

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025425.D
 Acq On : 15 Aug 2025 13:26
 Operator : CG/JU
 Sample : PB169230BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169230BSD

Quant Time: Aug 15 13:57:27 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	7.778	152	168072	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	666741	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	424927	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	837407	20.000	ng	0.00
76) Chrysene-d12	21.654	240	883409	20.000	ng	0.00
86) Perylene-d12	25.012	264	1035260	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1259438	124.443	ng	-0.01
7) Phenol-d6	6.960	99	1600680	123.363	ng	0.00
23) Nitrobenzene-d5	8.919	82	1020486	77.424	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	712661	124.601	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2387172	76.778	ng	0.00
79) Terphenyl-d14	19.924	244	3734835	77.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	147246	37.144	ng	98
3) Pyridine	3.719	79	373939	34.463	ng	97
4) n-Nitrosodimethylamine	3.625	42	197894	44.239	ng	94
6) Aniline	7.113	93	636255	36.394	ng	99
8) 2-Chlorophenol	7.354	128	510013	44.657	ng	99
9) Benzaldehyde	6.925	77	241816	26.600	ng	98
10) Phenol	6.984	94	611448	44.909	ng	96
11) bis(2-Chloroethyl)ether	7.207	93	447428	42.162	ng	98
12) 1,3-Dichlorobenzene	7.672	146	524682	41.664	ng	99
13) 1,4-Dichlorobenzene	7.813	146	536677	41.695	ng	99
14) 1,2-Dichlorobenzene	8.131	146	518242	41.593	ng	97
15) Benzyl Alcohol	8.013	79	443998	43.066	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.295	45	605807	42.615	ng	98
17) 2-Methylphenol	8.213	107	418119	44.217	ng	99
18) Hexachloroethane	8.854	117	202516	42.792	ng	98
19) n-Nitroso-di-n-propyla...	8.578	70	342802	39.885	ng	97
20) 3+4-Methylphenols	8.537	107	570482	43.523	ng	98
22) Acetophenone	8.590	105	717162	42.891	ng	98
24) Nitrobenzene	8.960	77	529804	44.976	ng	98
25) Isophorone	9.489	82	973615	41.739	ng	99
26) 2-Nitrophenol	9.666	139	269071	44.509	ng	95
27) 2,4-Dimethylphenol	9.731	122	470718	45.278	ng	97
28) bis(2-Chloroethoxy)met...	9.960	93	602831	42.754	ng	97
29) 2,4-Dichlorophenol	10.201	162	473045	45.804	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	483350	42.694	ng	100
31) Naphthalene	10.601	128	1494676	43.131	ng	99
32) Benzoic acid	9.872	122	362237	47.195	ng	96
33) 4-Chloroaniline	10.701	127	415649	27.153	ng	99
34) Hexachlorobutadiene	10.889	225	300315	42.594	ng	99
35) Caprolactam	11.483	113	166236	43.898	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	528039	44.558	ng	99
37) 2-Methylnaphthalene	12.207	142	965857	42.828	ng	100
38) 1-Methylnaphthalene	12.431	142	991029	41.322	ng	100
40) 1,2,4,5-Tetrachloroben...	12.578	216	530873	43.258	ng	99
41) Hexachlorocyclopentadiene	12.560	237	714288	96.356	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	380238	45.894	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	426971	47.021	ng	99
46) 1,1'-Biphenyl	13.225	154	1341958	43.484	ng	98
47) 2-Chloronaphthalene	13.260	162	1045208	43.506	ng	99
48) 2-Nitroaniline	13.466	65	332445	47.491	ng	97
49) Acenaphthylene	14.119	152	1736412	43.679	ng	100
50) Dimethylphthalate	13.854	163	1364594	43.854	ng	99
51) 2,6-Dinitrotoluene	13.960	165	305278	46.547	ng	95
52) Acenaphthene	14.472	154	1034163	44.318	ng	99
53) 3-Nitroaniline	14.295	138	246772	33.442	ng	99
54) 2,4-Dinitrophenol	14.507	184	378502	108.068	ng	95
55) Dibenzofuran	14.807	168	1583459	42.921	ng	98
56) 4-Nitrophenol	14.613	139	578099	95.340	ng	91
57) 2,4-Dinitrotoluene	14.766	165	446631	47.730	ng	97
58) Fluorene	15.466	166	1251709	42.998	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.030	232	368890	46.009	ng	99
60) Diethylphthalate	15.242	149	1397834	44.210	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	617566	42.656	ng	96
62) 4-Nitroaniline	15.477	138	327789	43.331	ng	96
63) Azobenzene	15.754	77	1250604	46.193	ng	97
65) 4,6-Dinitro-2-methylph...	15.542	198	258648	49.550	ng	90
66) n-Nitrosodiphenylamine	15.672	169	1144220	44.808	ng	99
67) 4-Bromophenyl-phenylether	16.371	248	411920	44.726	ng	96
68) Hexachlorobenzene	16.489	284	475535	44.542	ng	100
69) Atrazine	16.660	200	441483	46.165	ng	97
70) Pentachlorophenol	16.848	266	660333	97.981	ng	97
71) Phenanthrene	17.248	178	2060065	44.783	ng	99
72) Anthracene	17.336	178	2122885	45.190	ng	100
73) Carbazole	17.618	167	2031552	45.913	ng	99
74) Di-n-butylphthalate	18.213	149	2497806	45.882	ng	100
75) Fluoranthene	19.336	202	2442709	44.517	ng	99
77) Benzidine	19.518	184	1450901	48.125	ng	100
78) Pyrene	19.712	202	2568011	44.724	ng	100
80) Butylbenzylphthalate	20.654	149	1210580	46.520	ng	97
81) Benzo(a)anthracene	21.630	228	2695916	46.273	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	748927	34.104	ng	99
83) Chrysene	21.695	228	2507192	45.952	ng	98
84) Bis(2-ethylhexyl)phtha...	21.571	149	1768457	46.165	ng	100
85) Di-n-octyl phthalate	22.859	149	3215556	48.802	ng	99
87) Indeno(1,2,3-cd)pyrene	28.841	276	3557513	46.858	ng	98
88) Benzo(b)fluoranthene	23.936	252	2906105	47.605	ng	100
89) Benzo(k)fluoranthene	24.018	252	2863889	46.881	ng	99
90) Benzo(a)pyrene	24.859	252	2797186	47.072	ng	100
91) Dibenzo(a,h)anthracene	28.912	278	2913978	46.967	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2846019	46.665	ng	98

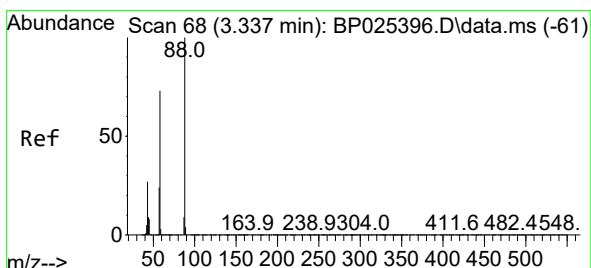
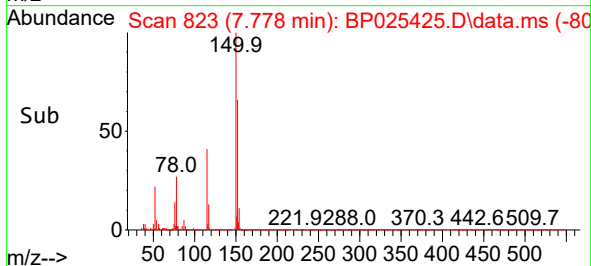
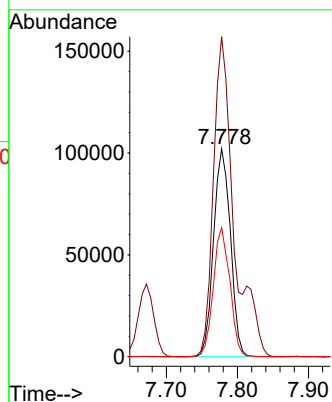
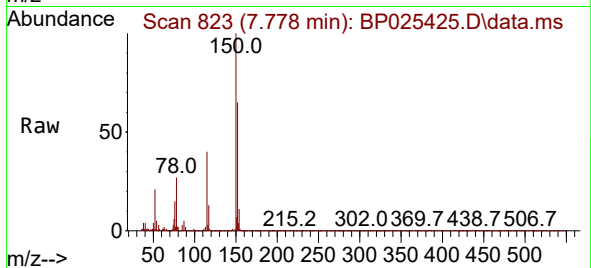
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

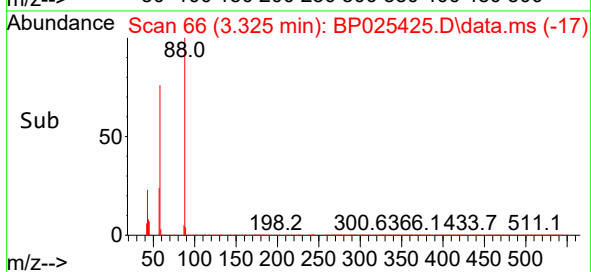
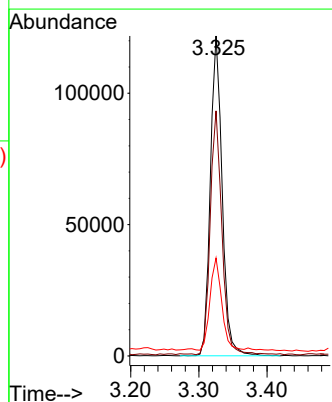
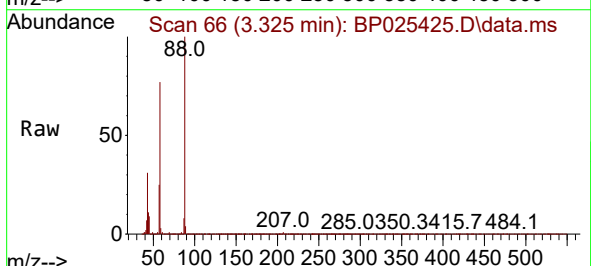
Instrument :
 BNA_P
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 PB169230BSD

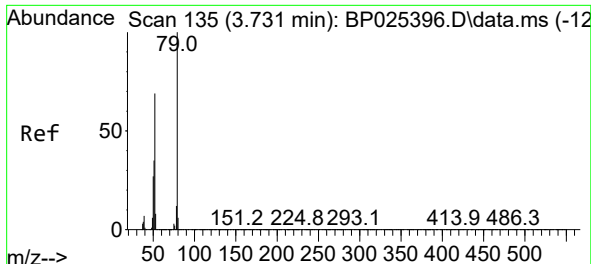
Tgt Ion:152 Resp: 168072
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.9 188.9
 115 62.1 48.5 72.7



#2
 1,4-Dioxane
 Concen: 37.144 ng
 RT: 3.325 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

Tgt Ion: 88 Resp: 147246
 Ion Ratio Lower Upper
 88 100
 58 75.5 59.2 88.8
 43 28.1 21.7 32.5

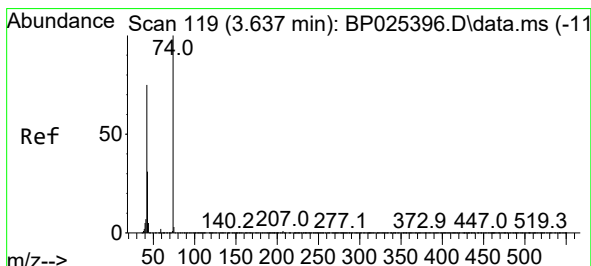
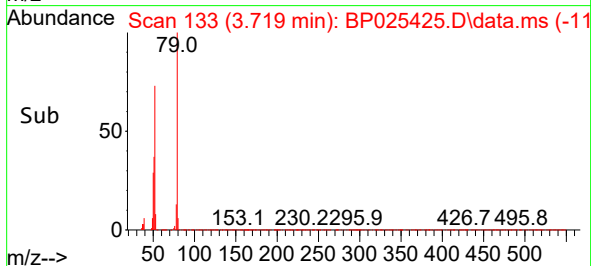
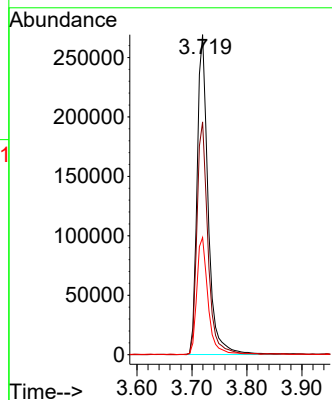
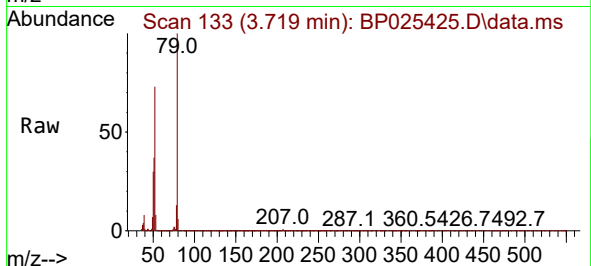




#3
Pyridine
Concen: 34.463 ng
RT: 3.719 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

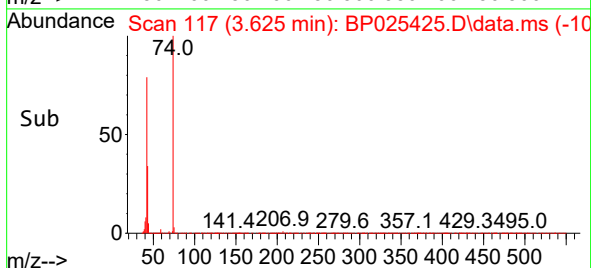
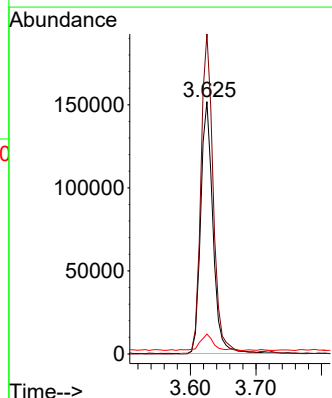
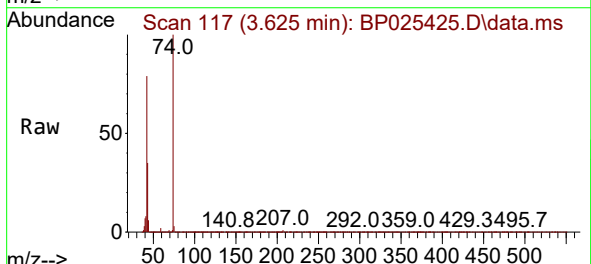
Instrument :
BNA_P
ClientSampleId :
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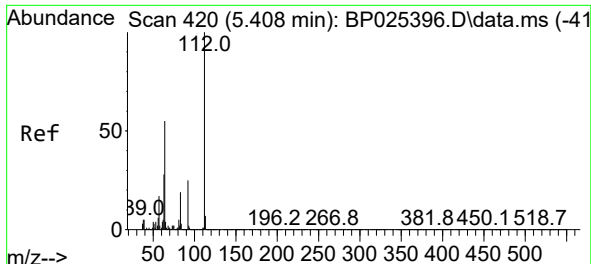
Tgt Ion: 79 Resp: 373939
Ion Ratio Lower Upper
79 100
52 72.8 55.5 83.3
51 36.6 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 44.239 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 42 Resp: 197894
Ion Ratio Lower Upper
42 100
74 126.8 107.0 160.4
44 7.9 6.2 9.4

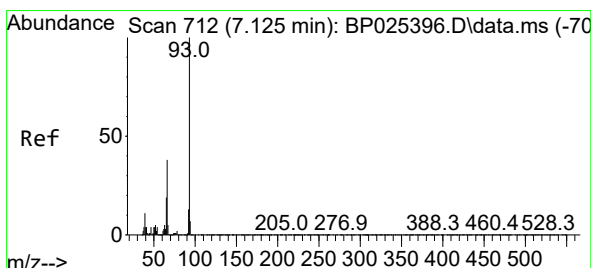
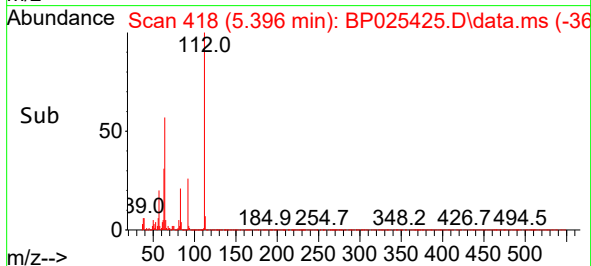
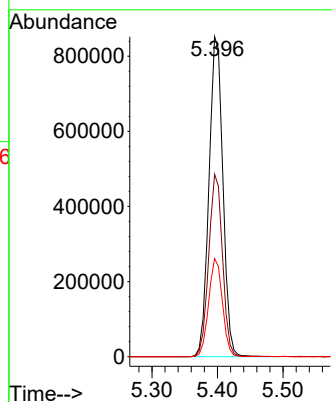
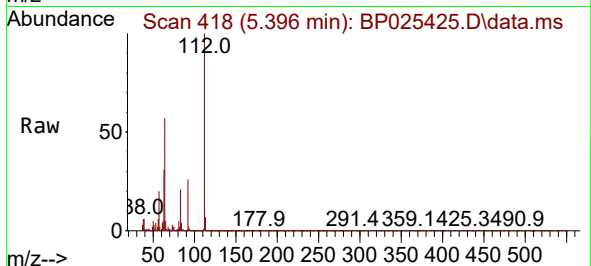




#5
2-Fluorophenol
Concen: 124.443 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

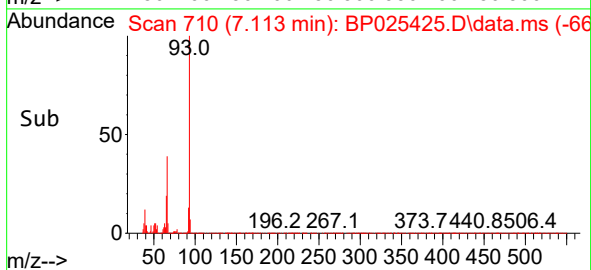
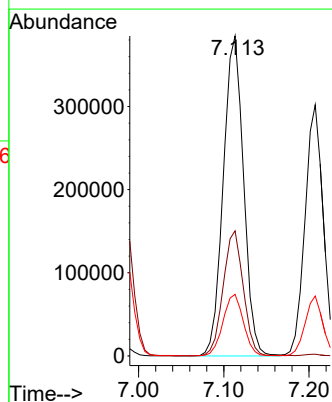
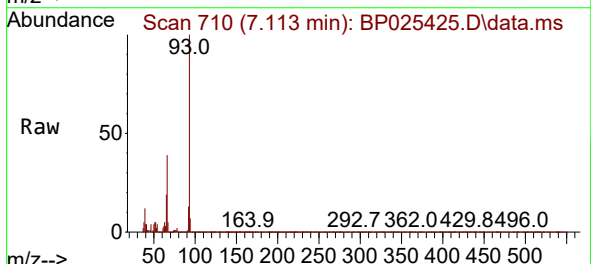
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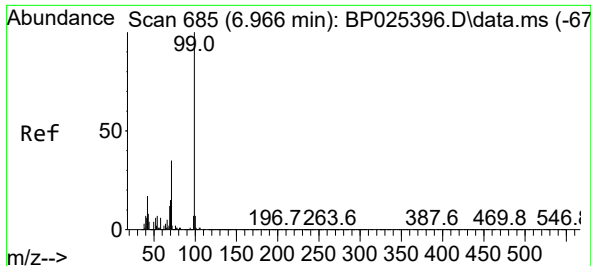
Tgt Ion:112 Resp: 1259438
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 30.7 22.7 34.1



#6
Aniline
Concen: 36.394 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 93 Resp: 636255
Ion Ratio Lower Upper
93 100
66 39.1 30.4 45.6
65 19.3 15.3 22.9

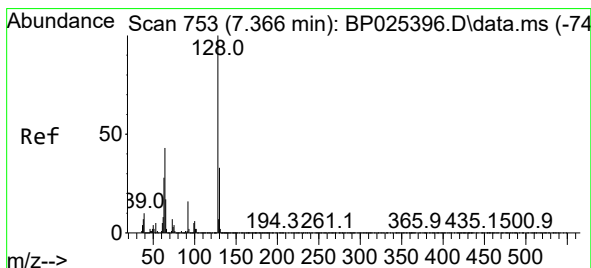
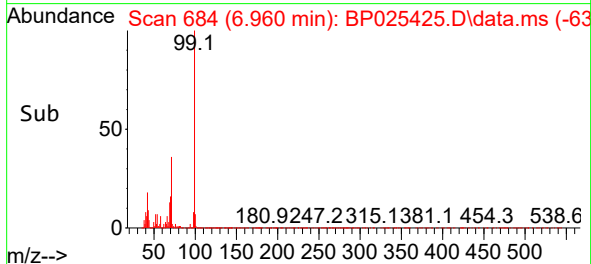
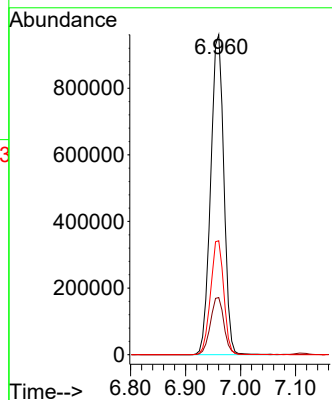
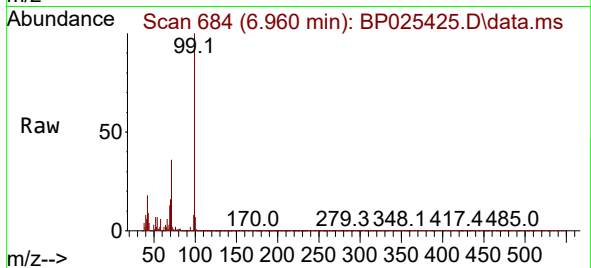




#7
Phenol-d6
Concen: 123.363 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

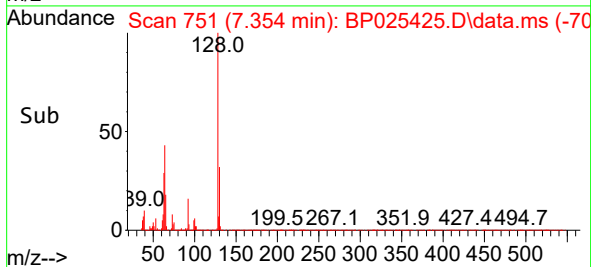
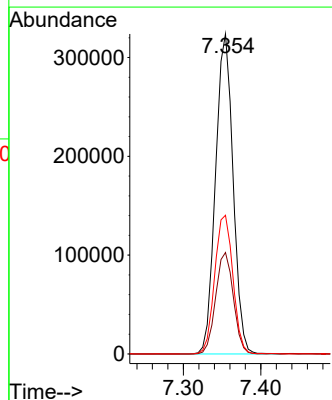
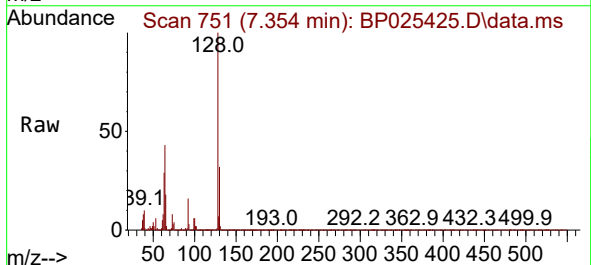
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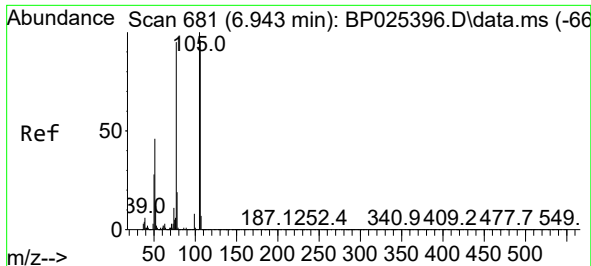
Tgt Ion: 99 Resp: 1600680
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 35.6 28.2 42.4



#8
2-Chlorophenol
Concen: 44.657 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:128 Resp: 510013
Ion Ratio Lower Upper
128 100
130 31.7 12.6 52.6
64 43.3 23.4 63.4

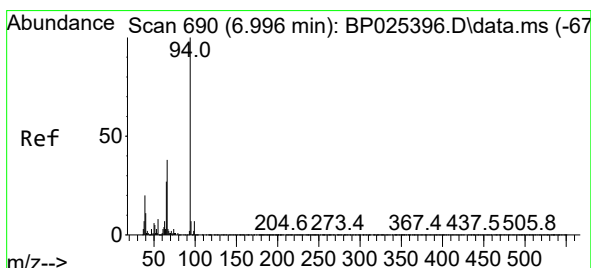
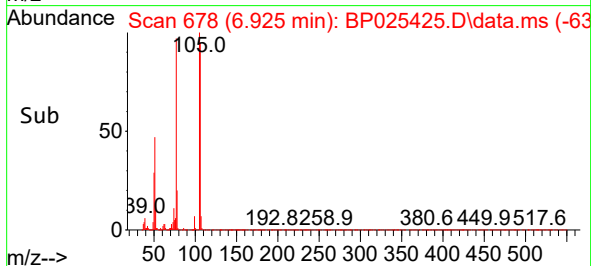
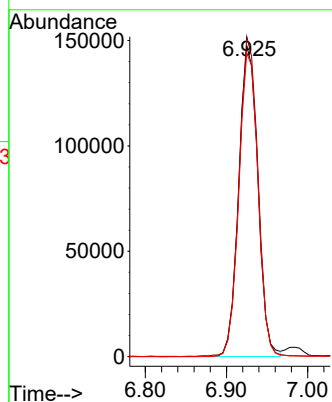
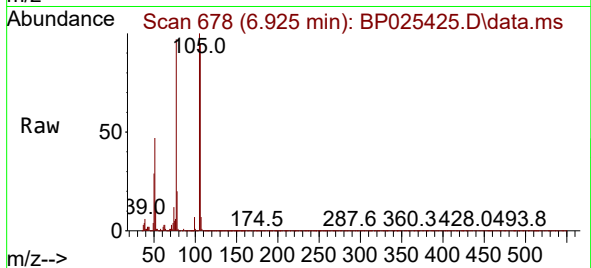




