548	237	639649	99.410	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	403270	56.075	ng	98

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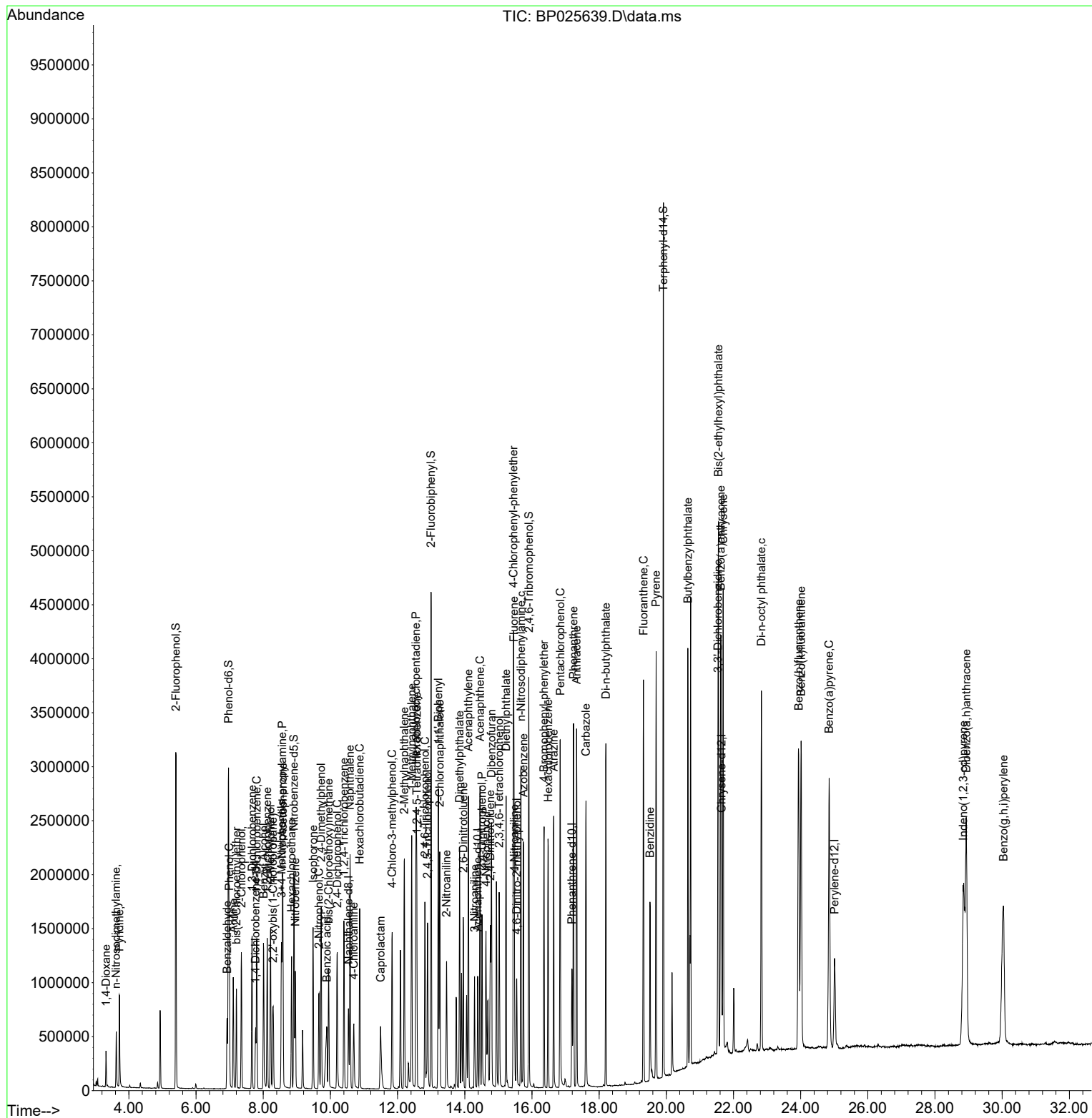
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	437531	55.512	ng	99
46) 1,1'-Biphenyl	13.213	154	1451547	54.188	ng	99
47) 2-Chloronaphthalene	13.254	162	1115158	53.476	ng	100
48) 2-Nitroaniline	13.454	65	353592	58.193	ng	95
49) Acenaphthylene	14.107	152	1839877	53.319	ng	99
50) Dimethylphthalate	13.842	163	1427474	52.851	ng	99
51) 2,6-Dinitrotoluene	13.954	165	314757	55.290	ng	93
52) Acenaphthene	14.454	154	1052625	51.970	ng	99
53) 3-Nitroaniline	14.290	138	244495	38.173	ng	95
54) 2,4-Dinitrophenol	14.513	184	357187	117.491	ng	97
55) Dibenzofuran	14.795	168	1687600	52.700	ng	99
56) 4-Nitrophenol	14.631	139	521090	99.006	ng	97
57) 2,4-Dinitrotoluene	14.760	165	451951	55.644	ng	96
58) Fluorene	15.460	166	1345007	53.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	393054	56.478	ng	98
60) Diethylphthalate	15.231	149	1443541	52.599	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	664994	52.917	ng	99
62) 4-Nitroaniline	15.478	138	340564	51.866	ng	96
63) Azobenzene	15.742	77	1292122	54.985	ng	97
65) 4,6-Dinitro-2-methylph...	15.548	198	251522	56.481	ng	95
66) n-Nitrosodiphenylamine	15.672	169	1181357	54.228	ng	100
67) 4-Bromophenyl-phenylether	16.360	248	431806	54.957	ng	99
68) Hexachlorobenzene	16.484	284	505823	55.536	ng	96
69) Atrazine	16.648	200	440305	53.969	ng	98
70) Pentachlorophenol	16.842	266	645405	112.255	ng	97
71) Phenanthrene	17.236	178	2116037	53.920	ng	99
72) Anthracene	17.331	178	2140982	53.422	ng	100
73) Carbazole	17.607	167	2047578	54.243	ng	99
74) Di-n-butylphthalate	18.201	149	2452631	52.809	ng	100
75) Fluoranthene	19.319	202	2471220	52.791	ng	99
77) Benzidine	19.513	184	1078098	41.097	ng	99
78) Pyrene	19.695	202	2557273	51.185	ng	100
80) Butylbenzylphthalate	20.642	149	1188440	52.486	ng	100
81) Benzo(a)anthracene	21.624	228	2705961	53.378	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	744906	38.984	ng	99
83) Chrysene	21.695	228	2572771	54.192	ng	100
84) Bis(2-ethylhexyl)phtha...	21.548	149	1719073	51.574	ng	99
85) Di-n-octyl phthalate	22.830	149	3151883	54.976	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3616115	53.085	ng	96
88) Benzo(b)fluoranthene	23.942	252	2901172	52.967	ng	98
89) Benzo(k)fluoranthene	24.013	252	2945110	53.733	ng	99
90) Benzo(a)pyrene	24.848	252	2860094	53.643	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2948244	52.961	ng	98
92) Benzo(g,h,i)perylene	30.036	276	2837245	51.849	ng	99

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

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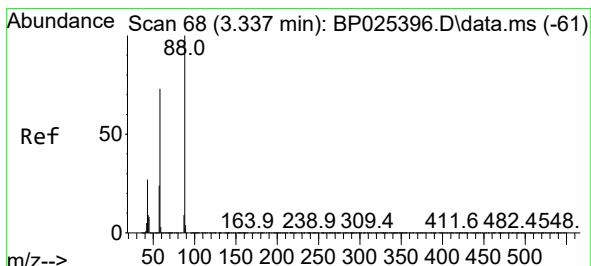
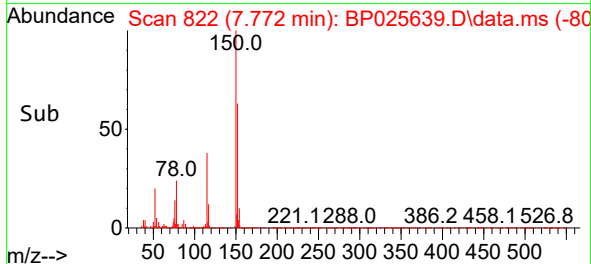
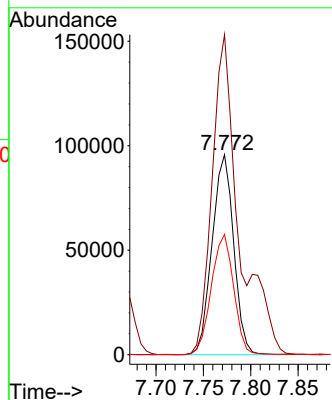
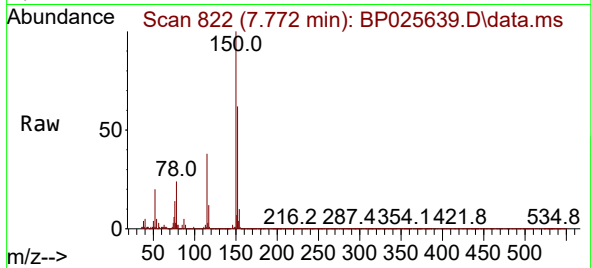




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025639.D
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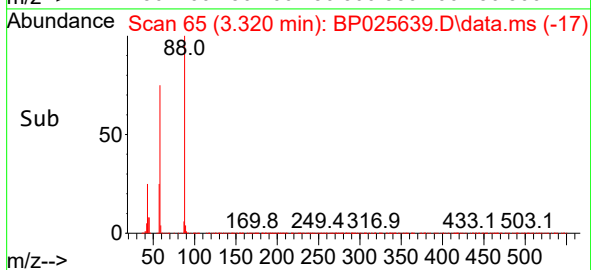
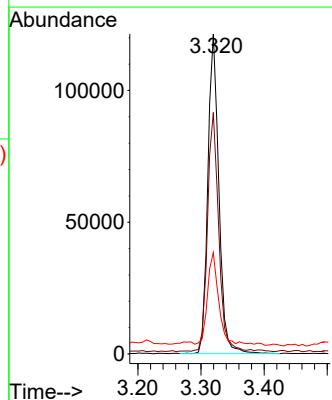
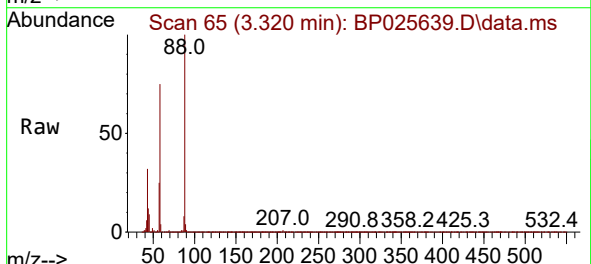
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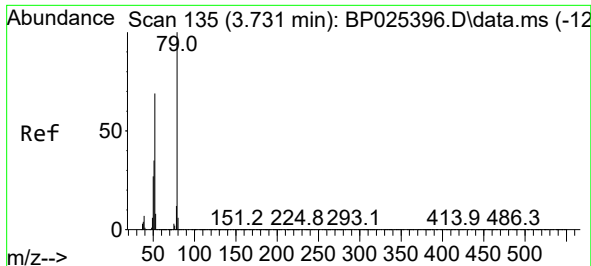
Tgt Ion:152 Resp: 152115
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.9 188.9
 115 60.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 40.858 ng
 RT: 3.320 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025639.D
 Acq: 02 Sep 2025 15:29

Tgt Ion: 88 Resp: 146592
 Ion Ratio Lower Upper
 88 100
 58 76.1 59.2 88.8
 43 30.5 21.7 32.5

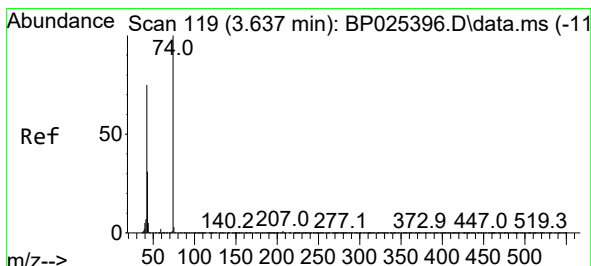
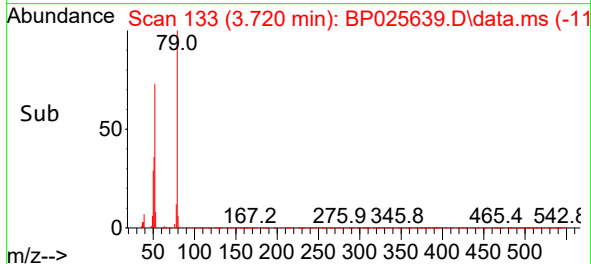
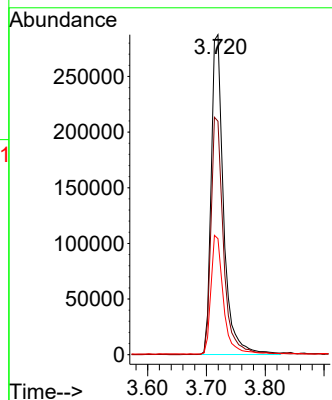
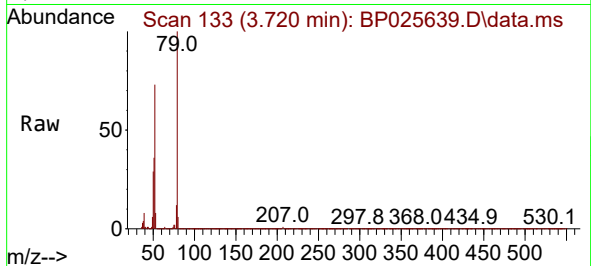




#3
Pyridine
Concen: 42.950 ng
RT: 3.720 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

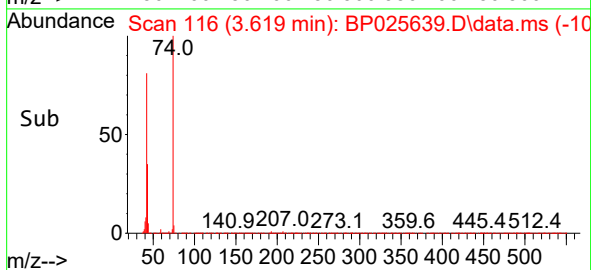
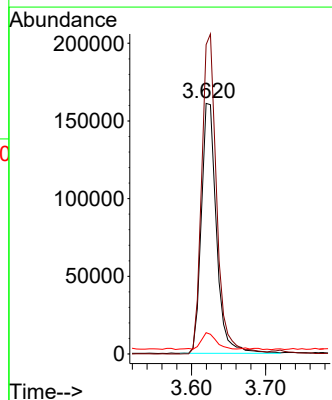
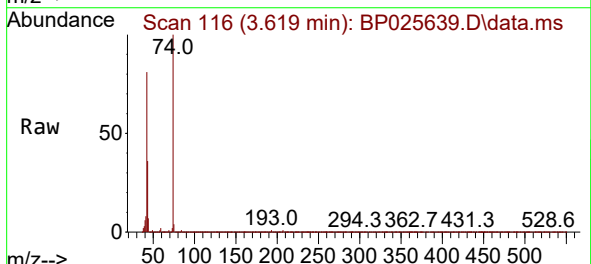
Instrument :
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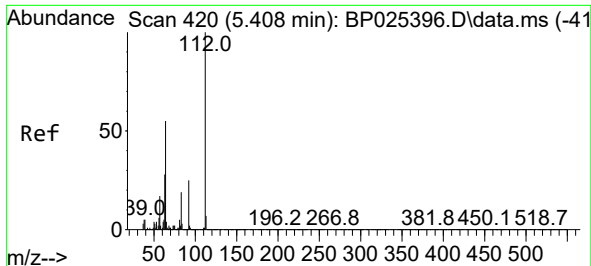
Tgt Ion: 79 Resp: 421780
Ion Ratio Lower Upper
79 100
52 72.9 55.5 83.3
51 36.3 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 56.190 ng
RT: 3.619 min Scan# 116
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 42 Resp: 227490
Ion Ratio Lower Upper
42 100
74 123.4 107.0 160.4
44 8.5 6.2 9.4

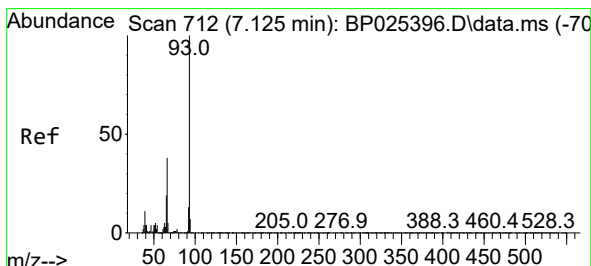
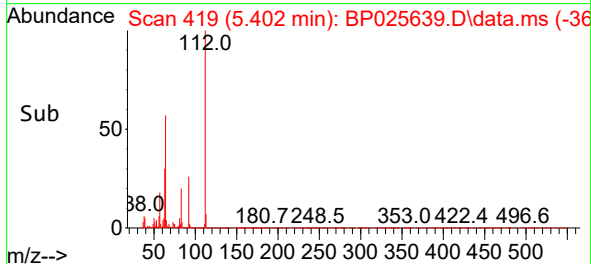
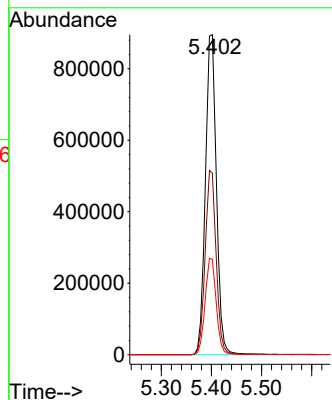
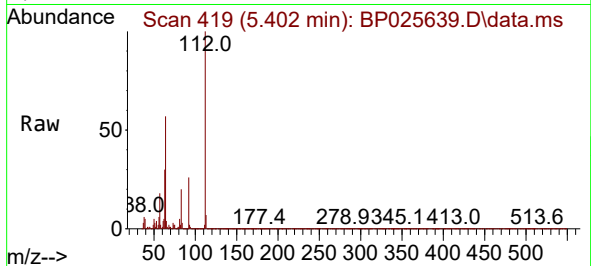




#5
2-Fluorophenol
Concen: 149.751 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

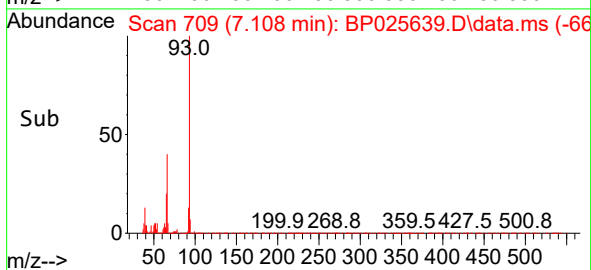
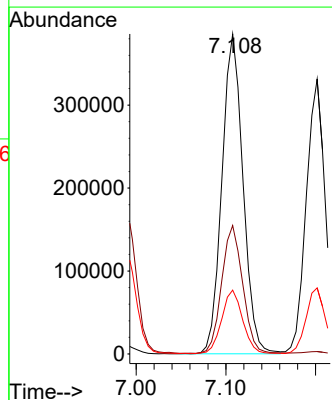
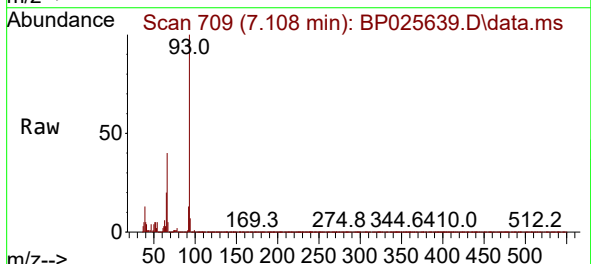
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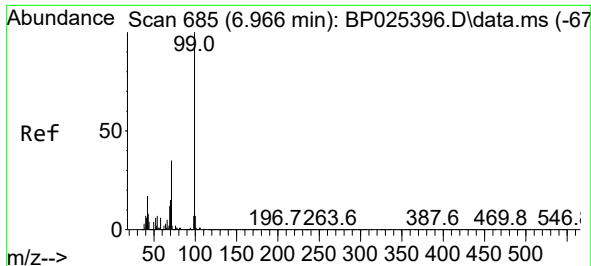
Tgt Ion:112 Resp: 1371676
Ion Ratio Lower Upper
112 100
64 56.7 43.8 65.8
63 29.8 22.7 34.1



#6
Aniline
Concen: 39.725 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 93 Resp: 628548
Ion Ratio Lower Upper
93 100
66 40.1 30.4 45.6
65 20.0 15.3 22.9



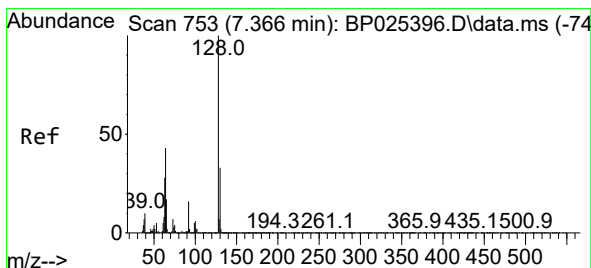
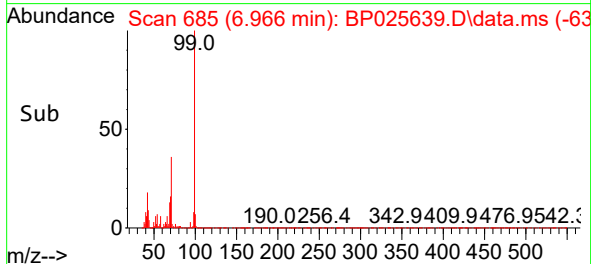
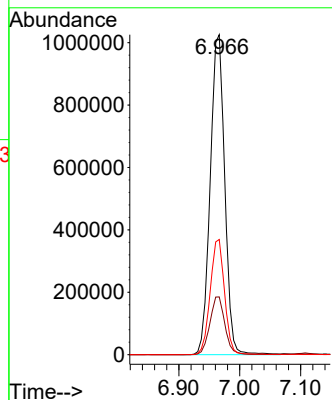
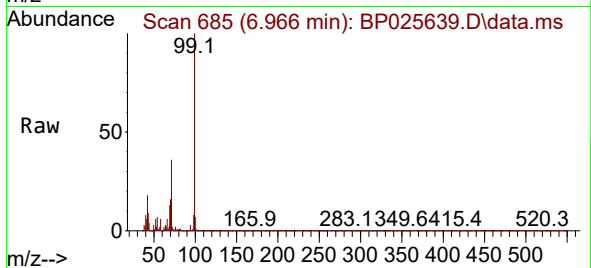


#7
Phenol-d6
Concen: 144.811 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Instrument :
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Tgt Ion: 99 Resp: 1700587

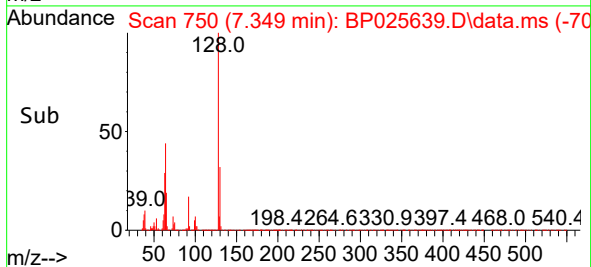
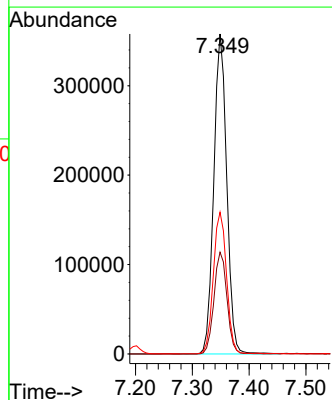
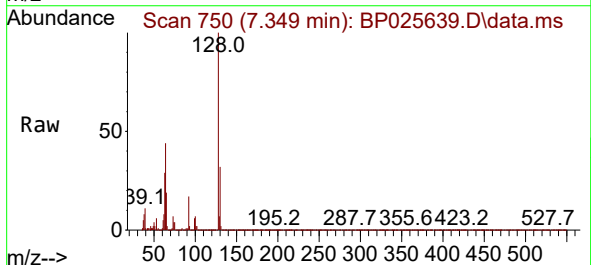
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	36.0	28.2	42.4

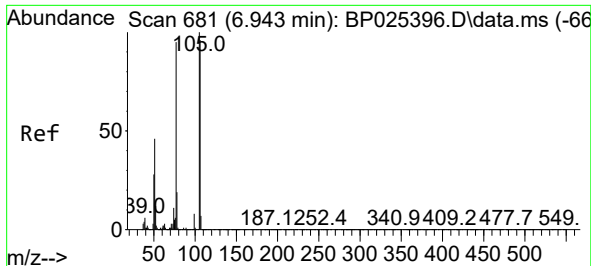


#8
2-Chlorophenol
Concen: 54.663 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 128 Resp: 565018

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	44.3	23.4	63.4

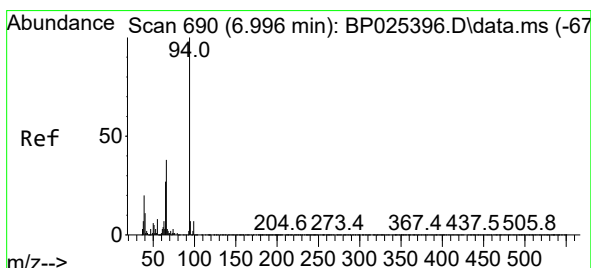
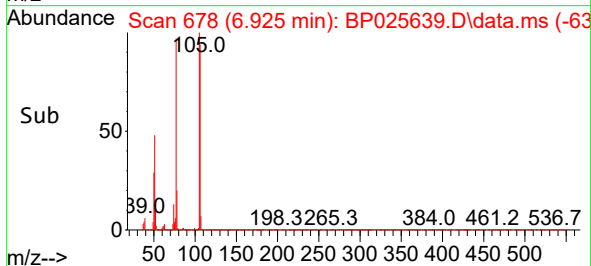
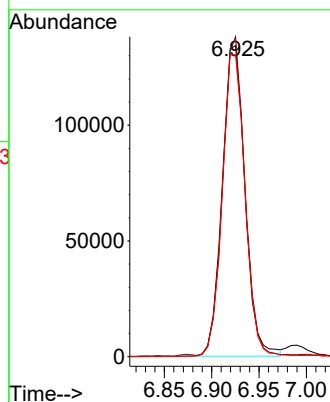
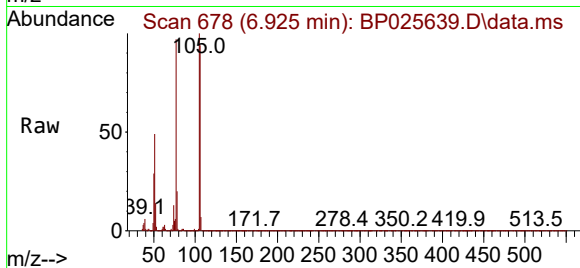




