

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025571.D
 Acq On : 25 Aug 2025 19:11
 Operator : CG/JU
 Sample : Q2909-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4065MSD

Quant Time: Aug 26 01:15:27 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	202587	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	630097	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	1184123	20.000	ng	#-0.01
64) Phenanthrene-d10	17.195	188	1013171	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1016398	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1190080	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1335196	109.452	ng	0.00
7) Phenol-d6	6.972	99	1609575	102.914	ng	0.00
23) Nitrobenzene-d5	8.919	82	1170765	93.991	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	837695	52.558	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2641444	30.487	ng	0.00
79) Terphenyl-d14	19.925	244	4101725	73.833	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	145929	30.540	ng	# 84
3) Pyridine	3.731	79	469154	35.872	ng	97
4) n-Nitrosodimethylamine	3.631	42	200235	37.136	ng	98
6) Aniline	7.119	93	253697	12.039	ng	98
8) 2-Chlorophenol	7.355	128	548398	39.837	ng	98
9) Benzaldehyde	6.931	77	126194	11.517	ng	99
10) Phenol	6.996	94	640590	39.034	ng	99
11) bis(2-Chloroethyl)ether	7.208	93	488536	38.193	ng	99
12) 1,3-Dichlorobenzene	7.672	146	533081	35.119	ng	99
13) 1,4-Dichlorobenzene	7.814	146	539664	34.784	ng	98
14) 1,2-Dichlorobenzene	8.125	146	527309	35.111	ng	99
15) Benzyl Alcohol	8.014	79	505570	40.683	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	651747	38.035	ng	99
17) 2-Methylphenol	8.225	107	448758	39.372	ng	100
18) Hexachloroethane	8.849	117	203803	35.727	ng	99
19) n-Nitroso-di-n-propyla...	8.572	70	383473	37.016	ng	97
20) 3+4-Methylphenols	8.549	107	610315	38.629	ng	99
22) Acetophenone	8.590	105	807559	51.106	ng	# 98
24) Nitrobenzene	8.960	77	641856	57.658	ng	99
25) Isophorone	9.490	82	923919	41.912	ng	98
26) 2-Nitrophenol	9.666	139	220934	38.672	ng	# 87
27) 2,4-Dimethylphenol	9.737	122	335851	34.184	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	619786	46.512	ng	100
29) 2,4-Dichlorophenol	10.213	162	508517	52.103	ng	99
30) 1,2,4-Trichlorobenzene	10.413	180	448376	41.908	ng	98
31) Naphthalene	10.596	128	1214422	37.082	ng	99
32) Benzoic acid	9.737	122	335851	46.302	ng	# 18
33) 4-Chloroaniline	10.719	127	289651	20.023	ng	99
34) Hexachlorobutadiene	10.884	225	307255	46.113	ng	98
36) 4-Chloro-3-methylphenol	11.854	107	1237594	110.507	ng	85
37) 2-Methylnaphthalene	12.207	142	1045000	49.032	ng	100
38) 1-Methylnaphthalene	12.425	142	1103092	48.669	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	595382	17.409	ng	99
41) Hexachlorocyclopentadiene	12.560	237	585636	28.350	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	438047	18.973	ng	98
44) 2,4,5-Trichlorophenol	12.913	196	489885	19.360	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.219	154	1568897	18.243	ng	99
47) 2-Chloronaphthalene	13.260	162	1190364	17.780	ng	100
48) 2-Nitroaniline	13.466	65	344804	17.676	ng	99
49) Acenaphthylene	14.113	152	1892216	17.081	ng	99
50) Dimethylphthalate	13.854	163	1555311	17.937	ng	99
51) 2,6-Dinitrotoluene	13.966	165	332735	18.206	ng	# 52
52) Acenaphthene	14.460	154	894830	13.761	ng	99
53) 3-Nitroaniline	14.301	138	242268	11.782	ng	# 75
54) 2,4-Dinitrophenol	14.513	184	417807	42.808	ng	97
55) Dibenzofuran	14.801	168	1756994	17.090	ng	99
56) 4-Nitrophenol	14.701	139	635729	37.624	ng	96
57) 2,4-Dinitrotoluene	14.772	165	451998	17.334	ng	# 92
58) Fluorene	15.460	166	1423859	17.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	428594	19.183	ng	99
60) Diethylphthalate	15.231	149	1595206	18.105	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	696209	17.256	ng	99
62) 4-Nitroaniline	15.478	138	299677	14.216	ng	99
63) Azobenzene	15.748	77	1397196	18.520	ng	98
65) 4,6-Dinitro-2-methylph...	15.543	198	285886	45.267	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1175060	38.033	ng	98
67) 4-Bromophenyl-phenylether	16.366	248	442013	39.667	ng	98
68) Hexachlorobenzene	16.490	284	478709	37.060	ng	# 91
69) Atrazine	16.678	200	337202	29.143	ng	100
70) Pentachlorophenol	16.848	266	801783	98.331	ng	97
71) Phenanthrene	17.237	178	2329798	41.860	ng	99
72) Anthracene	17.331	178	2326849	40.939	ng	100
73) Carbazole	17.613	167	2325998	43.448	ng	100
74) Di-n-butylphthalate	18.201	149	2953712	44.844	ng	100
75) Fluoranthene	19.319	202	2759518	41.566	ng	99
78) Pyrene	19.695	202	2834295	42.903	ng	100
80) Butylbenzylphthalate	20.648	149	1319884	44.084	ng	99
81) Benzo(a)anthracene	21.613	228	2804714	41.842	ng	100
83) Chrysene	21.683	228	2666019	42.469	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1942675	44.078	ng	99
85) Di-n-octyl phthalate	22.836	149	3401561	44.870	ng	99
87) Indeno(1,2,3-cd)pyrene	28.830	276	3785477	43.374	ng	99
88) Benzo(b)fluoranthene	23.936	252	2890615	41.191	ng	99
89) Benzo(k)fluoranthene	24.007	252	2949871	42.007	ng	99
90) Benzo(a)pyrene	24.836	252	2696970	39.481	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	3113071	43.648	ng	98
92) Benzo(g,h,i)perylene	30.006	276	3057055	43.605	ng	99