#9
Benzaldehyde
Concen: 26.600 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

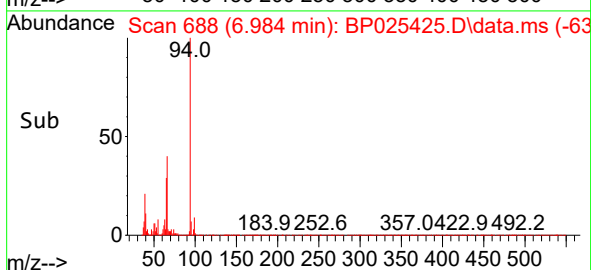
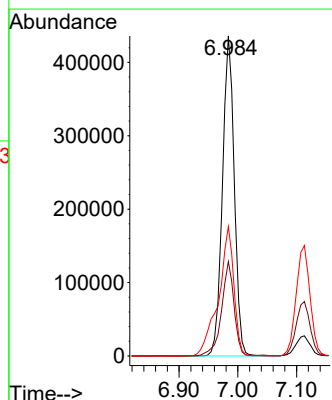
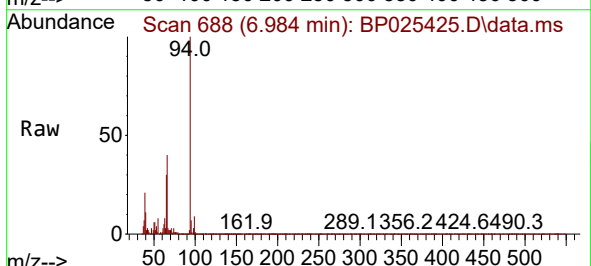
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

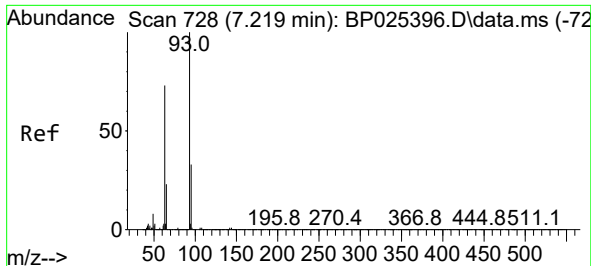
Tgt Ion: 77 Resp: 241816
Ion Ratio Lower Upper
77 100
105 103.0 84.8 124.8
106 97.7 80.5 120.5



#10
Phenol
Concen: 44.909 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 94 Resp: 611448
Ion Ratio Lower Upper
94 100
65 29.5 6.8 46.8
66 40.4 18.2 58.2

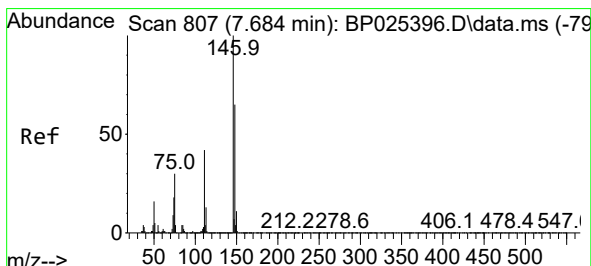
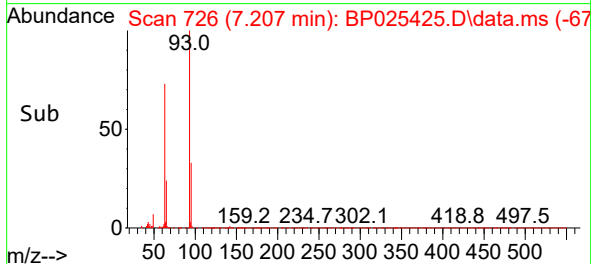
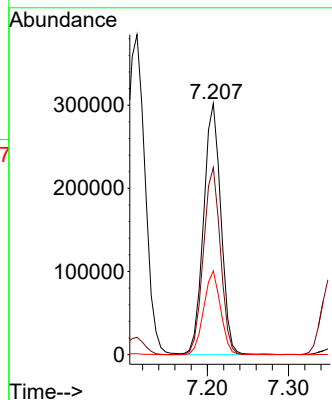
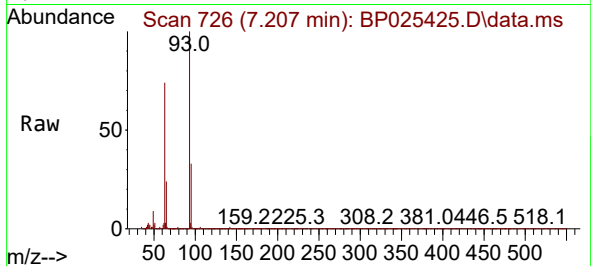




#11
bis(2-Chloroethyl)ether
Concen: 42.162 ng
RT: 7.207 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

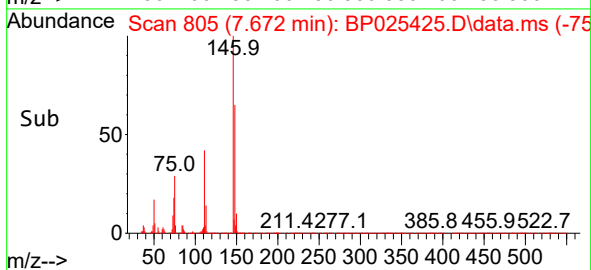
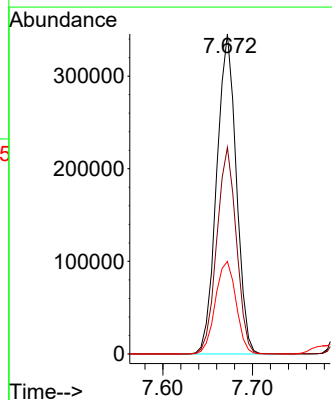
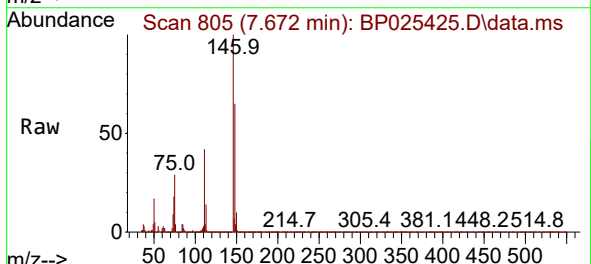
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

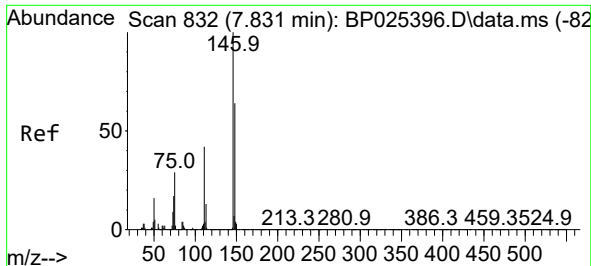
Tgt Ion: 93 Resp: 447428
Ion Ratio Lower Upper
93 100
63 74.5 52.6 92.6
95 33.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.664 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 146 Resp: 524682
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 28.9 23.7 35.5

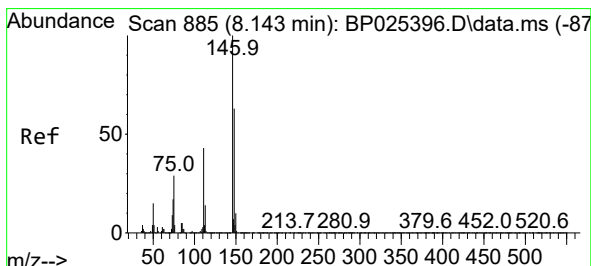
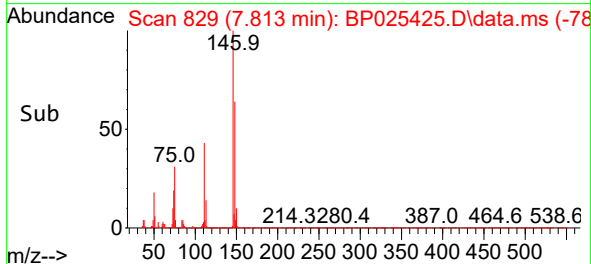
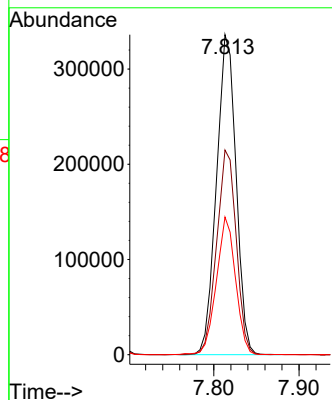
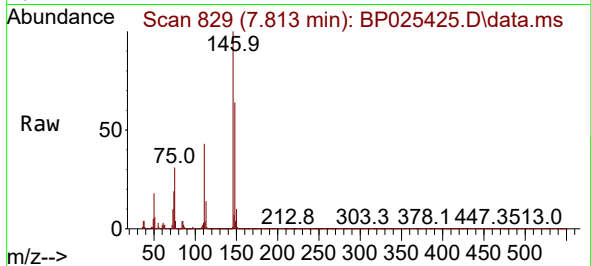




#13
1,4-Dichlorobenzene
Concen: 41.695 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

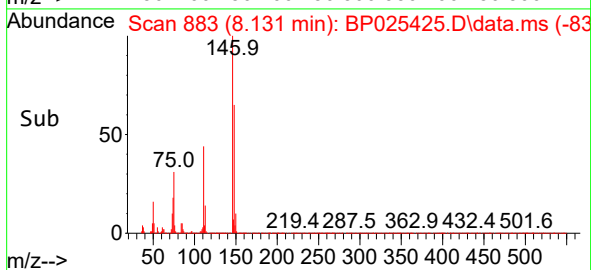
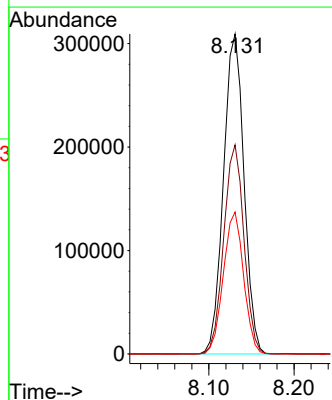
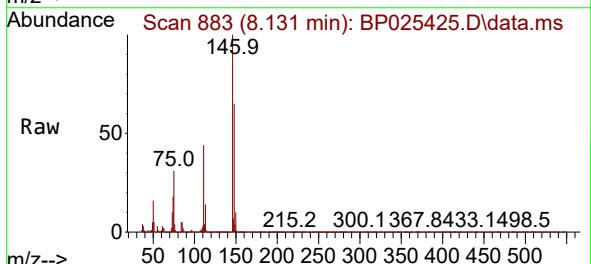
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

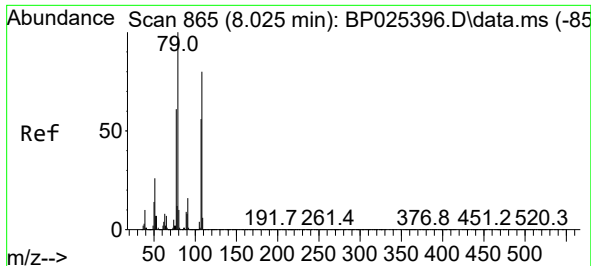
Tgt Ion:146 Resp: 536677
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
111 43.0 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 41.593 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:146 Resp: 518242
Ion Ratio Lower Upper
146 100
148 65.4 50.4 75.6
111 44.4 34.5 51.7

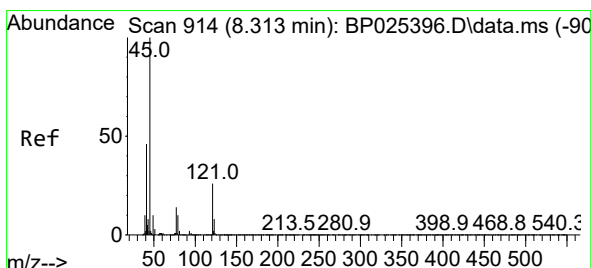
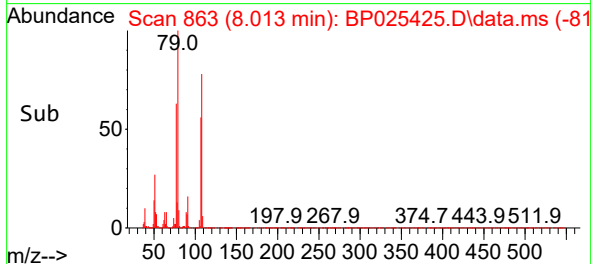
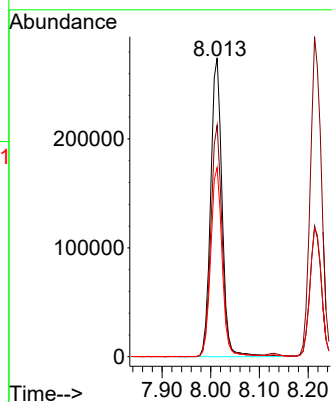
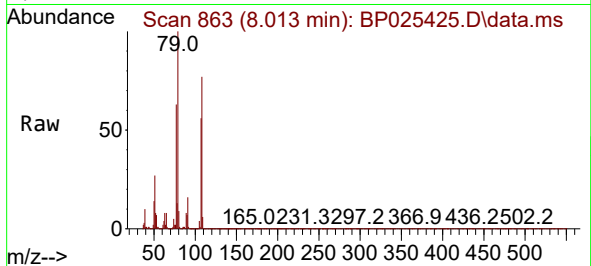




#15
Benzyl Alcohol
Concen: 43.066 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

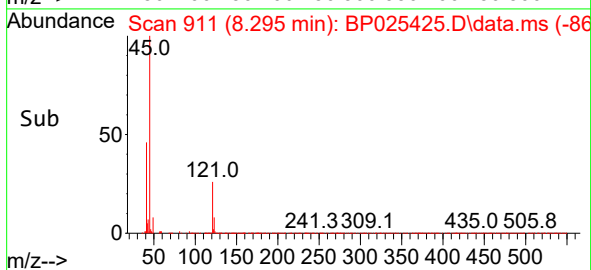
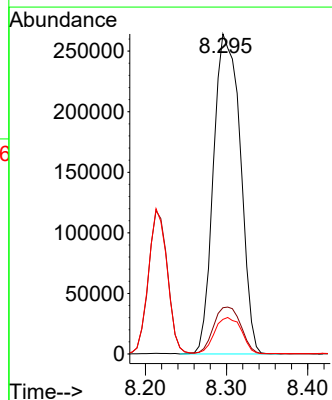
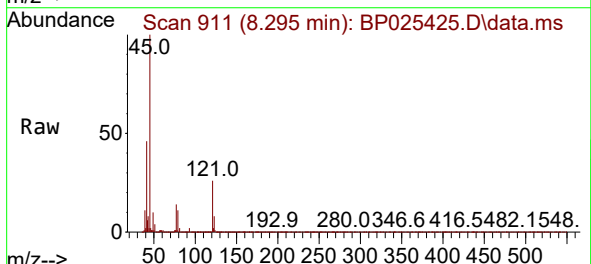
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

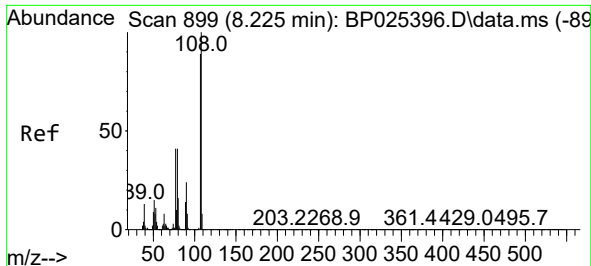
Tgt Ion: 79 Resp: 443998
Ion Ratio Lower Upper
79 100
108 77.5 63.8 95.6
77 63.3 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.615 ng
RT: 8.295 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 45 Resp: 605807
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.3
79 10.8 0.0 31.8

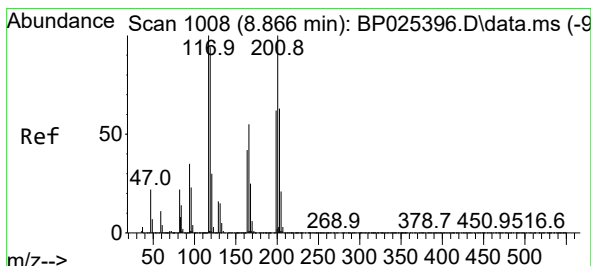
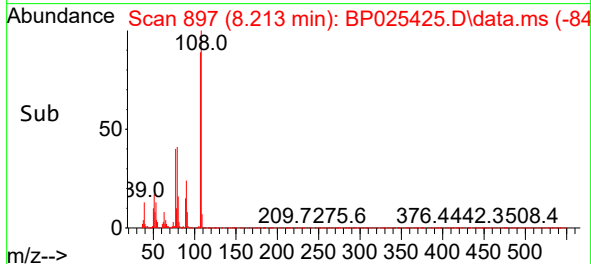
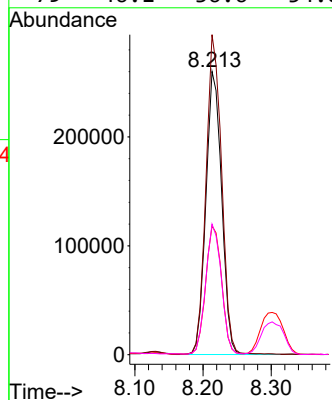
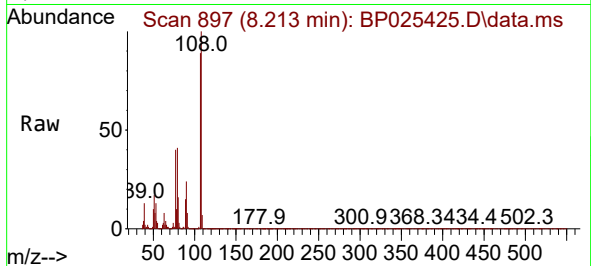




#17
2-Methylphenol
Concen: 44.217 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

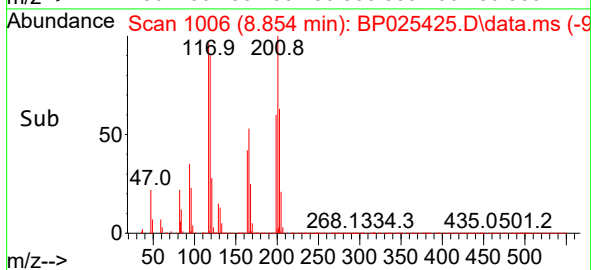
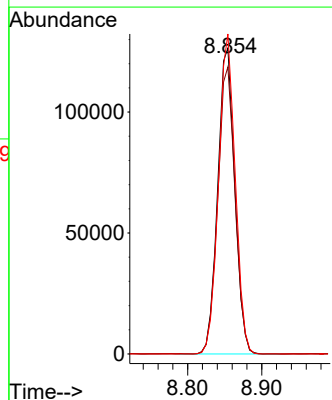
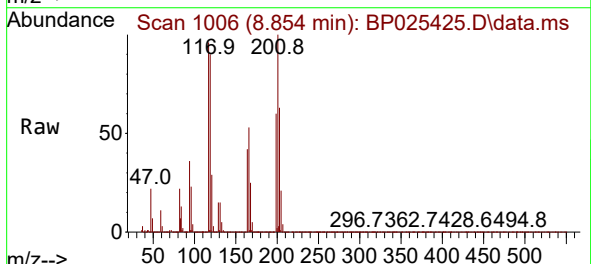
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

Tgt Ion:	107	Resp:	418119
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.4	134.0
77	45.5	36.3	54.5
79	46.1	36.6	54.8



#18
Hexachloroethane
Concen: 42.792 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:	117	Resp:	202516
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.1	112.7
201	104.6	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.885 ng

RT: 8.578 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

Tgt Ion: 70 Resp: 342802

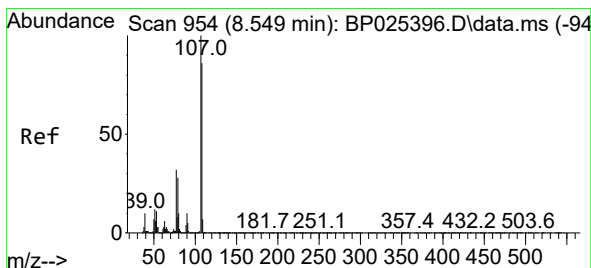
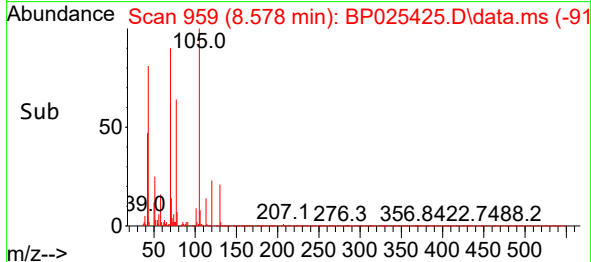
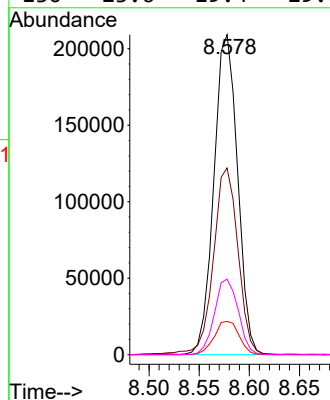
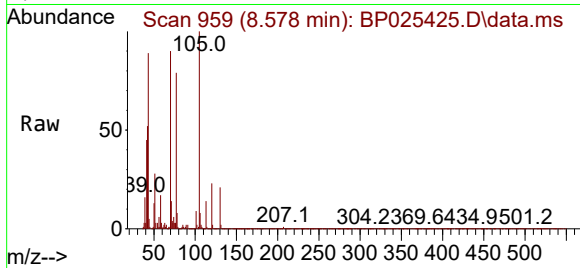
Ion Ratio Lower Upper

70 100

42 58.4 43.8 65.6

101 10.4 8.5 12.7

130 23.6 19.4 29.0



#20

3+4-Methylphenols

Concen: 43.523 ng

RT: 8.537 min Scan# 952

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Tgt Ion:107 Resp: 570482

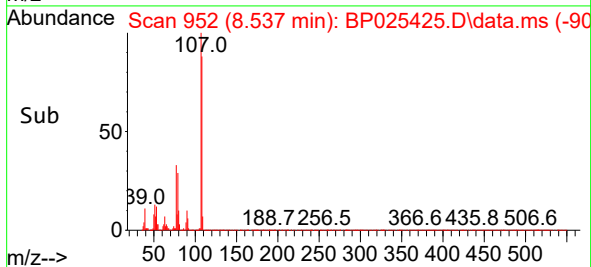
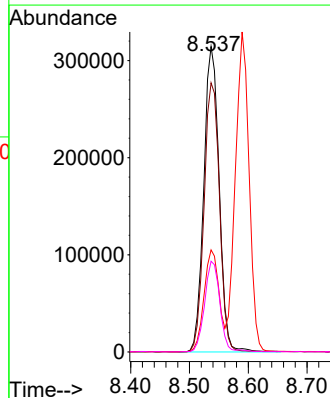
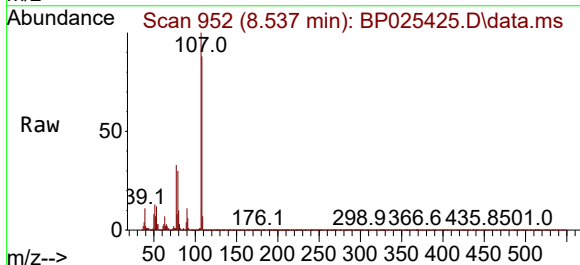
Ion Ratio Lower Upper

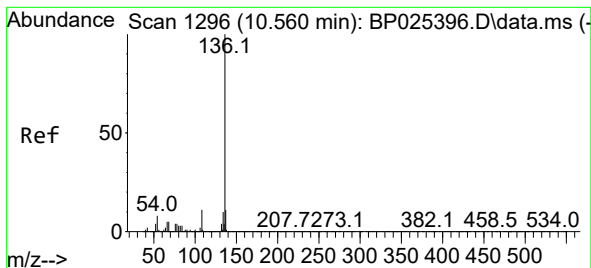
107 100

108 88.2 66.3 106.3

77 33.4 12.3 52.3

79 29.7 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.548 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