#9
Benzaldehyde
Concen: 27.333 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
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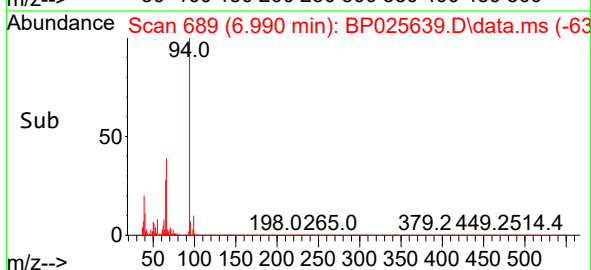
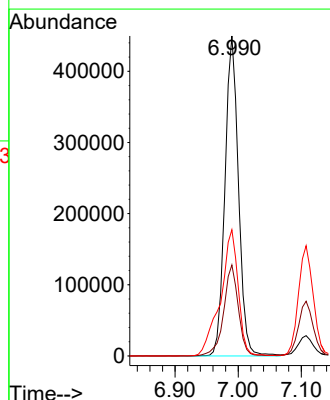
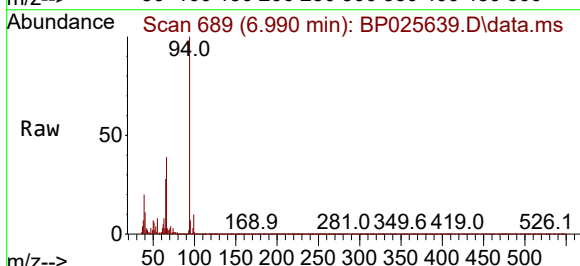
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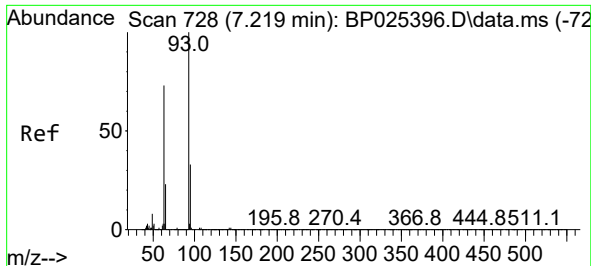
Tgt Ion: 77 Resp: 224883
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 96.9 80.5 120.5



#10
Phenol
Concen: 54.237 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 94 Resp: 668343
Ion Ratio Lower Upper
94 100
65 28.5 6.8 46.8
66 39.5 18.2 58.2

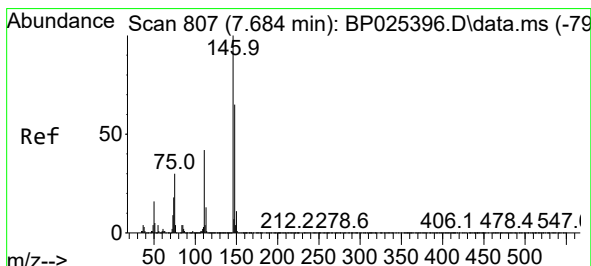
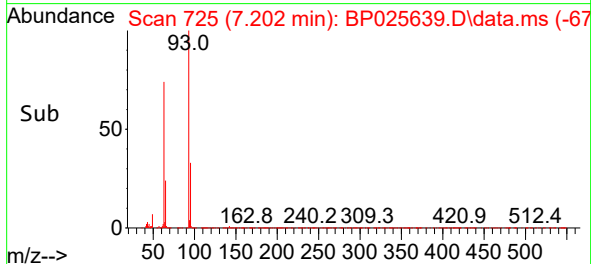
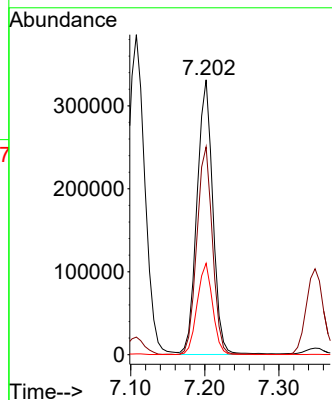
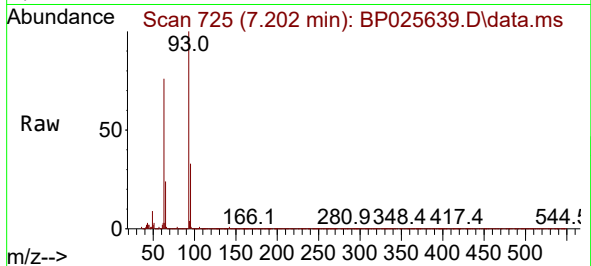




#11
bis(2-Chloroethyl)ether
Concen: 51.124 ng
RT: 7.202 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

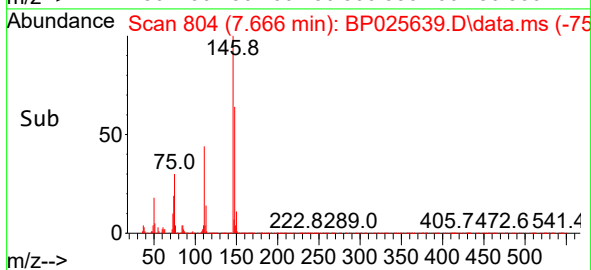
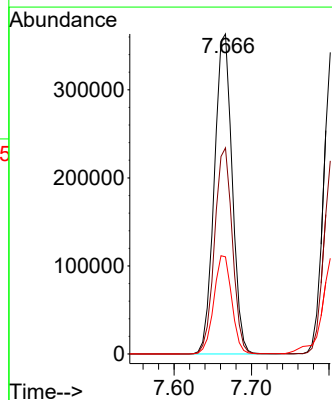
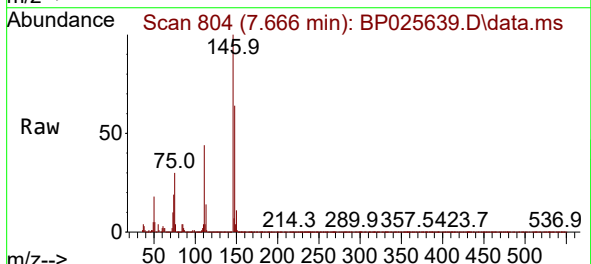
Instrument :
BNA_P
ClientSampleId :
PB169509BS

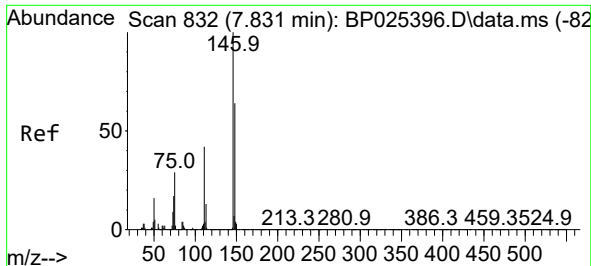
Tgt Ion: 93 Resp: 491019
Ion Ratio Lower Upper
93 100
63 75.6 52.6 92.6
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.952 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 146 Resp: 580720
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 30.4 23.7 35.5

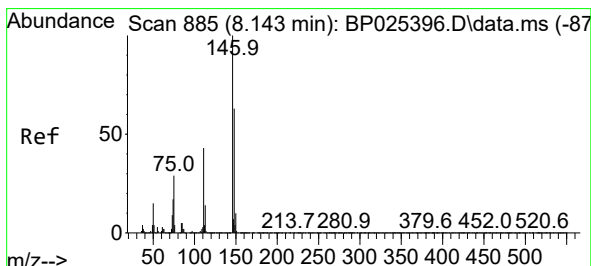
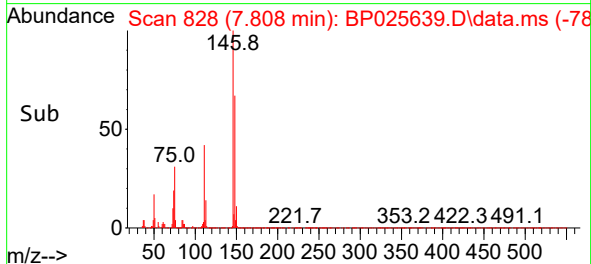
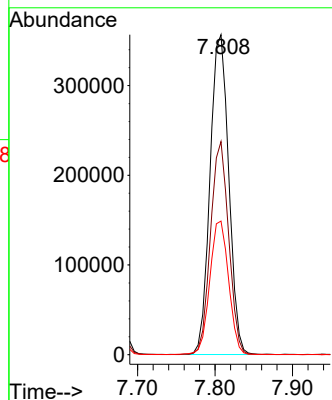
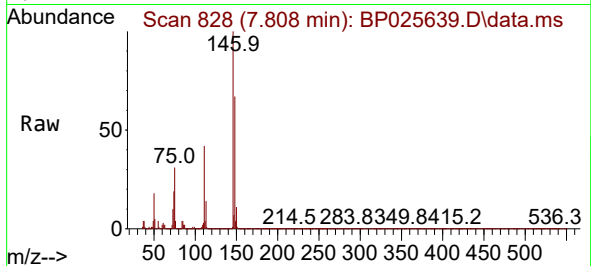




#13
1,4-Dichlorobenzene
Concen: 51.230 ng
RT: 7.808 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

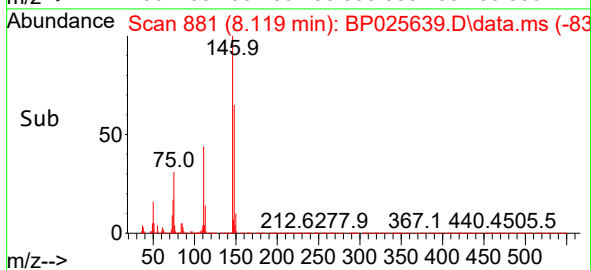
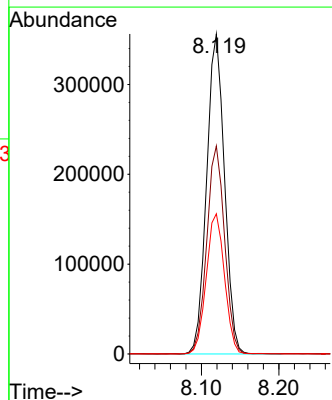
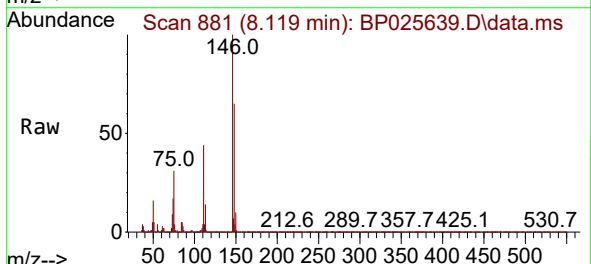
Instrument :
BNA_P
ClientSampleId :
PB169509BS

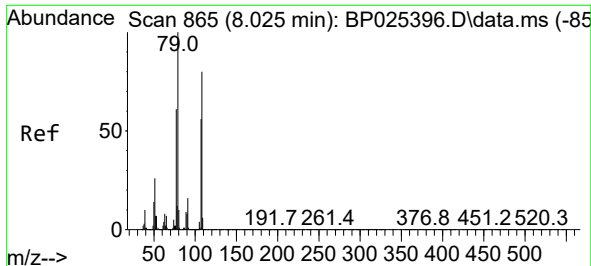
Tgt Ion:146 Resp: 596806
Ion Ratio Lower Upper
146 100
148 66.6 51.6 77.4
111 41.7 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 50.564 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.023 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:146 Resp: 570203
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 43.8 34.5 51.7

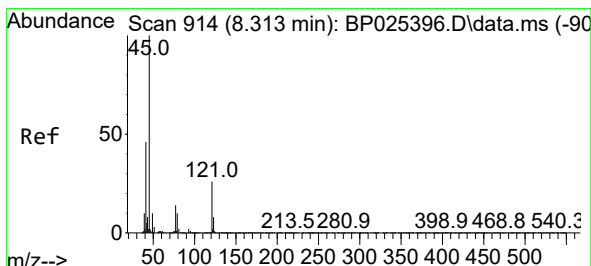
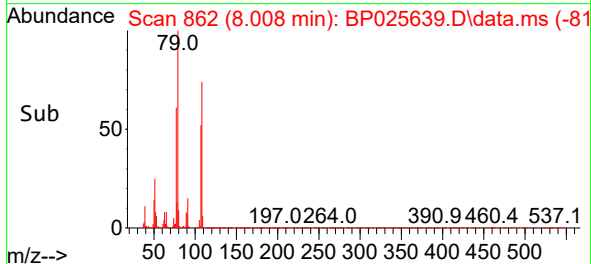
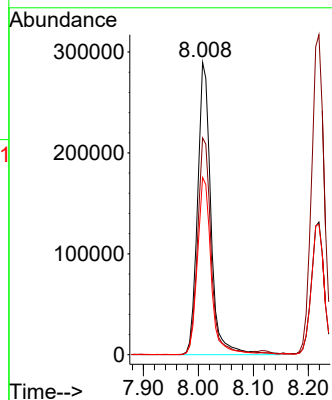
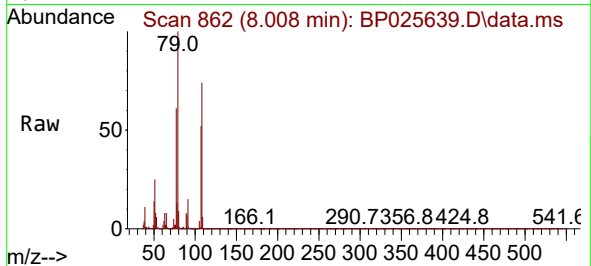




#15
Benzyl Alcohol
Concen: 52.431 ng
RT: 8.008 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

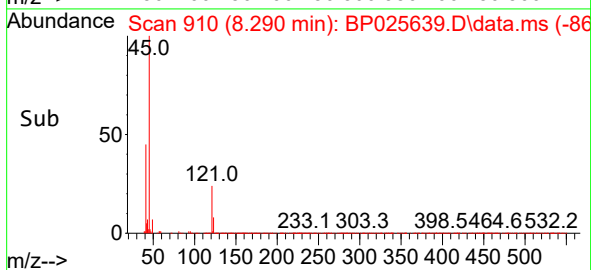
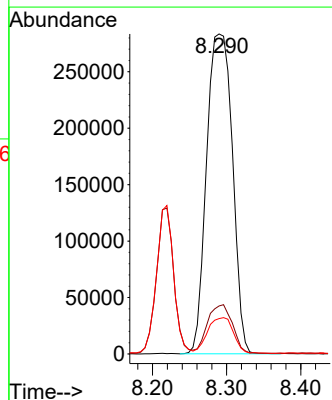
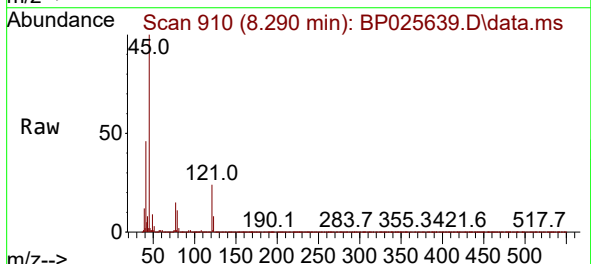
Instrument :
BNA_P
ClientSampleId :
PB169509BS

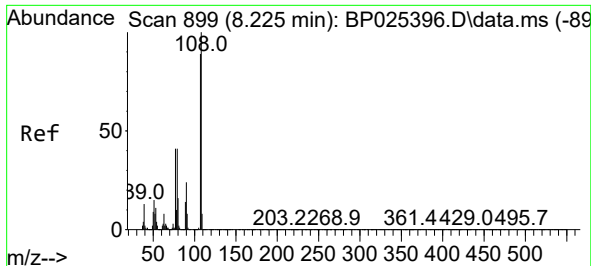
Tgt Ion: 79 Resp: 489235
Ion Ratio Lower Upper
79 100
108 74.1 63.8 95.6
77 60.6 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.448 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 45 Resp: 687670
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.3
79 11.1 0.0 31.8





#17

2-Methylphenol

Concen: 52.956 ng

RT: 8.219 min Scan# 89

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

Tgt Ion:107 Resp: 453215

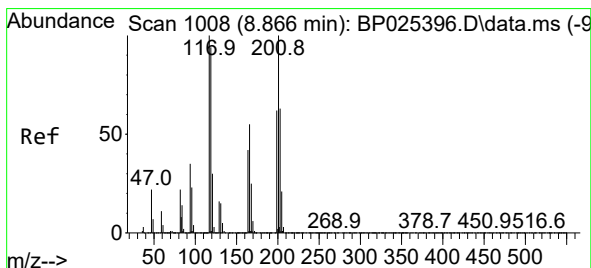
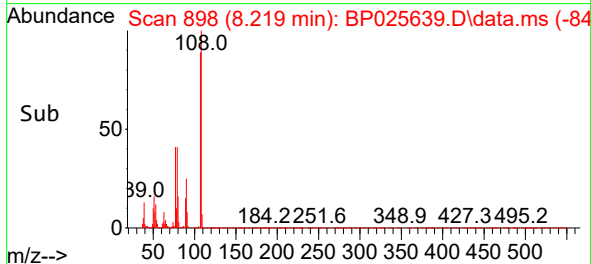
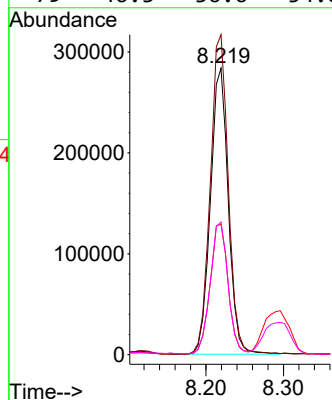
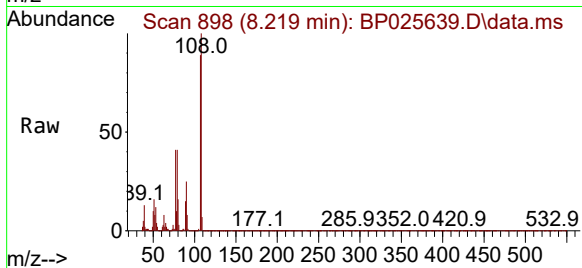
Ion Ratio Lower Upper

107 100

108 111.7 89.4 134.0

77 45.6 36.3 54.5

79 46.3 36.6 54.8



#18

Hexachloroethane

Concen: 50.746 ng

RT: 8.843 min Scan# 1004

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

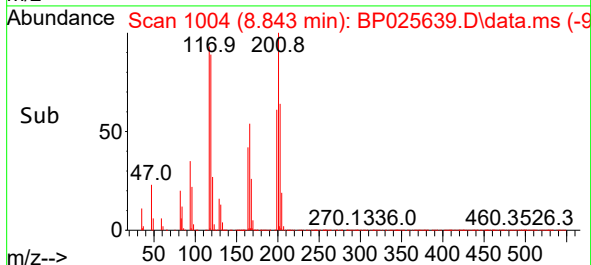
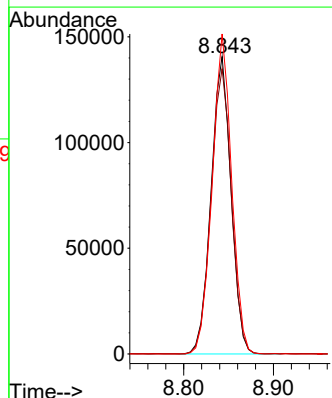
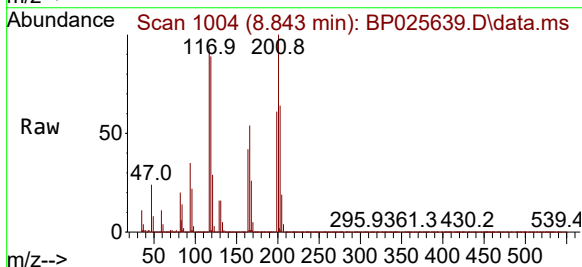
Tgt Ion:117 Resp: 217357

Ion Ratio Lower Upper

117 100

119 96.0 75.1 112.7

201 107.6 80.1 120.1

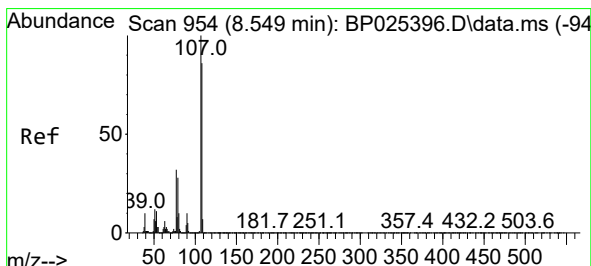
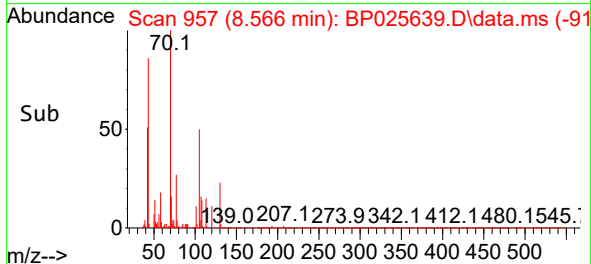
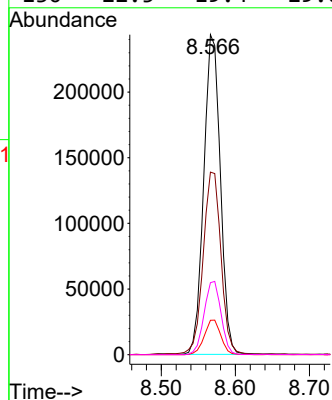
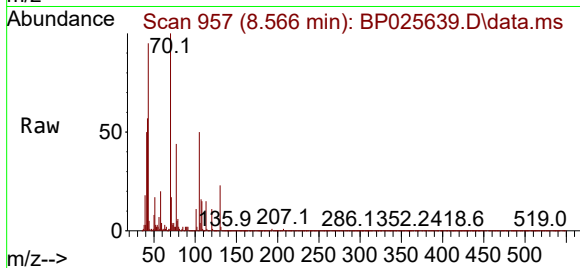




#19
n-Nitroso-di-n-propylamine
Concen: 48.726 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

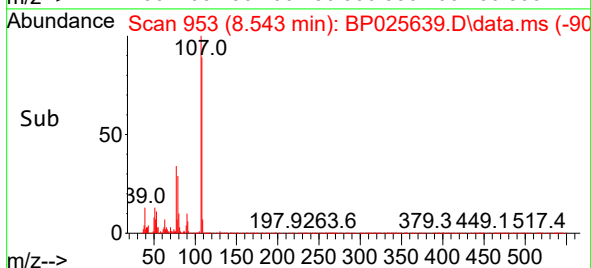
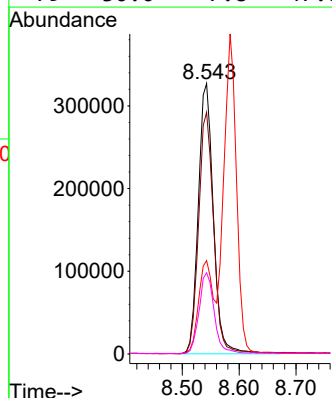
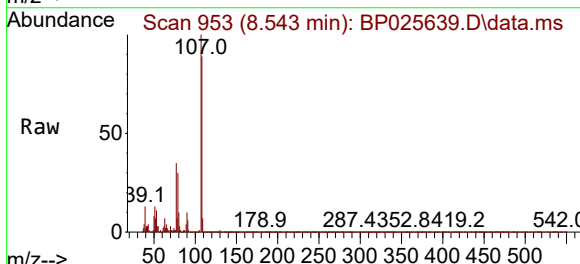
Instrument :
BNA_P
ClientSampleId :
PB169509BS

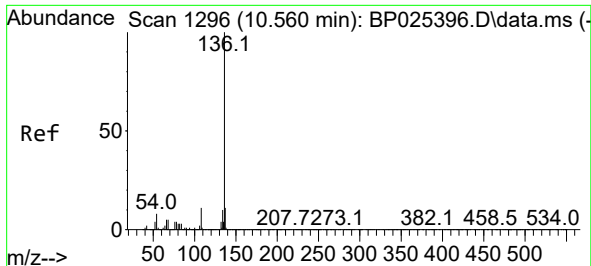
Tgt Ion: 70 Resp: 379022
Ion Ratio Lower Upper
70 100
42 57.1 43.8 65.6
101 10.7 8.5 12.7
130 22.5 19.4 29.0



#20
3+4-Methylphenols
Concen: 51.005 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 107 Resp: 605077
Ion Ratio Lower Upper
107 100
108 89.4 66.3 106.3
77 34.5 12.3 52.3
79 30.0 7.8 47.8