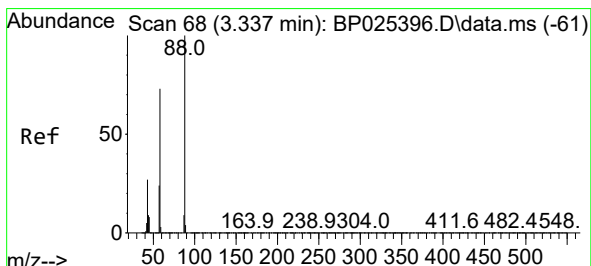
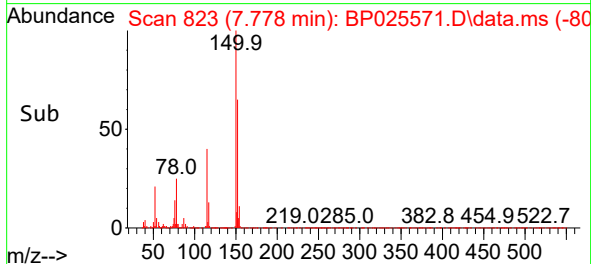
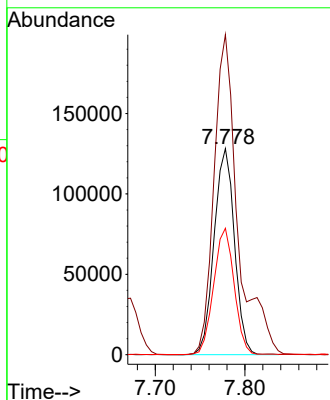
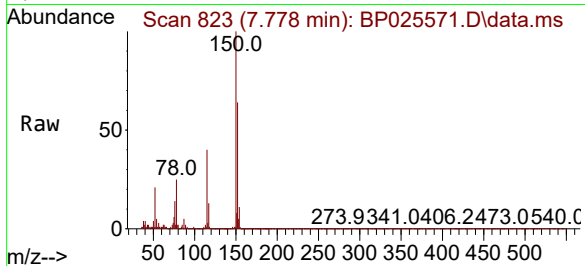
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