Tgt Ion:136 Resp: 666741

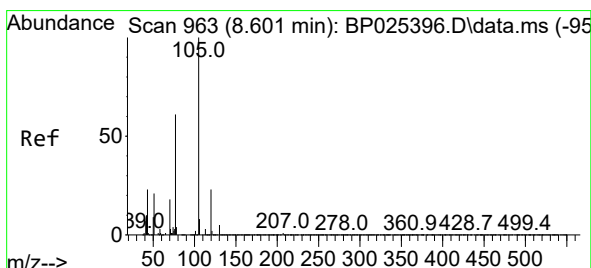
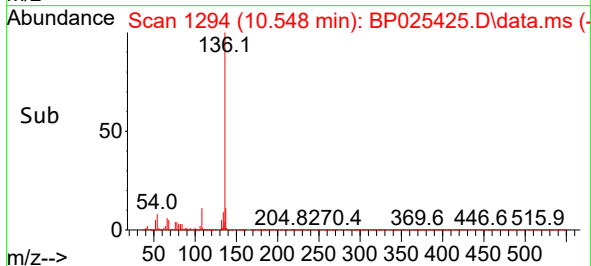
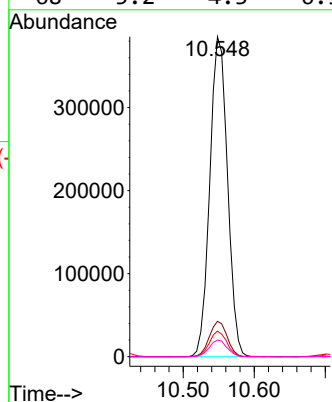
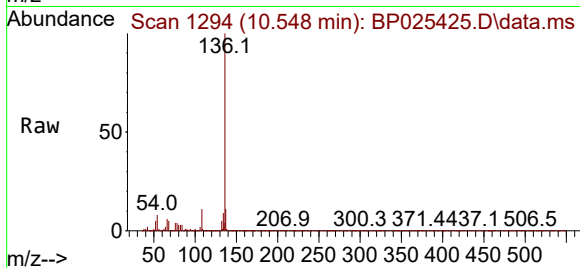
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.0 6.0 9.0

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 42.891 ng

RT: 8.590 min Scan# 961

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Tgt Ion:105 Resp: 717162

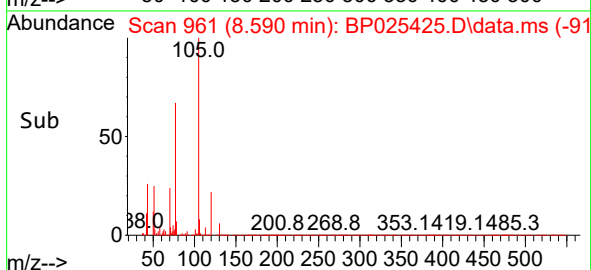
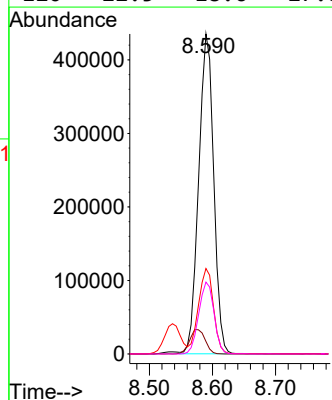
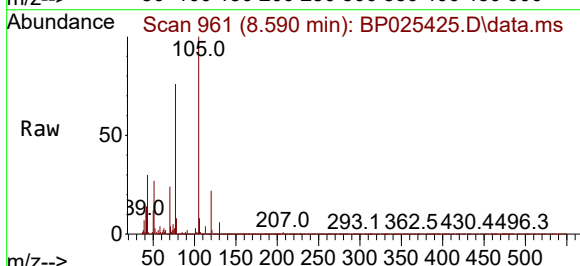
Ion Ratio Lower Upper

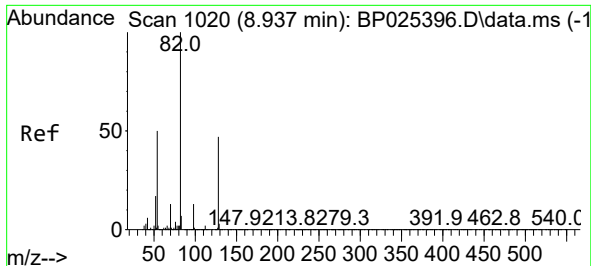
105 100

71 3.9 2.6 4.0

51 26.7 20.6 30.8

120 22.5 18.6 27.8

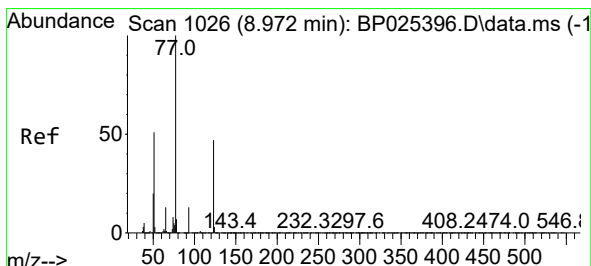
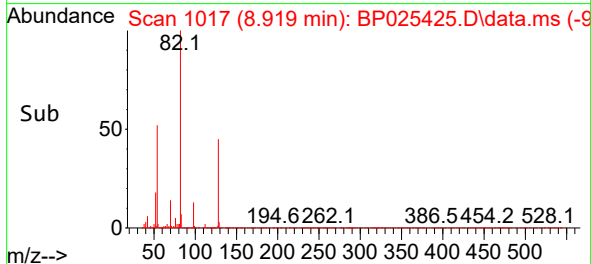
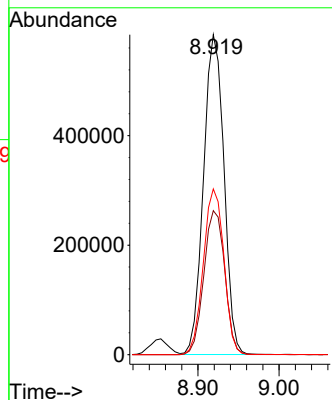
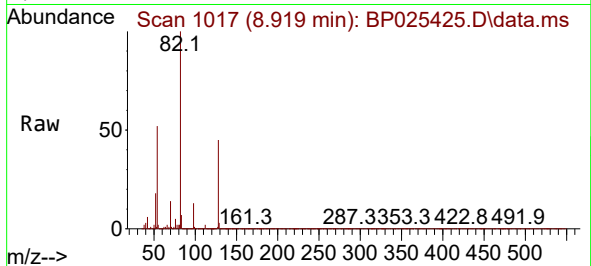




#23
Nitrobenzene-d5
Concen: 77.424 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

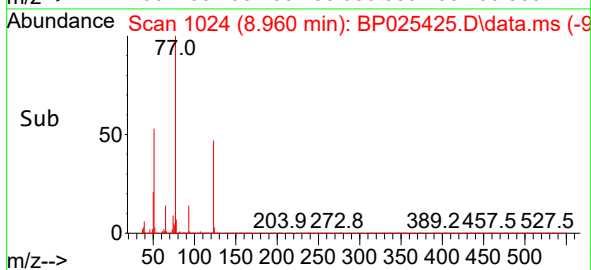
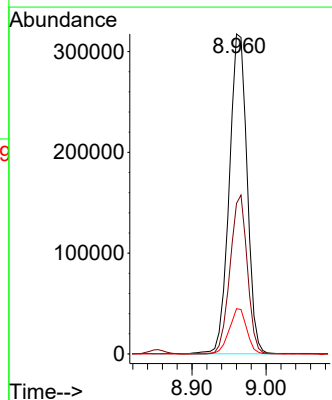
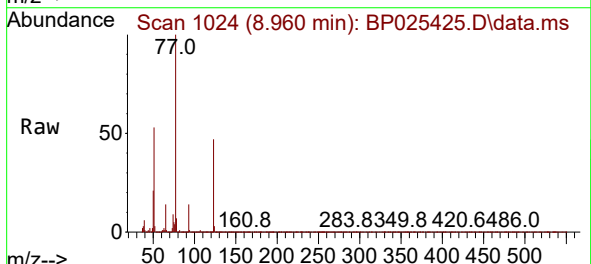
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

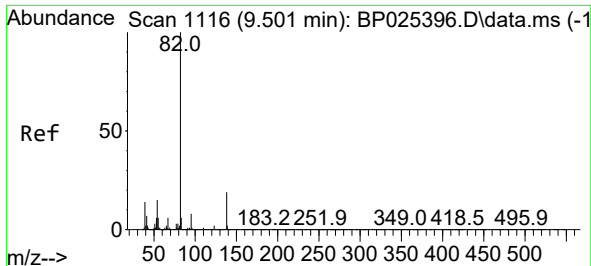
Tgt Ion: 82 Resp: 1020486
Ion Ratio Lower Upper
82 100
128 45.0 37.7 56.5
54 51.8 39.8 59.6



#24
Nitrobenzene
Concen: 44.976 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 77 Resp: 529804
Ion Ratio Lower Upper
77 100
123 47.1 38.6 58.0
65 14.2 10.6 15.8

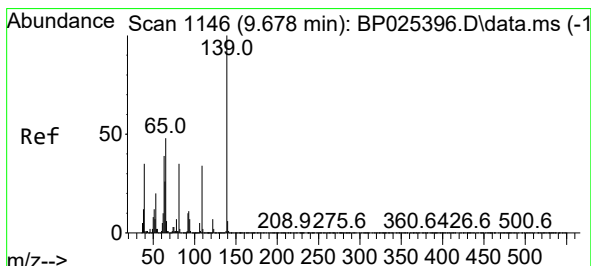
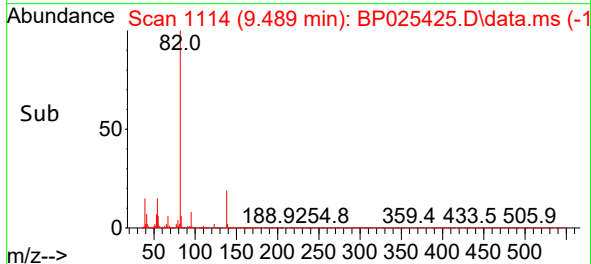
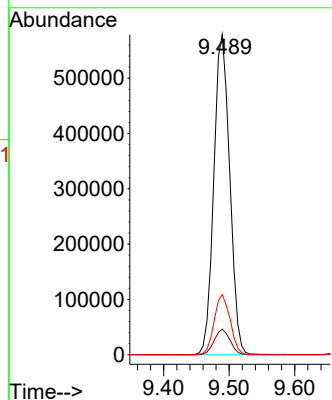
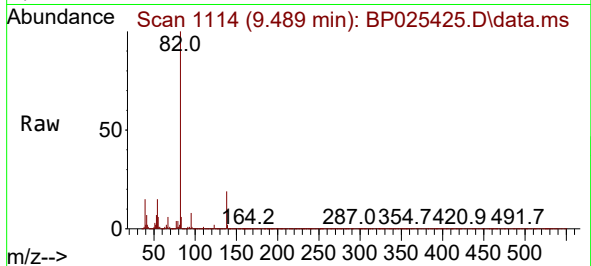




#25
Isophorone
Concen: 41.739 ng
RT: 9.489 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

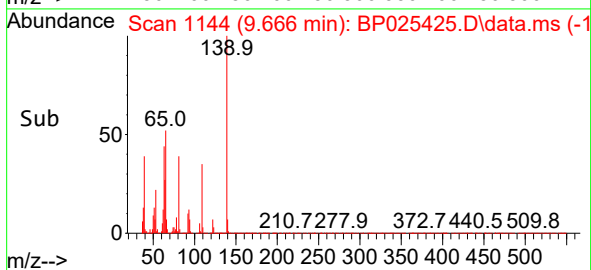
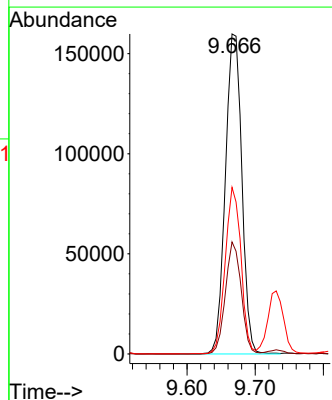
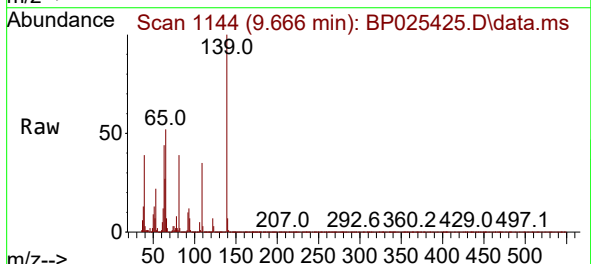
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

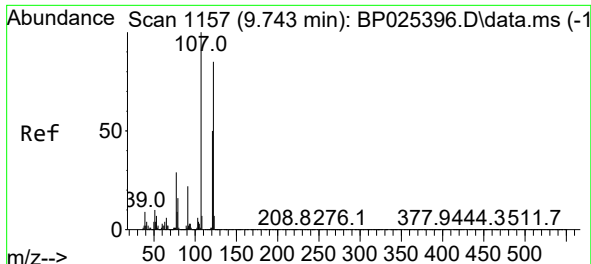
Tgt Ion: 82 Resp: 973615
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.8 15.4 23.0



#26
2-Nitrophenol
Concen: 44.509 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:139 Resp: 269071
Ion Ratio Lower Upper
139 100
109 35.0 26.9 40.3
65 52.0 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 45.278 ng

RT: 9.731 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

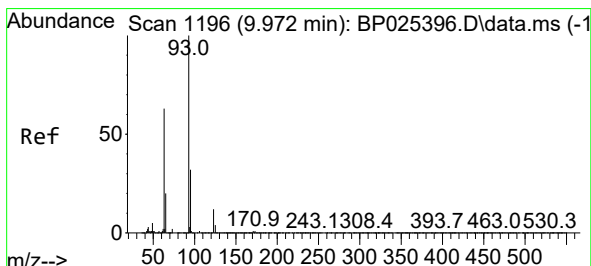
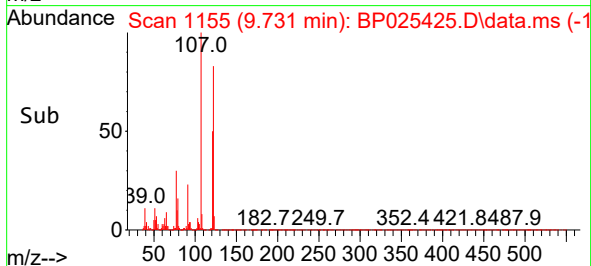
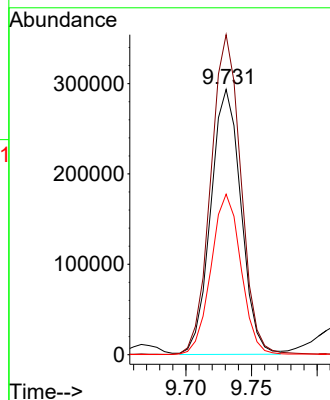
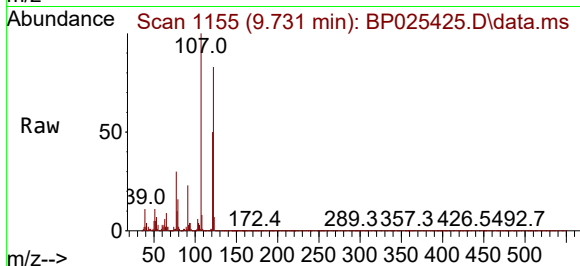
Tgt Ion:122 Resp: 470718

Ion Ratio Lower Upper

122 100

107 120.6 93.7 140.5

121 60.5 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.754 ng

RT: 9.960 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

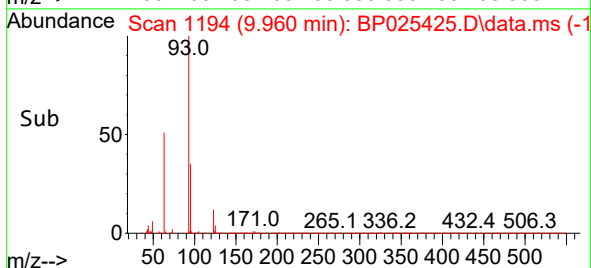
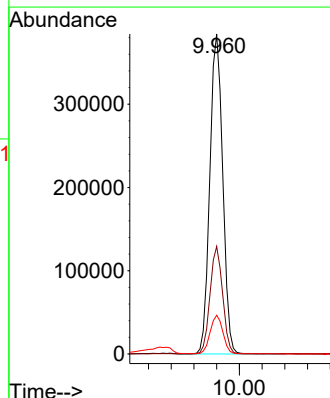
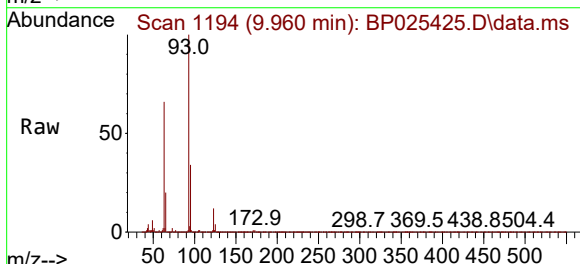
Tgt Ion: 93 Resp: 602831

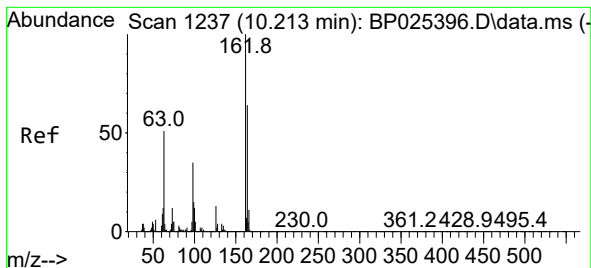
Ion Ratio Lower Upper

93 100

95 33.6 25.4 38.0

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.804 ng

RT: 10.201 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

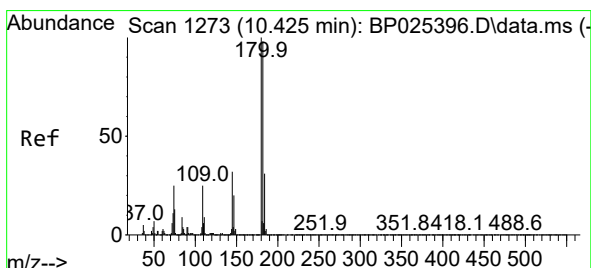
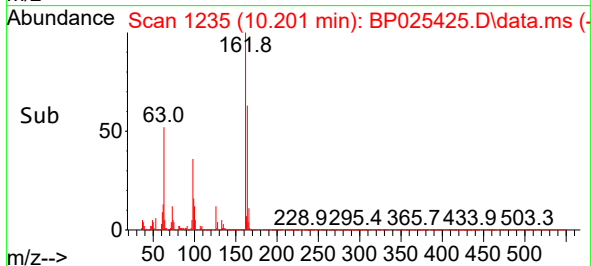
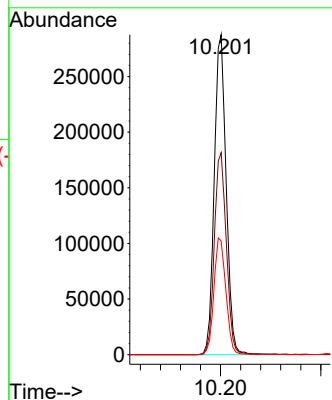
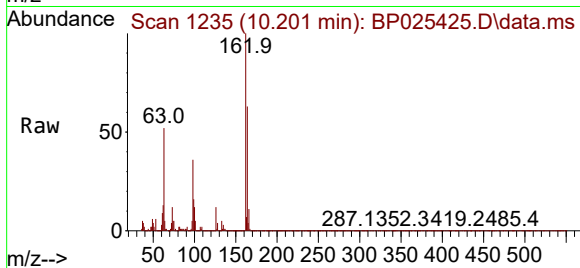
Tgt Ion:162 Resp: 473045

Ion Ratio Lower Upper

162 100

164 63.1 44.4 84.4

98 35.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.694 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

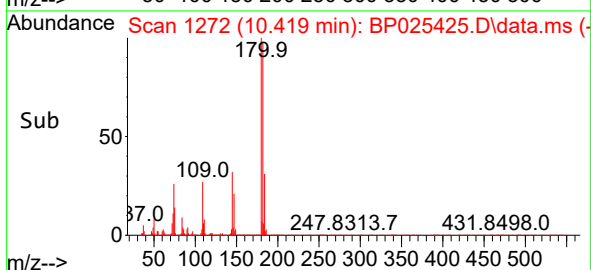
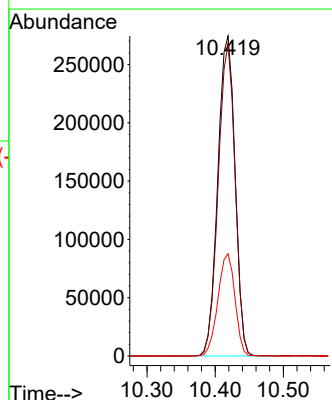
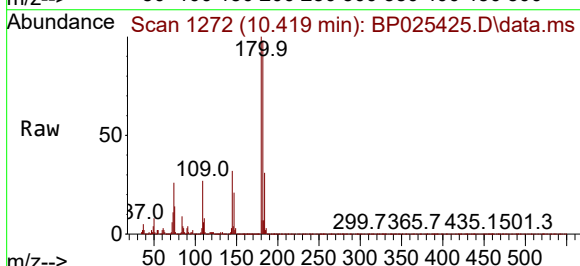
Tgt Ion:180 Resp: 483350

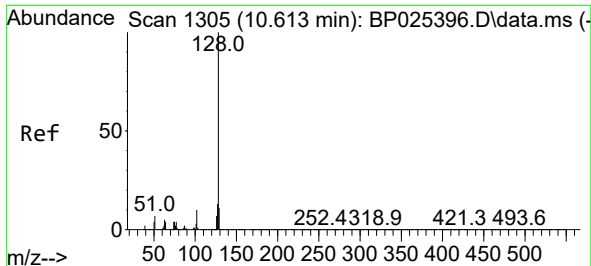
Ion Ratio Lower Upper

180 100

182 97.6 78.0 117.0

145 31.9 25.9 38.9

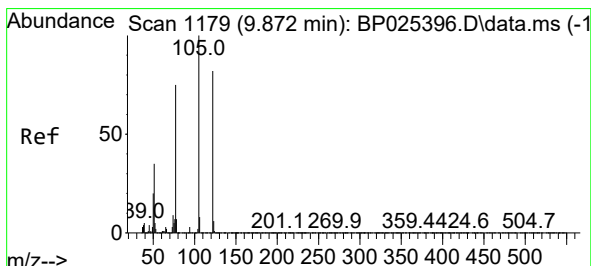
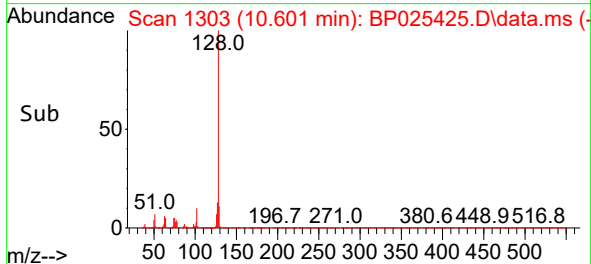
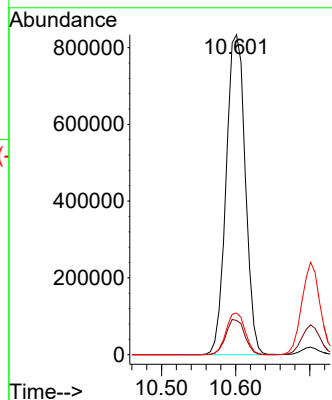
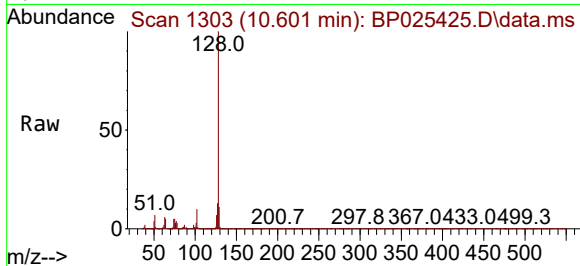




#31
Naphthalene
Concen: 43.131 ng
RT: 10.601 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

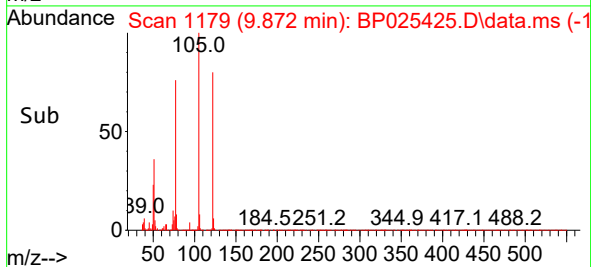
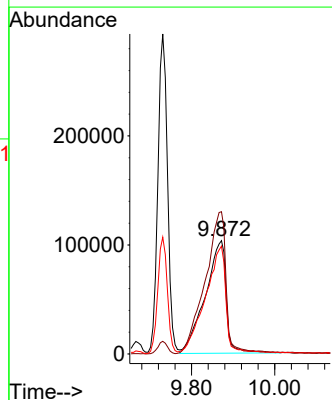
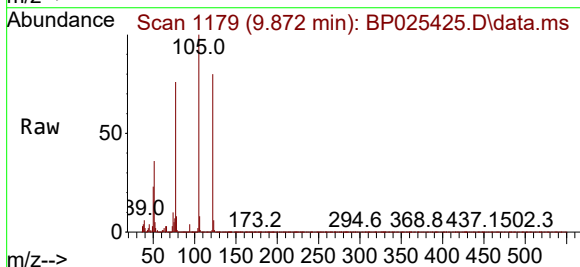
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

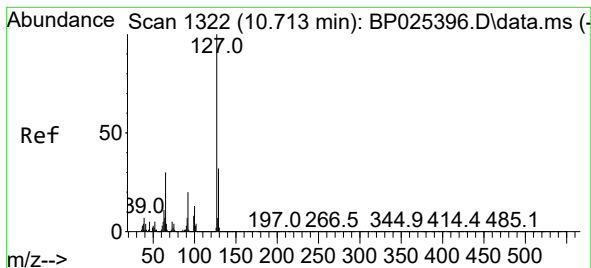
Tgt Ion:128 Resp: 1494676
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 47.195 ng
RT: 9.872 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:122 Resp: 362237
Ion Ratio Lower Upper
122 100
105 125.6 100.6 140.6
77 95.2 71.5 111.5