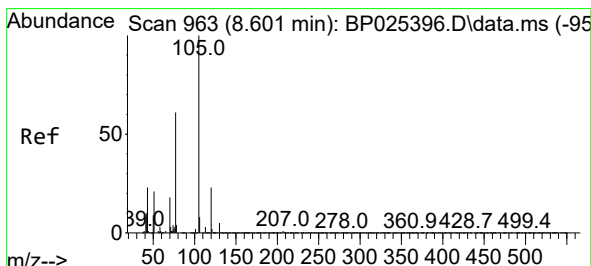
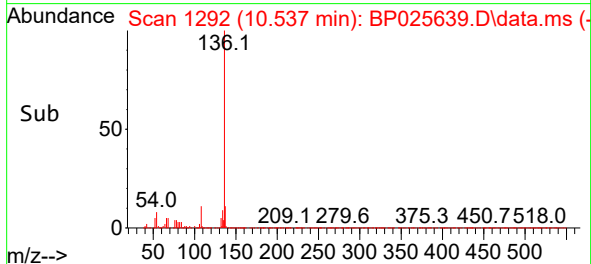
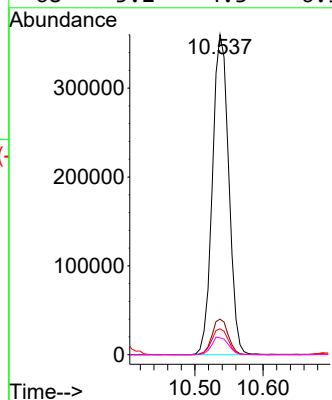
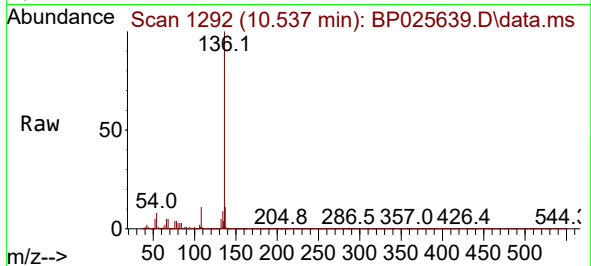




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

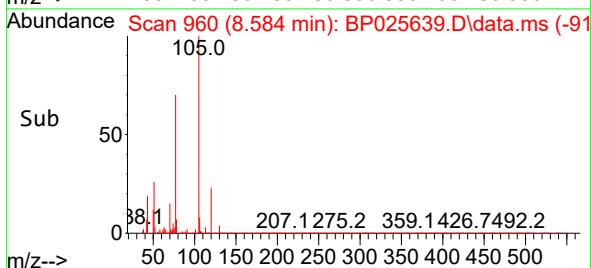
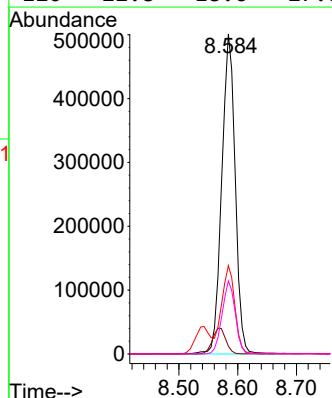
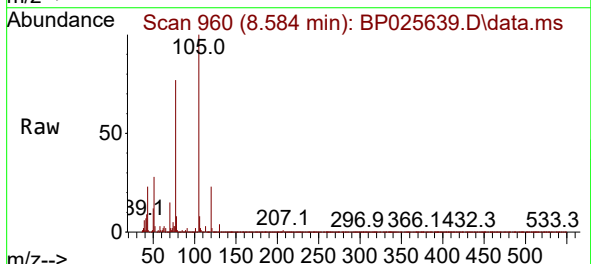
Instrument :
BNA_P
ClientSampleId :
PB169509BS

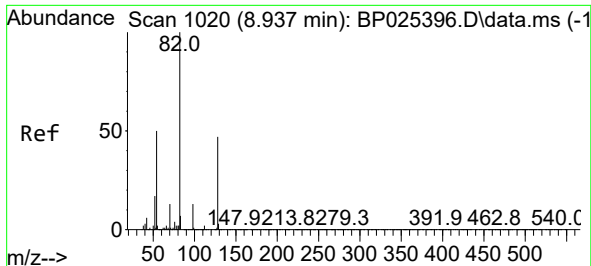
Tgt Ion:136 Resp: 600808
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.1 6.0 9.0
68 5.2 4.3 6.5



#22
Acetophenone
Concen: 52.911 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:105 Resp: 797209
Ion Ratio Lower Upper
105 100
71 2.5 2.6 4.0#
51 27.6 20.6 30.8
120 22.8 18.6 27.8





#23

Nitrobenzene-d5

Concen: 92.138 ng

RT: 8.913 min Scan# 1016

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

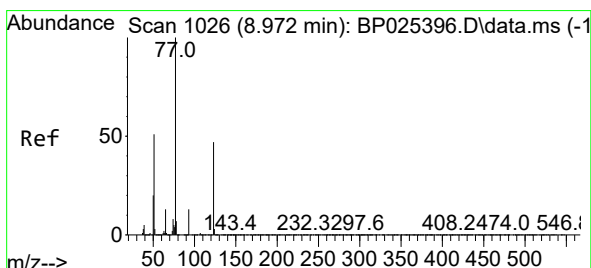
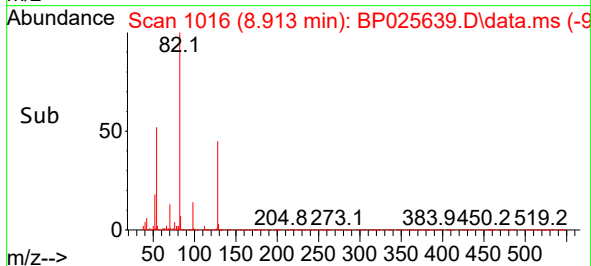
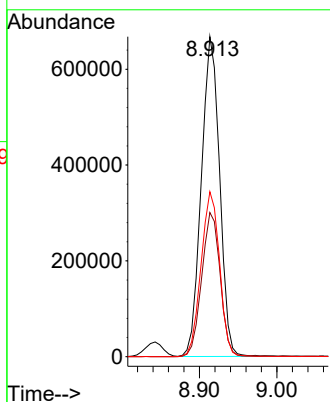
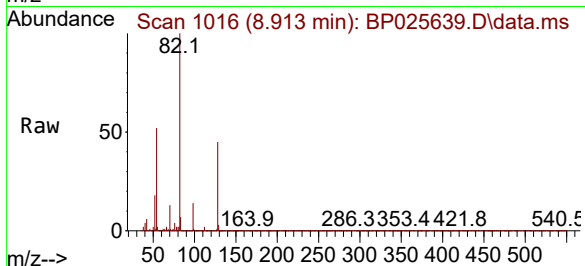
Tgt Ion: 82 Resp: 1094334

Ion Ratio Lower Upper

82 100

128 45.1 37.7 56.5

54 51.6 39.8 59.6



#24

Nitrobenzene

Concen: 54.857 ng

RT: 8.955 min Scan# 1023

Delta R.T. -0.018 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

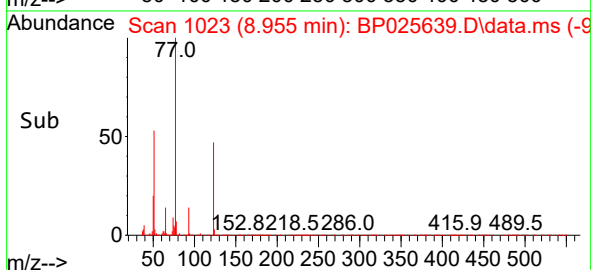
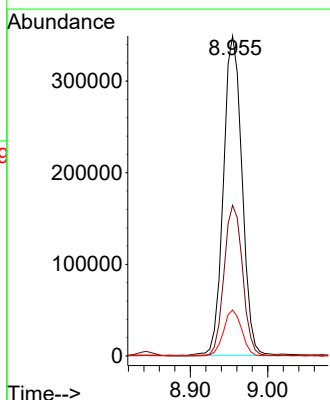
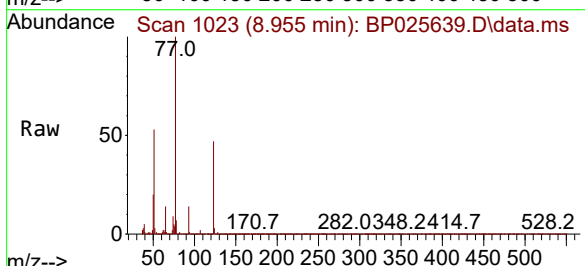
Tgt Ion: 77 Resp: 582293

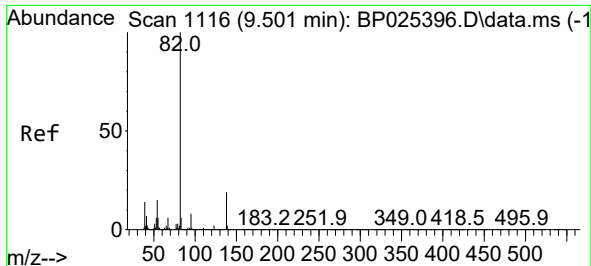
Ion Ratio Lower Upper

77 100

123 47.1 38.6 58.0

65 14.3 10.6 15.8

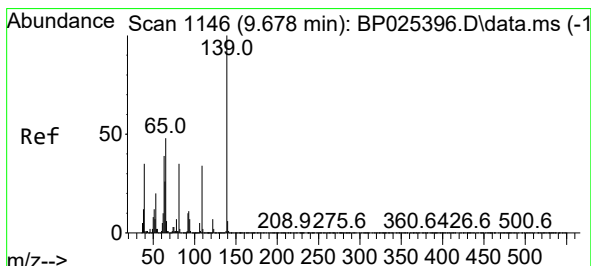
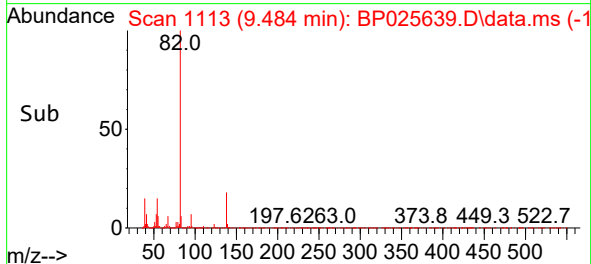
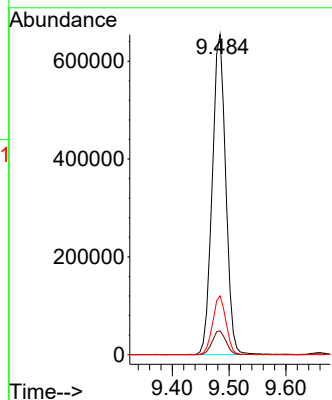
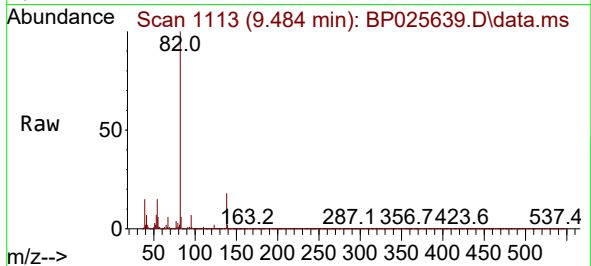




#25
Isophorone
Concen: 51.075 ng
RT: 9.484 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

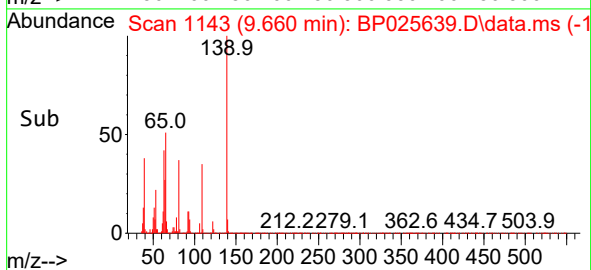
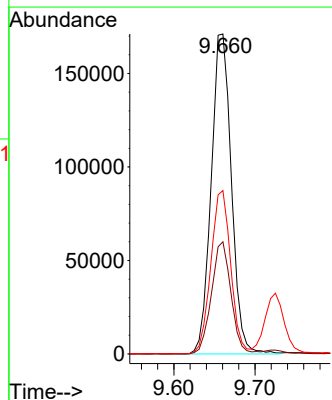
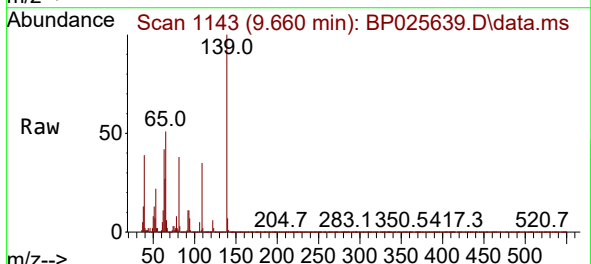
Instrument :
BNA_P
ClientSampleId :
PB169509BS

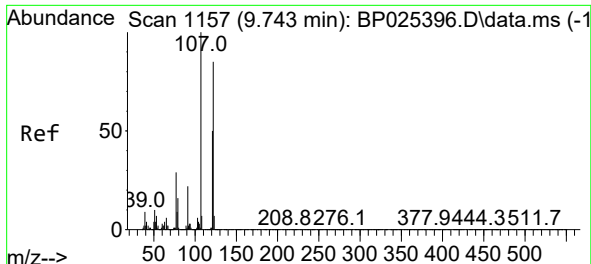
Tgt Ion: 82 Resp: 1073571
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.4 15.4 23.0



#26
2-Nitrophenol
Concen: 54.371 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion: 139 Resp: 296187
Ion Ratio Lower Upper
139 100
109 35.0 26.9 40.3
65 51.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 53.927 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

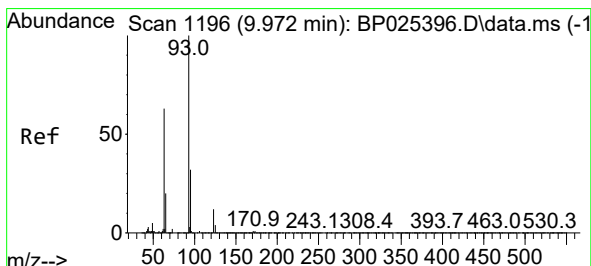
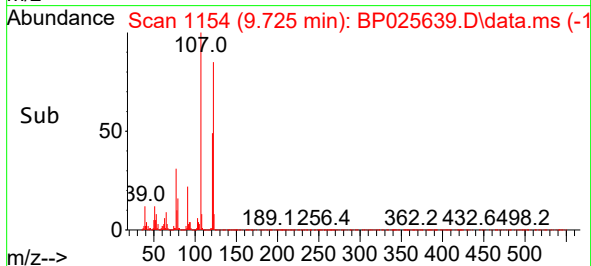
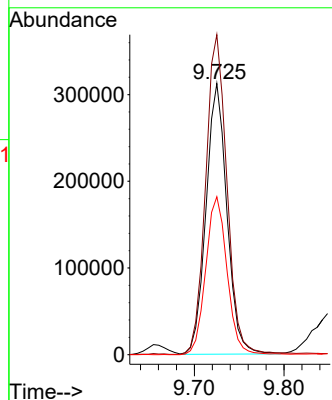
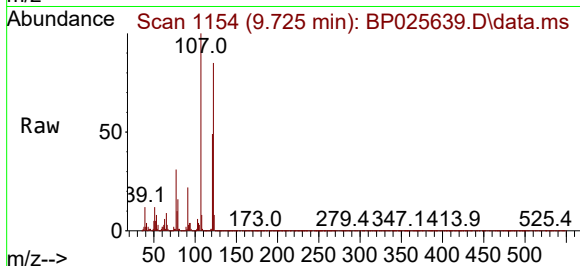
Tgt Ion:122 Resp: 505200

Ion Ratio Lower Upper

122 100

107 118.0 93.7 140.5

121 58.3 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 51.159 ng

RT: 9.949 min Scan# 1192

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

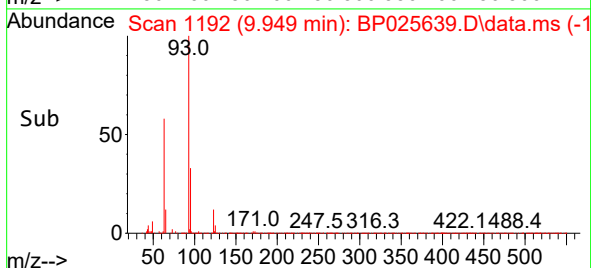
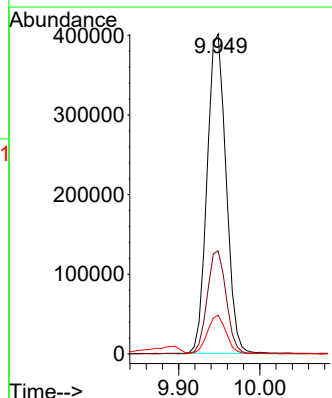
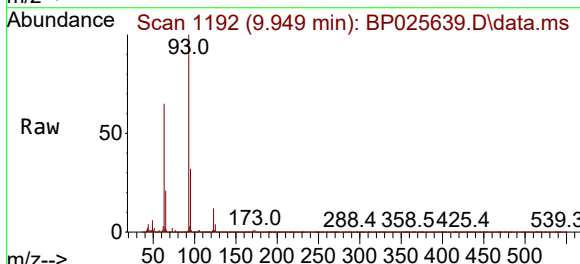
Tgt Ion: 93 Resp: 650018

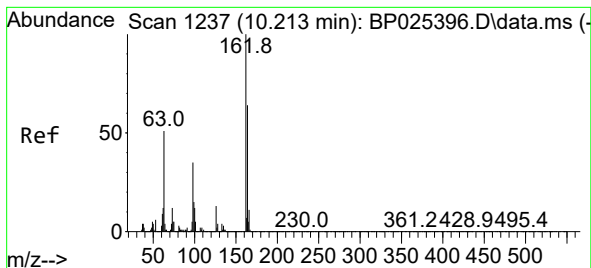
Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.0

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.469 ng

RT: 10.201 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

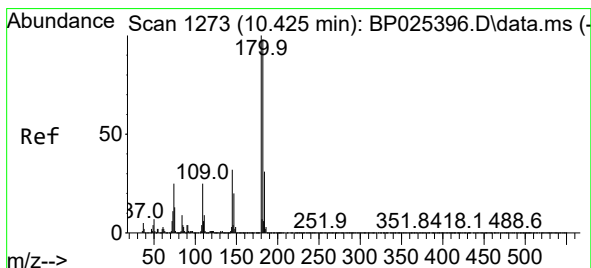
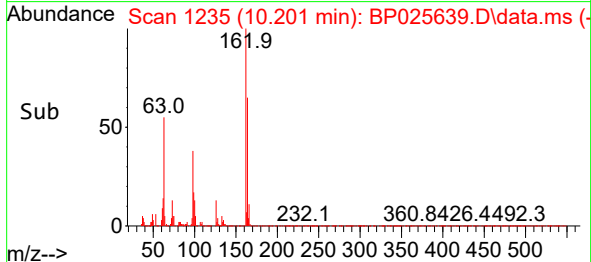
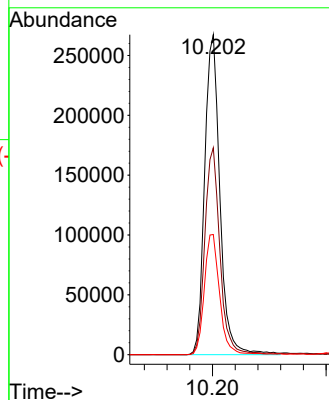
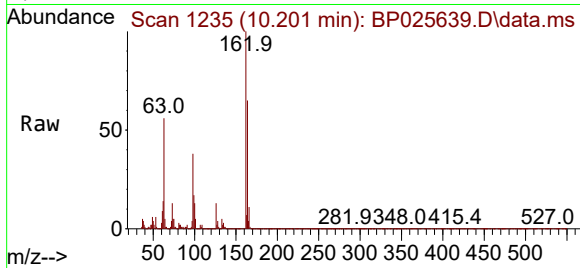
Tgt Ion:162 Resp: 497597

Ion Ratio Lower Upper

162 100

164 64.6 44.4 84.4

98 37.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 52.005 ng

RT: 10.402 min Scan# 1269

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

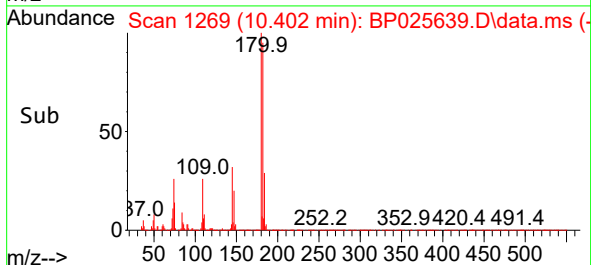
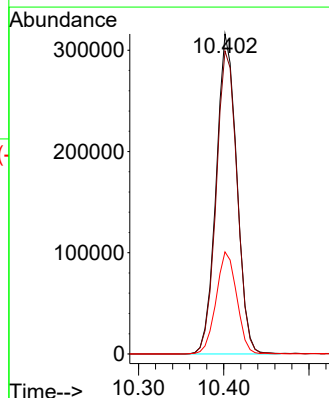
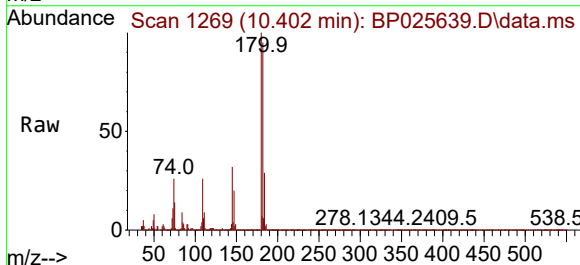
Tgt Ion:180 Resp: 530538

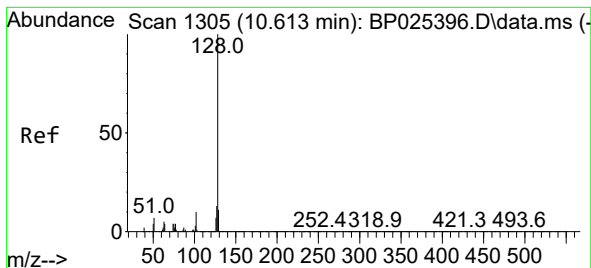
Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

145 31.9 25.9 38.9

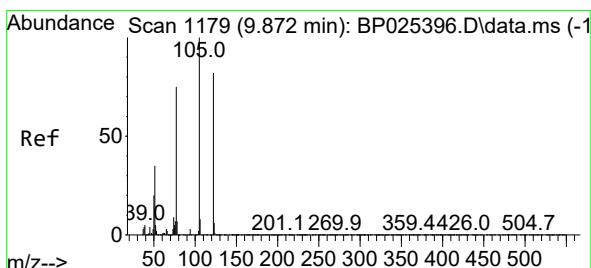
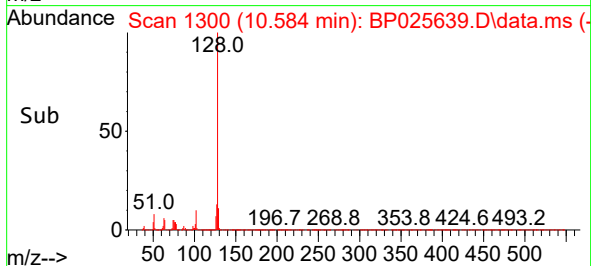
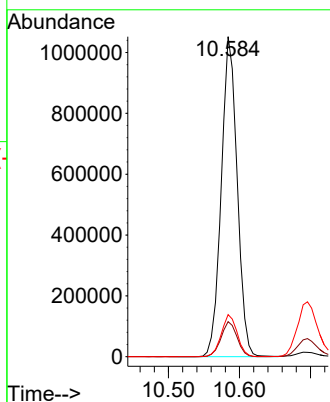
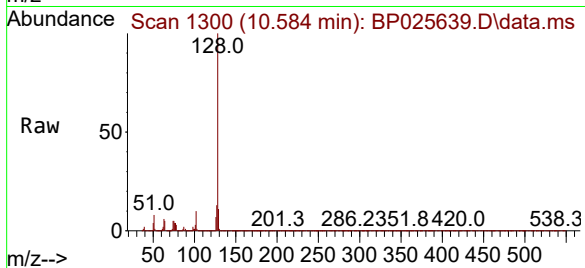




#31
Naphthalene
Concen: 52.220 ng
RT: 10.584 min Scan# 111
Delta R.T. -0.029 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

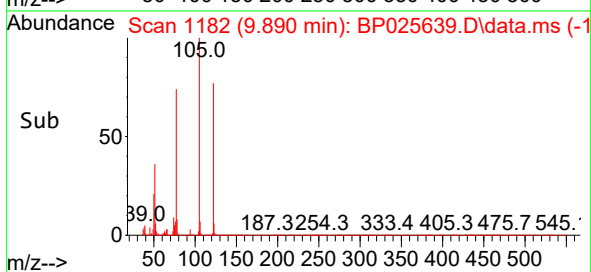
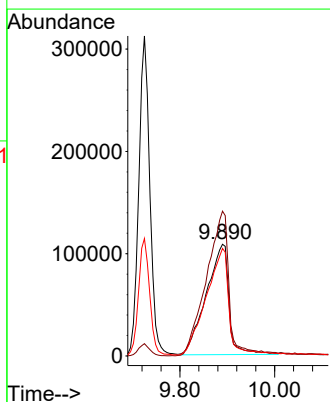
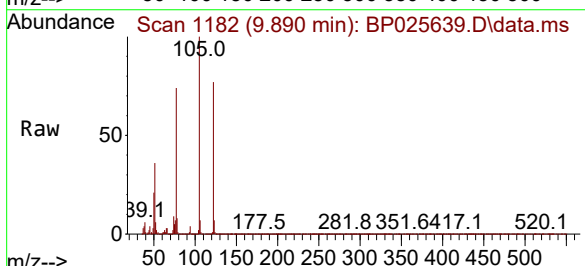
Instrument :
BNA_P
ClientSampleId :
PB169509BS

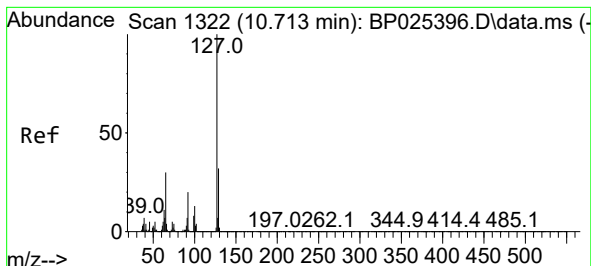
Tgt Ion:128 Resp: 1630681
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 52.336 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:122 Resp: 361971
Ion Ratio Lower Upper
122 100
105 129.7 100.6 140.6
77 96.3 71.5 111.5