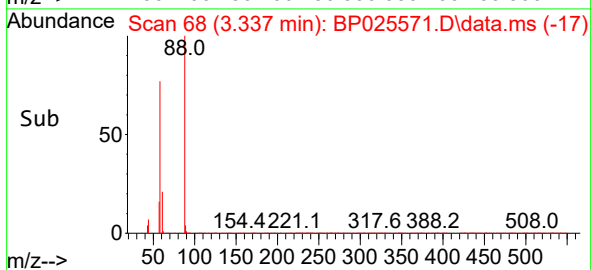
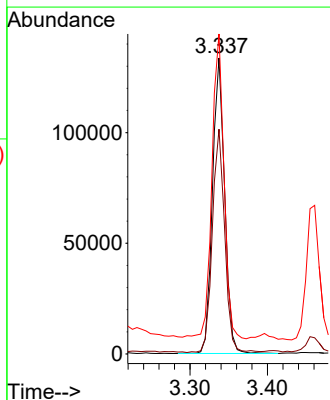
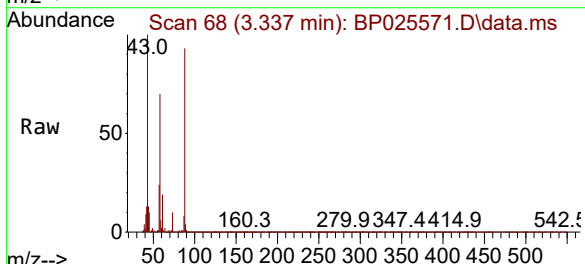
Instrument :
BNA_P
ClientSampleId :
4065MSD

Tgt Ion:152 Resp: 202587
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 61.3 48.5 72.7



#2
1,4-Dioxane
Concen: 30.540 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion: 88 Resp: 145929
Ion Ratio Lower Upper
88 100
58 76.4 59.2 88.8
43 0.0 21.7 32.5

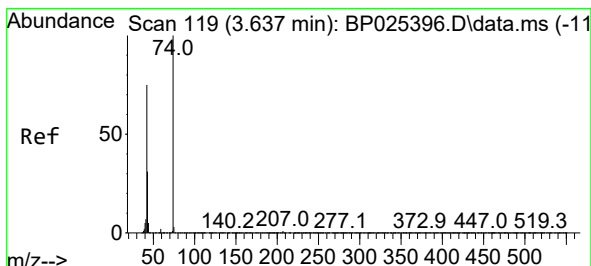
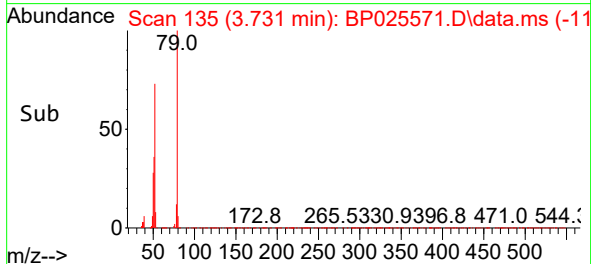
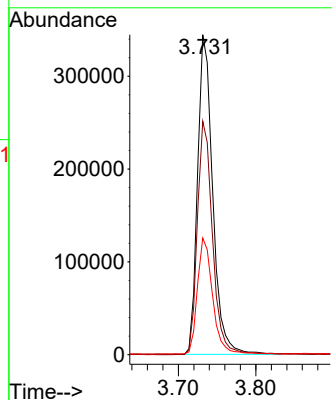
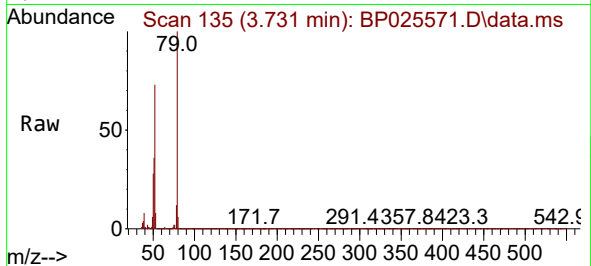




#3
 Pyridine
 Concen: 35.872 ng
 RT: 3.731 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP025571.D
 Acq: 25 Aug 2025 19:11