#33

4-Chloroaniline

Concen: 27.153 ng

RT: 10.701 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

Tgt Ion:127 Resp: 415649

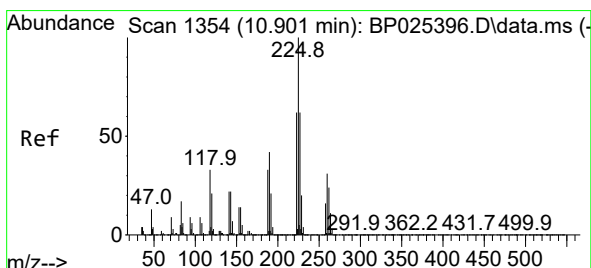
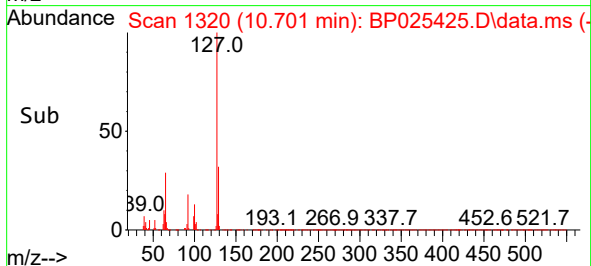
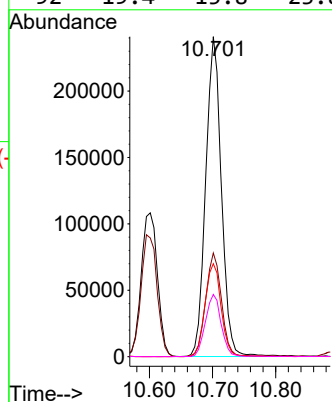
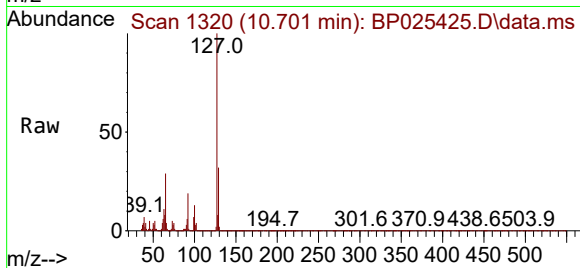
Ion Ratio Lower Upper

127 100

129 32.4 25.4 38.2

65 29.1 23.8 35.6

92 19.4 15.8 23.8



#34

Hexachlorobutadiene

Concen: 42.594 ng

RT: 10.889 min Scan# 1352

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

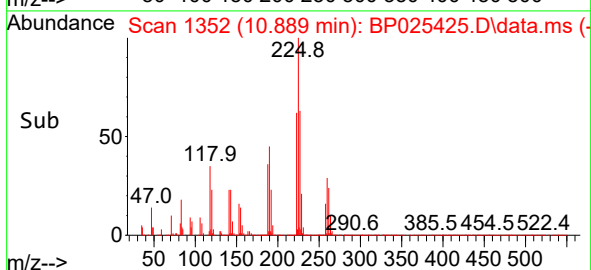
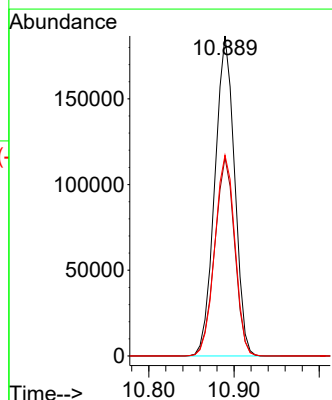
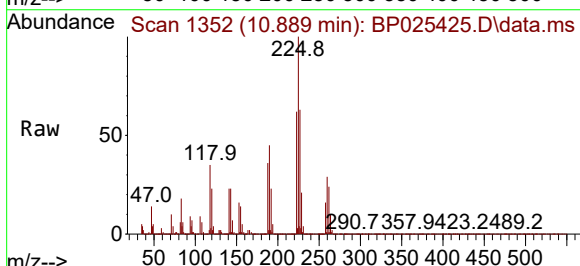
Tgt Ion:225 Resp: 300315

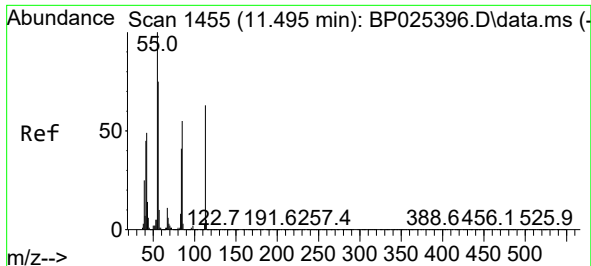
Ion Ratio Lower Upper

225 100

223 62.0 50.0 75.0

227 62.7 49.7 74.5

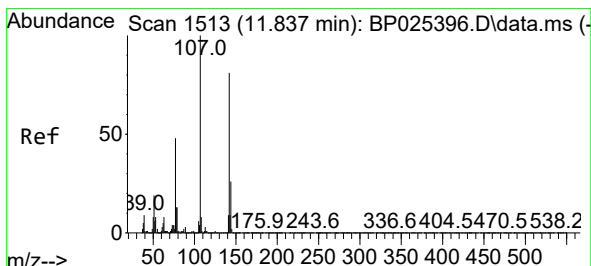
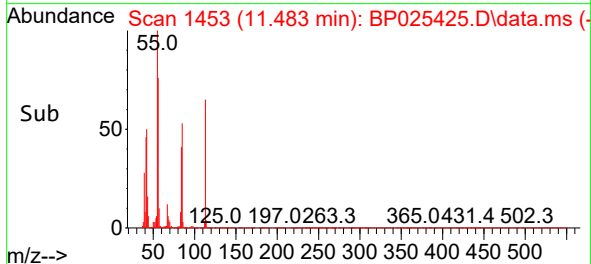
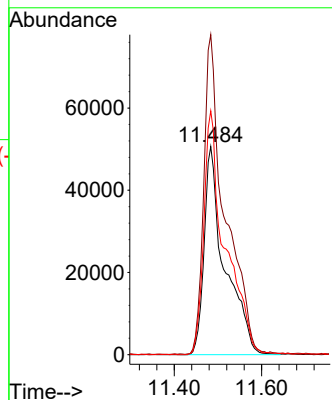
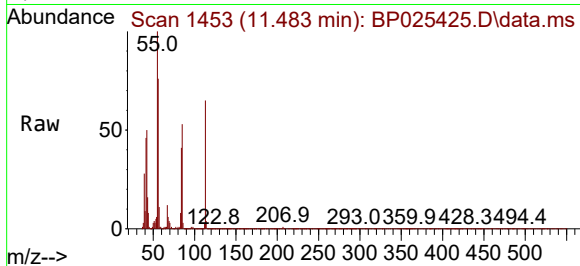




#35
Caprolactam
Concen: 43.898 ng
RT: 11.483 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

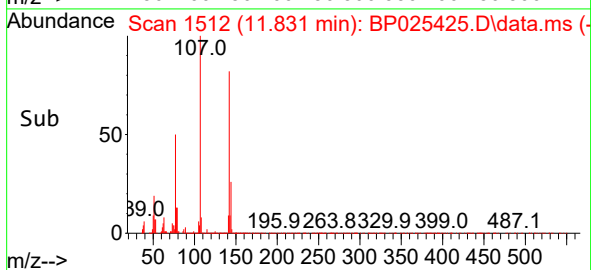
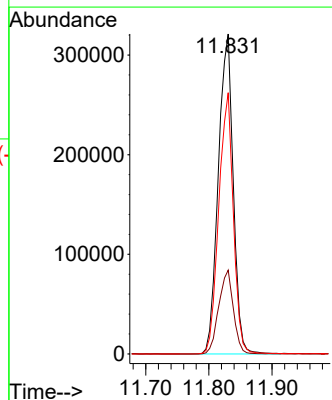
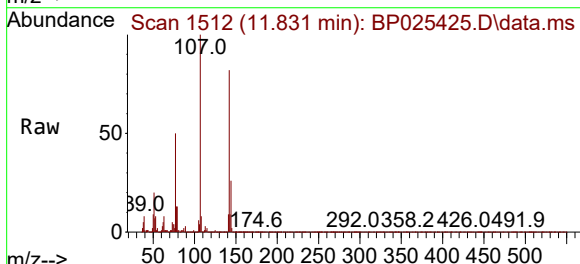
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	153.8	140.0	180.0
56	117.1	100.0	140.0



#36
4-Chloro-3-methylphenol
Concen: 44.558 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.4
142	81.6	64.6	97.0

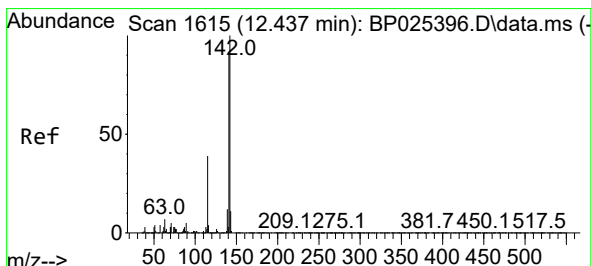
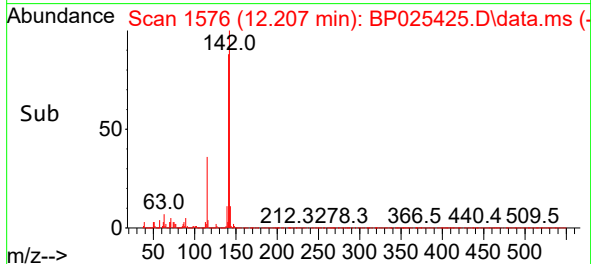
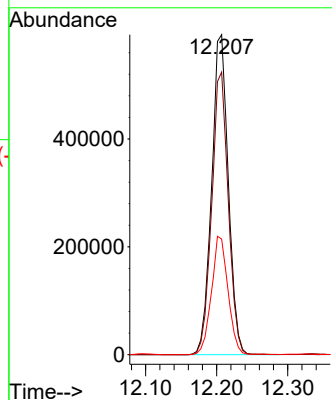
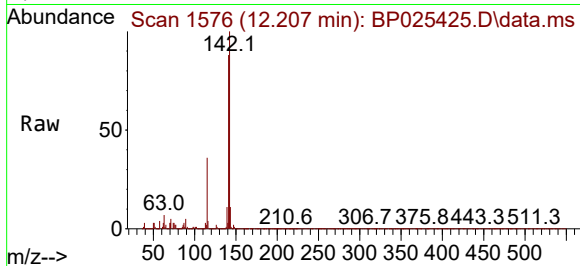




#37
2-Methylnaphthalene
Concen: 42.828 ng
RT: 12.207 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

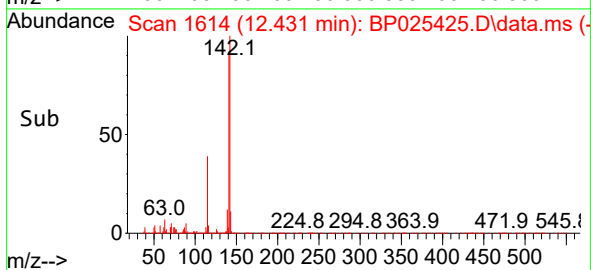
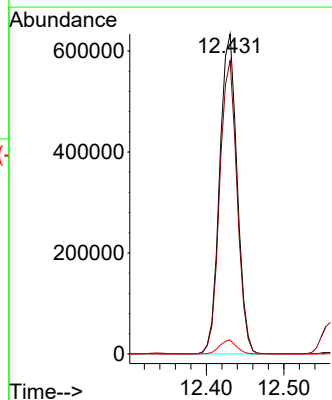
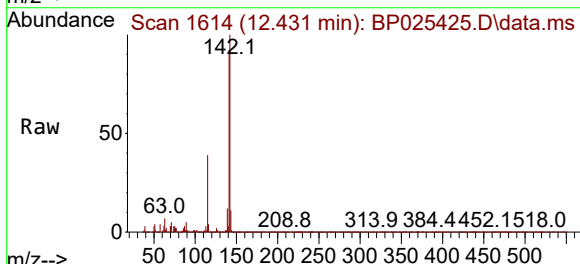
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

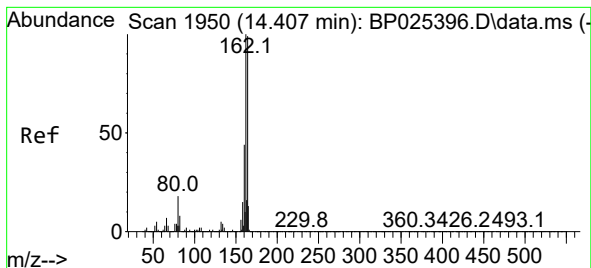
Tgt Ion:142 Resp: 965857
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 36.2 28.9 43.3



#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:142 Resp: 991029
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

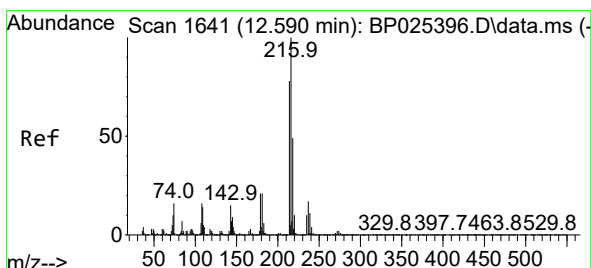
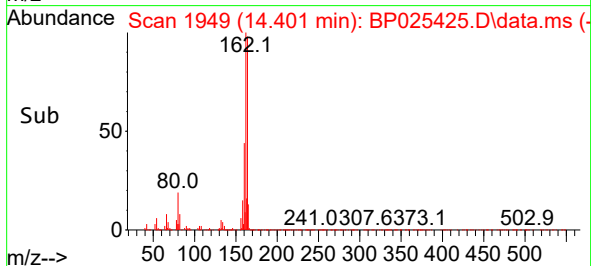
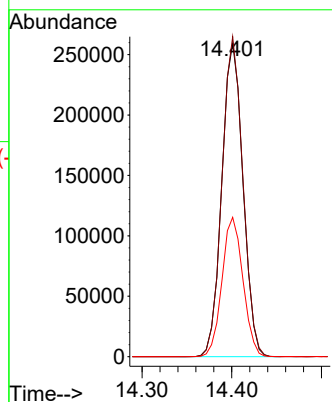
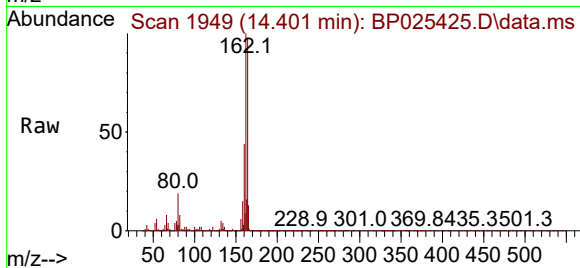
Tgt Ion:164 Resp: 424927

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.6

160 44.4 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.258 ng

RT: 12.578 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Tgt Ion:216 Resp: 530873

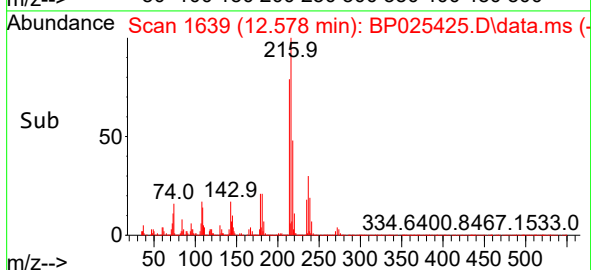
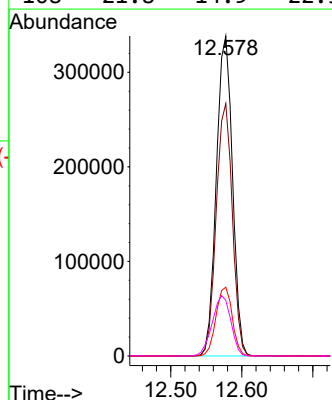
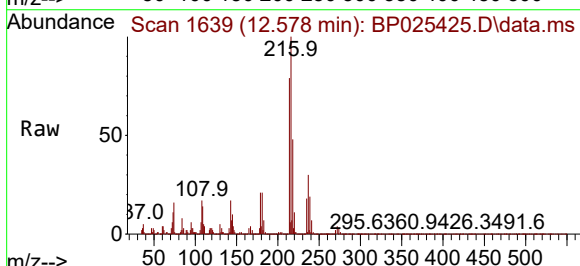
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 21.8 17.1 25.7

108 21.8 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 96.356 ng

RT: 12.560 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

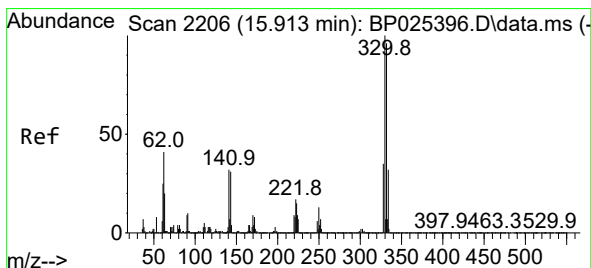
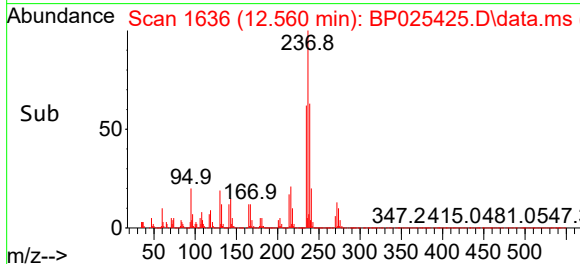
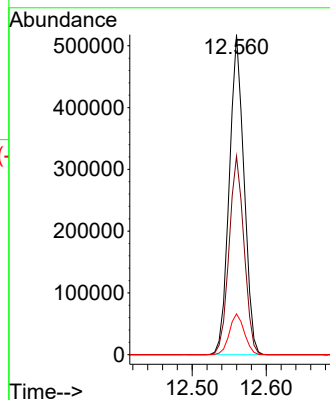
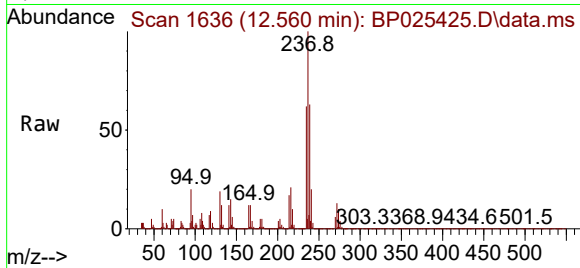
Tgt Ion:237 Resp: 714288

Ion Ratio Lower Upper

237 100

235 62.0 42.7 82.7

272 12.8 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 124.601 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

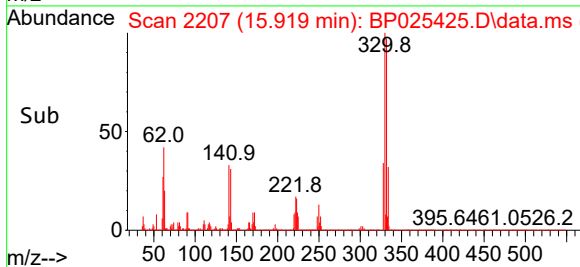
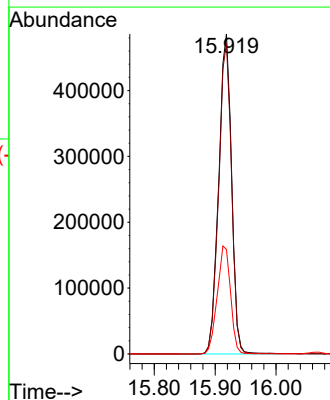
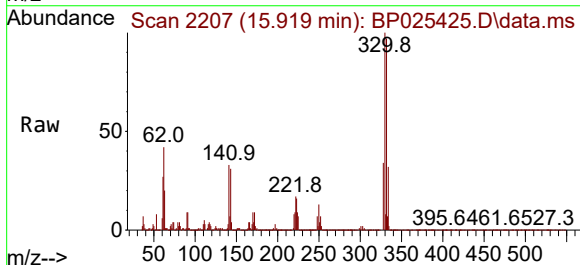
Tgt Ion:330 Resp: 712661

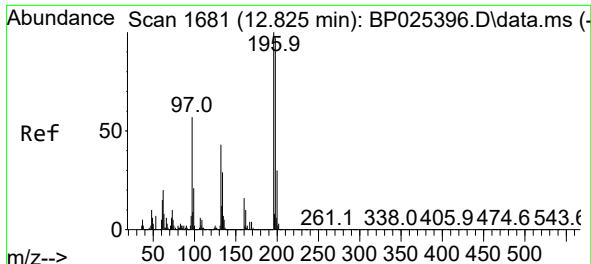
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 34.9 26.6 39.8

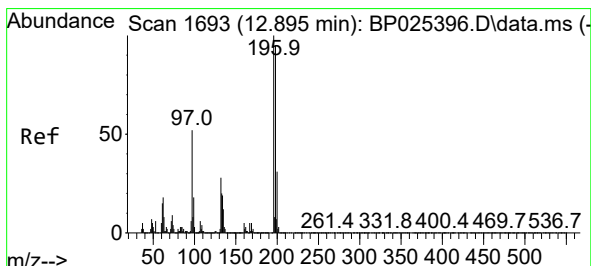
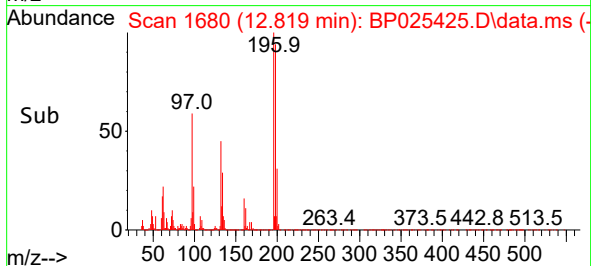
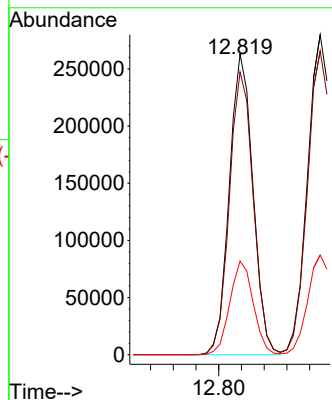
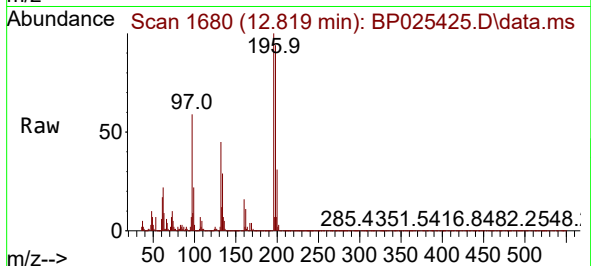




#43
2,4,6-Trichlorophenol
Concen: 45.894 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

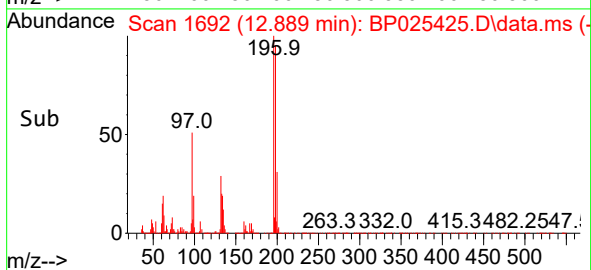
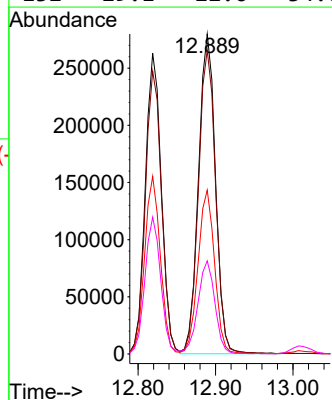
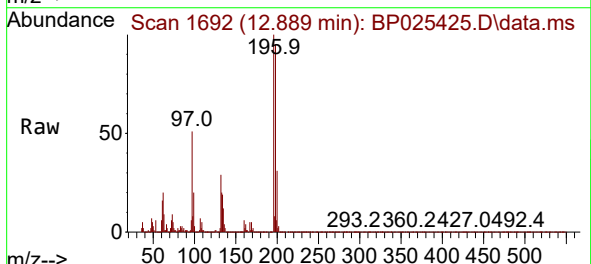
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

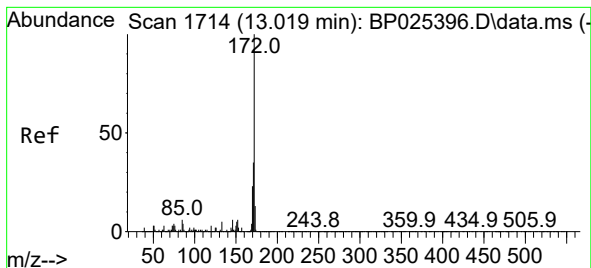
Tgt Ion:196 Resp: 380238
Ion Ratio Lower Upper
196 100
198 94.0 77.2 115.8
200 31.1 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 47.021 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:196 Resp: 426971
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
97 51.2 41.2 61.8
132 29.1 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 76.778 ng