#33

4-Chloroaniline

Concen: 27.130 ng

RT: 10.696 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

Tgt Ion:127 Resp: 374230

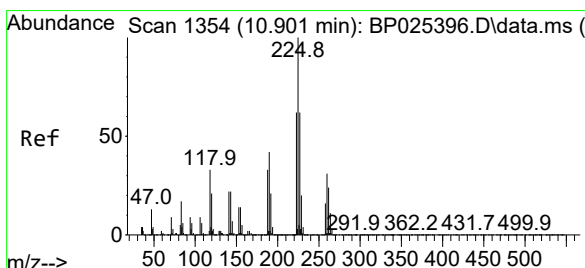
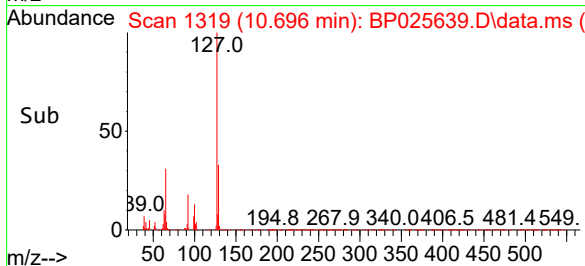
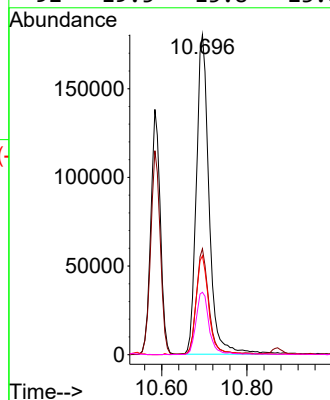
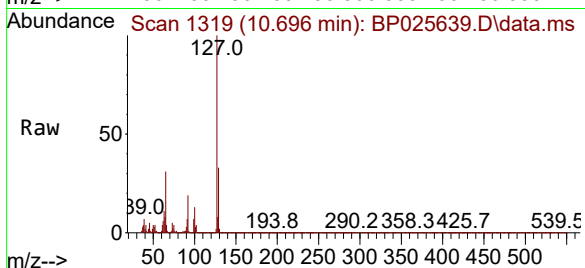
Ion Ratio Lower Upper

127 100

129 33.1 25.4 38.2

65 30.9 23.8 35.6

92 19.5 15.8 23.8



#34

Hexachlorobutadiene

Concen: 52.610 ng

RT: 10.872 min Scan# 1349

Delta R.T. -0.029 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

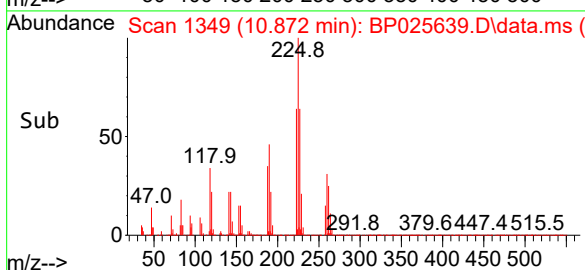
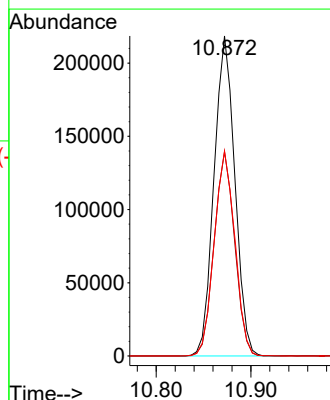
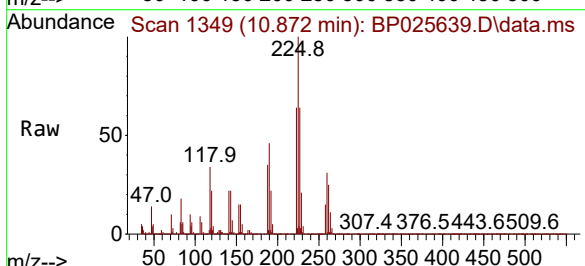
Tgt Ion:225 Resp: 334252

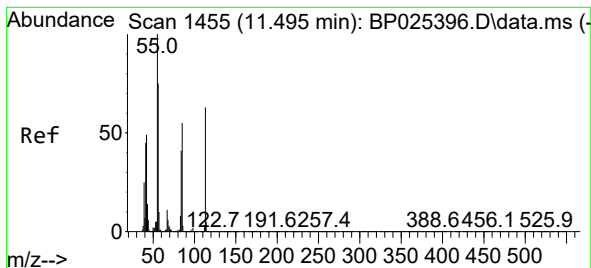
Ion Ratio Lower Upper

225 100

223 63.9 50.0 75.0

227 64.1 49.7 74.5

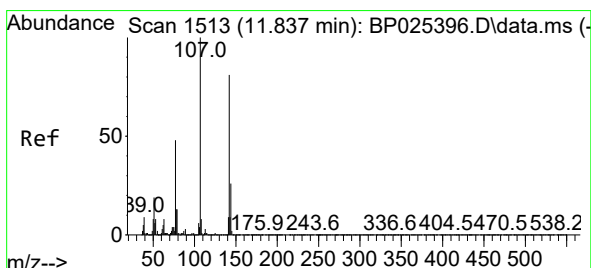
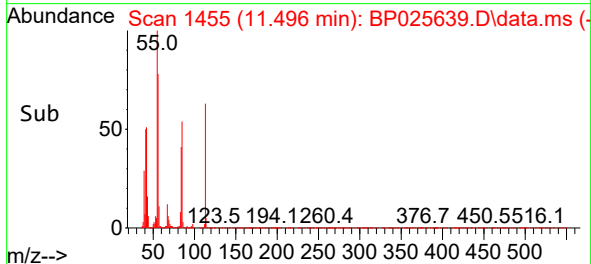
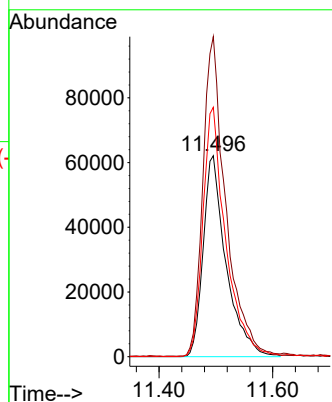
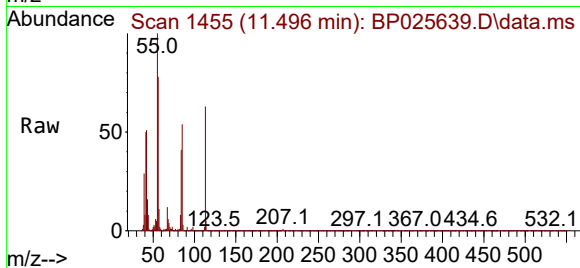




#35
 Caprolactam
 Concen: 50.856 ng
 RT: 11.496 min Scan# 1455
 Delta R.T. 0.000 min
 Lab File: BP025639.D
 Acq: 02 Sep 2025 15:29

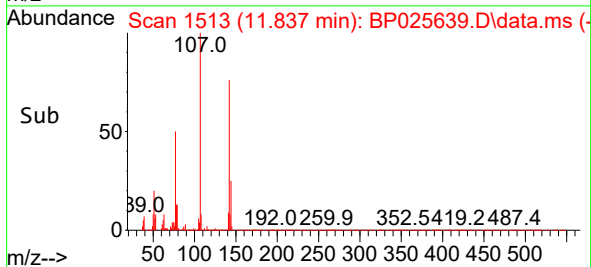
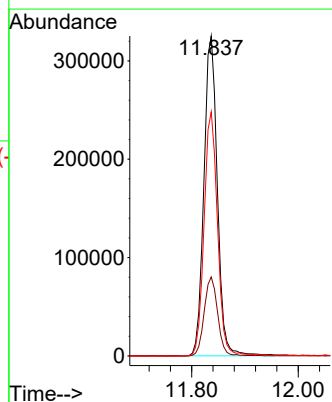
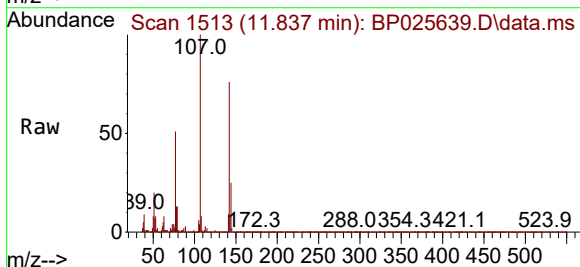
Instrument :
 BNA_P
 ClientSampleId :
 PB169509BS

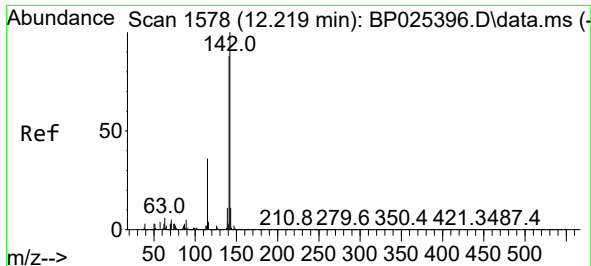
Tgt Ion:113 Resp: 173544
 Ion Ratio Lower Upper
 113 100
 55 159.2 140.0 180.0
 56 124.1 100.0 140.0



#36
 4-Chloro-3-methylphenol
 Concen: 53.342 ng
 RT: 11.837 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: BP025639.D
 Acq: 02 Sep 2025 15:29

Tgt Ion:107 Resp: 569622
 Ion Ratio Lower Upper
 107 100
 144 24.7 21.0 31.4
 142 76.3 64.6 97.0

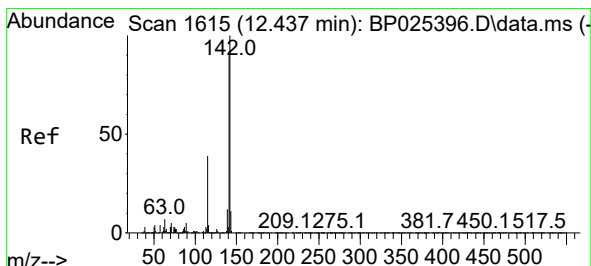
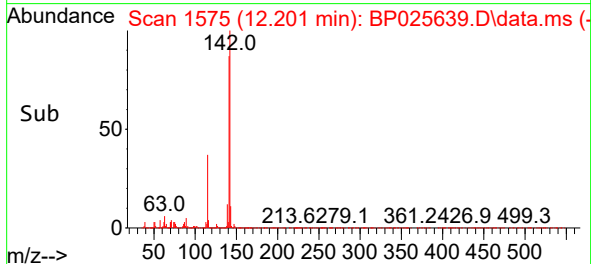
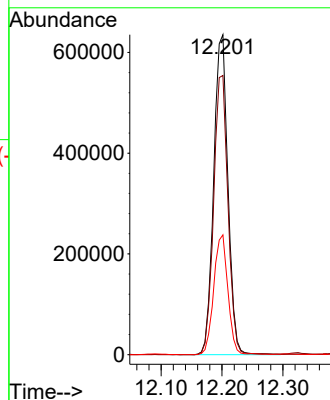
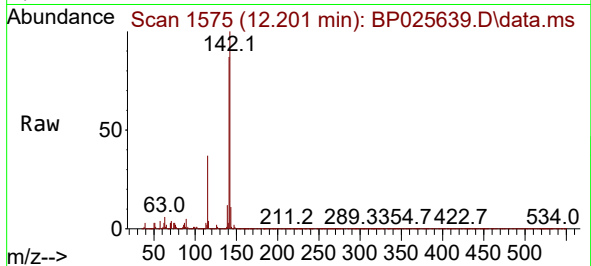




#37
2-Methylnaphthalene
Concen: 50.704 ng
RT: 12.201 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

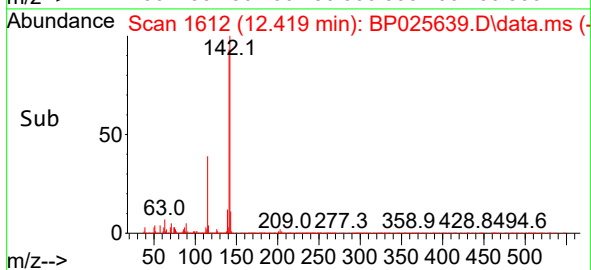
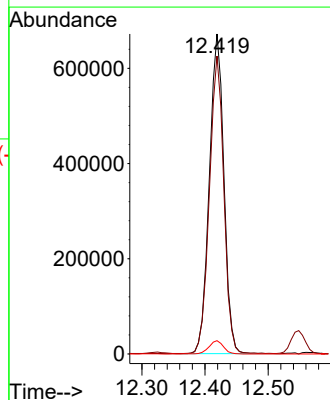
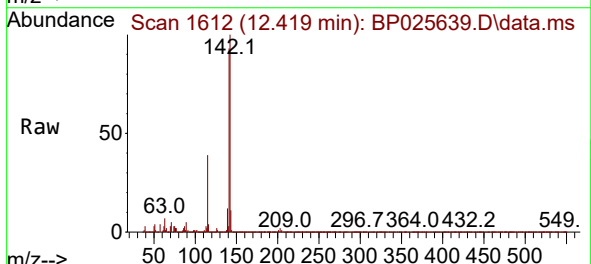
Instrument :
BNA_P
ClientSampleId :
PB169509BS

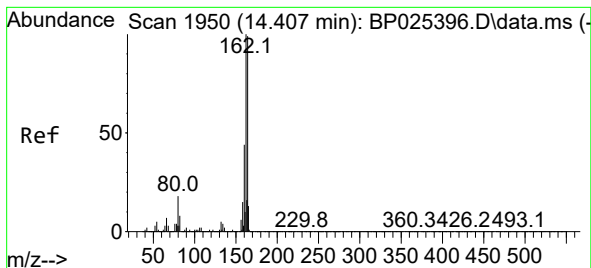
Tgt Ion:142 Resp: 1030400
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5
115 37.4 28.9 43.3



#38
1-Methylnaphthalene
Concen: 49.748 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:142 Resp: 1075133
Ion Ratio Lower Upper
142 100
141 93.1 73.1 109.7
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.384 min Scan# 1946

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

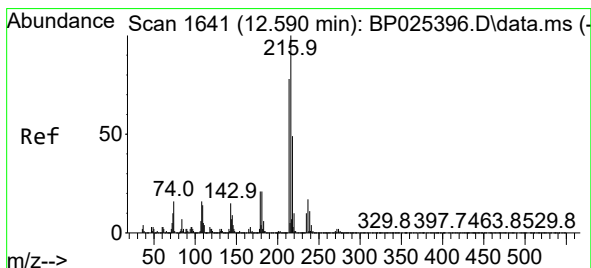
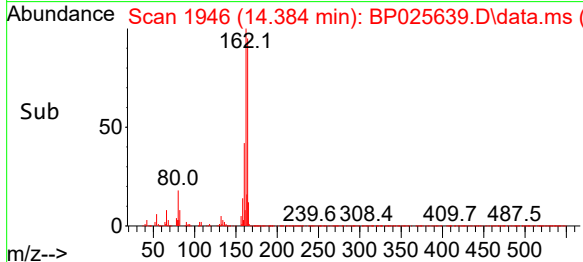
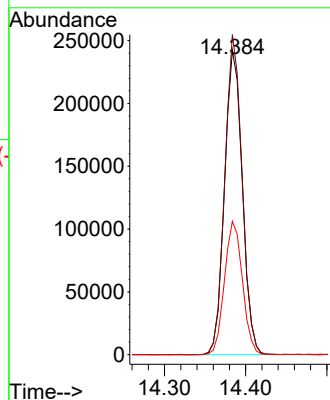
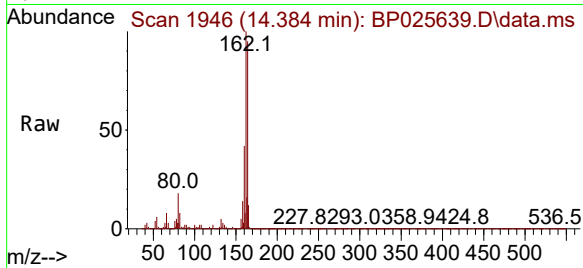
Tgt Ion:164 Resp: 368837

Ion Ratio Lower Upper

164 100

162 105.0 81.0 121.6

160 43.7 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.823 ng

RT: 12.572 min Scan# 1638

Delta R.T. -0.018 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Tgt Ion:216 Resp: 594650

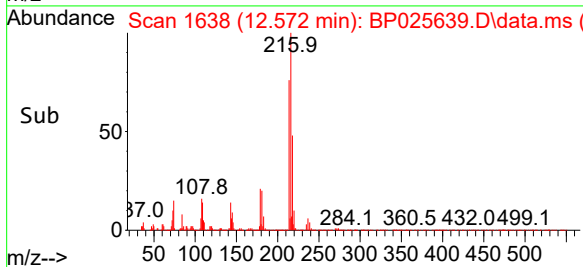
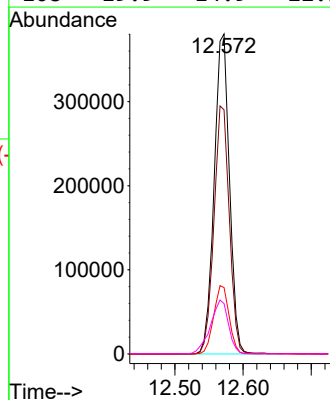
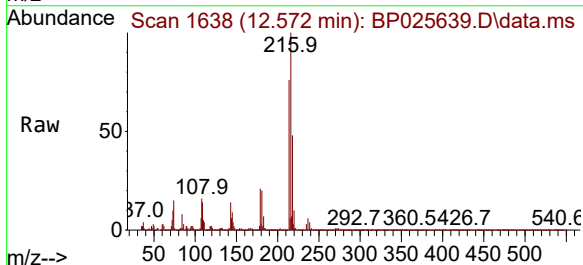
Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.4

179 21.6 17.1 25.7

108 19.9 14.9 22.3

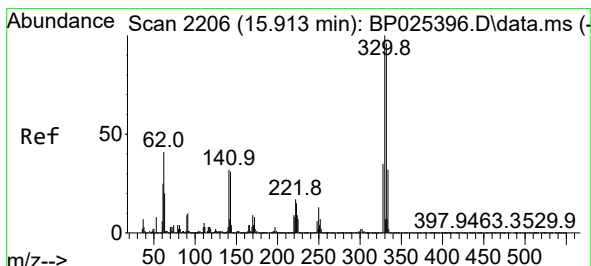
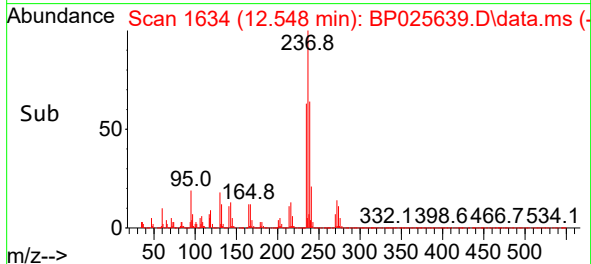
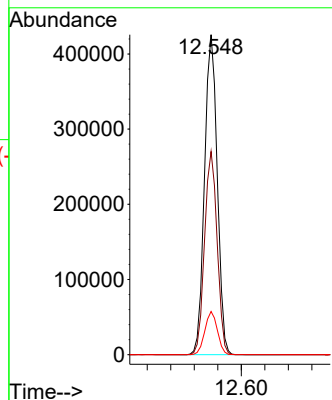
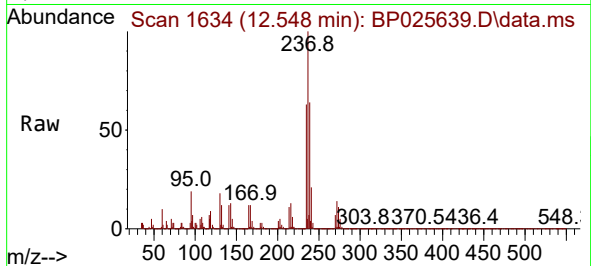




#41
Hexachlorocyclopentadiene
Concen: 99.410 ng
RT: 12.548 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

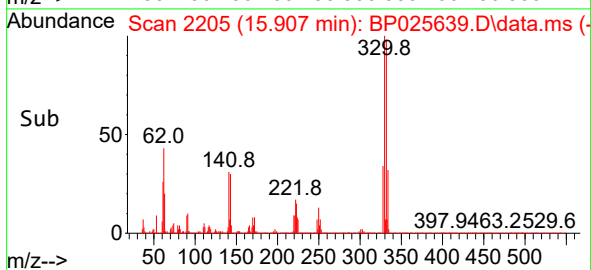
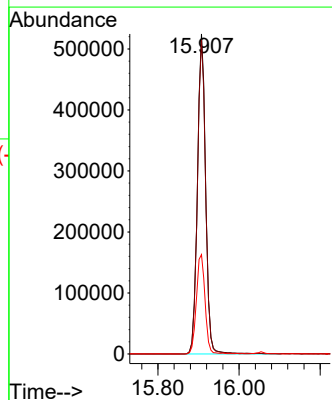
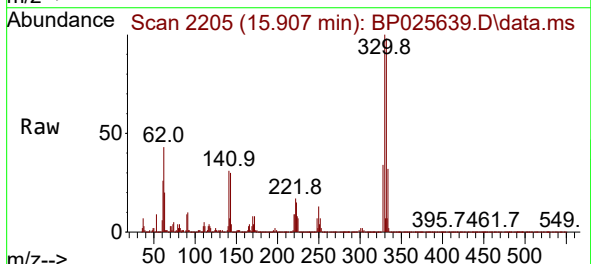
Instrument :
BNA_P
ClientSampleId :
PB169509BS

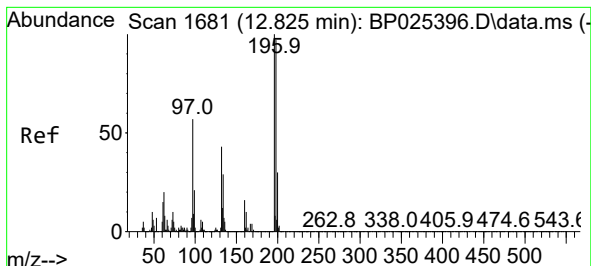
Tgt Ion:237 Resp: 639649
Ion Ratio Lower Upper
237 100
235 63.5 42.7 82.7
272 13.5 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 149.489 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:330 Resp: 742148
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 32.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 56.075 ng

RT: 12.813 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

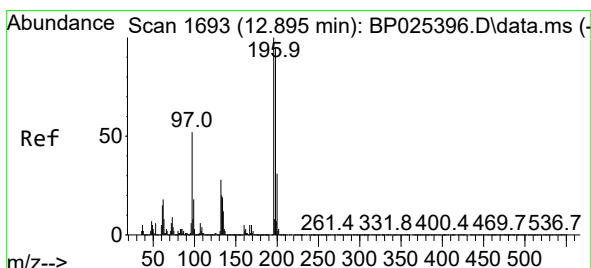
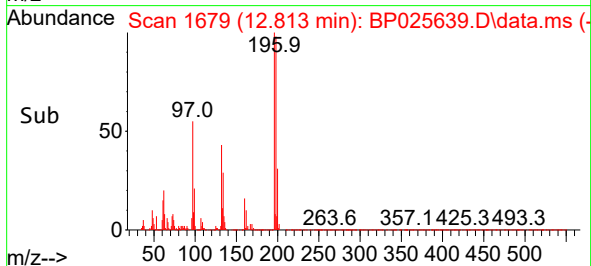
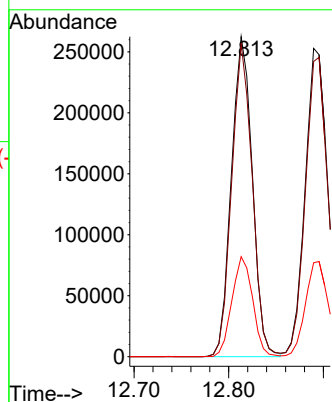
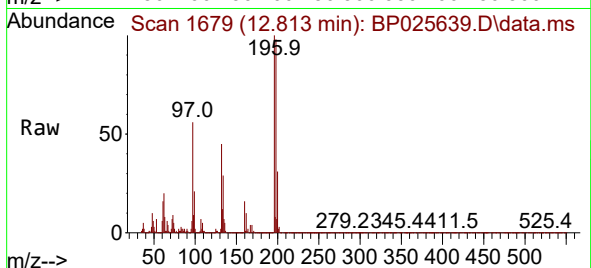
Tgt Ion:196 Resp: 403270

Ion Ratio Lower Upper

196 100

198 98.0 77.2 115.8

200 31.2 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 55.512 ng

RT: 12.890 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Tgt Ion:196 Resp: 437531

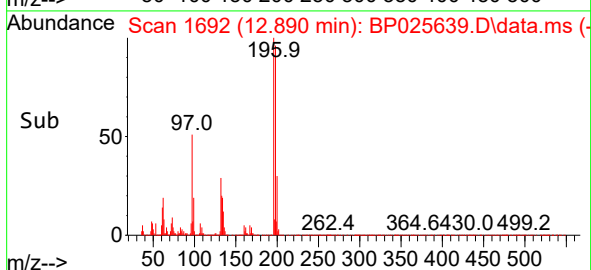
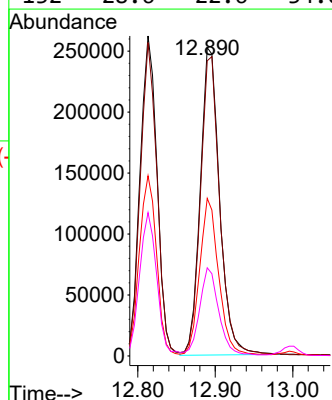
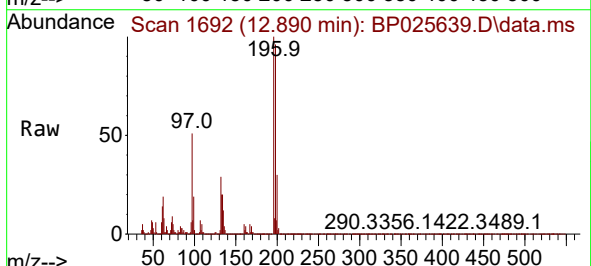
Ion Ratio Lower Upper