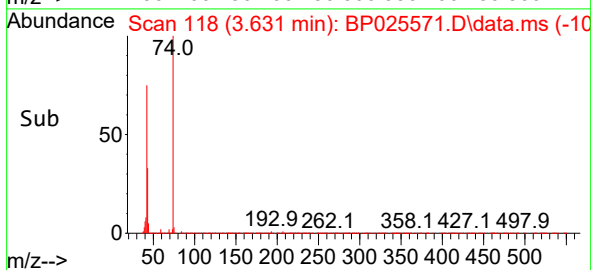
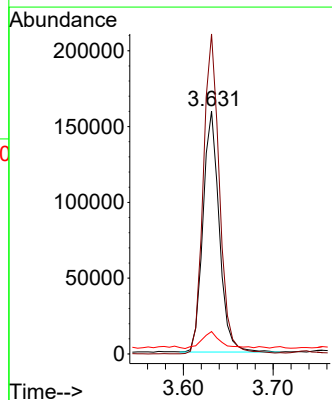
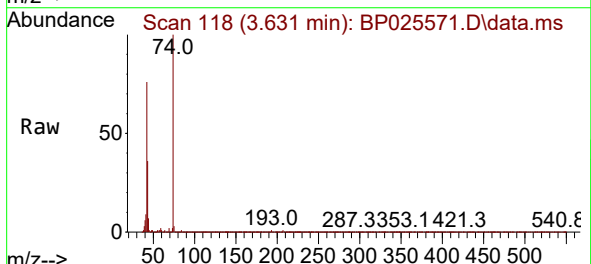
Instrument :
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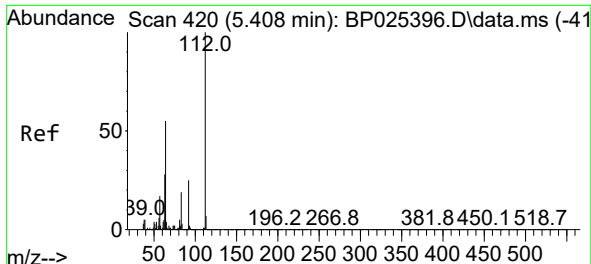
Tgt Ion: 79 Resp: 469154
 Ion Ratio Lower Upper
 79 100
 52 73.0 55.5 83.3
 51 36.4 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 37.136 ng
 RT: 3.631 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: BP025571.D
 Acq: 25 Aug 2025 19:11

Tgt Ion: 42 Resp: 200235
 Ion Ratio Lower Upper
 42 100
 74 131.7 107.0 160.4
 44 9.2 6.2 9.4

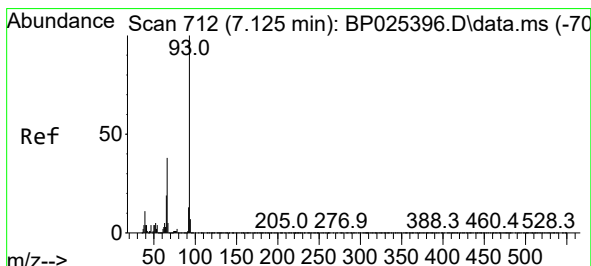
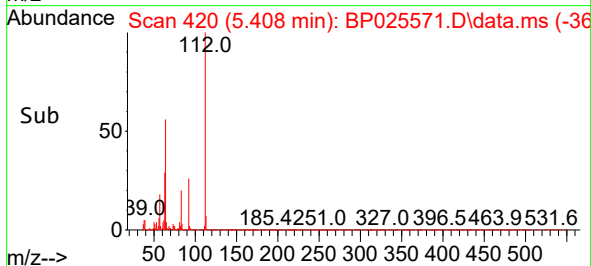
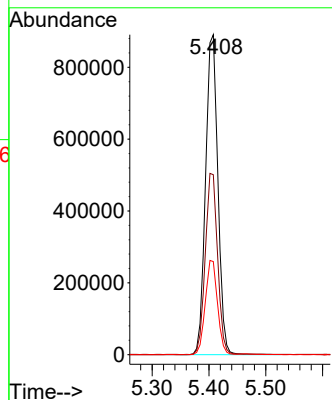
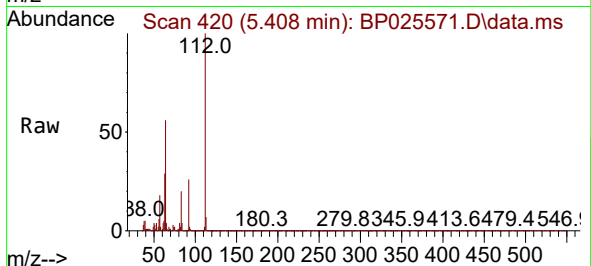




#5
2-Fluorophenol
Concen: 109.452 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