RT: 13.013 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

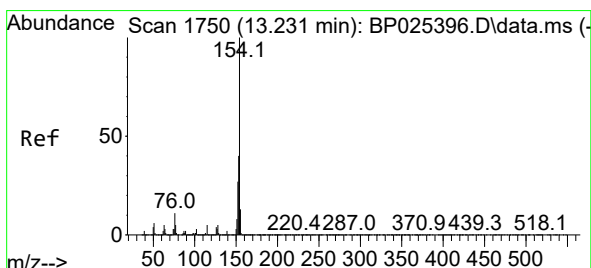
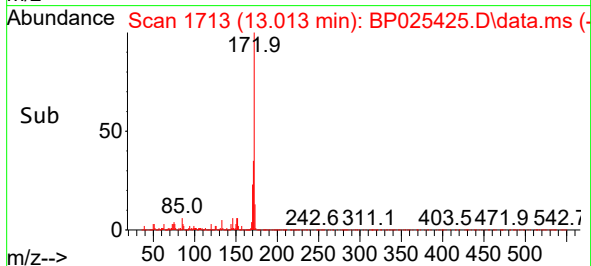
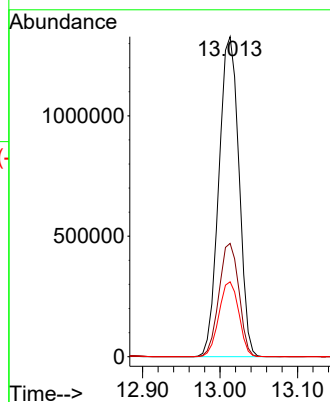
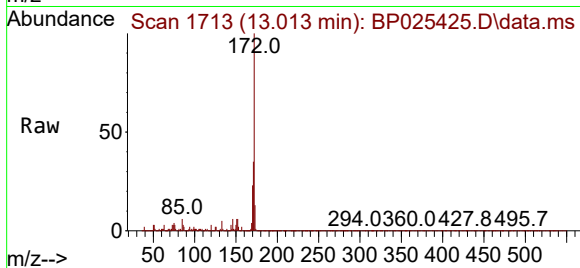
Tgt Ion:172 Resp: 2387172

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 43.484 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

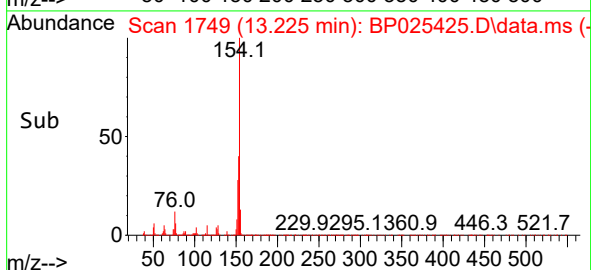
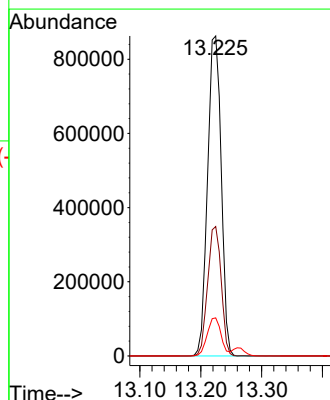
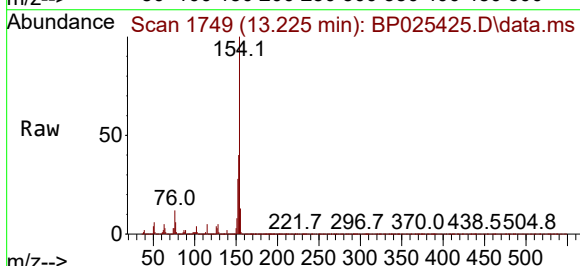
Tgt Ion:154 Resp: 1341958

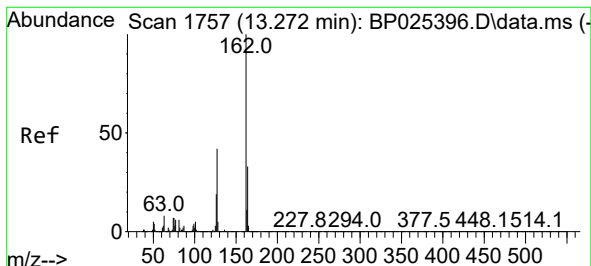
Ion Ratio Lower Upper

154 100

153 40.4 19.5 59.5

76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.506 ng

RT: 13.260 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

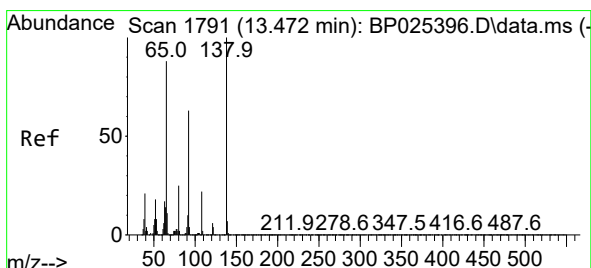
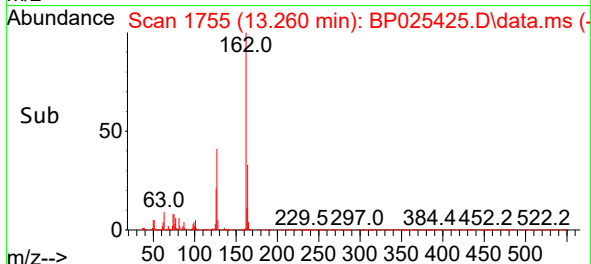
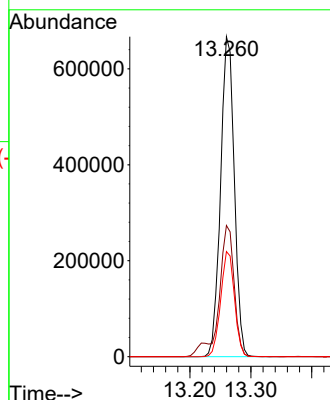
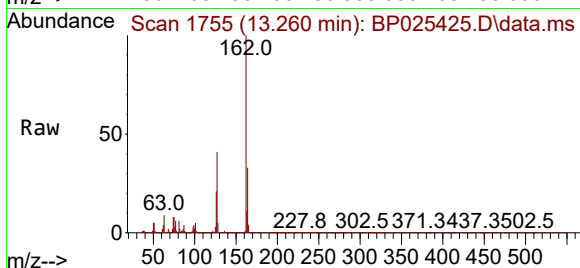
Tgt Ion:162 Resp: 1045208

Ion Ratio Lower Upper

162 100

127 41.0 33.4 50.2

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 47.491 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

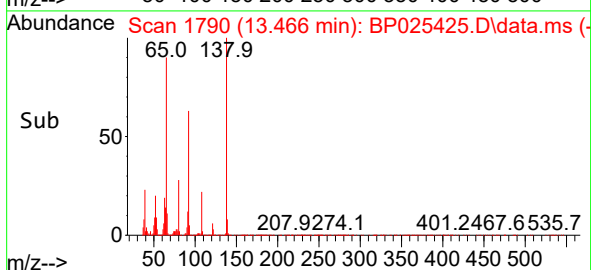
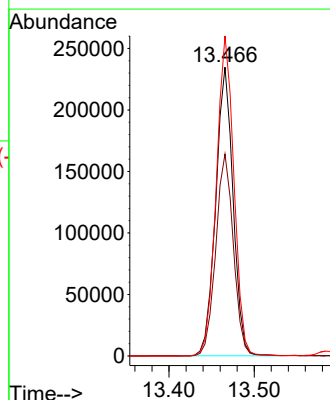
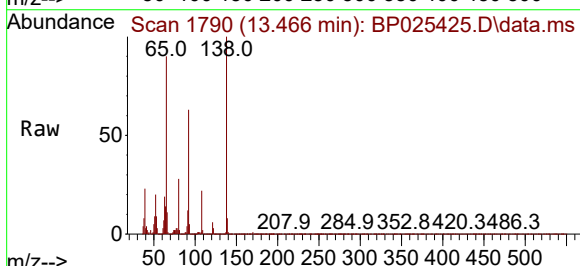
Tgt Ion: 65 Resp: 332445

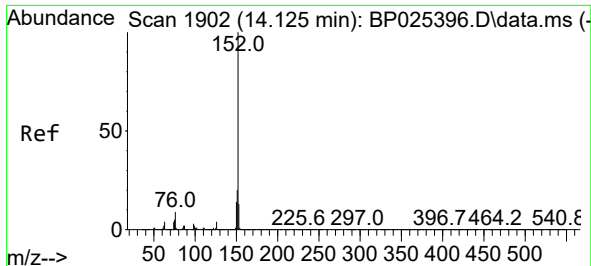
Ion Ratio Lower Upper

65 100

92 69.9 57.6 86.4

138 110.8 91.0 136.6

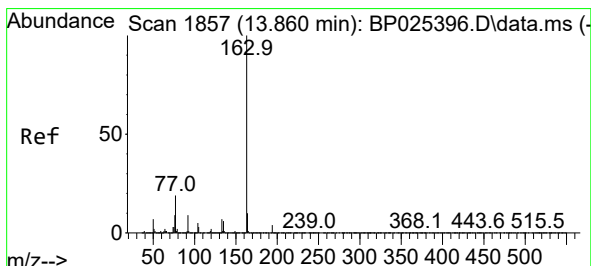
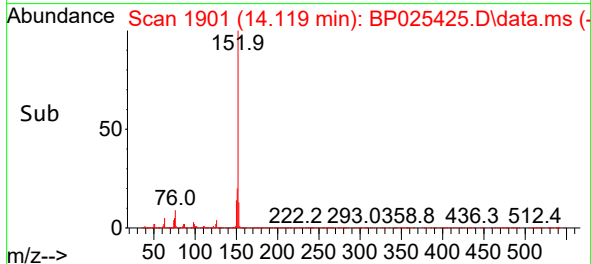
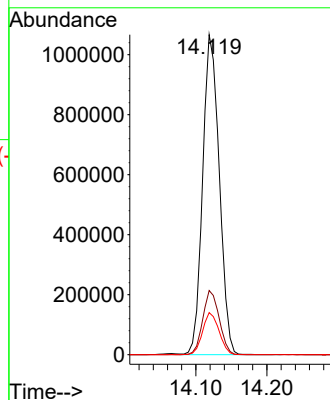
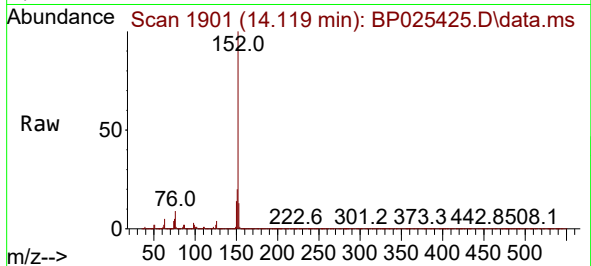




#49
Acenaphthylene
Concen: 43.679 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

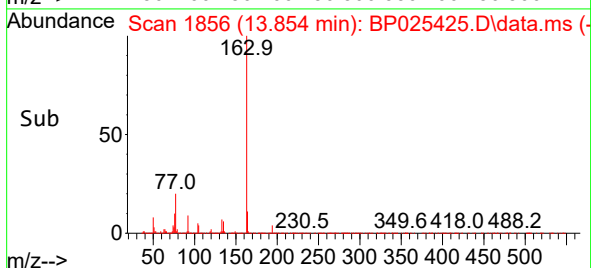
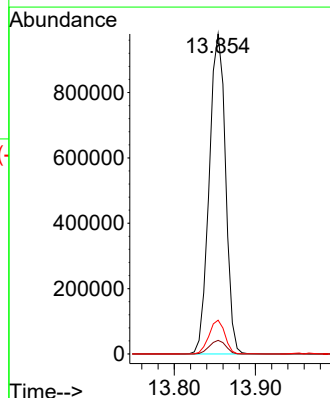
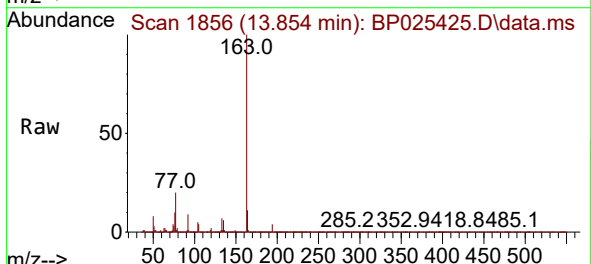
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

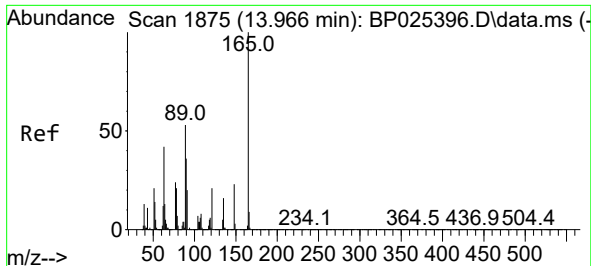
Tgt Ion:152 Resp: 1736412
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 43.854 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:163 Resp: 1364594
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.6 7.9 11.9

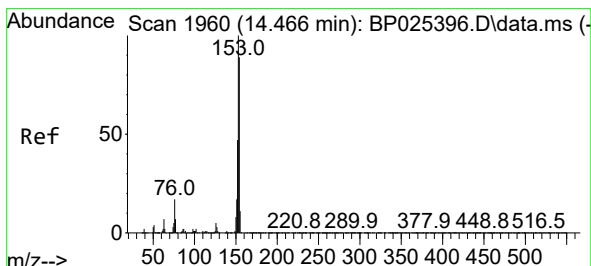
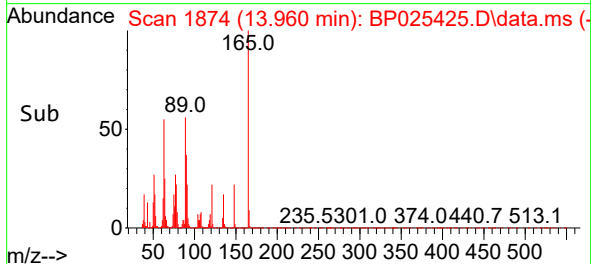
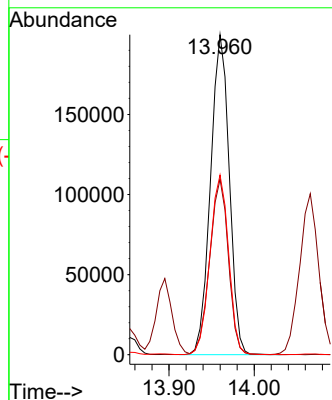
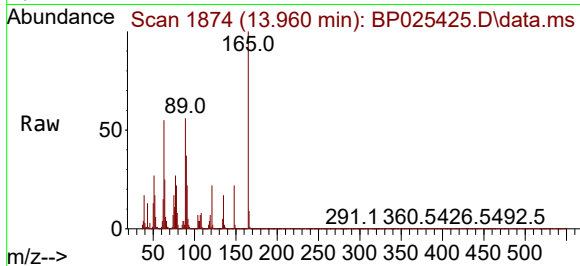




#51
2,6-Dinitrotoluene
Concen: 46.547 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

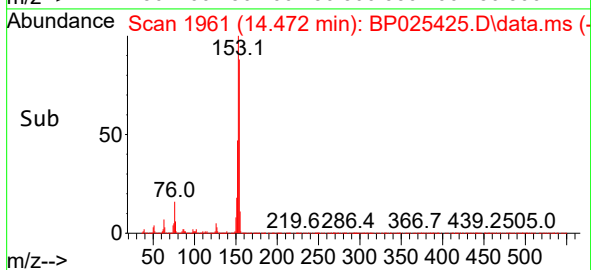
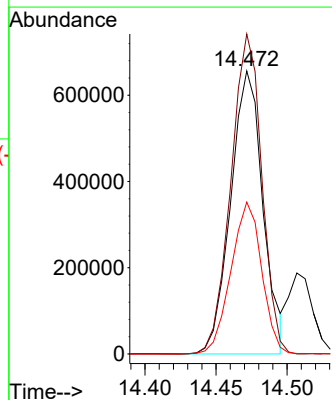
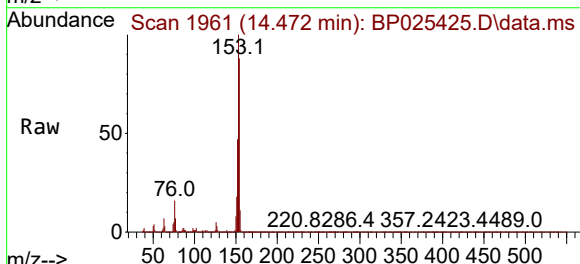
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

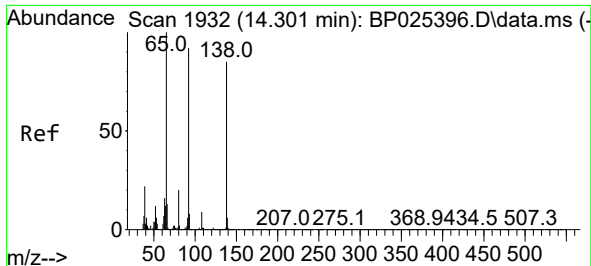
Tgt Ion:165 Resp: 305278
Ion Ratio Lower Upper
165 100
63 54.9 40.9 61.3
89 56.1 42.1 63.1



#52
Acenaphthene
Concen: 44.318 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:154 Resp: 1034163
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.2
152 53.7 42.1 63.1

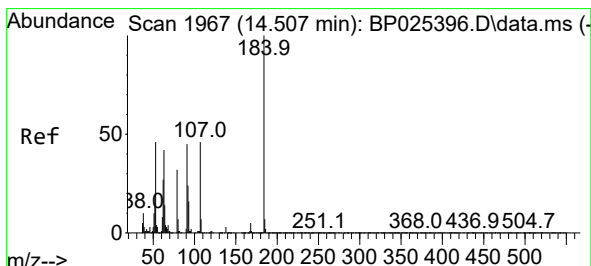
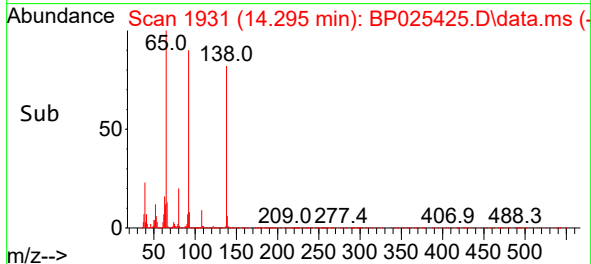
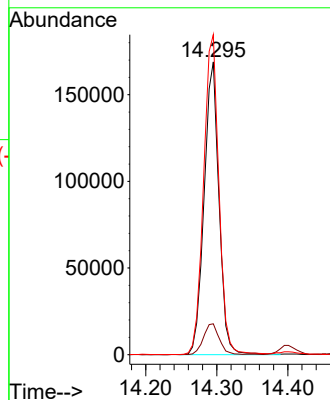
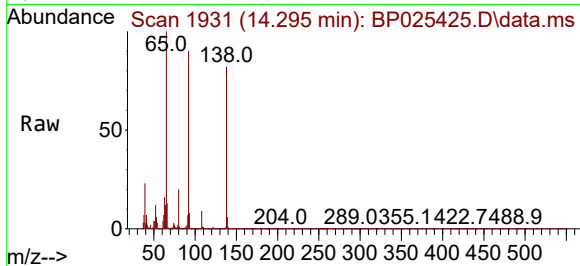




#53
3-Nitroaniline
Concen: 33.442 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

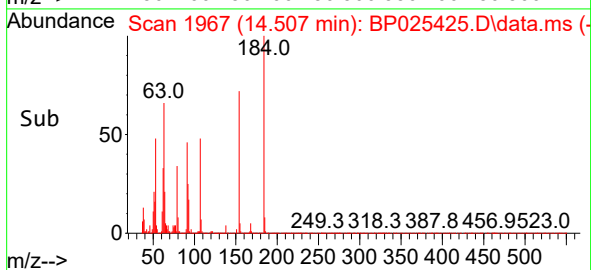
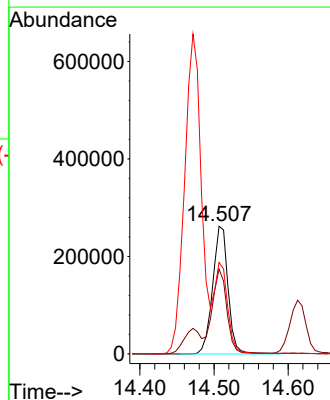
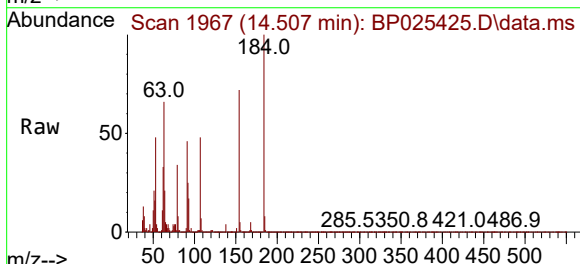
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

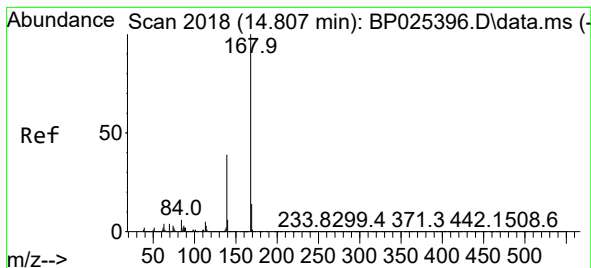
Tgt Ion:138 Resp: 246772
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 109.3 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 108.068 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:184 Resp: 378502
Ion Ratio Lower Upper
184 100
63 66.4 49.4 74.2
154 71.6 54.6 82.0





#55

Dibenzofuran

Concen: 42.921 ng

RT: 14.807 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

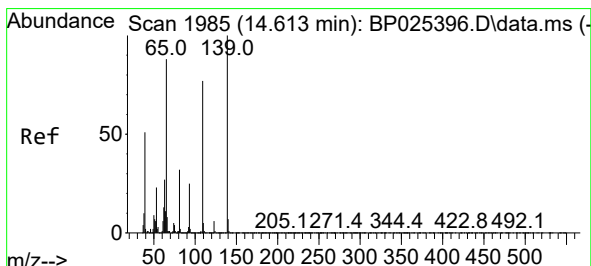
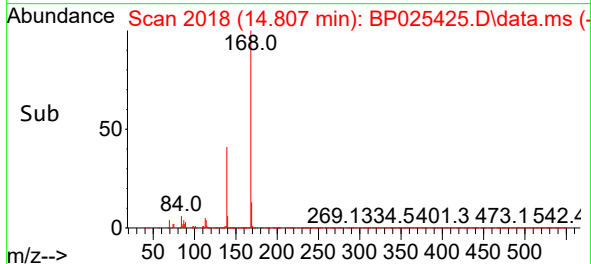
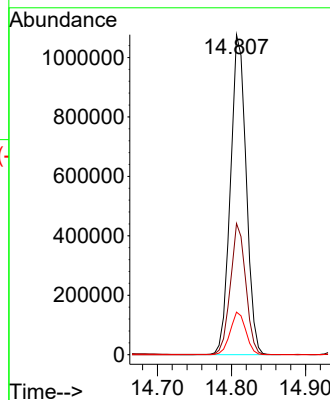
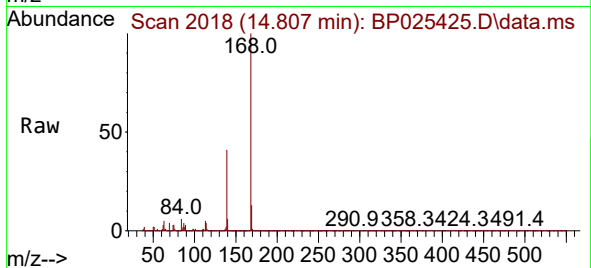
Tgt Ion:168 Resp: 1583459

Ion Ratio Lower Upper

168 100

139 41.0 31.5 47.3

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 95.340 ng

RT: 14.613 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

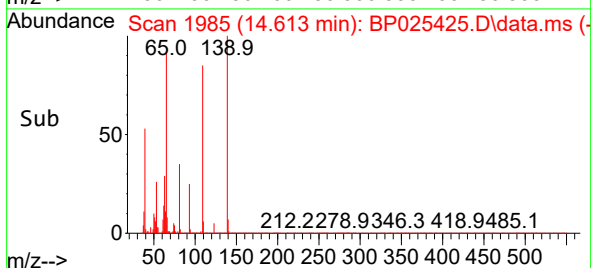
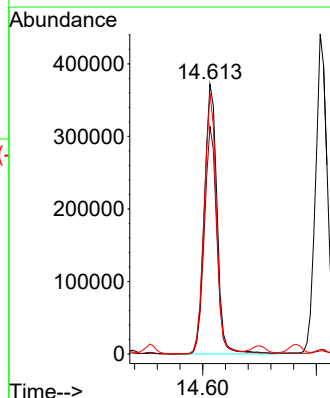
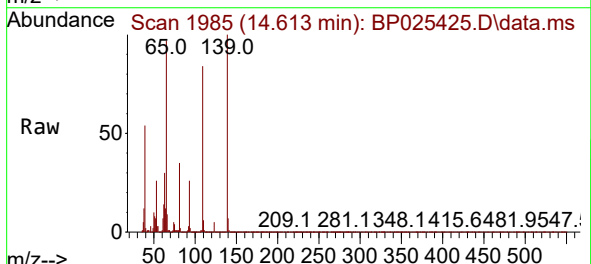
Tgt Ion:139 Resp: 578099