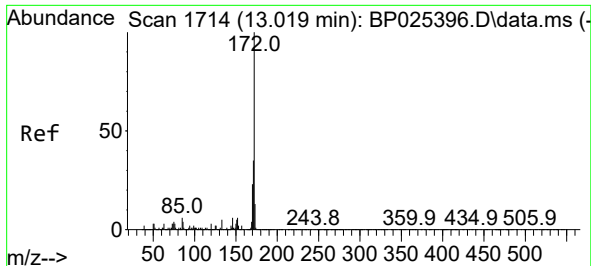
196 100

198 95.7 76.2 114.2

97 51.1 41.2 61.8

132 28.6 22.6 34.0

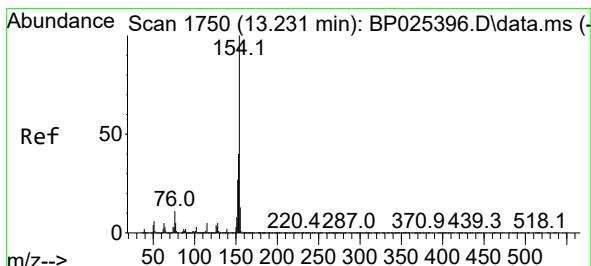
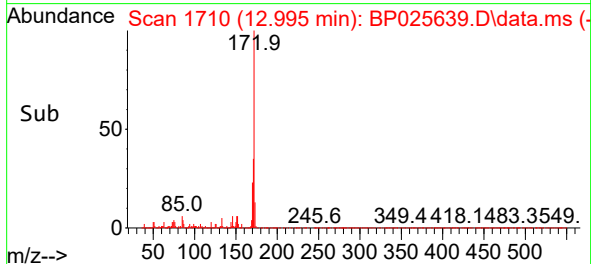
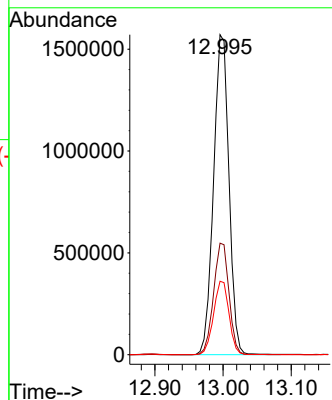
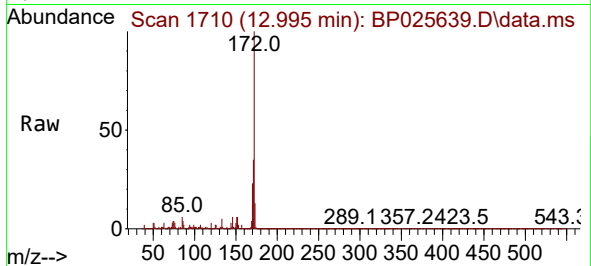




#45
2-Fluorobiphenyl
Concen: 91.402 ng
RT: 12.995 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

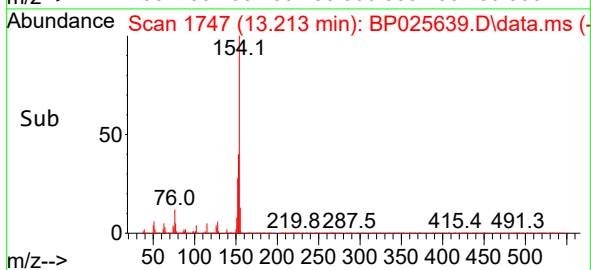
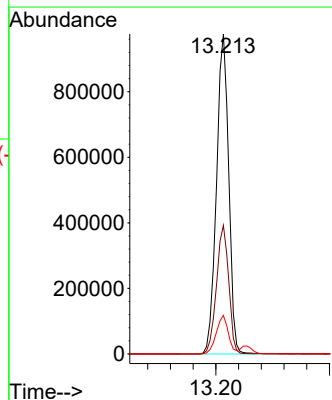
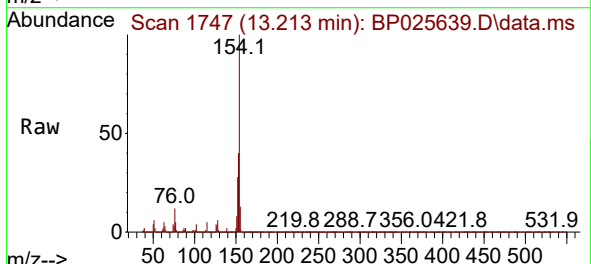
Instrument :
BNA_P
ClientSampleId :
PB169509BS

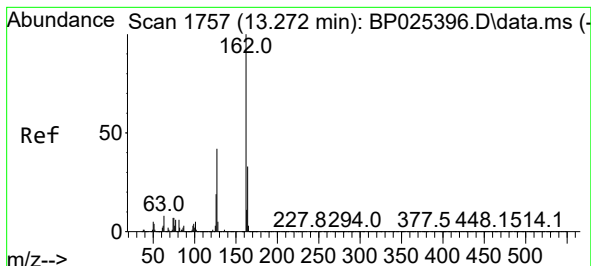
Tgt Ion:172 Resp: 2466735
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 54.188 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:154 Resp: 1451547
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 12.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 53.476 ng

RT: 13.254 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

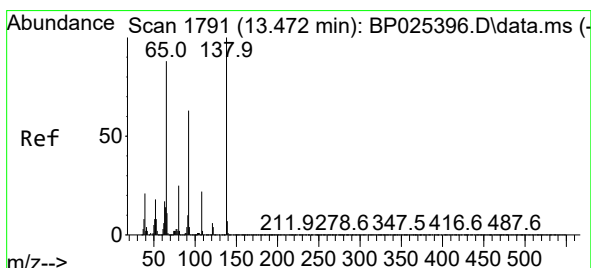
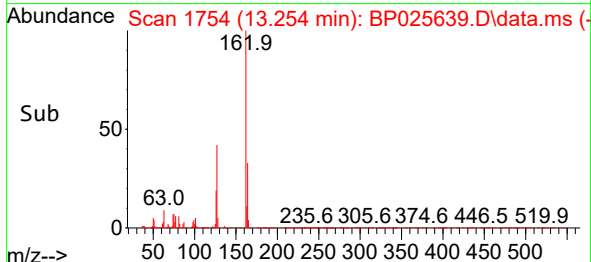
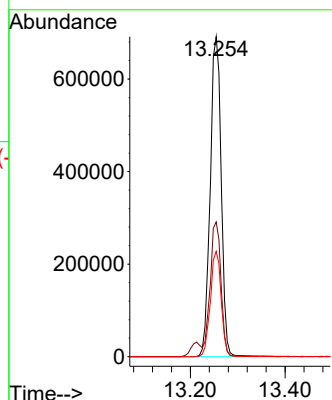
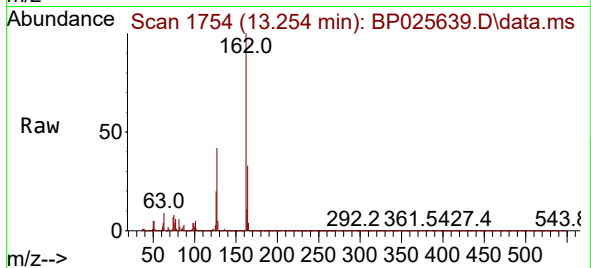
Tgt Ion:162 Resp: 1115158

Ion Ratio Lower Upper

162 100

127 42.1 33.4 50.2

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 58.193 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.018 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

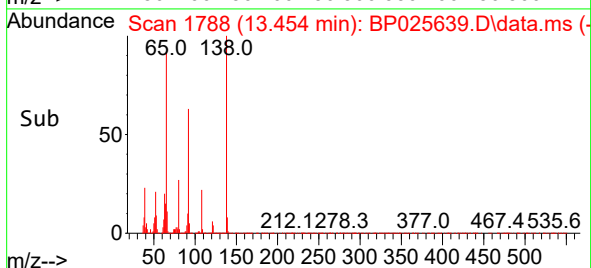
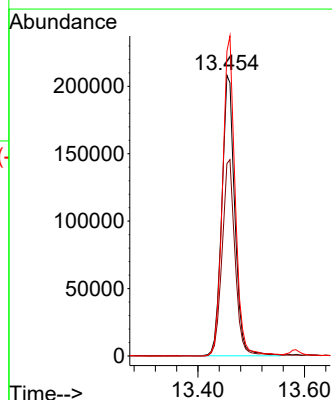
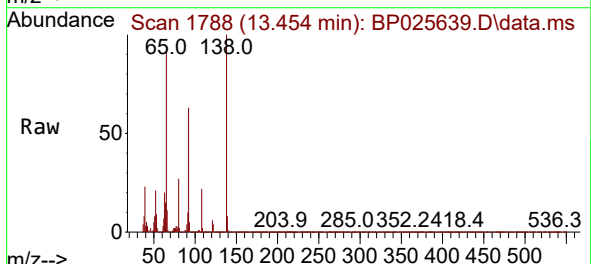
Tgt Ion: 65 Resp: 353592

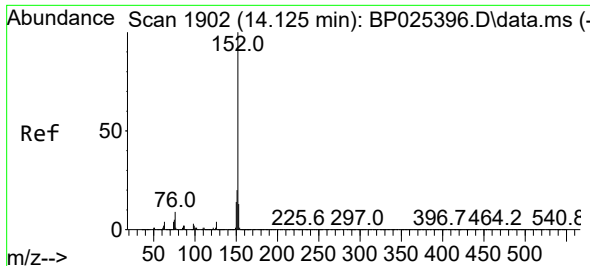
Ion Ratio Lower Upper

65 100

92 68.6 57.6 86.4

138 108.5 91.0 136.6

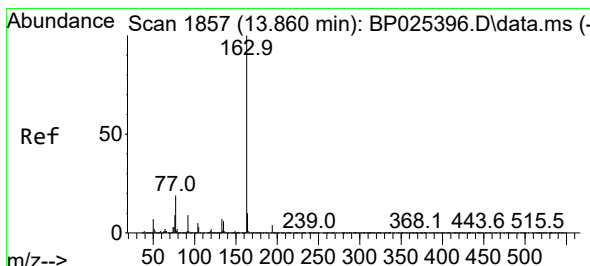
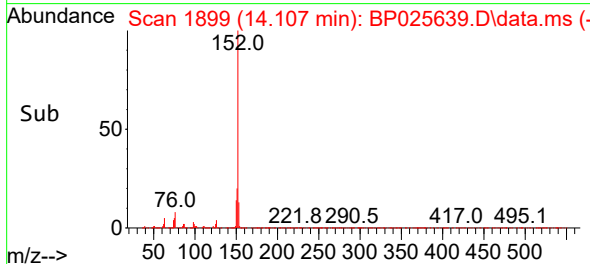
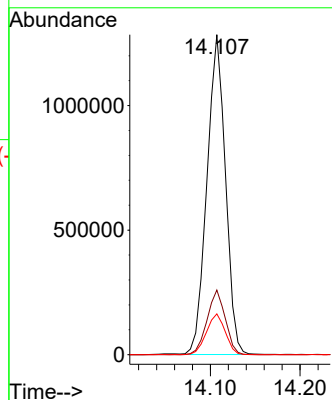
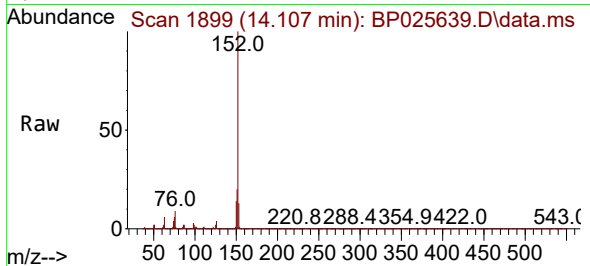




#49
Acenaphthylene
Concen: 53.319 ng
RT: 14.107 min Scan# 1899
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

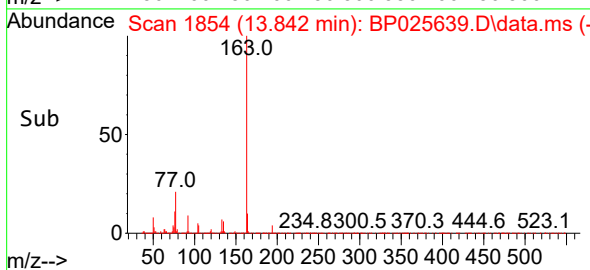
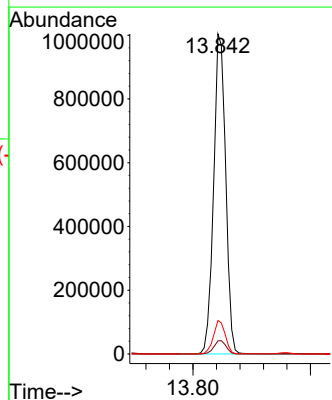
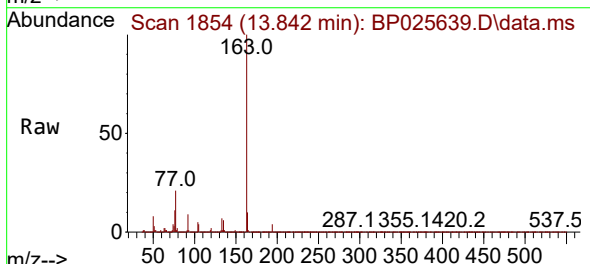
Instrument :
BNA_P
ClientSampleId :
PB169509BS

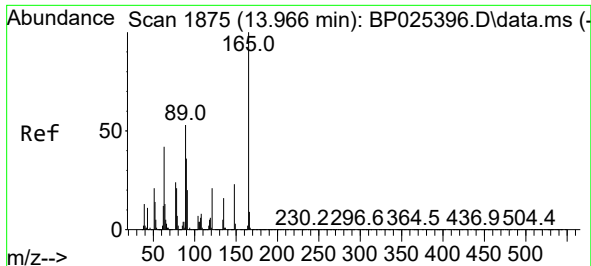
Tgt Ion:152 Resp: 1839877
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.7 10.6 15.8



#50
Dimethylphthalate
Concen: 52.851 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:163 Resp: 1427474
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.5 7.9 11.9

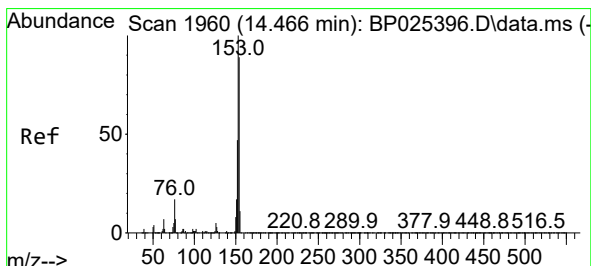
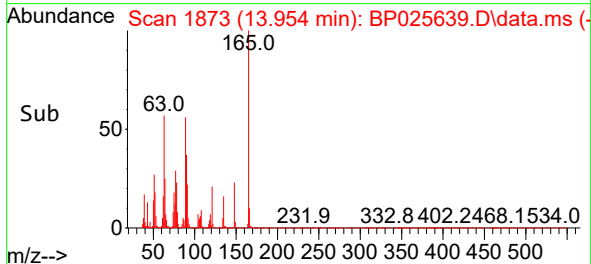
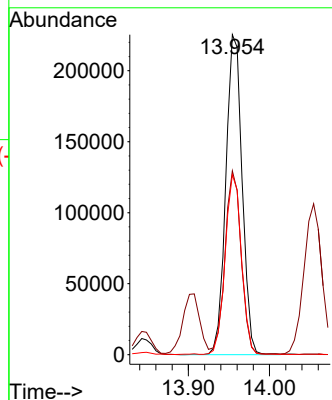
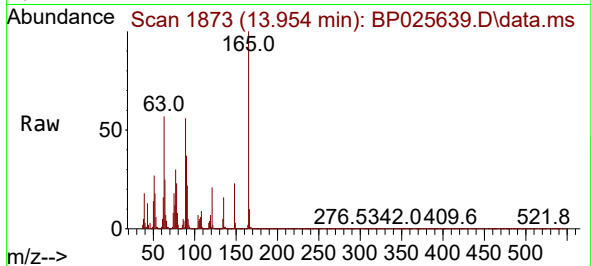




#51
2,6-Dinitrotoluene
Concen: 55.290 ng
RT: 13.954 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

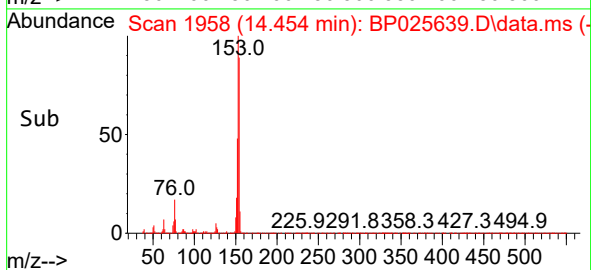
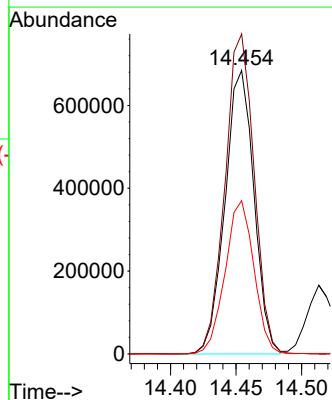
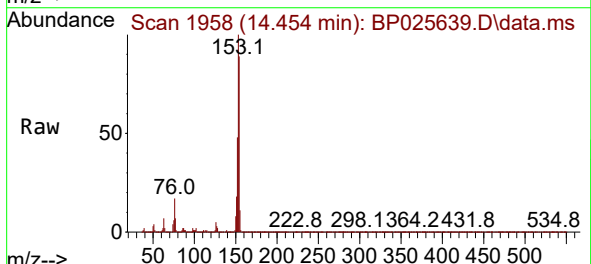
Instrument :
BNA_P
ClientSampleId :
PB169509BS

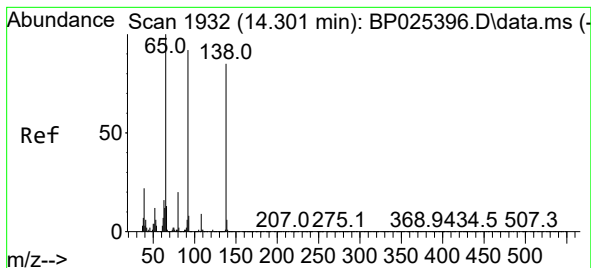
Tgt Ion:165 Resp: 314757
Ion Ratio Lower Upper
165 100
63 57.4 40.9 61.3
89 56.3 42.1 63.1



#52
Acenaphthene
Concen: 51.970 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:154 Resp: 1052625
Ion Ratio Lower Upper
154 100
153 112.8 90.2 135.2
152 54.0 42.1 63.1

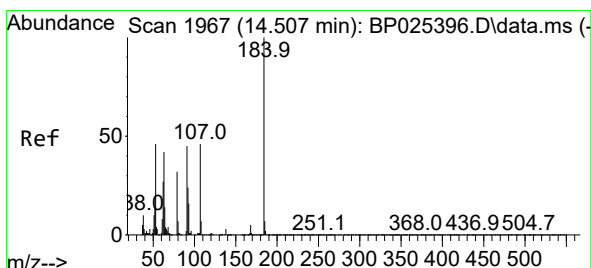
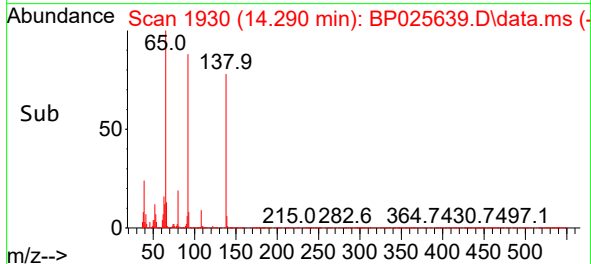
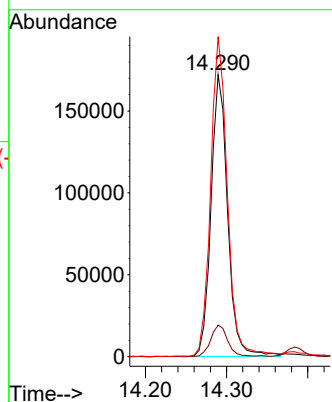
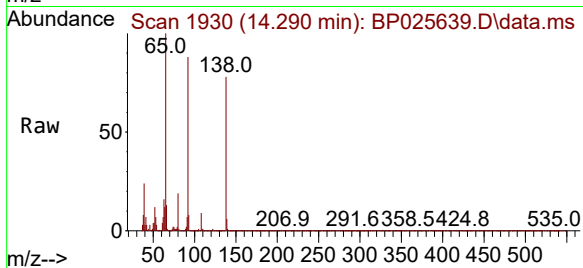




#53
3-Nitroaniline
Concen: 38.173 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

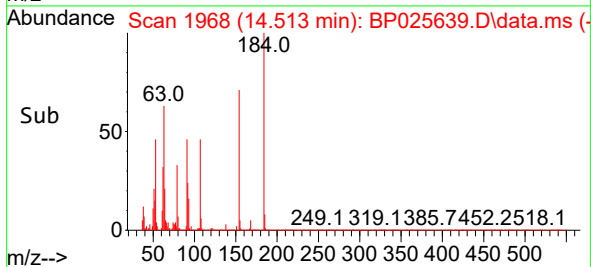
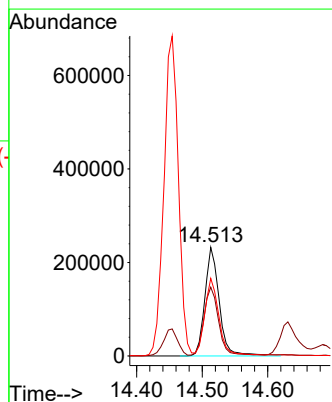
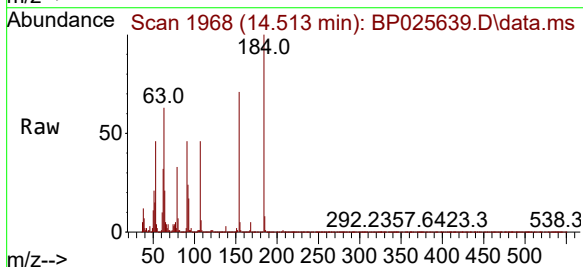
Instrument :
BNA_P
ClientSampleId :
PB169509BS

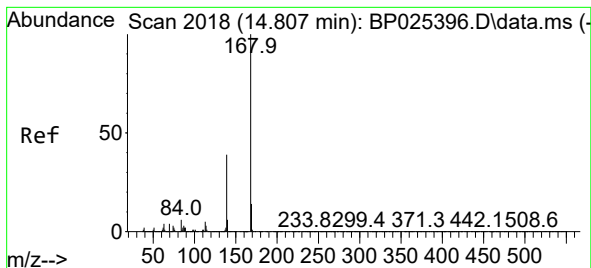
Tgt Ion:138 Resp: 244495
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 113.5 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 117.491 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:184 Resp: 357187
Ion Ratio Lower Upper
184 100
63 63.4 49.4 74.2
154 71.5 54.6 82.0





#55

Dibenzenofuran

Concen: 52.700 ng

RT: 14.795 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

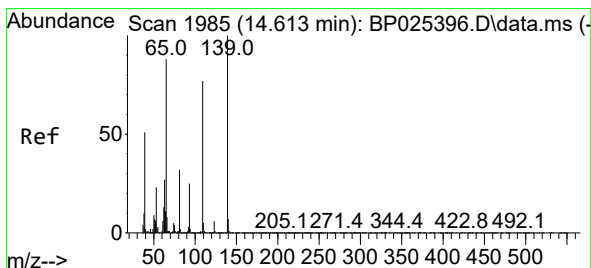
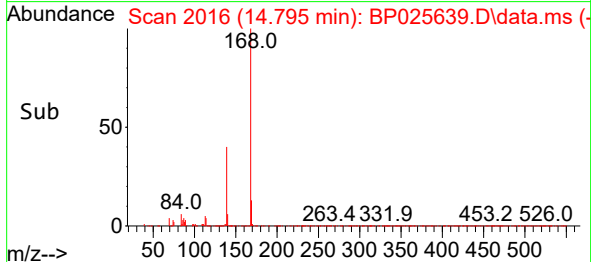
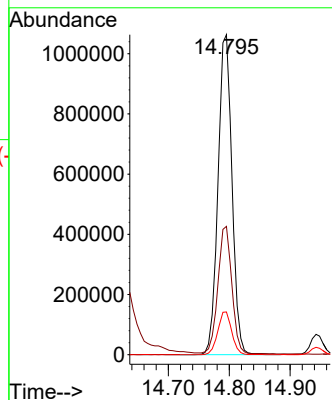
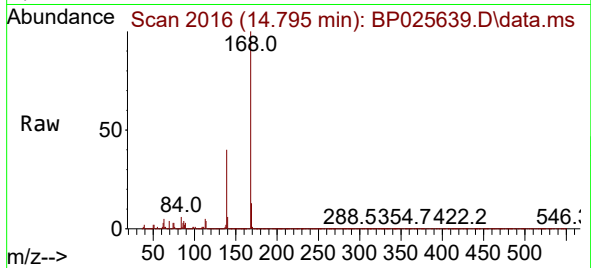
Tgt Ion:168 Resp: 1687600

Ion Ratio Lower Upper

168 100

139 40.1 31.5 47.3

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 99.006 ng

RT: 14.631 min Scan# 1988

Delta R.T. 0.018 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

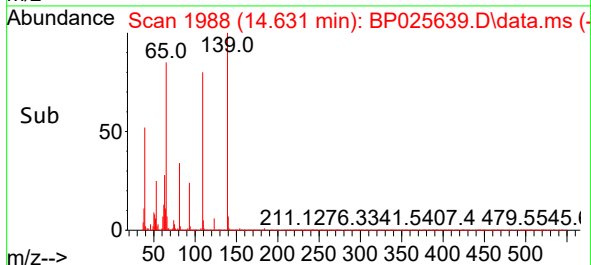
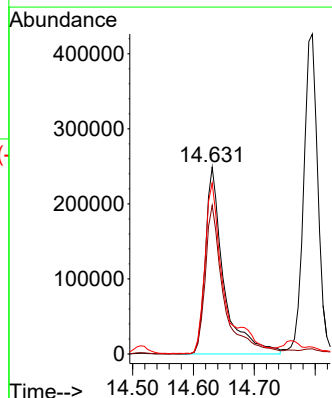
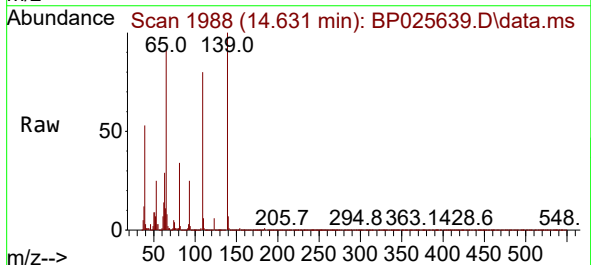
Tgt Ion:139 Resp: 521090