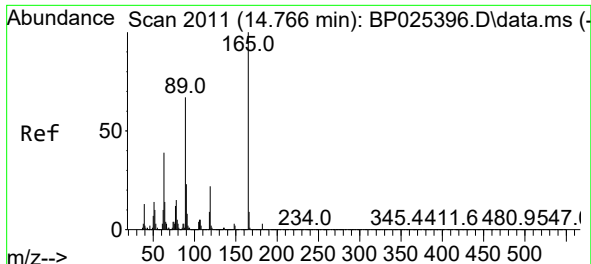
Ion Ratio Lower Upper

139 100

109 84.3 56.6 96.6

65 96.7 68.2 108.2

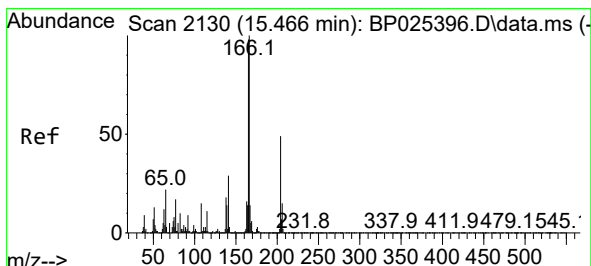
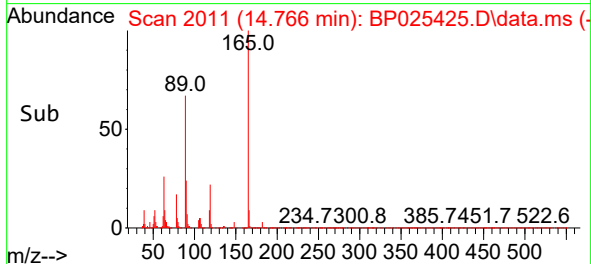
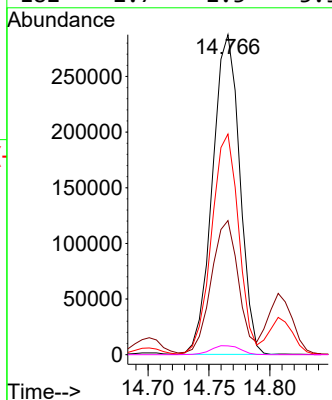
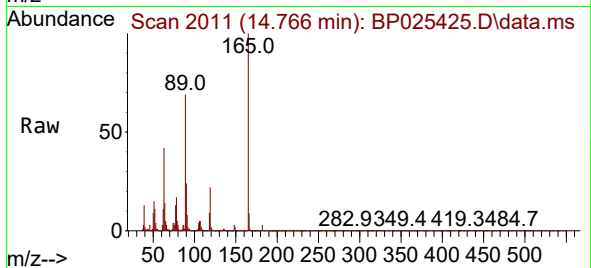




#57
2,4-Dinitrotoluene
Concen: 47.730 ng
RT: 14.766 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

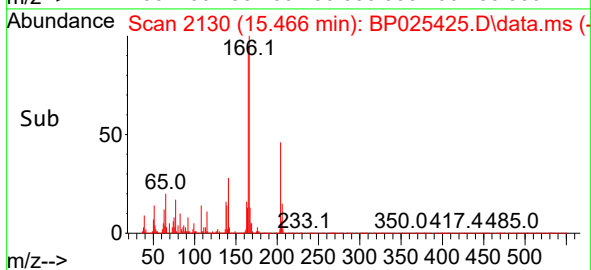
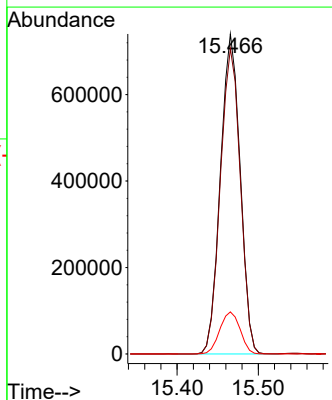
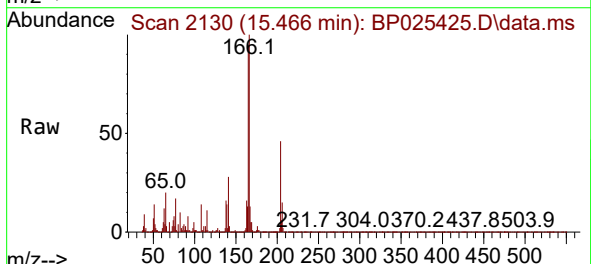
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

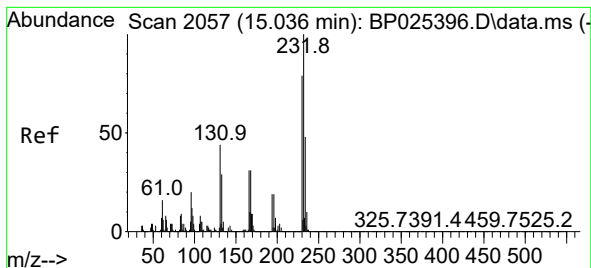
Tgt Ion:165 Resp: 446631
Ion Ratio Lower Upper
165 100
63 41.9 31.4 47.2
89 68.9 53.3 79.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 42.998 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:166 Resp: 1251709
Ion Ratio Lower Upper
166 100
165 95.4 78.8 118.2
167 13.2 11.0 16.4

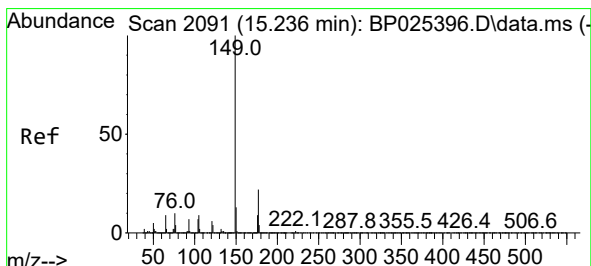
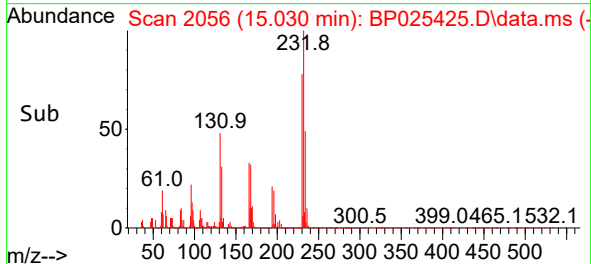
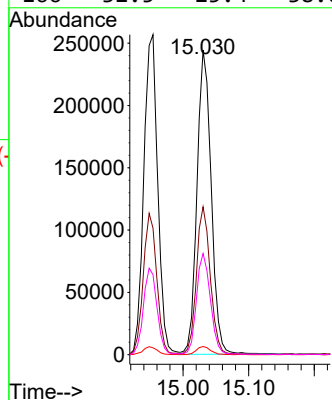
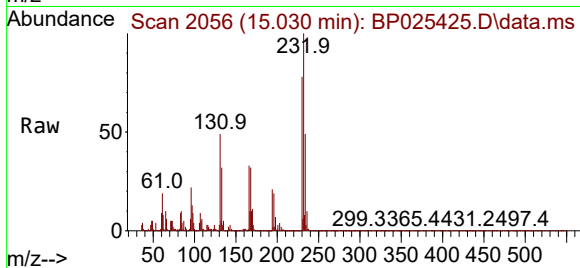




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.009 ng
RT: 15.030 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

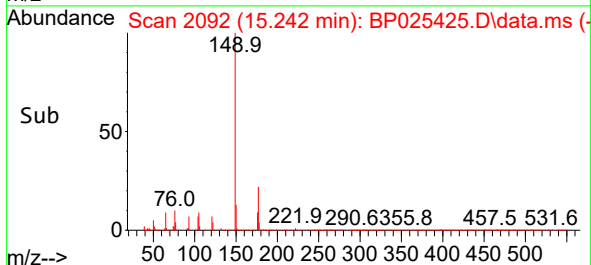
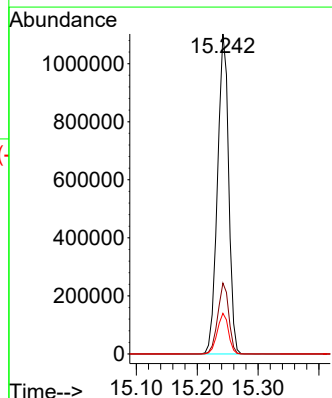
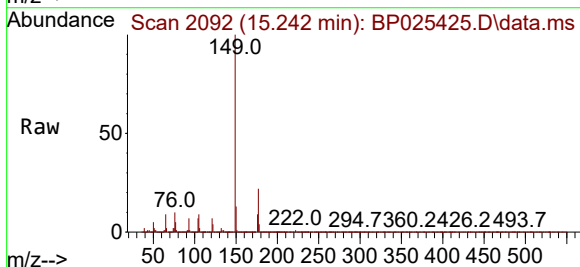
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

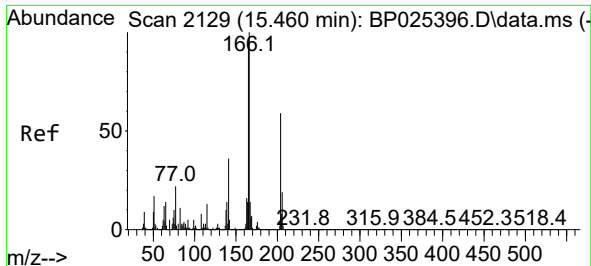
Tgt Ion:232 Resp: 368890
Ion Ratio Lower Upper
232 100
131 47.3 37.0 55.6
130 2.7 1.9 2.9
166 32.5 25.4 38.0



#60
Diethylphthalate
Concen: 44.210 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:149 Resp: 1397834
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.7 10.3 15.5

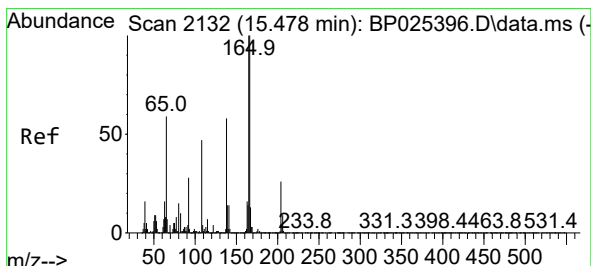
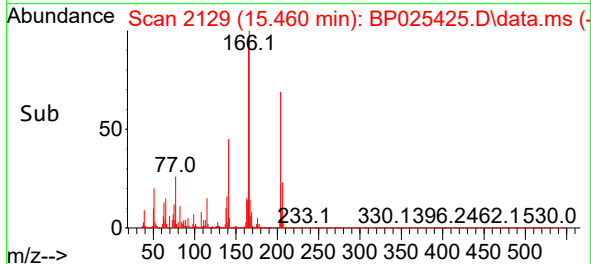
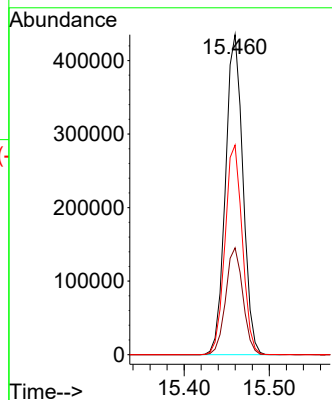
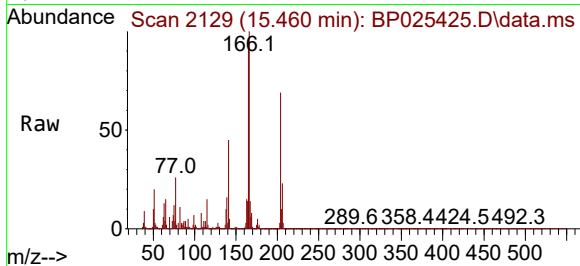




#61
4-Chlorophenyl-phenylether
Concen: 42.656 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

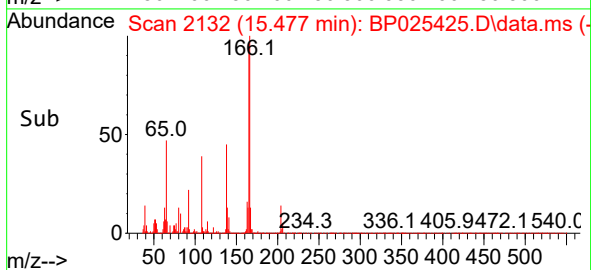
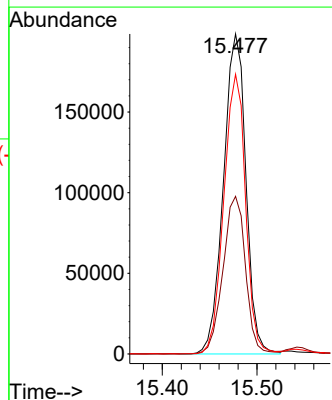
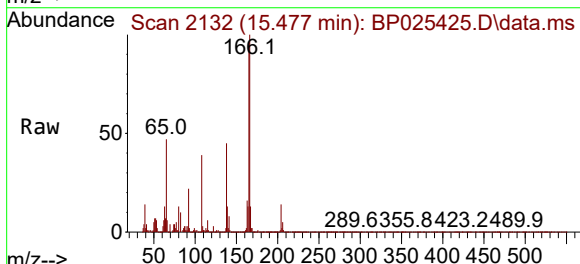
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

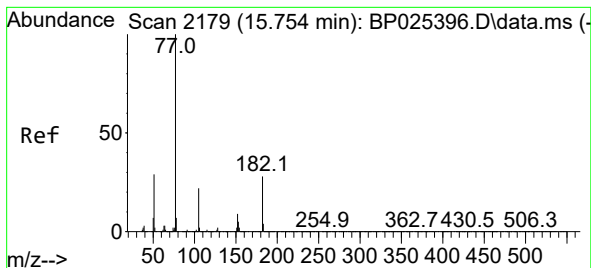
Tgt Ion:204 Resp: 617566
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 65.5 49.4 74.2



#62
4-Nitroaniline
Concen: 43.331 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:138 Resp: 327789
Ion Ratio Lower Upper
138 100
92 49.2 29.1 69.1
108 87.4 61.5 101.5

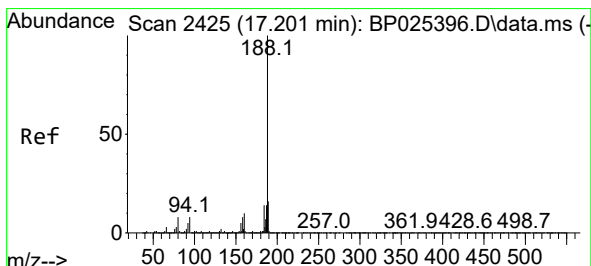
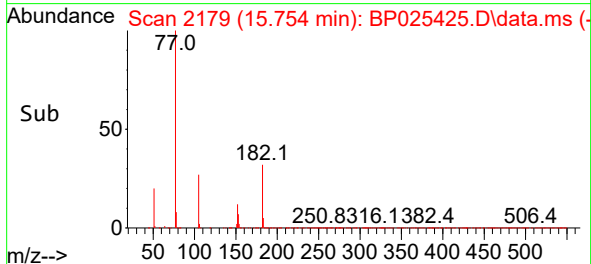
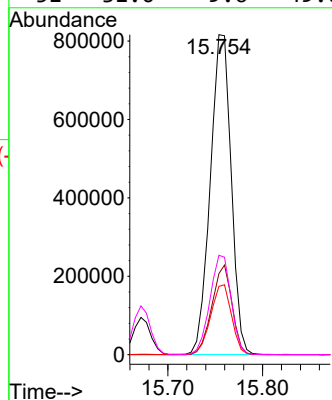
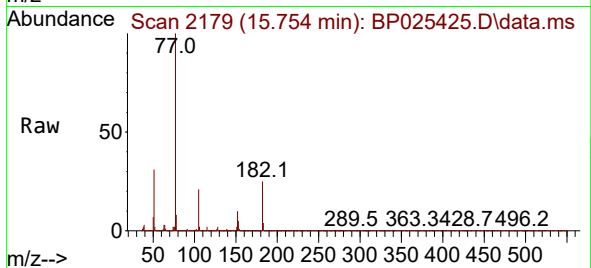




#63
Azobenzene
Concen: 46.193 ng
RT: 15.754 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

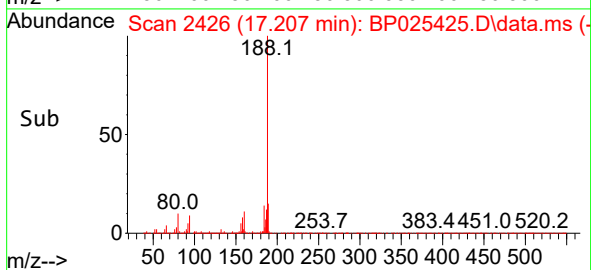
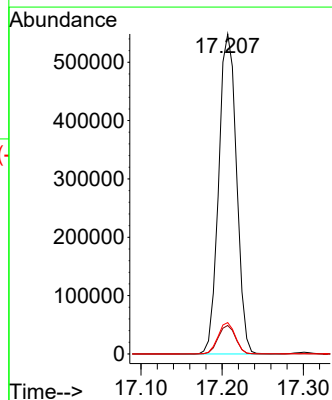
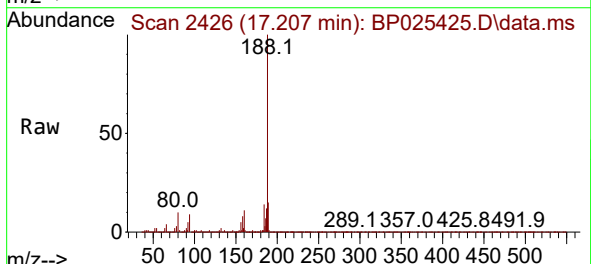
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

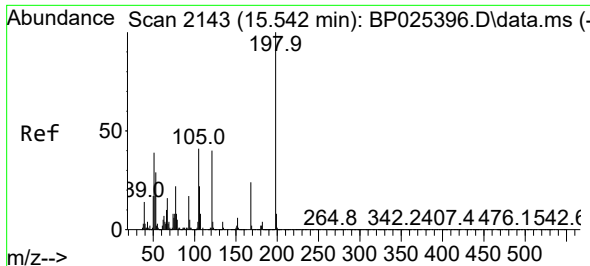
Tgt Ion: 77 Resp: 1250604
Ion Ratio Lower Upper
77 100
182 25.3 7.5 47.5
105 21.3 2.1 42.1
51 31.0 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:188 Resp: 837407
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.8 6.7 10.1

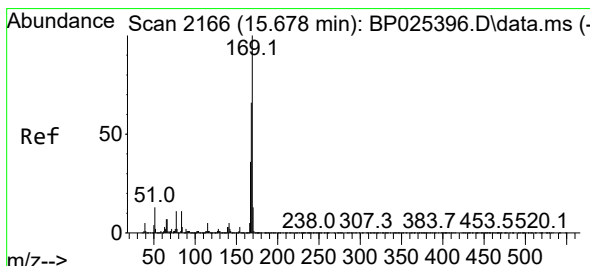
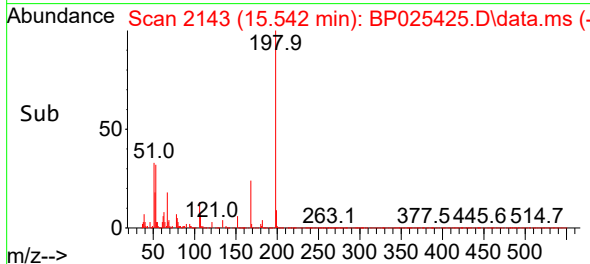
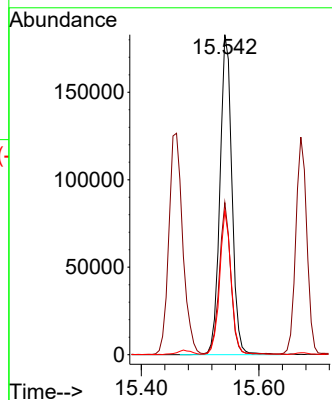
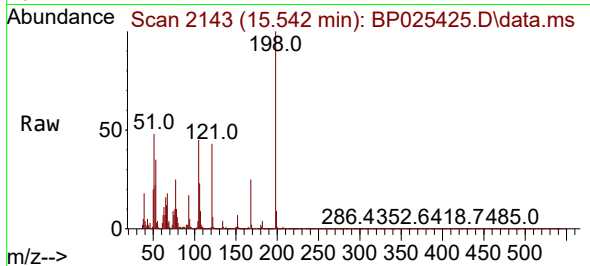




#65
4,6-Dinitro-2-methylphenol
Concen: 49.550 ng
RT: 15.542 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

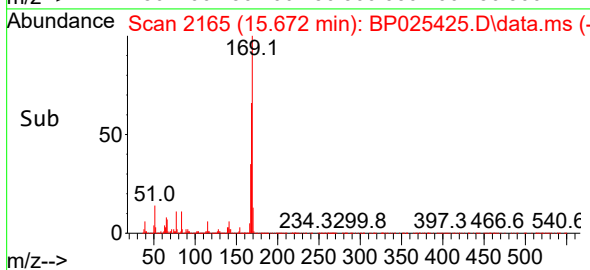
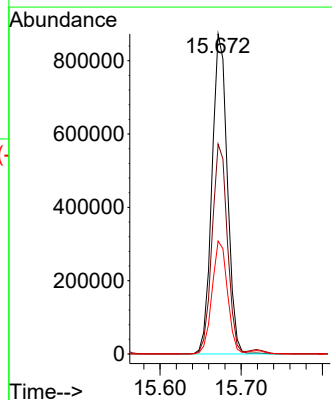
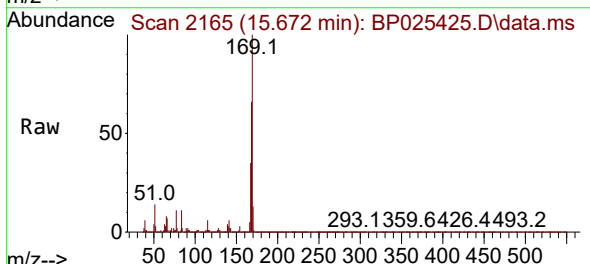
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

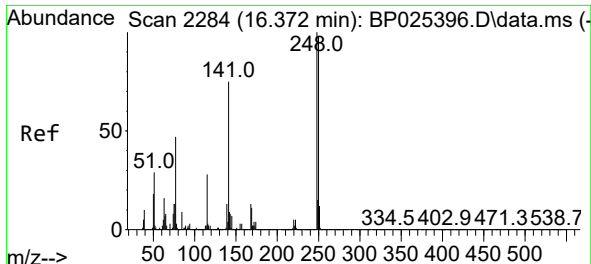
Tgt Ion:198 Resp: 258648
Ion Ratio Lower Upper
198 100
51 47.5 19.6 59.6
105 45.0 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 44.808 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:169 Resp: 1144220
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.3 28.7 43.1

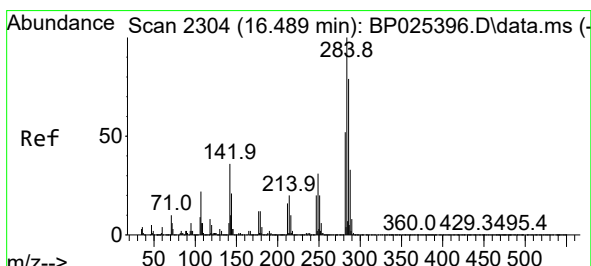
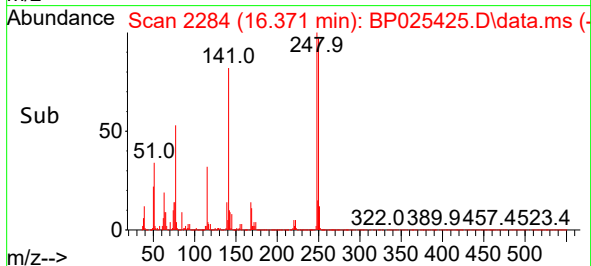
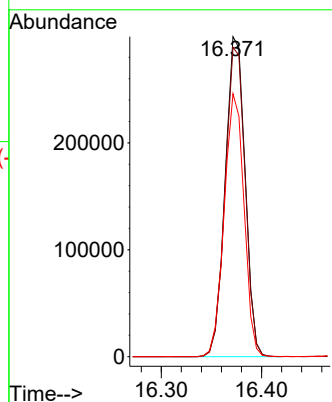
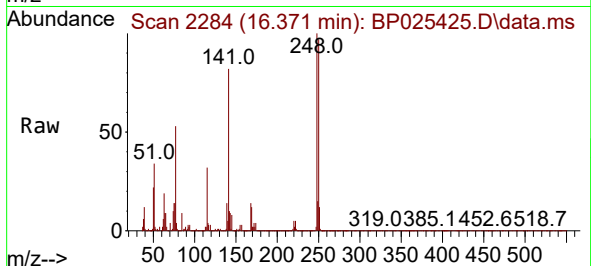




#67
4-Bromophenyl-phenylether
Concen: 44.726 ng
RT: 16.371 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

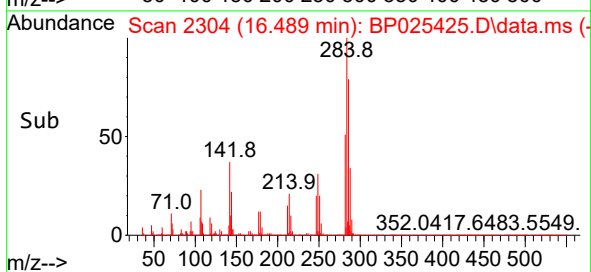
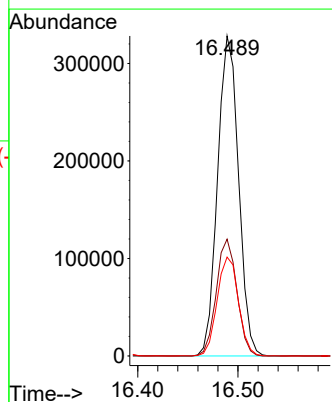
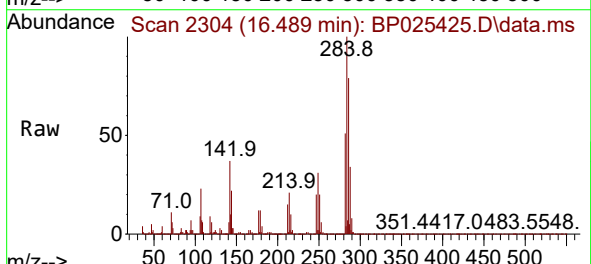
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

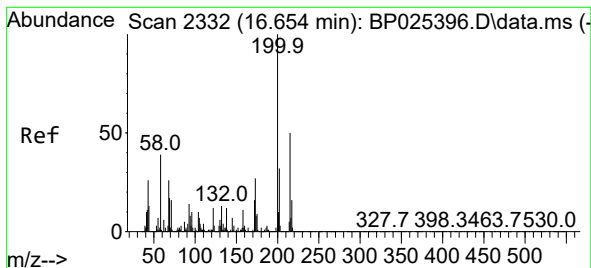
Tgt Ion:248 Resp: 411920
Ion Ratio Lower Upper
248 100
250 96.7 78.2 117.2
141 82.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 44.542 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:284 Resp: 475535
Ion Ratio Lower Upper
284 100
142 36.5 29.1 43.7
249 30.9 25.0 37.4





#69

Atrazine

Concen: 46.165 ng

RT: 16.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

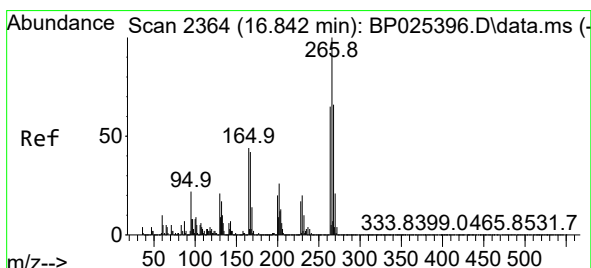
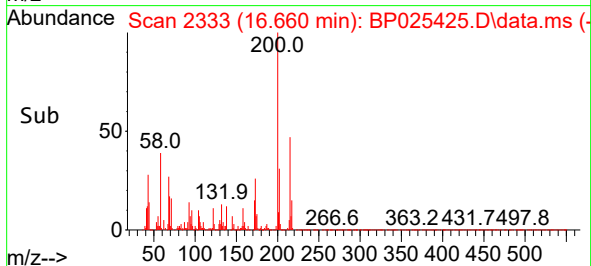
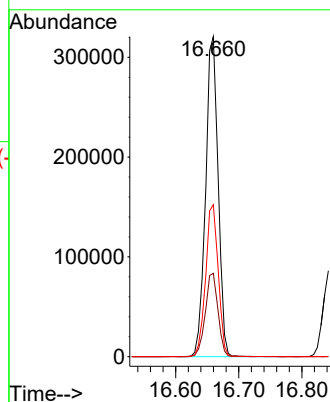
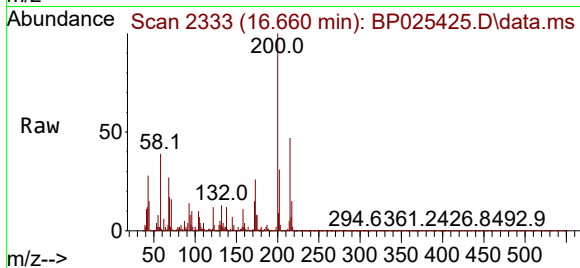
Tgt Ion:200 Resp: 441483

Ion Ratio Lower Upper

200 100

173 26.0 6.7 46.7

215 47.5 29.7 69.7



#70

Pentachlorophenol

Concen: 97.981 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

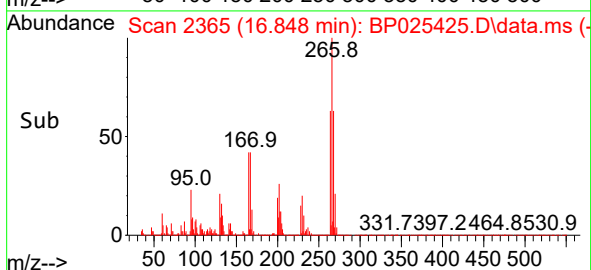
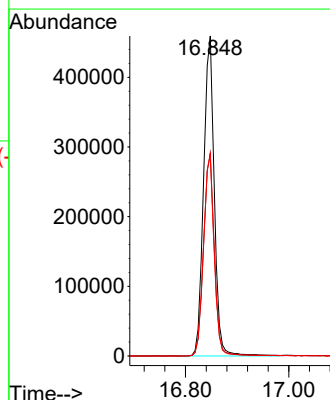
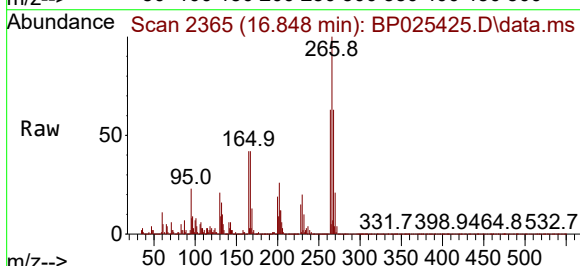
Tgt Ion:266 Resp: 660333

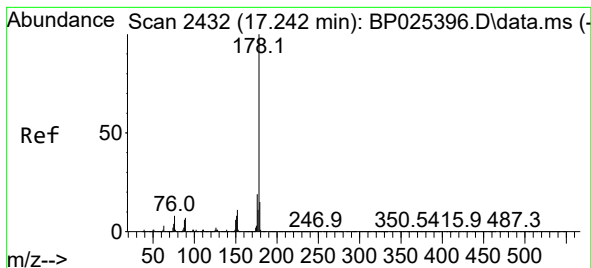
Ion Ratio Lower Upper

266 100

268 63.3 52.6 79.0

264 63.0 52.0 78.0





#71

Phenanthrene

Concen: 44.783 ng

RT: 17.248 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

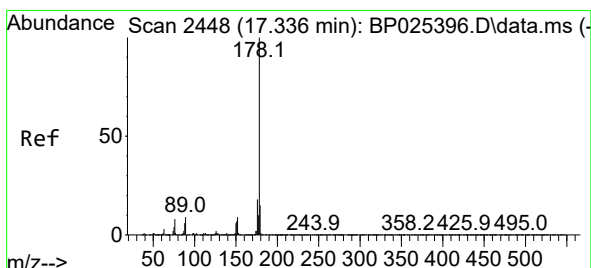
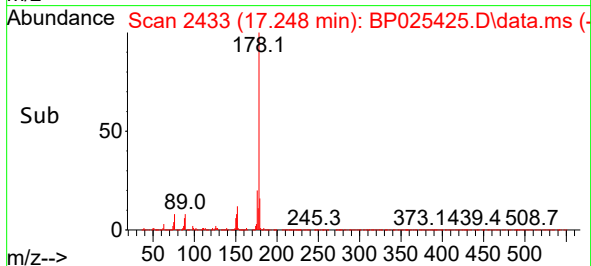
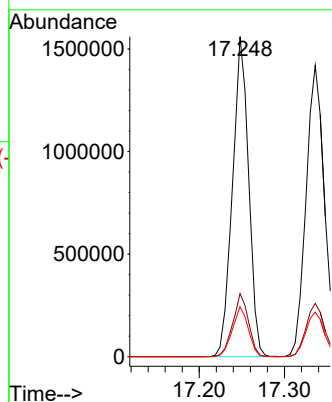
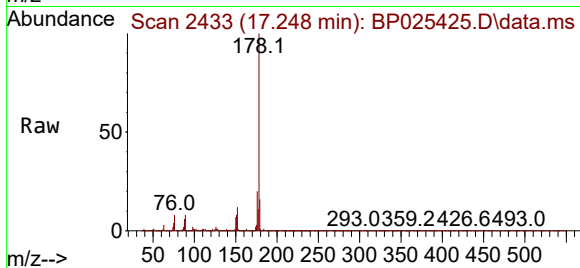
Tgt Ion:178 Resp: 2060065

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.6 12.2 18.4



#72

Anthracene

Concen: 45.190 ng

RT: 17.336 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

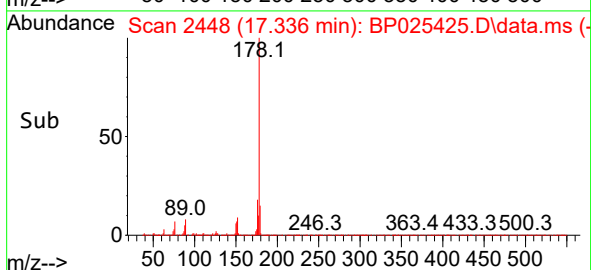
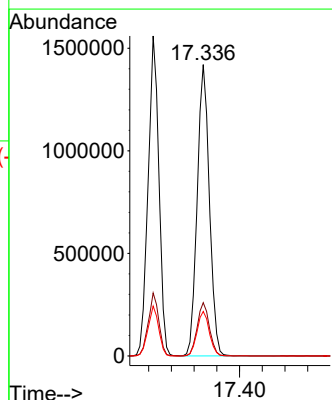
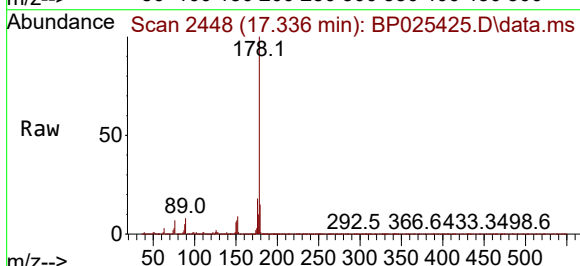
Tgt Ion:178 Resp: 2122885

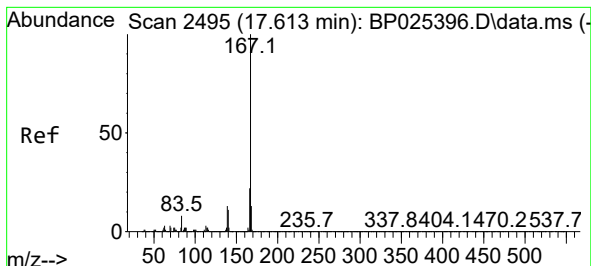
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.2 12.2 18.2





#73

Carbazole

Concen: 45.913 ng

RT: 17.618 min Scan# 2495

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

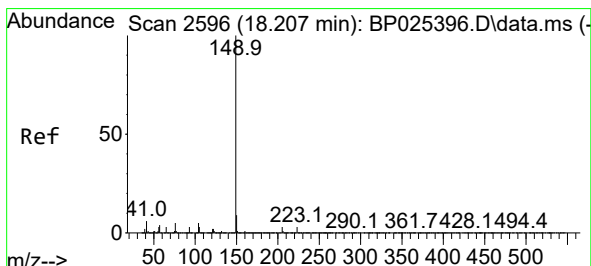
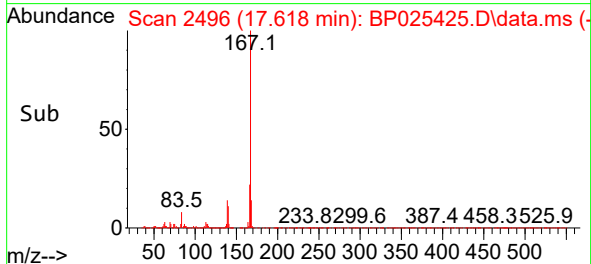
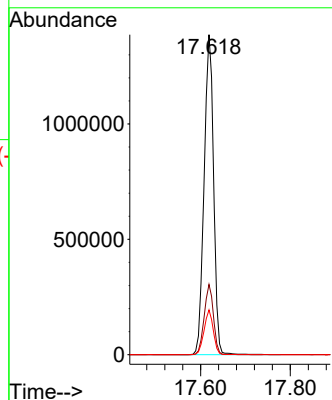
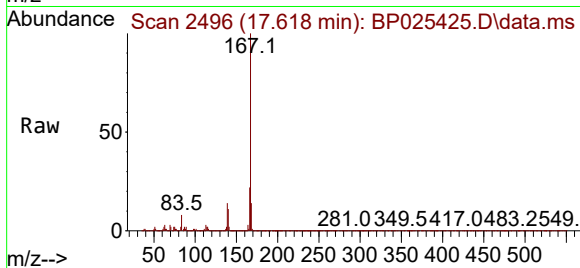
Tgt Ion:167 Resp: 2031552

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.882 ng

RT: 18.213 min Scan# 2597

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

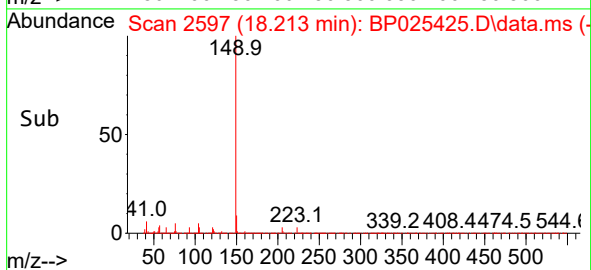
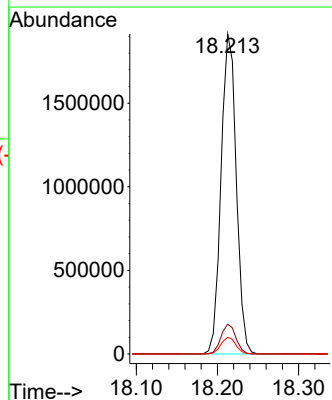
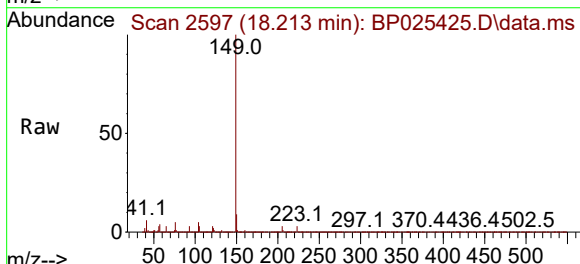
Tgt Ion:149 Resp: 2497806

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 44.517 ng

RT: 19.336 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

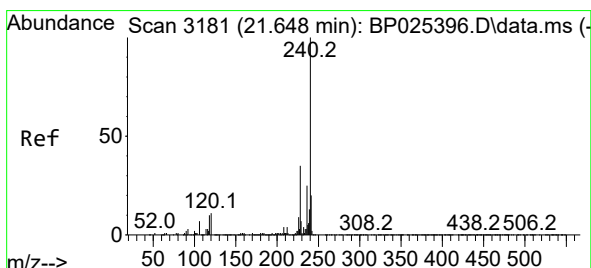
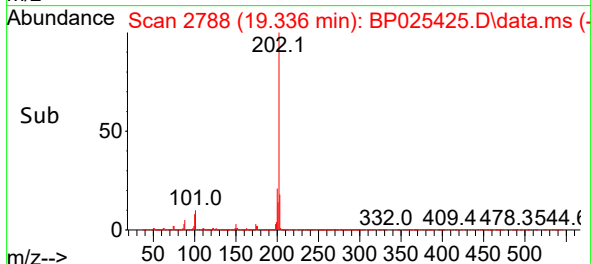
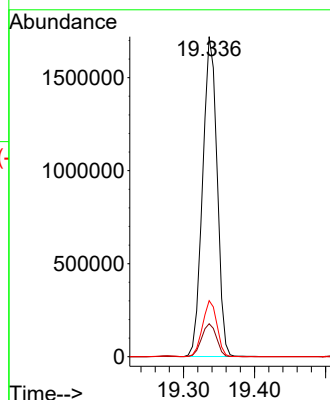
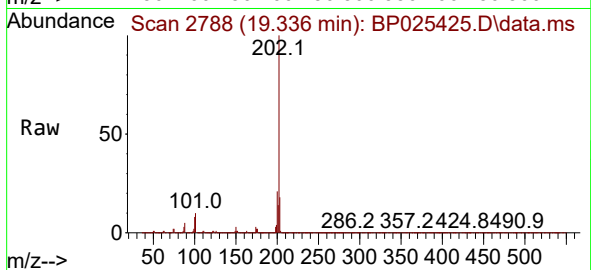
Tgt Ion:202 Resp: 2442709

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

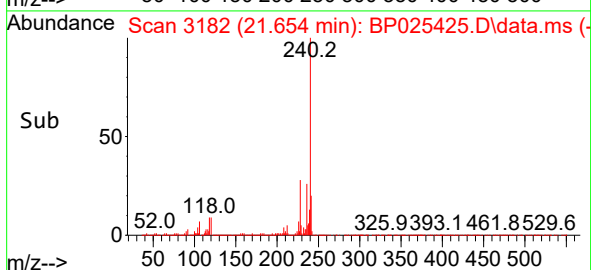
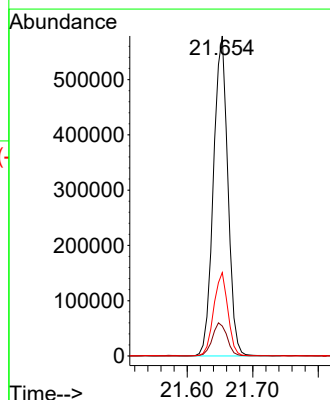
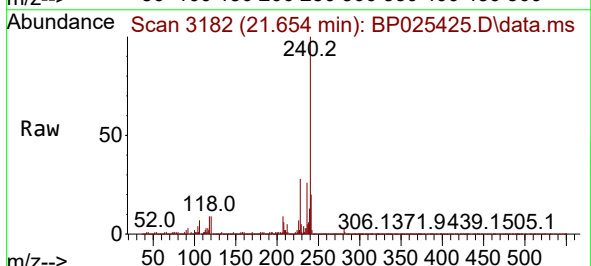
Tgt Ion:240 Resp: 883409

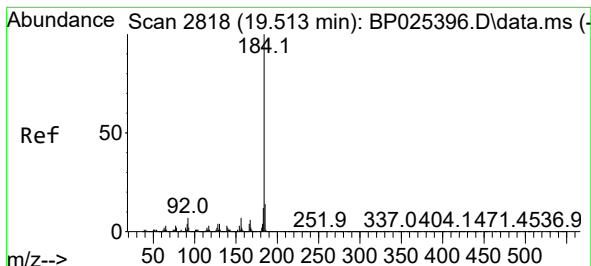
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 26.1 19.8 29.8





#77

Benzidine

Concen: 48.125 ng

RT: 19.518 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

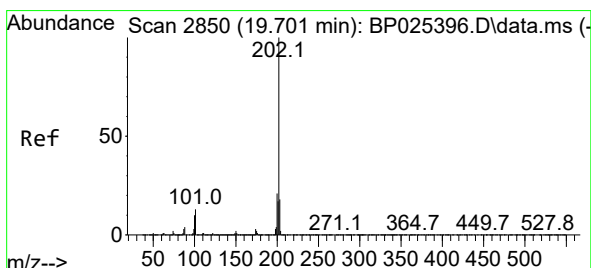
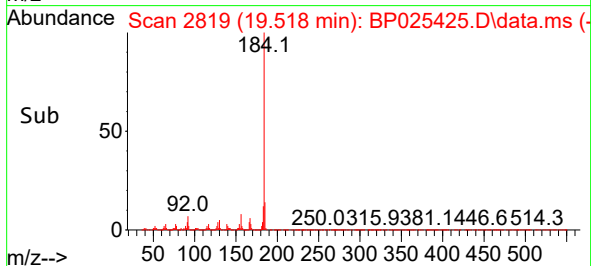
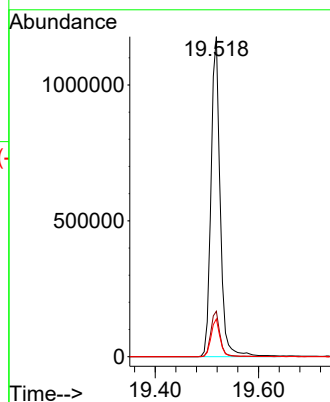
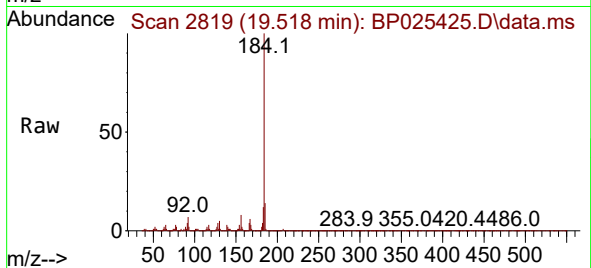
Tgt Ion:184 Resp: 1450901

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 44.724 ng

RT: 19.712 min Scan# 2852

Delta R.T. 0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

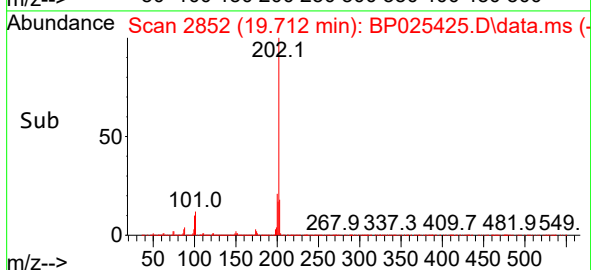
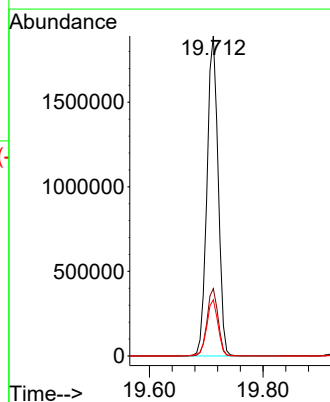
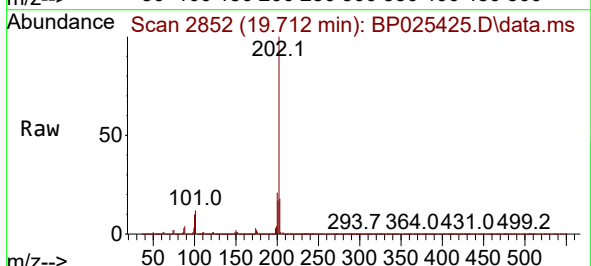
Tgt Ion:202 Resp: 2568011

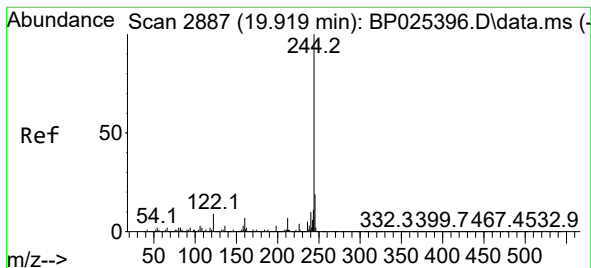
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 77.350 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

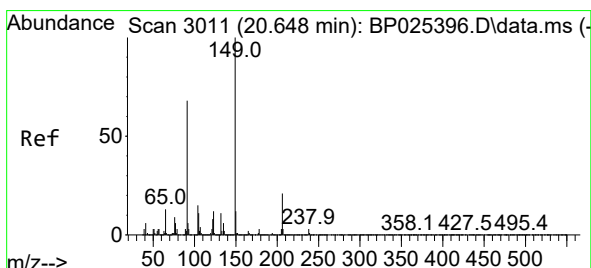
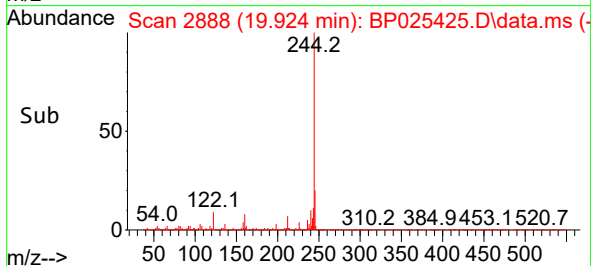
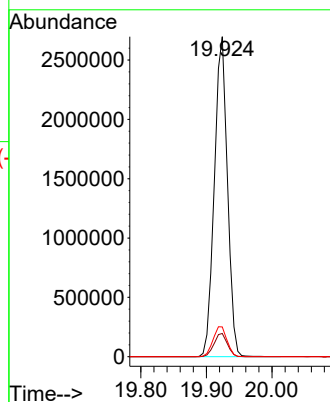
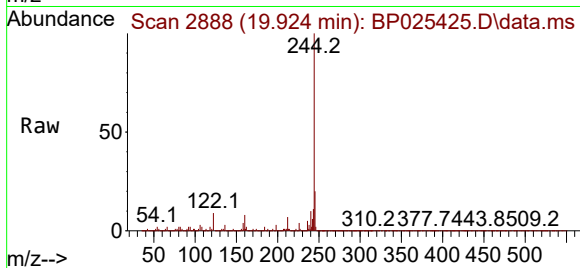
Tgt Ion:244 Resp: 3734835

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 46.520 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

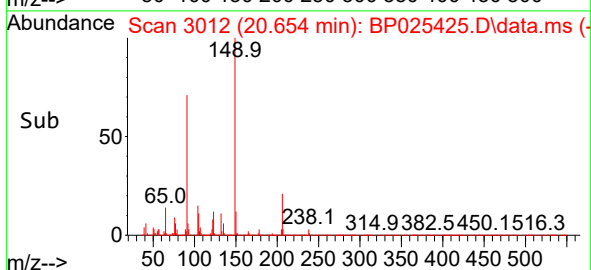
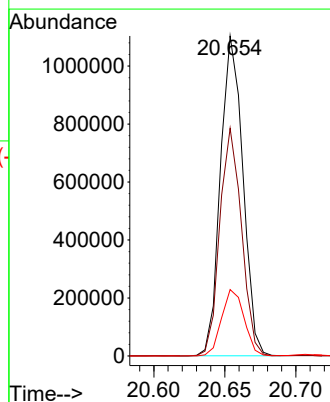
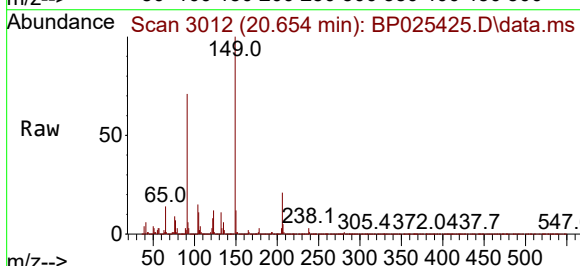
Tgt Ion:149 Resp: 1210580