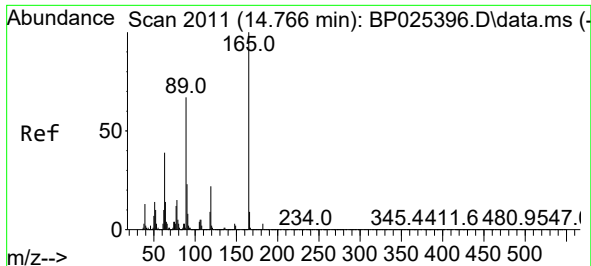
Ion Ratio Lower Upper

139 100

109 79.5 56.6 96.6

65 91.5 68.2 108.2

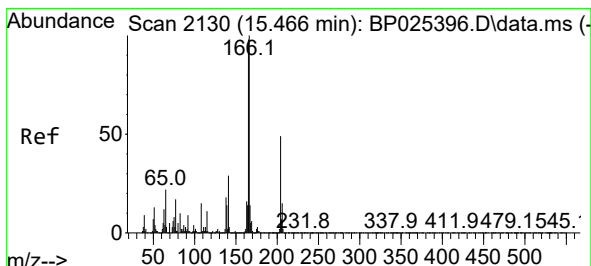
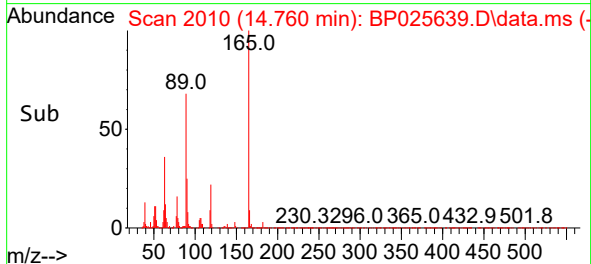
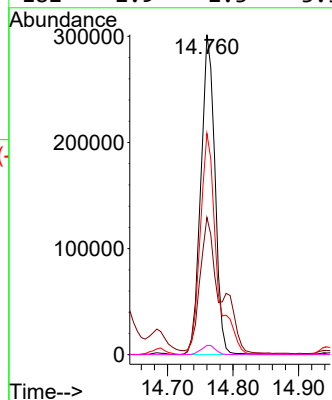
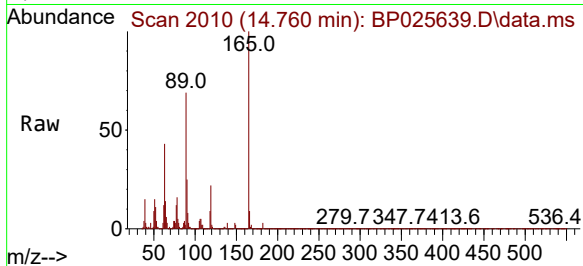




#57
2,4-Dinitrotoluene
Concen: 55.644 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

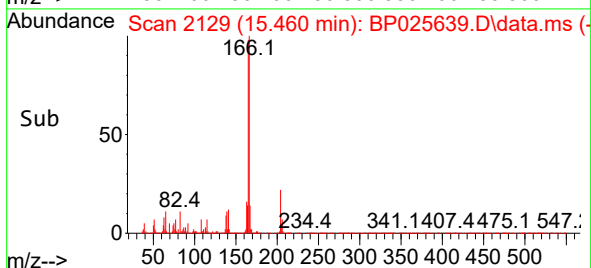
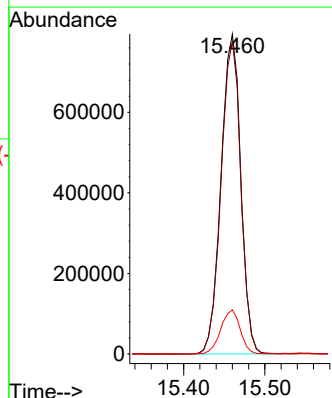
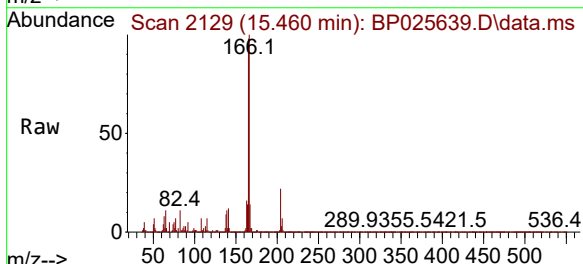
Instrument :
BNA_P
ClientSampleId :
PB169509BS

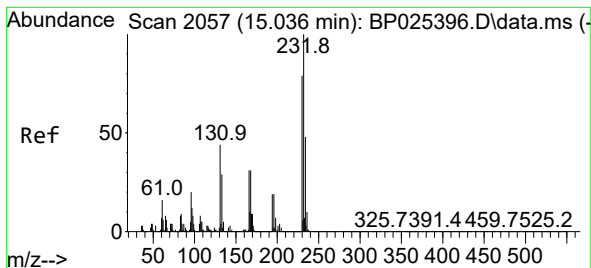
Tgt Ion:165 Resp: 451951
Ion Ratio Lower Upper
165 100
63 42.9 31.4 47.2
89 69.1 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 53.229 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:166 Resp: 1345007
Ion Ratio Lower Upper
166 100
165 97.8 78.8 118.2
167 13.8 11.0 16.4

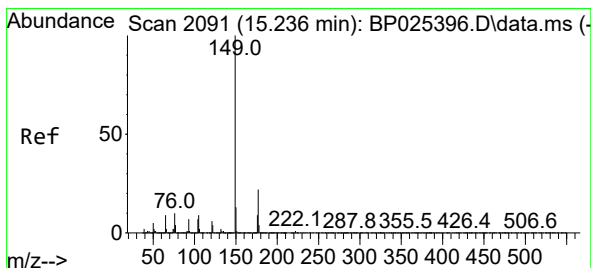
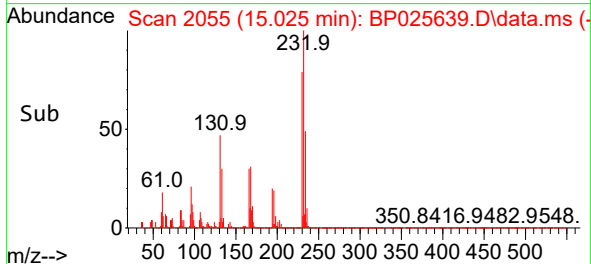
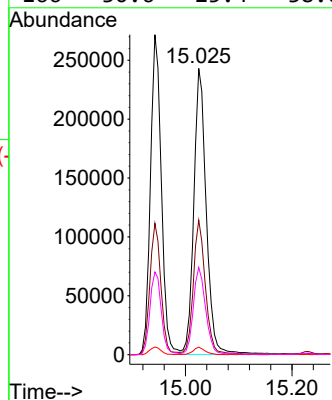
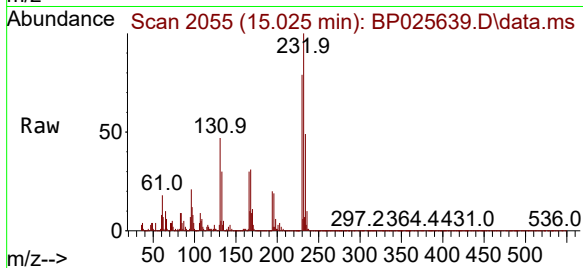




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.478 ng
RT: 15.025 min Scan# 2055
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

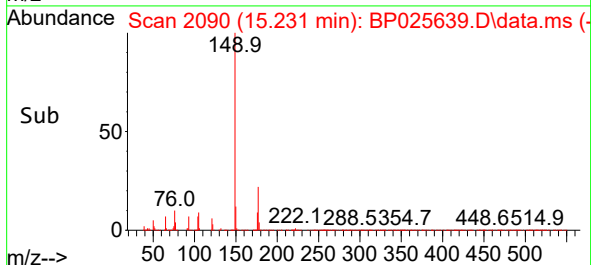
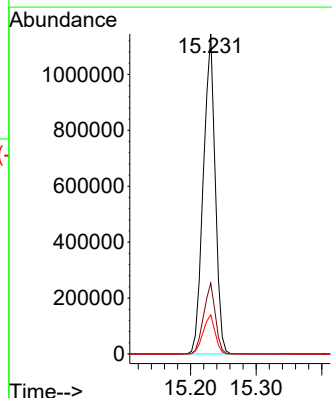
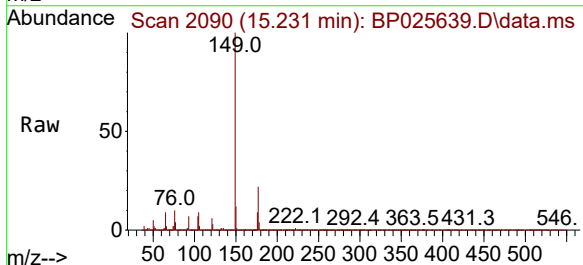
Instrument :
BNA_P
ClientSampleId :
PB169509BS

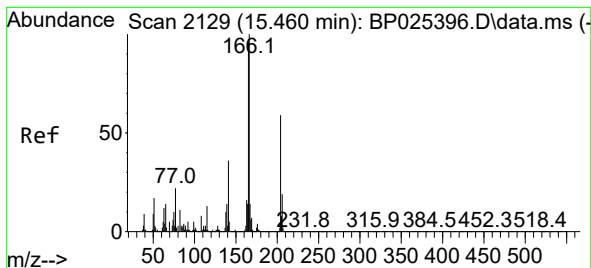
Tgt Ion:232 Resp: 393054
Ion Ratio Lower Upper
232 100
131 45.1 37.0 55.6
130 2.5 1.9 2.9
166 30.6 25.4 38.0



#60
Diethylphthalate
Concen: 52.599 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:149 Resp: 1443541
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.2 10.3 15.5

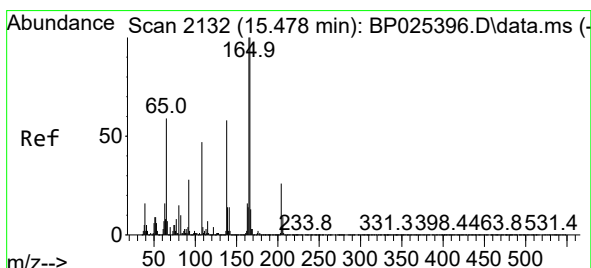
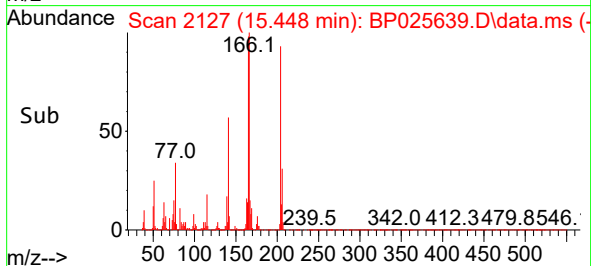
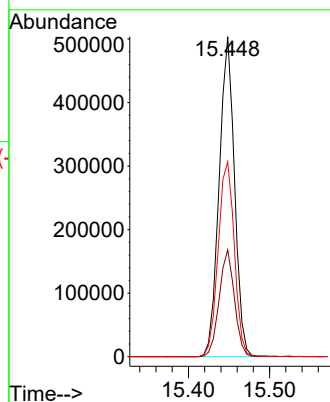
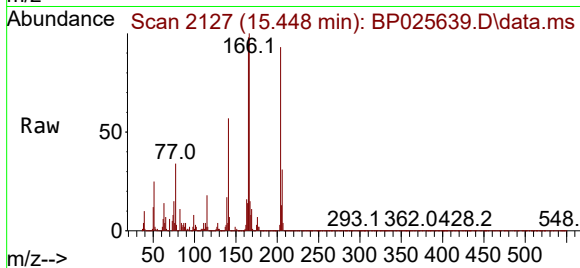




#61
4-Chlorophenyl-phenylether
Concen: 52.917 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

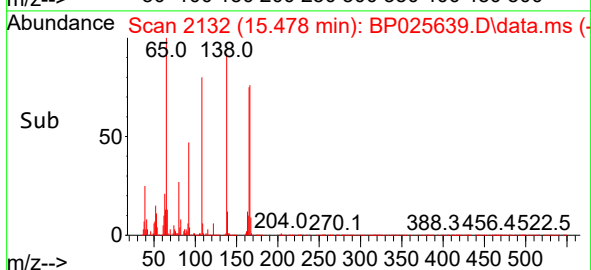
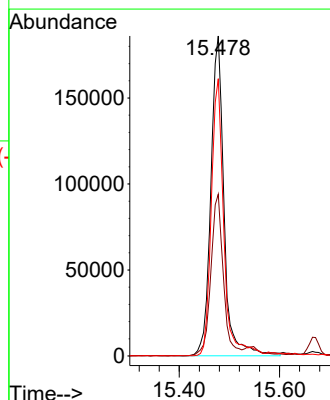
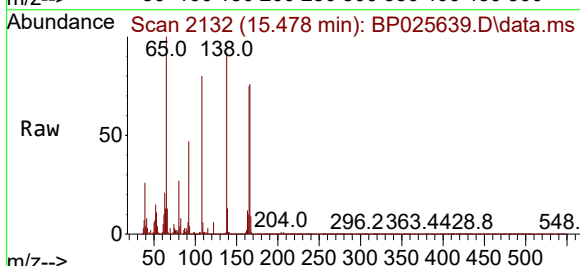
Instrument :
BNA_P
ClientSampleId :
PB169509BS

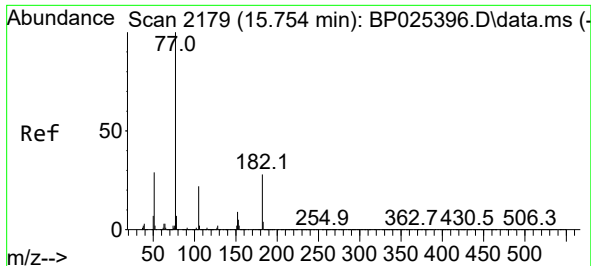
Tgt Ion:204 Resp: 664994
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 60.9 49.4 74.2



#62
4-Nitroaniline
Concen: 51.866 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:138 Resp: 340564
Ion Ratio Lower Upper
138 100
92 50.5 29.1 69.1
108 86.7 61.5 101.5

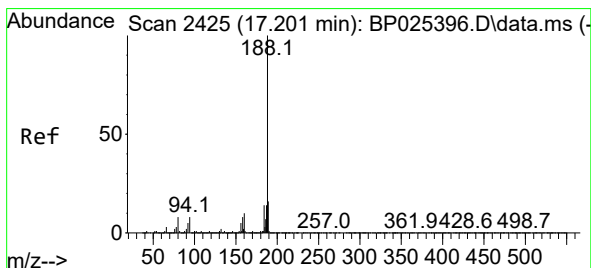
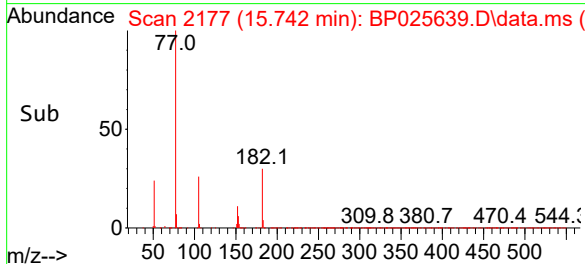
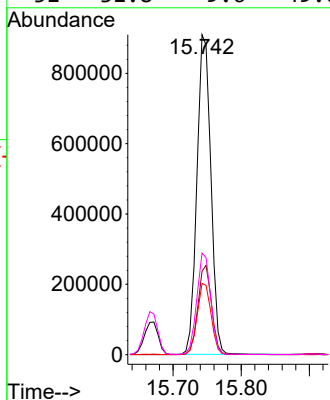
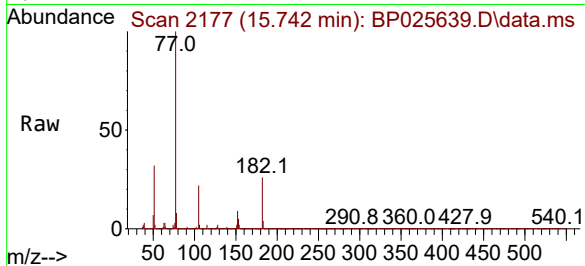




#63
Azobenzene
Concen: 54.985 ng
RT: 15.742 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

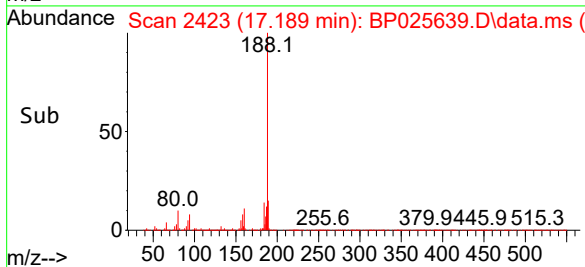
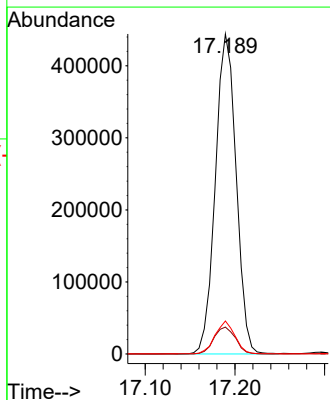
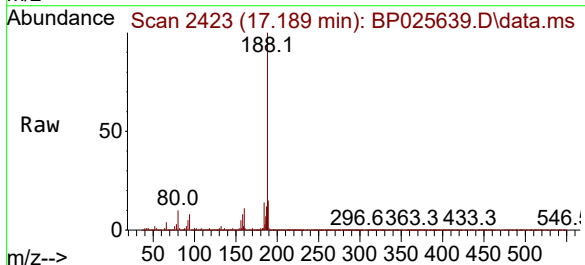
Instrument :
BNA_P
ClientSampleId :
PB169509BS

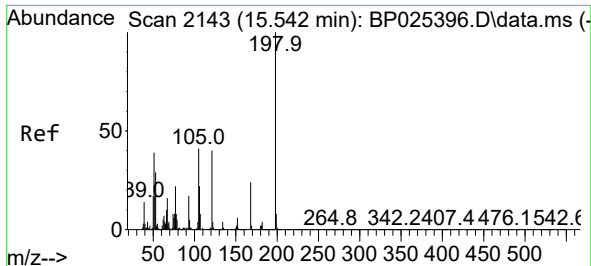
Tgt Ion: 77 Resp: 1292122
Ion Ratio Lower Upper
77 100
182 26.1 7.5 47.5
105 22.2 2.1 42.1
51 31.8 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:188 Resp: 714401
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.3 6.7 10.1#

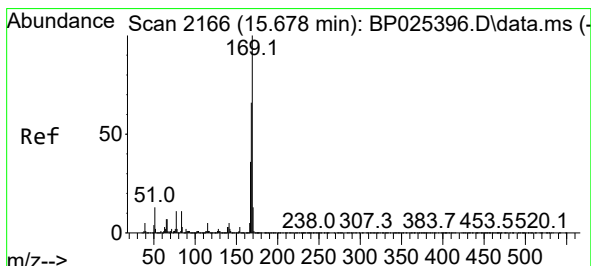
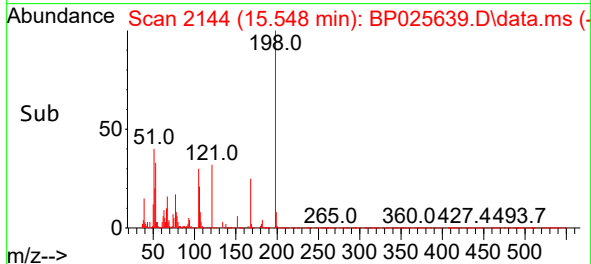
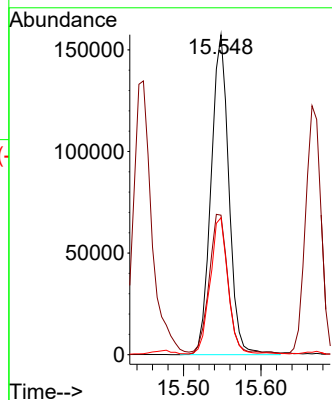
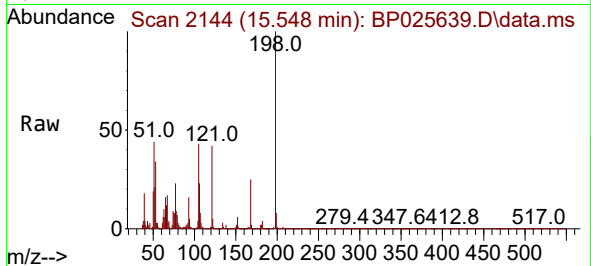




#65
4,6-Dinitro-2-methylphenol
Concen: 56.481 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

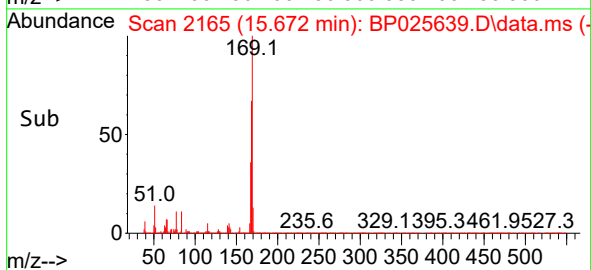
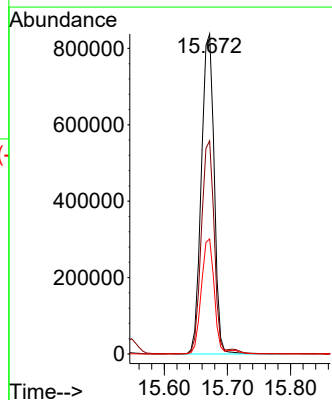
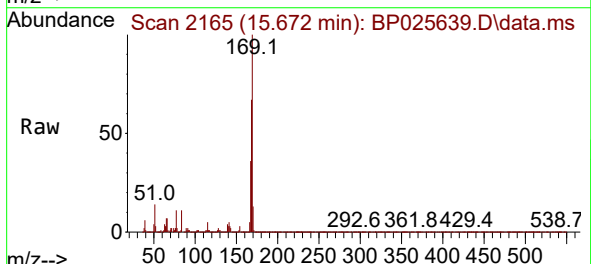
Instrument :
BNA_P
ClientSampleId :
PB169509BS

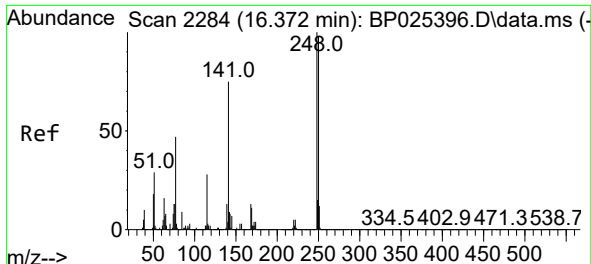
Tgt Ion:198 Resp: 251522
Ion Ratio Lower Upper
198 100
51 43.6 19.6 59.6
105 42.8 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 54.228 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:169 Resp: 1181357
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.0 28.7 43.1

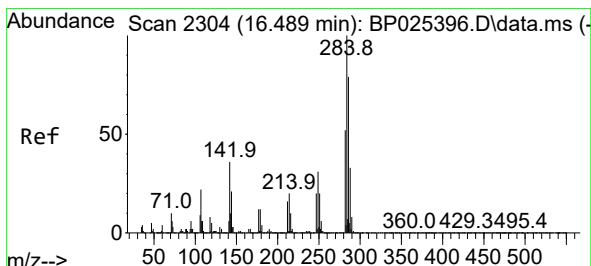
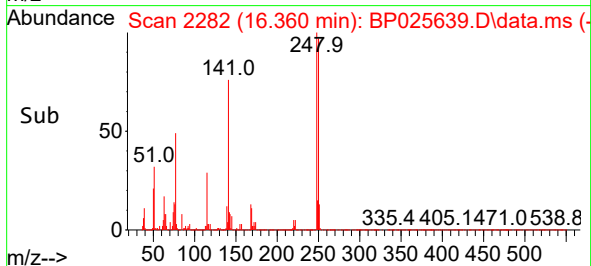
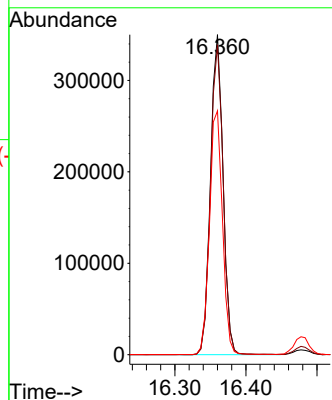
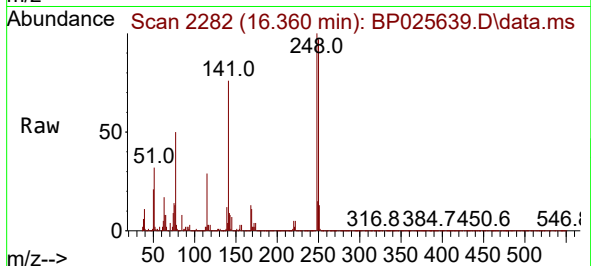




#67
4-Bromophenyl-phenylether
Concen: 54.957 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