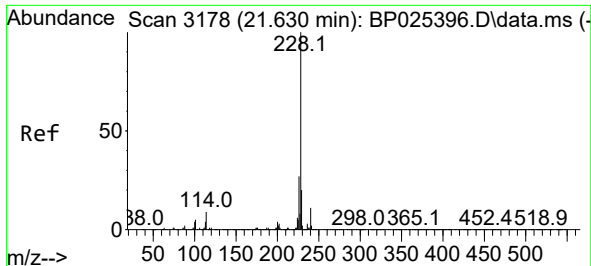
Ion Ratio Lower Upper

149 100

91 71.1 54.2 81.2

206 20.8 16.6 24.8

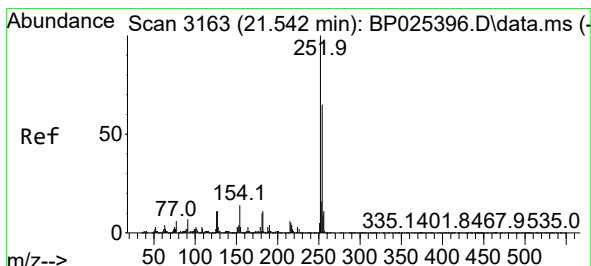
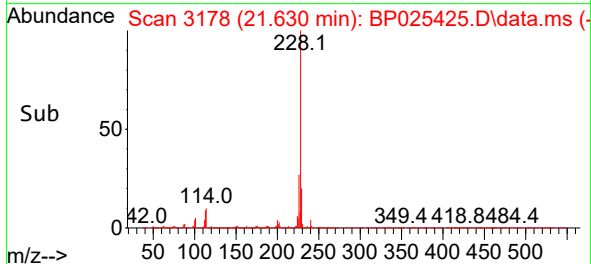
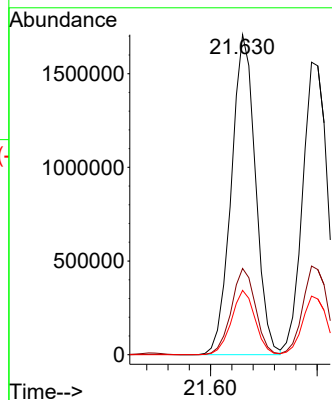
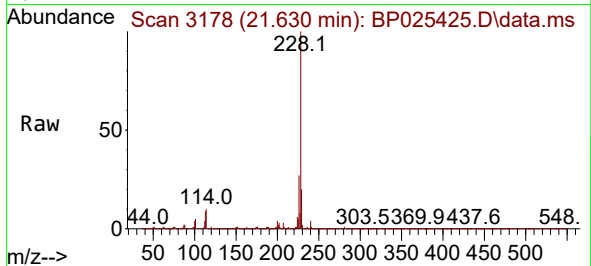




#81
Benzo(a)anthracene
Concen: 46.273 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

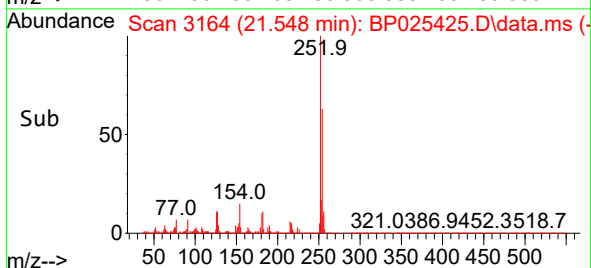
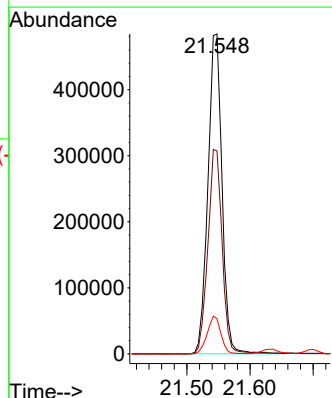
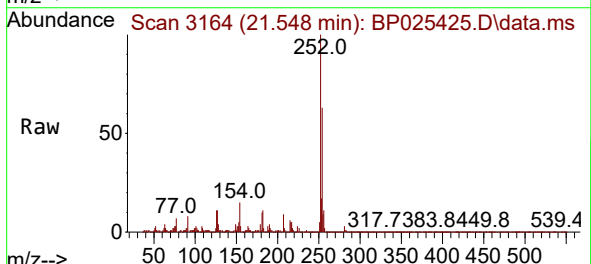
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

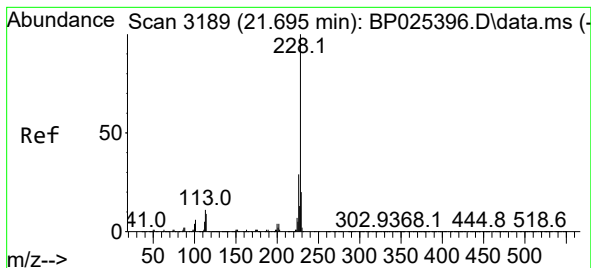
Tgt Ion:228 Resp: 2695916
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 34.104 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:252 Resp: 748927
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.6
126 11.0 9.1 13.7





#83

Chrysene

Concen: 45.952 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

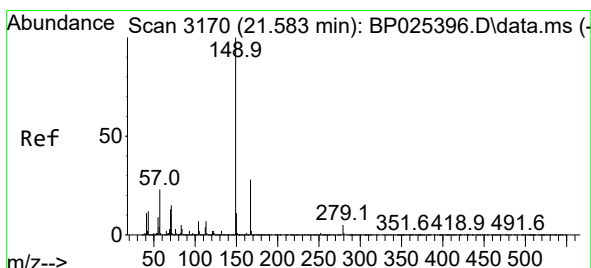
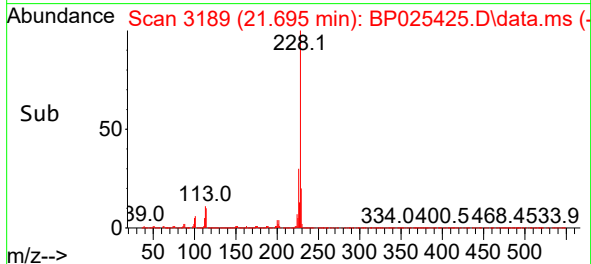
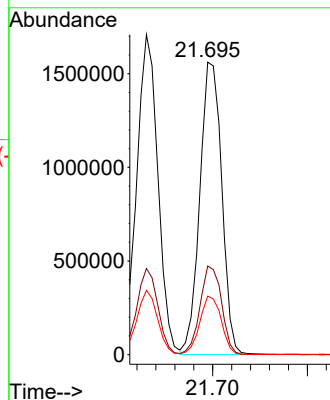
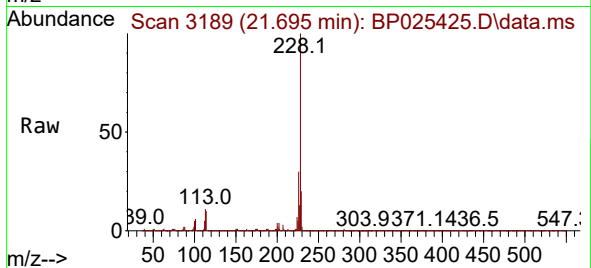
Tgt Ion:228 Resp: 2507192

Ion Ratio Lower Upper

228 100

226 30.3 23.2 34.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.165 ng

RT: 21.571 min Scan# 3168

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

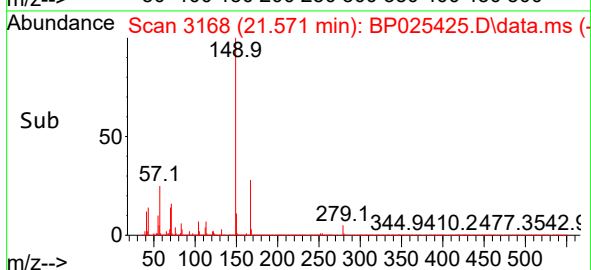
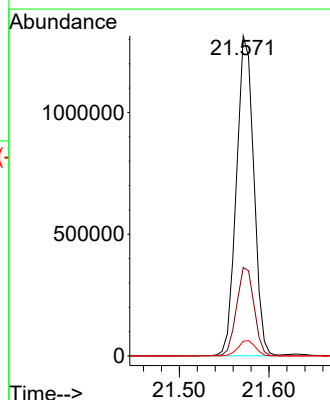
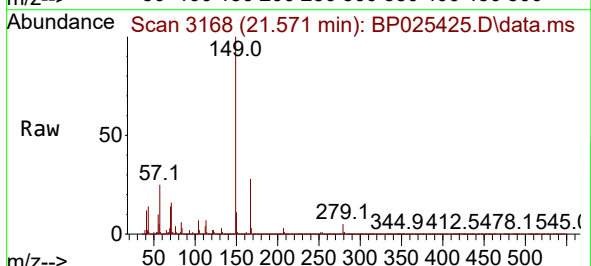
Tgt Ion:149 Resp: 1768457

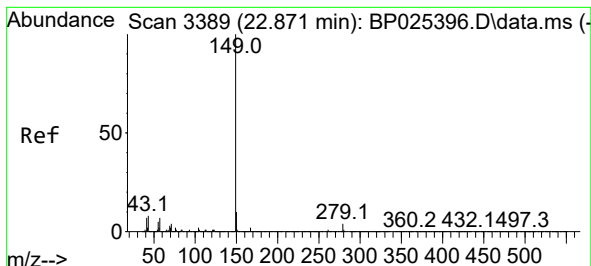
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 48.802 ng

RT: 22.859 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

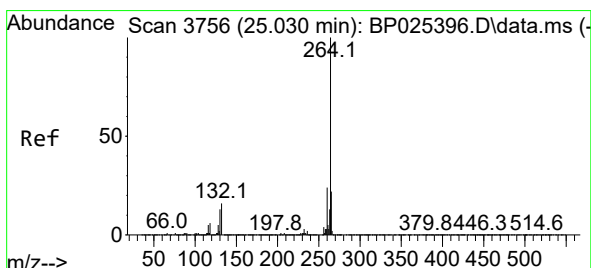
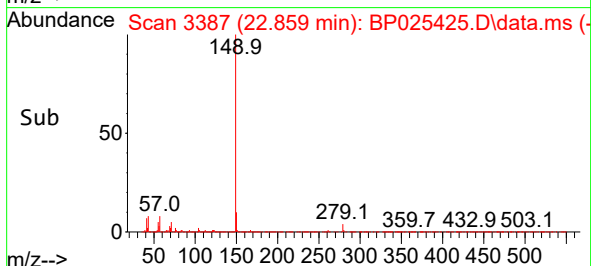
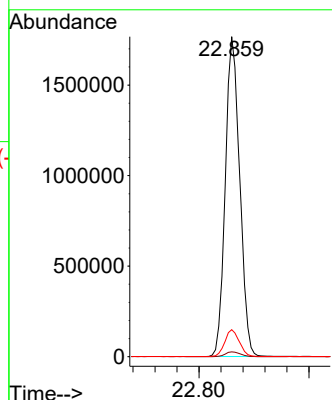
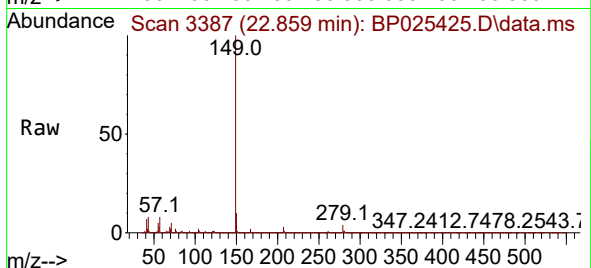
Tgt Ion:149 Resp: 3215556

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3753

Delta R.T. -0.018 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

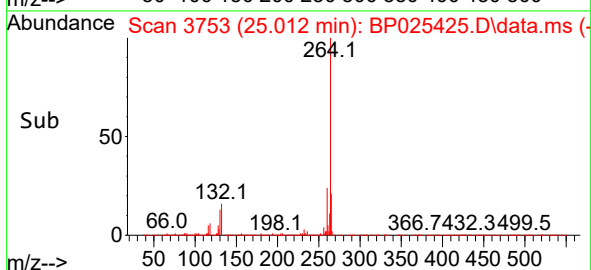
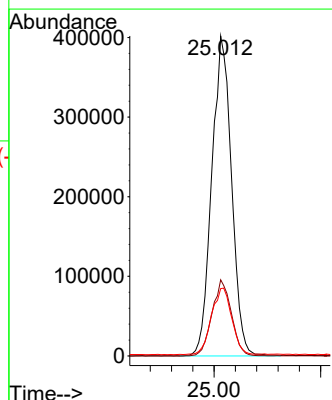
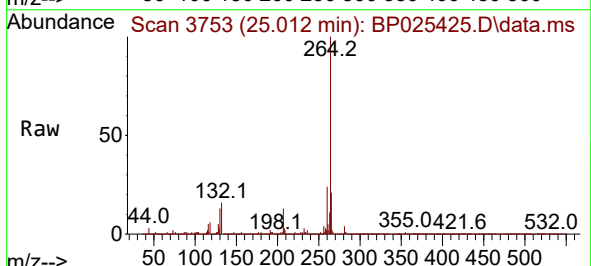
Tgt Ion:264 Resp: 1035260

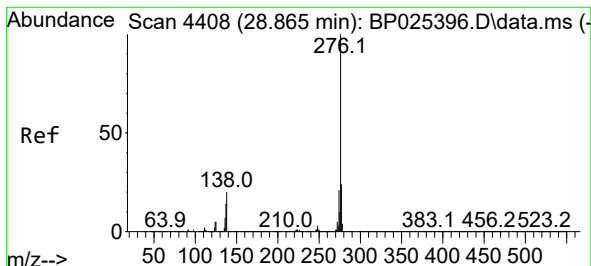
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.858 ng

RT: 28.841 min Scan# 4408

Delta R.T. -0.024 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

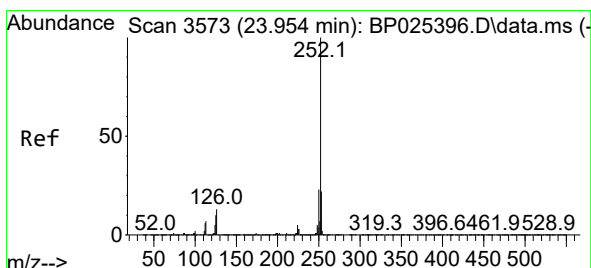
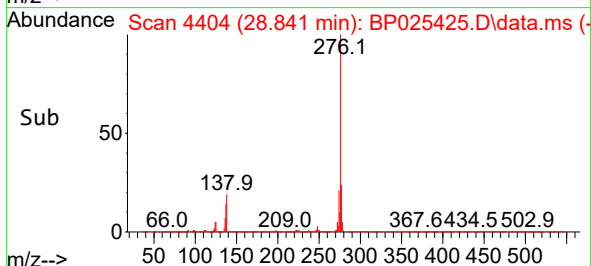
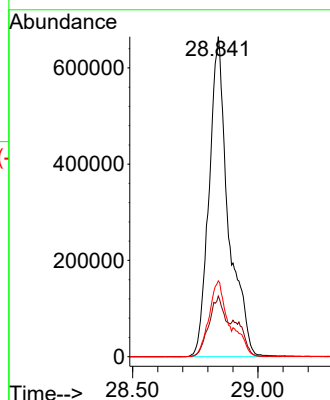
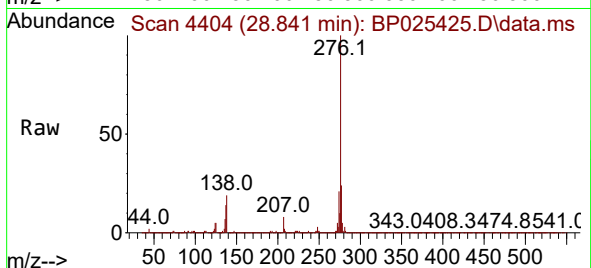
Tgt Ion:276 Resp: 3557513

Ion Ratio Lower Upper

276 100

138 16.5 12.9 19.3

277 20.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 47.605 ng

RT: 23.936 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

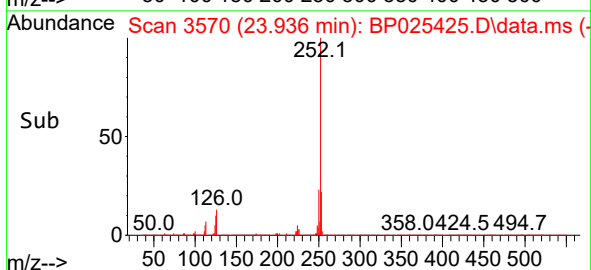
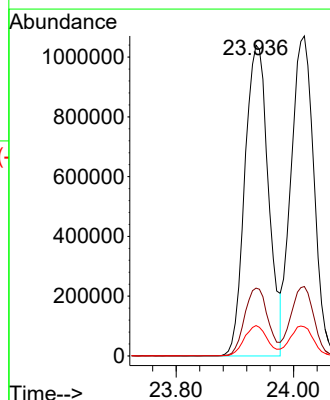
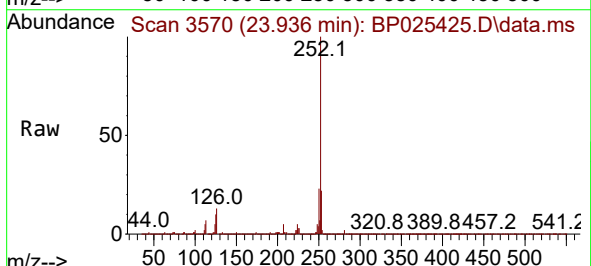
Tgt Ion:252 Resp: 2906105

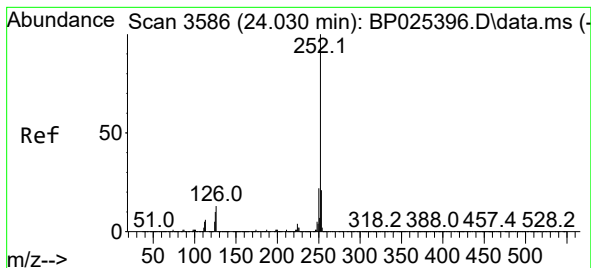
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.881 ng

RT: 24.018 min Scan# 3584

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

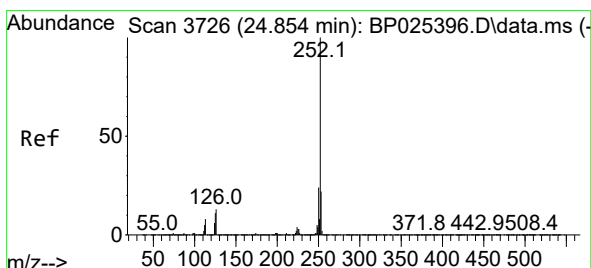
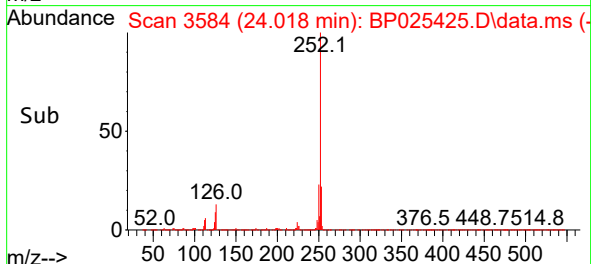
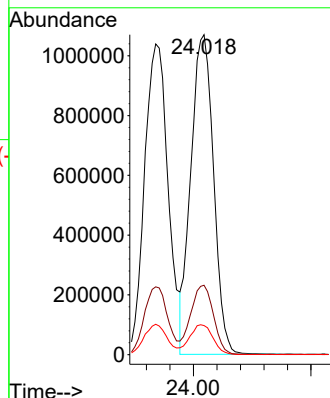
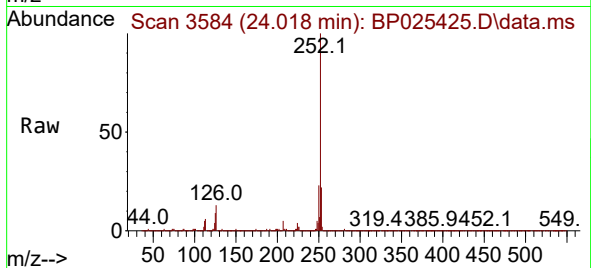
Tgt Ion:252 Resp: 2863889

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 47.072 ng

RT: 24.859 min Scan# 3727

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

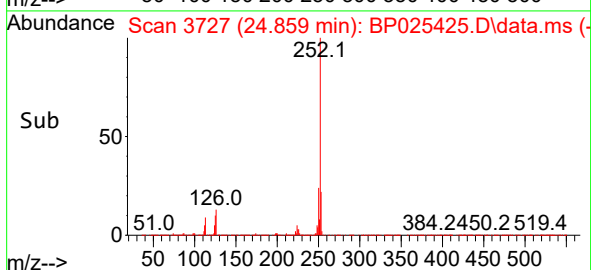
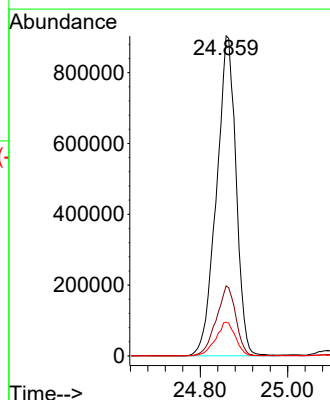
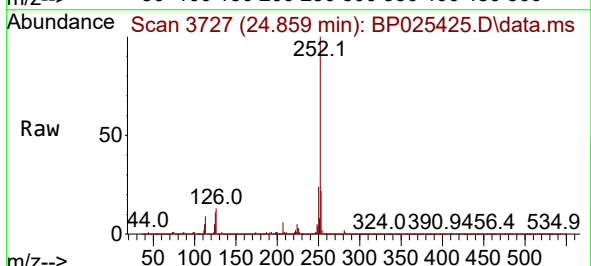
Tgt Ion:252 Resp: 2797186

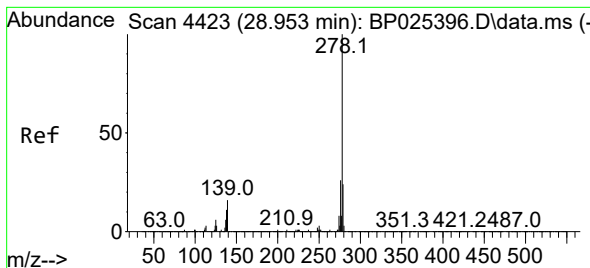
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.967 ng

RT: 28.912 min Scan# 44

Delta R.T. -0.041 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

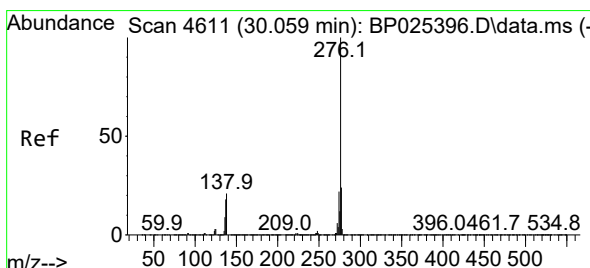
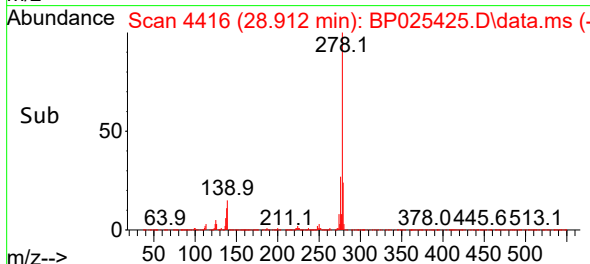
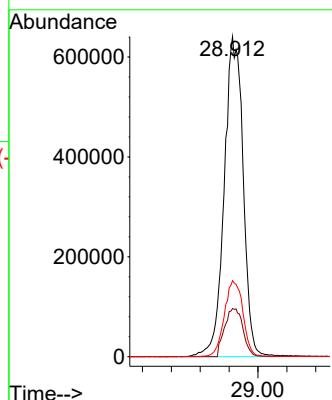
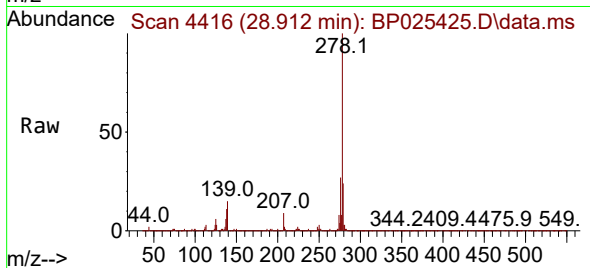
Tgt Ion:278 Resp: 2913978

Ion Ratio Lower Upper

278 100

139 15.1 13.0 19.4

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.665 ng

RT: 30.018 min Scan# 4604

Delta R.T. -0.041 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Tgt Ion:276 Resp: 2846019

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 20.1 16.7 25.1