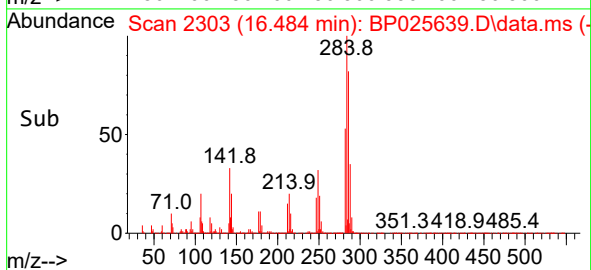
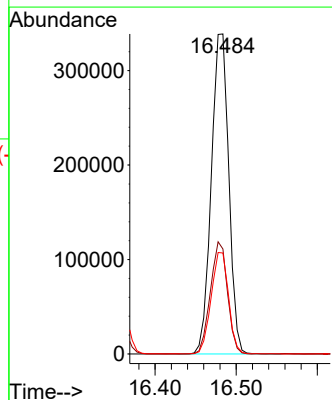
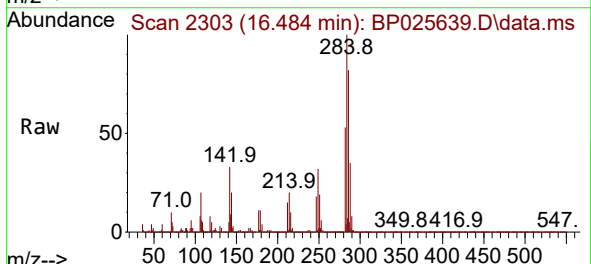
Instrument :
BNA_P
ClientSampleId :
PB169509BS

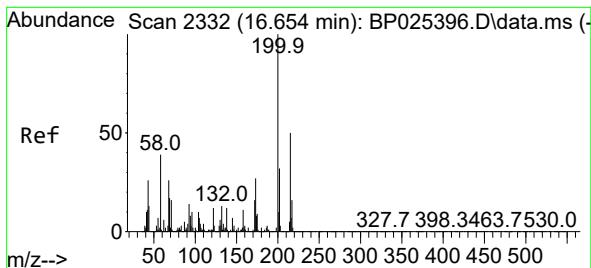
Tgt Ion:248 Resp: 431806
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.2
141 76.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 55.536 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:284 Resp: 505823
Ion Ratio Lower Upper
284 100
142 32.8 29.1 43.7
249 31.5 25.0 37.4





#69

Atrazine

Concen: 53.969 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

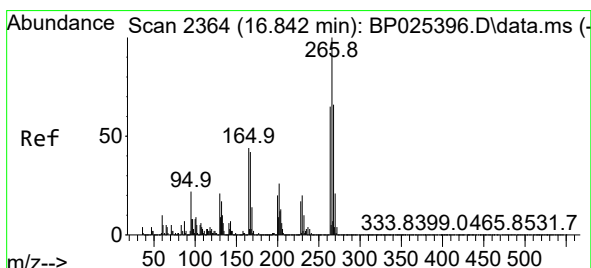
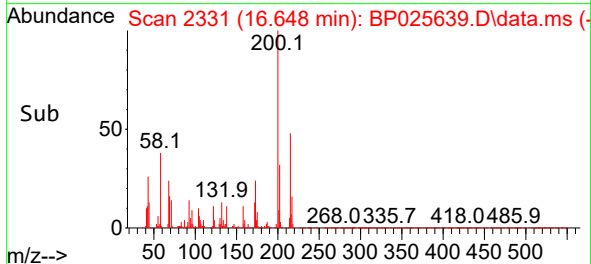
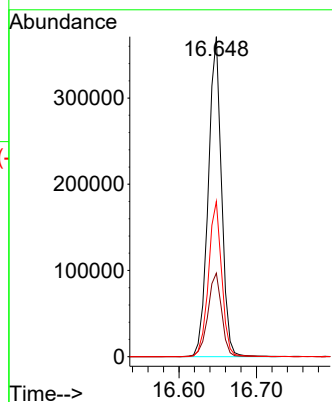
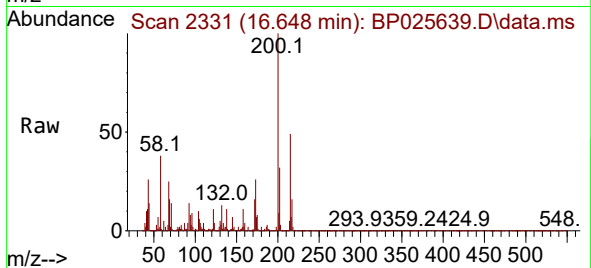
Tgt Ion:200 Resp: 440305

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

215 48.5 29.7 69.7



#70

Pentachlorophenol

Concen: 112.255 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

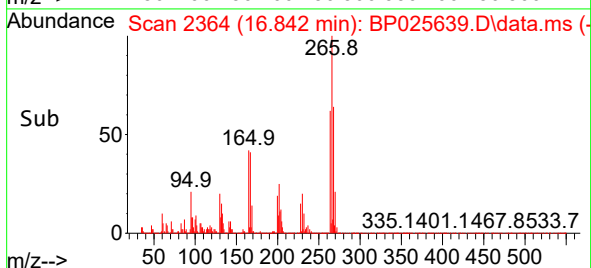
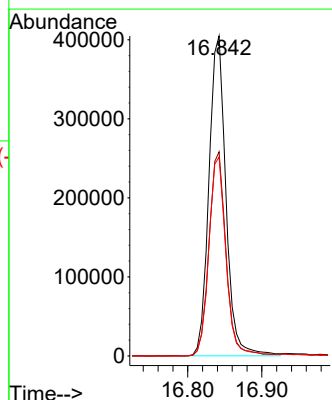
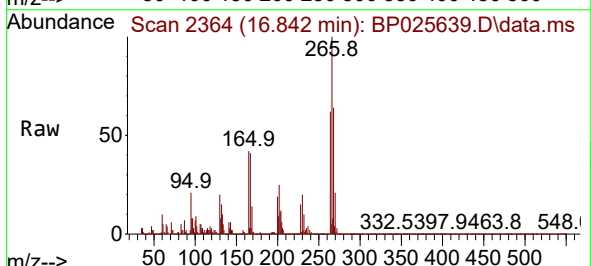
Tgt Ion:266 Resp: 645405

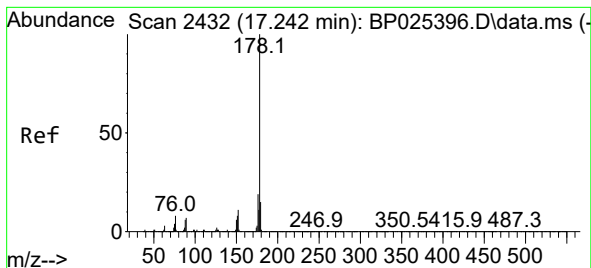
Ion Ratio Lower Upper

266 100

268 63.8 52.6 79.0

264 62.2 52.0 78.0





#71

Phenanthrene

Concen: 53.920 ng

RT: 17.236 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

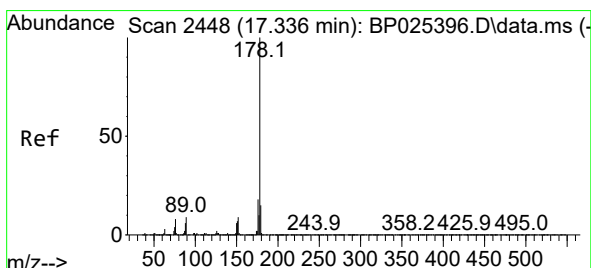
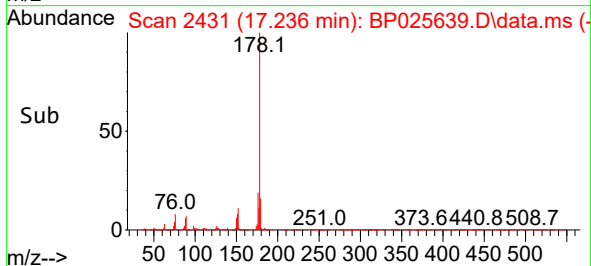
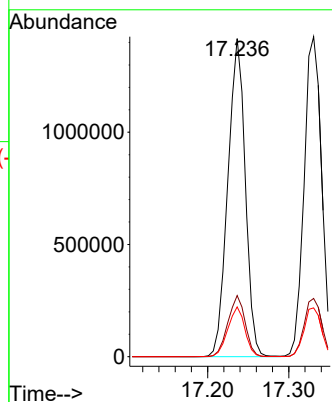
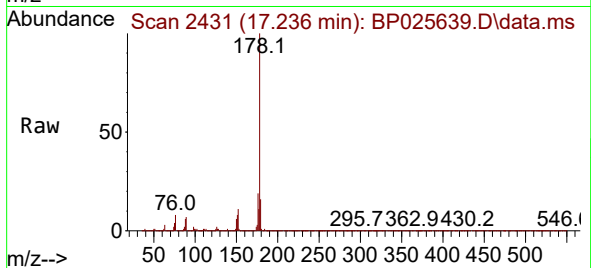
Tgt Ion:178 Resp: 2116037

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.6 12.2 18.4



#72

Anthracene

Concen: 53.422 ng

RT: 17.331 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

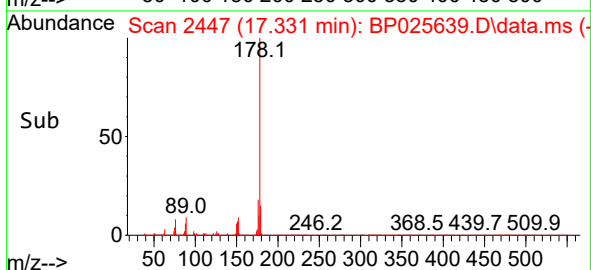
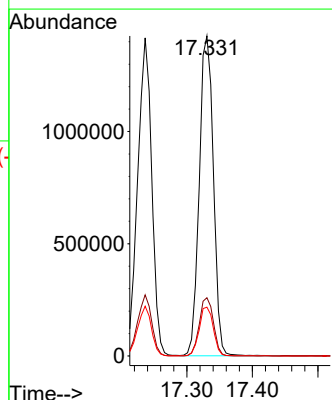
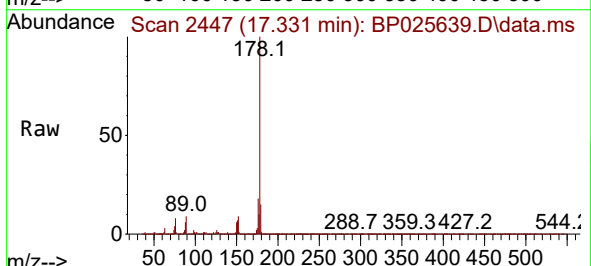
Tgt Ion:178 Resp: 2140982

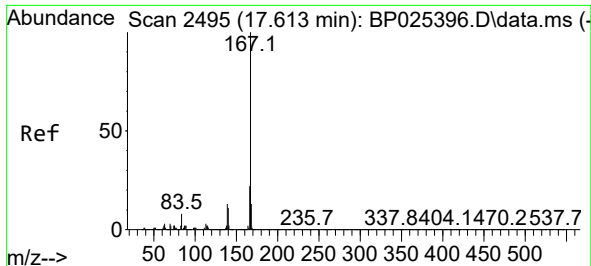
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.2 12.2 18.2

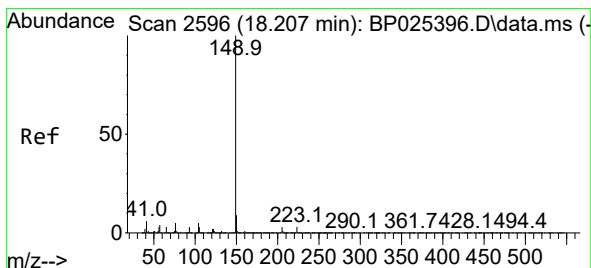
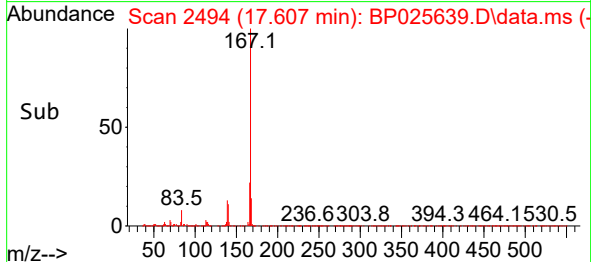
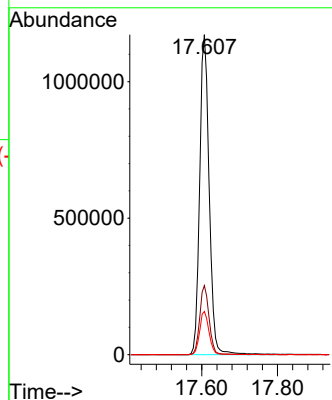
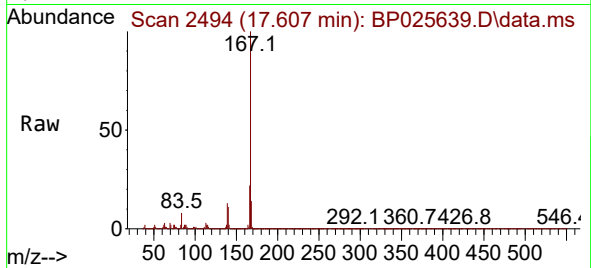




#73
 Carbazole
 Concen: 54.243 ng
 RT: 17.607 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BP025639.D
 Acq: 02 Sep 2025 15:29

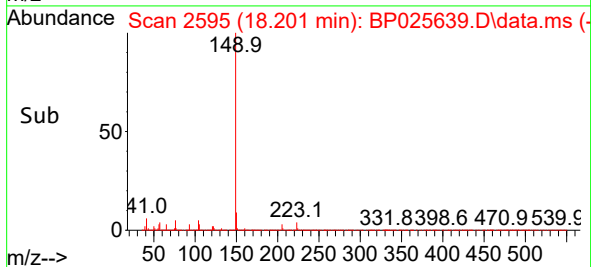
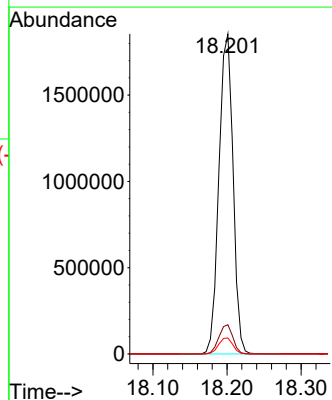
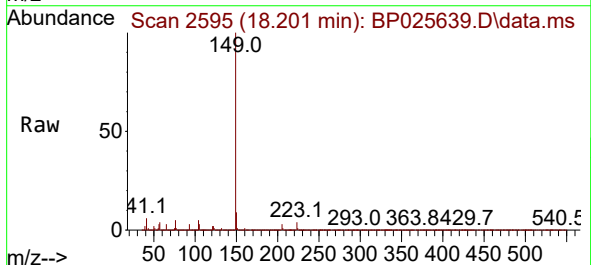
Instrument :
 BNA_P
 ClientSampleId :
 PB169509BS

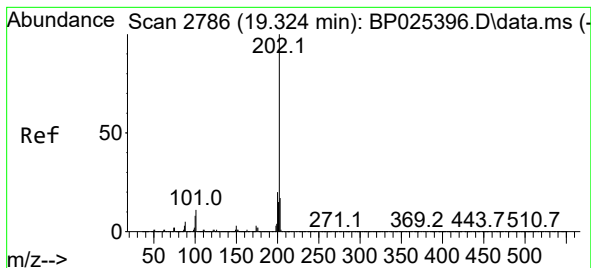
Tgt Ion:167 Resp: 2047578
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 52.809 ng
 RT: 18.201 min Scan# 2595
 Delta R.T. -0.006 min
 Lab File: BP025639.D
 Acq: 02 Sep 2025 15:29

Tgt Ion:149 Resp: 2452631
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.0 4.2 6.2

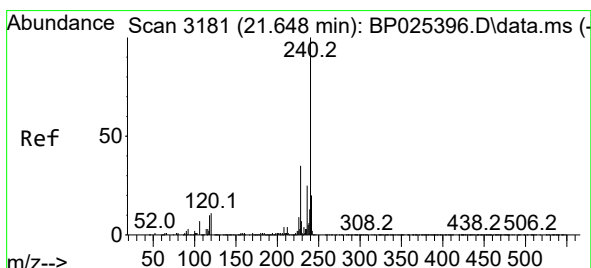
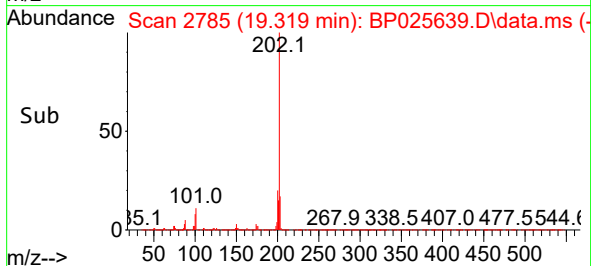
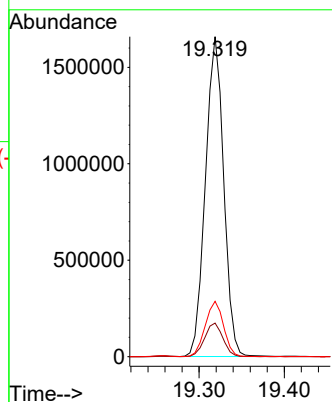
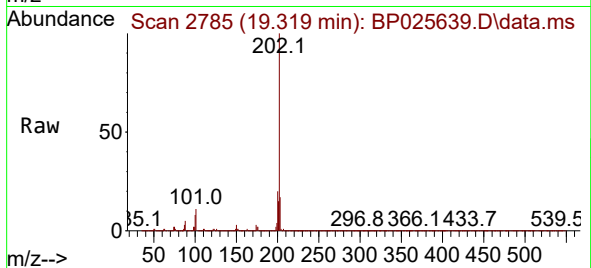




#75
Fluoranthene
Concen: 52.791 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

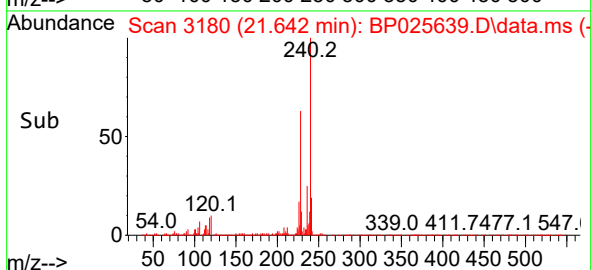
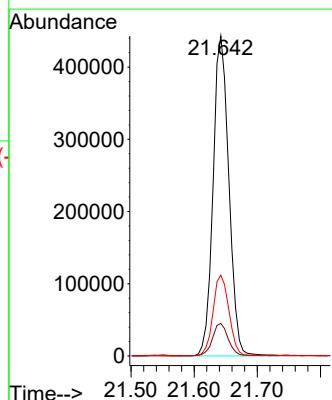
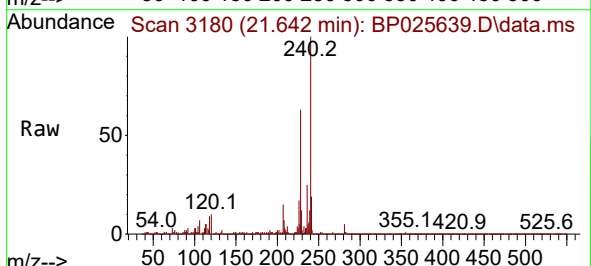
Instrument :
BNA_P
ClientSampleId :
PB169509BS

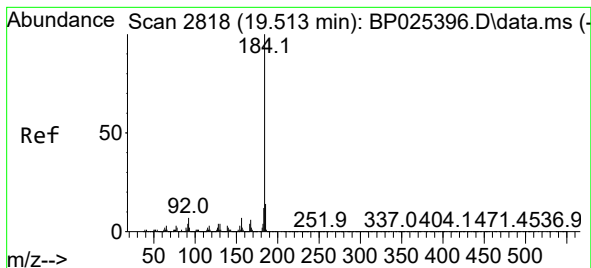
Tgt Ion:202 Resp: 2471220
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:240 Resp: 768674
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.3 19.8 29.8





#77

Benzidine

Concen: 41.097 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

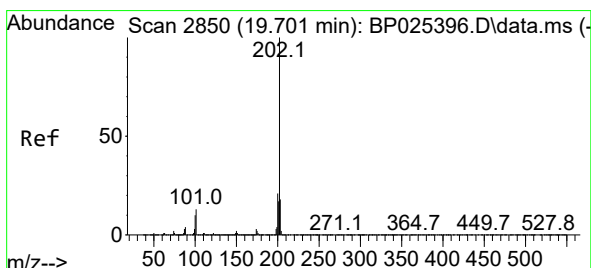
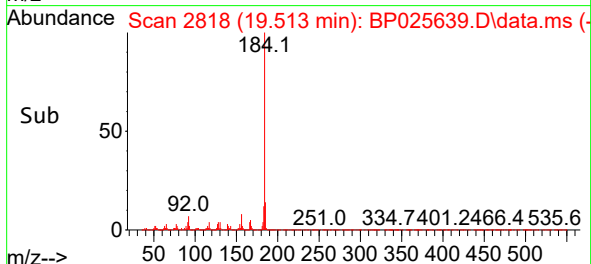
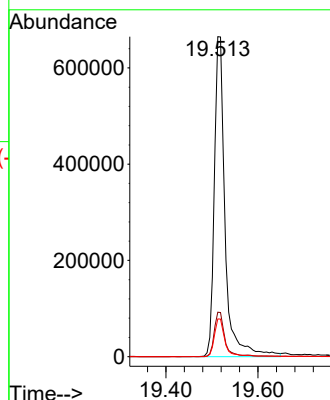
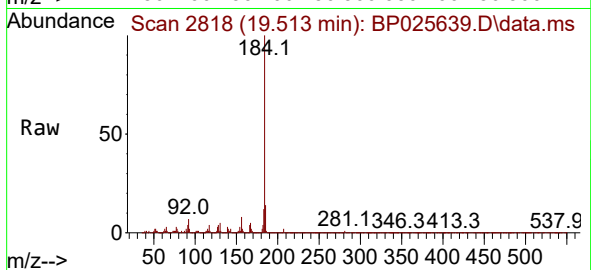
Tgt Ion:184 Resp: 1078098

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 51.185 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

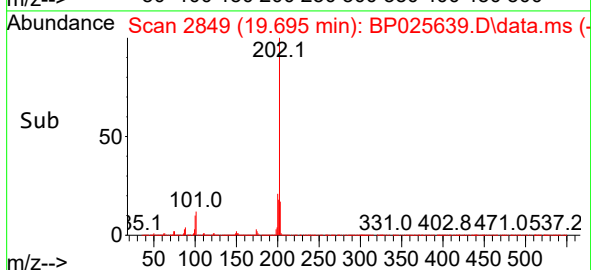
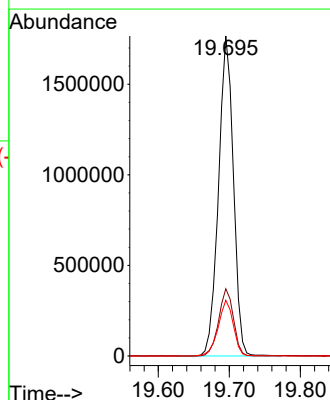
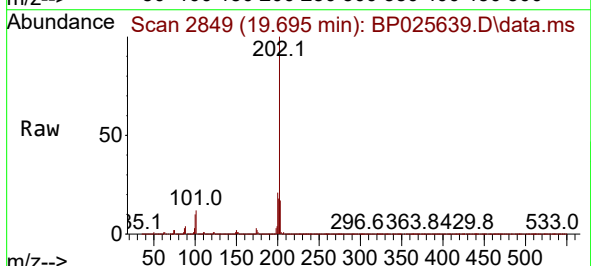
Tgt Ion:202 Resp: 2557273

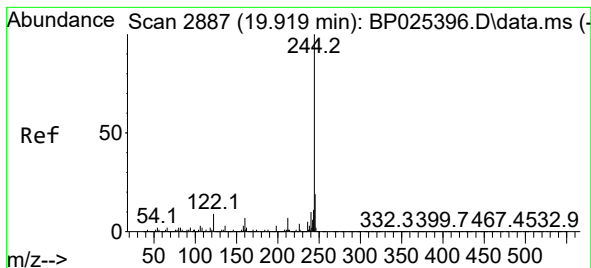
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 87.523 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

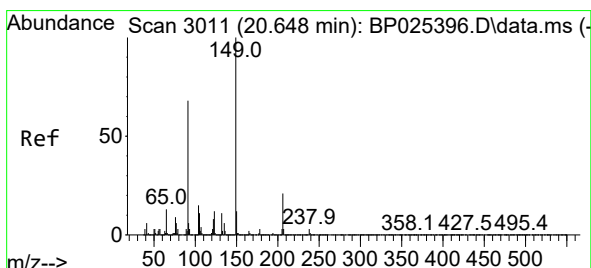
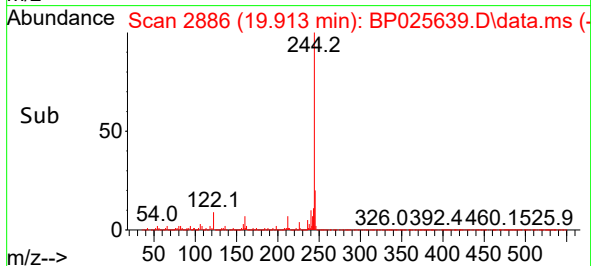
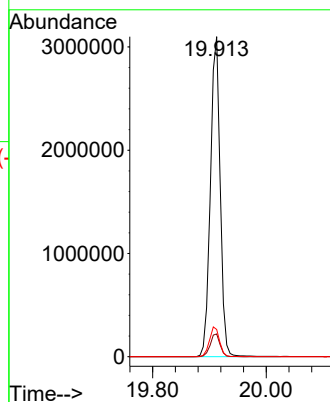
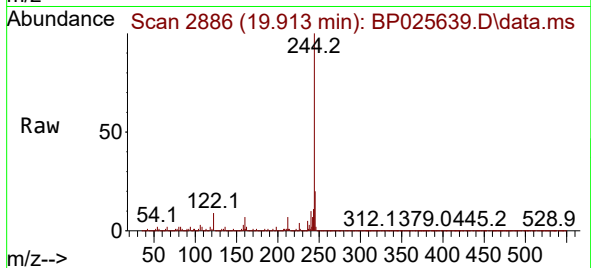
Tgt Ion:244 Resp: 3677187

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 8.5 7.4 11.2



#80

Butylbenzylphthalate

Concen: 52.486 ng

RT: 20.642 min Scan# 3010

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

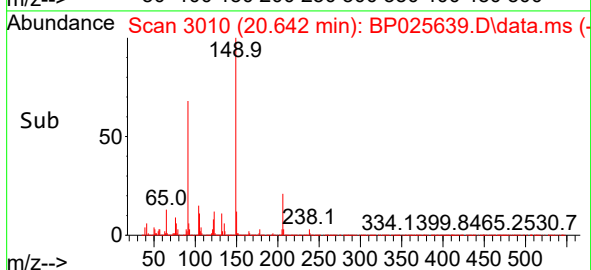
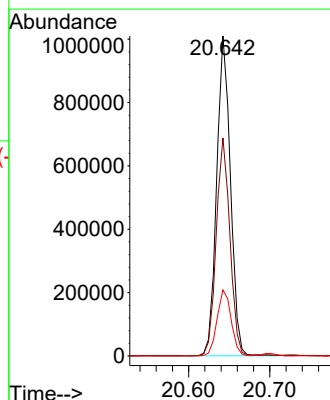
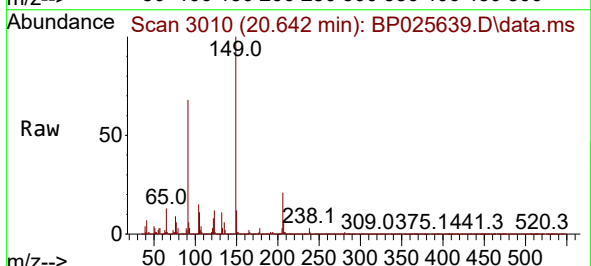
Tgt Ion:149 Resp: 1188440

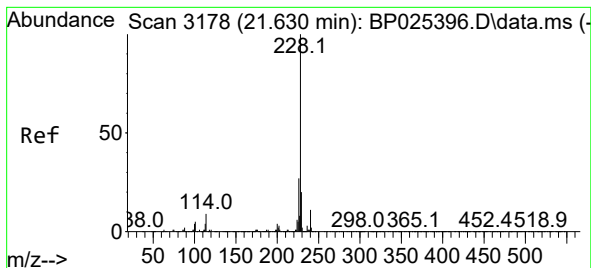
Ion Ratio Lower Upper

149 100

91 68.2 54.2 81.2

206 20.7 16.6 24.8





#81

Benzo(a)anthracene

Concen: 53.378 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

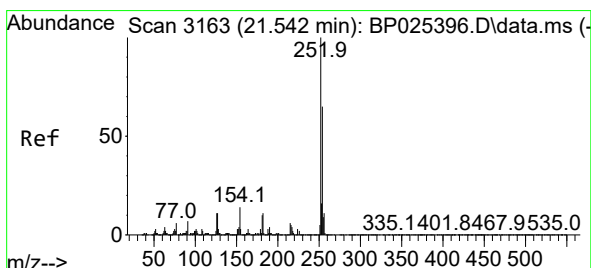
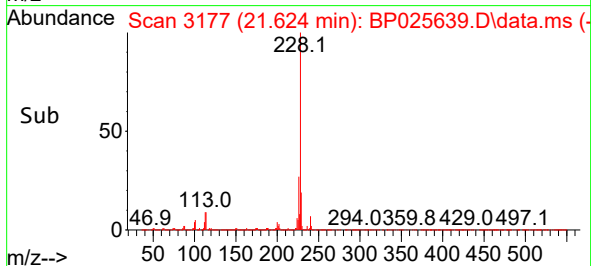
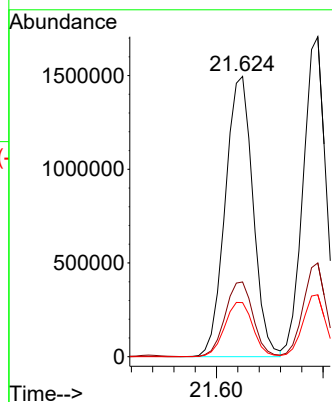
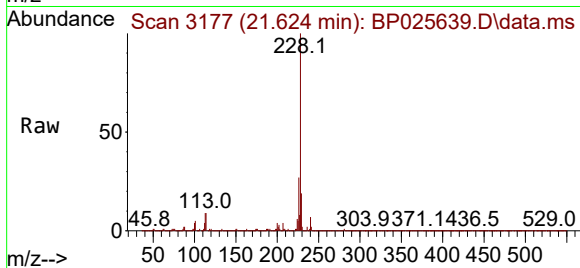
Tgt Ion:228 Resp: 2705961

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.984 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

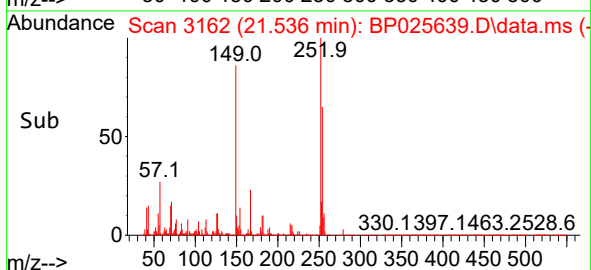
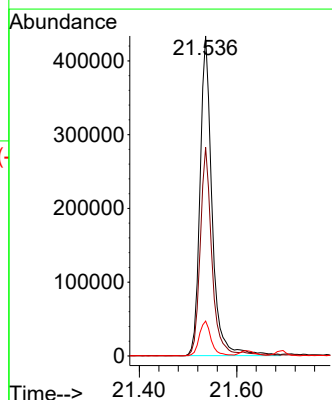
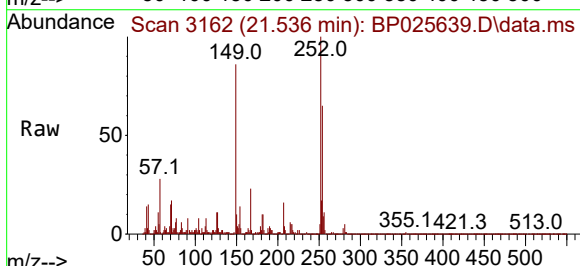
Tgt Ion:252 Resp: 744906

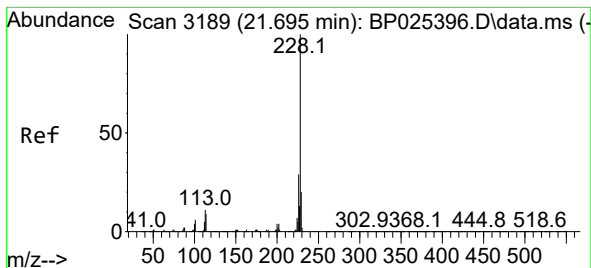
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 10.9 9.1 13.7





#83

Chrysene

Concen: 54.192 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

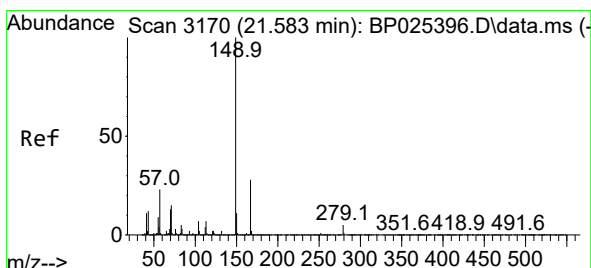
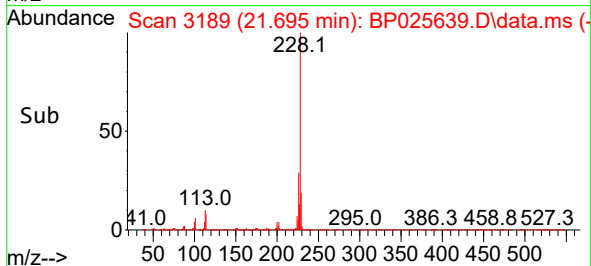
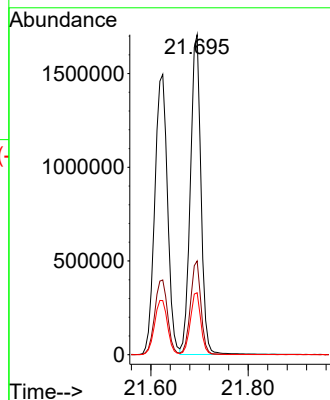
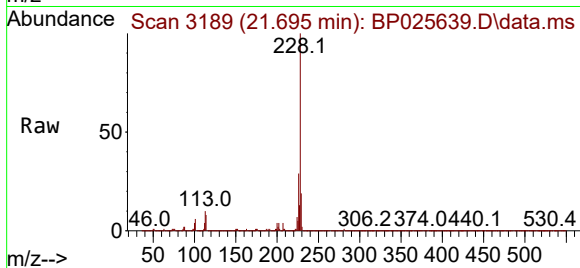
Tgt Ion:228 Resp: 2572771

Ion Ratio Lower Upper

228 100

226 29.3 23.2 34.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.574 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.035 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

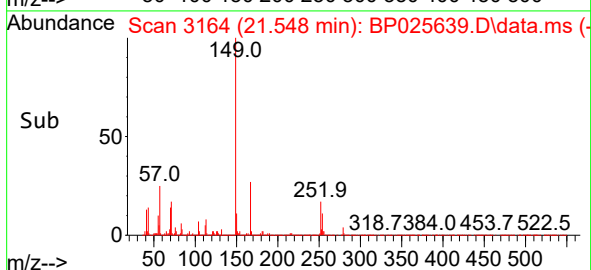
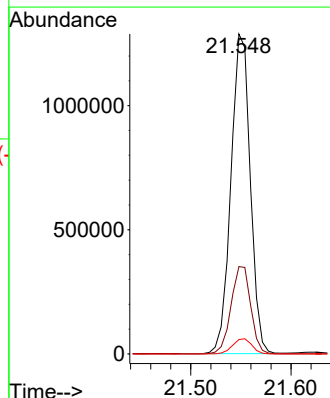
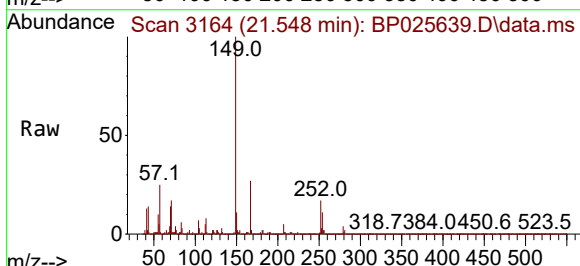
Tgt Ion:149 Resp: 1719073

Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 54.976 ng

RT: 22.830 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

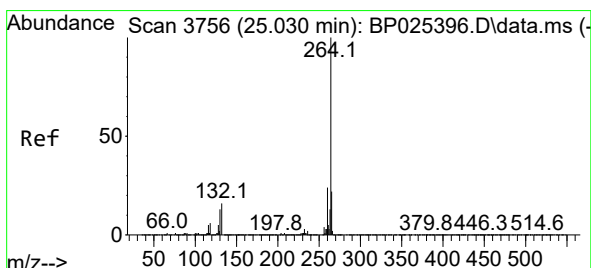
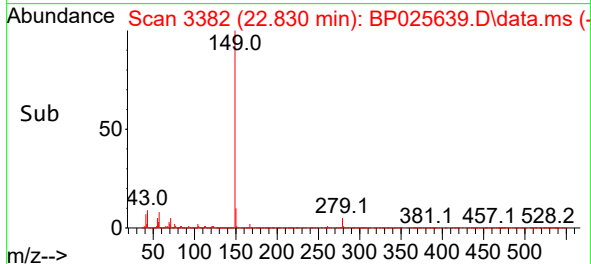
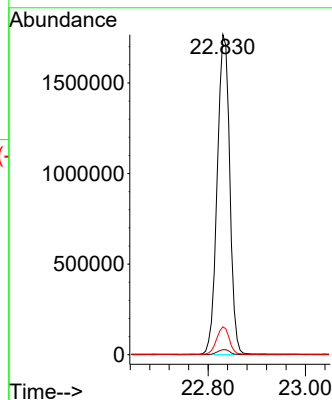
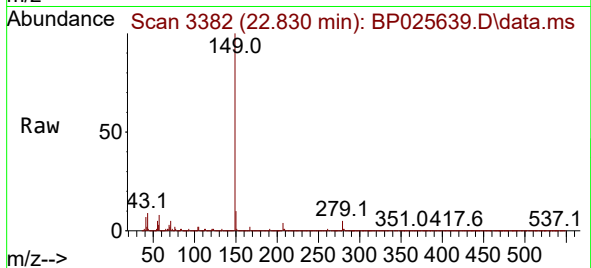
Tgt Ion:149 Resp: 3151883

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

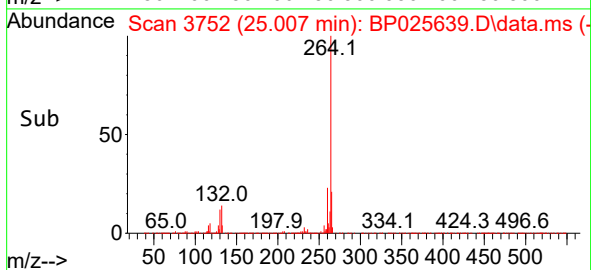
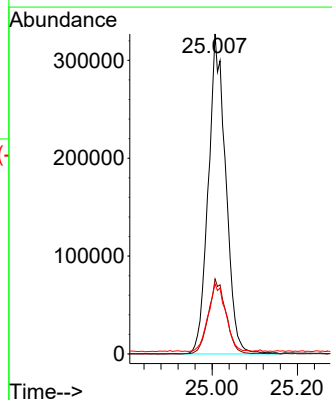
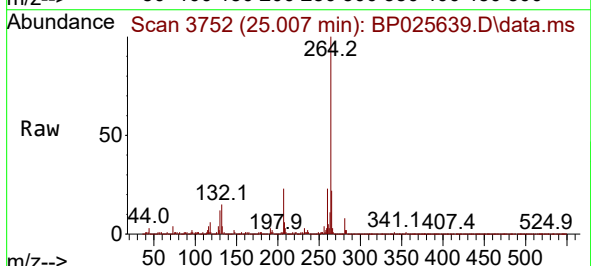
Tgt Ion:264 Resp: 928875

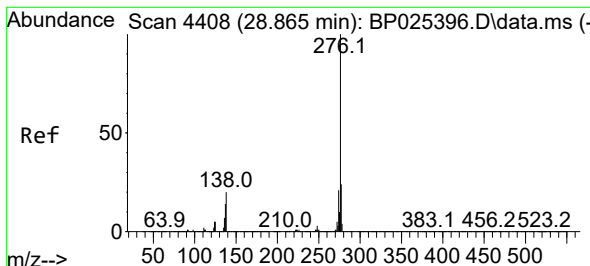
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.085 ng

RT: 28.842 min Scan# 4404

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

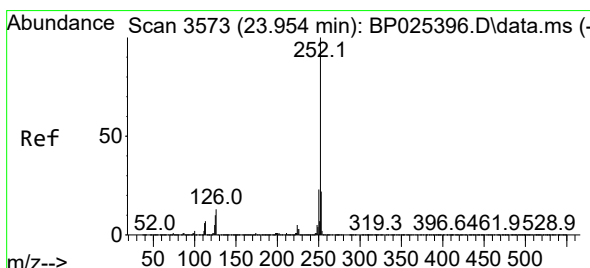
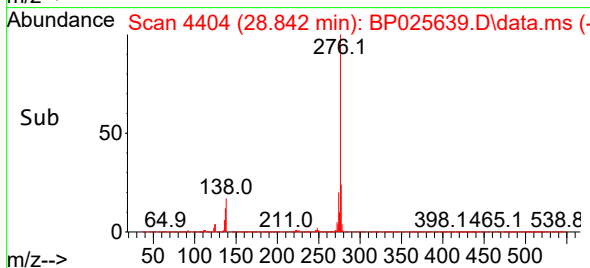
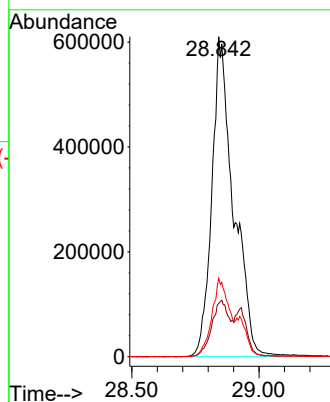
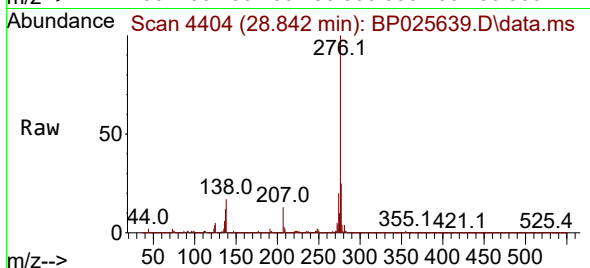
Tgt Ion:276 Resp: 3616115

Ion Ratio Lower Upper

276 100

138 14.8 12.9 19.3

277 19.1 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 52.967 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

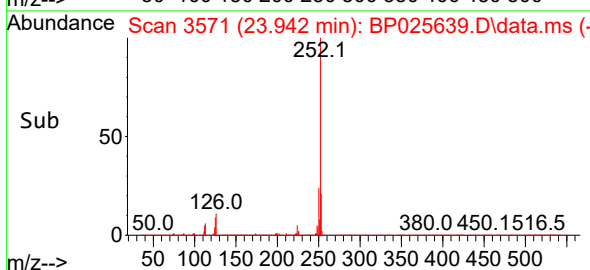
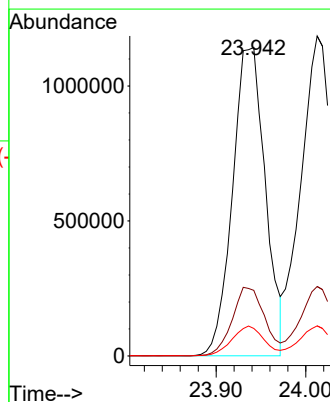
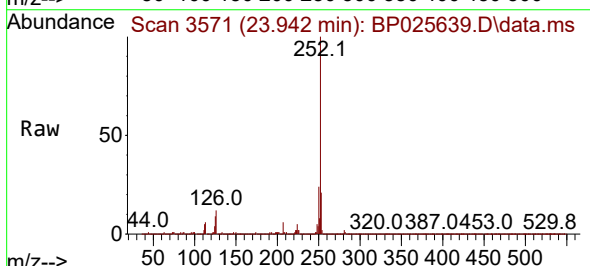
Tgt Ion:252 Resp: 2901172

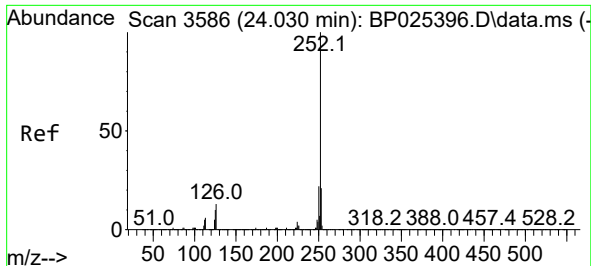
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 8.9 7.9 11.9

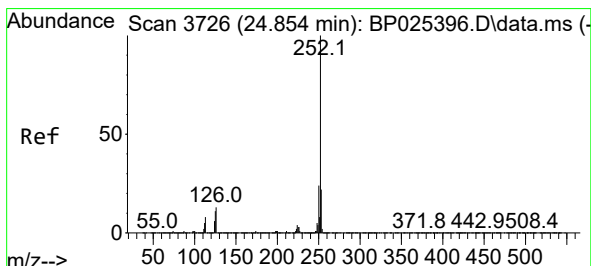
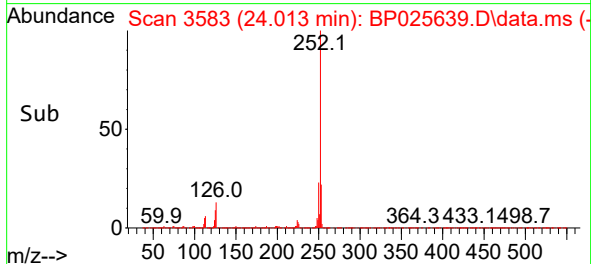
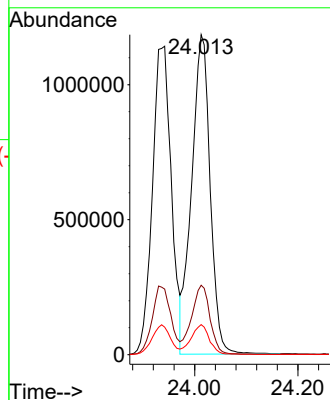
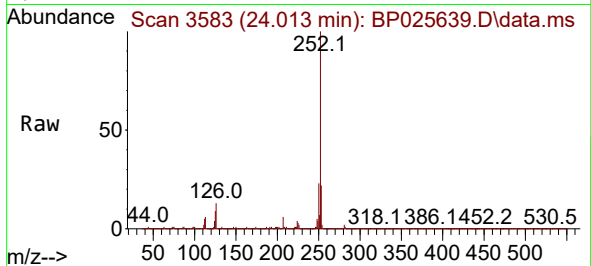




#89
Benzo(k)fluoranthene
Concen: 53.733 ng
RT: 24.013 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

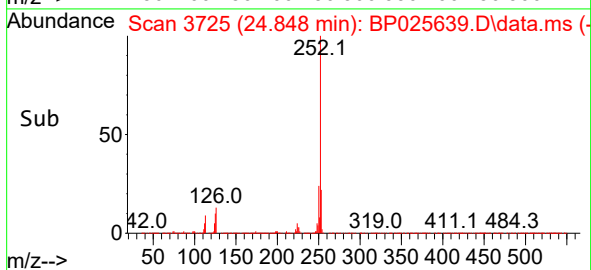
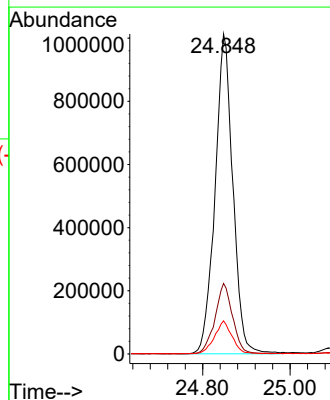
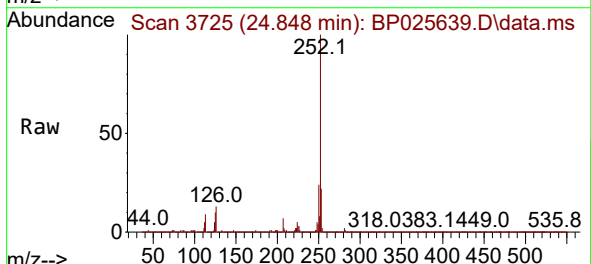
Instrument :
BNA_P
ClientSampleId :
PB169509BS

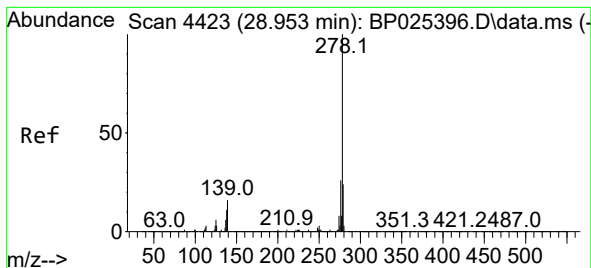
Tgt Ion:252 Resp: 2945110
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.4 7.8 11.6



#90
Benzo(a)pyrene
Concen: 53.643 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.006 min
Lab File: BP025639.D
Acq: 02 Sep 2025 15:29

Tgt Ion:252 Resp: 2860094
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 52.961 ng

RT: 28.930 min Scan# 4419

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Instrument :

BNA_P

ClientSampleId :

PB169509BS

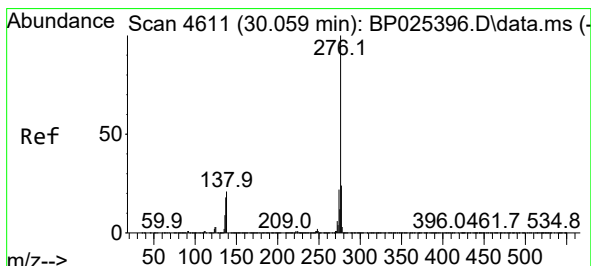
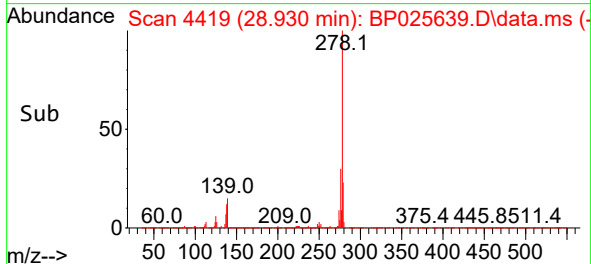
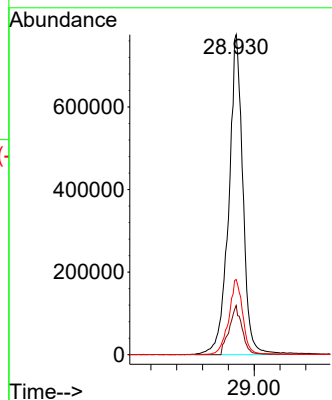
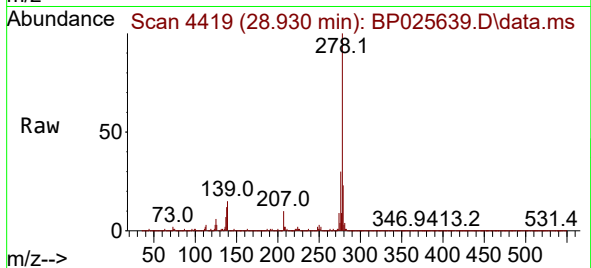
Tgt Ion:278 Resp: 2948244

Ion Ratio Lower Upper

278 100

139 15.3 13.0 19.4

279 23.5 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 51.849 ng

RT: 30.036 min Scan# 4607

Delta R.T. -0.023 min

Lab File: BP025639.D

Acq: 02 Sep 2025 15:29

Tgt Ion:276 Resp: 2837245

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 20.0 16.7 25.1