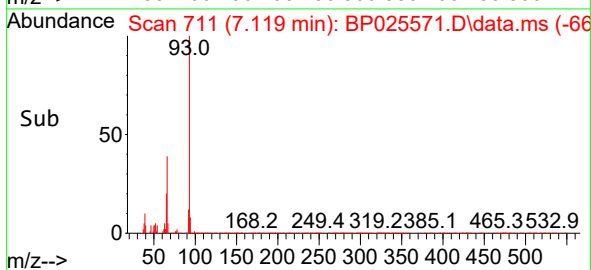
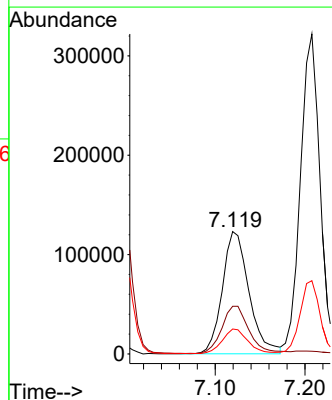
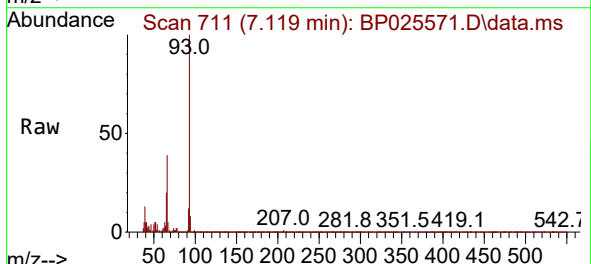
Instrument :
BNA_P
ClientSampleId :
4065MSD

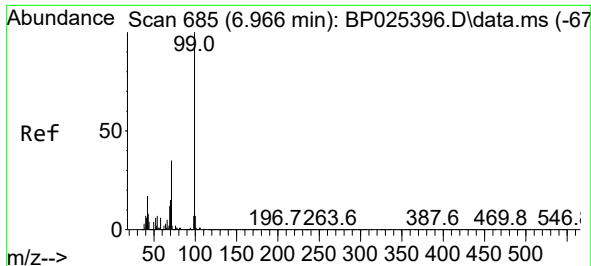
Tgt Ion:112 Resp: 1335196
Ion Ratio Lower Upper
112 100
64 56.3 43.8 65.8
63 29.1 22.7 34.1



#6
Aniline
Concen: 12.039 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion: 93 Resp: 253697
Ion Ratio Lower Upper
93 100
66 38.9 30.4 45.6
65 20.4 15.3 22.9

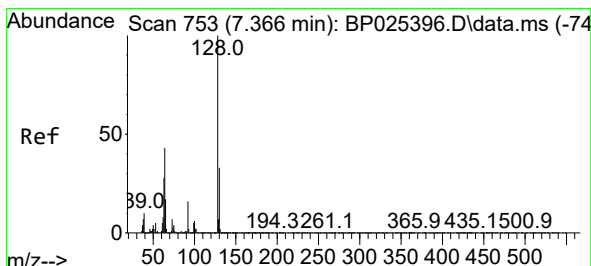
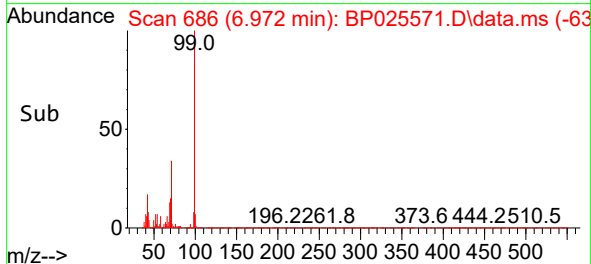
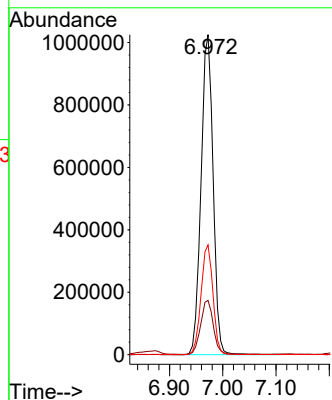
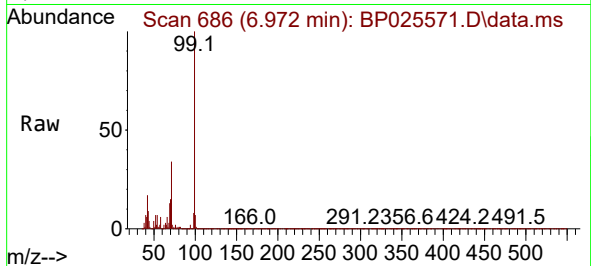




#7
Phenol-d6
Concen: 102.914 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

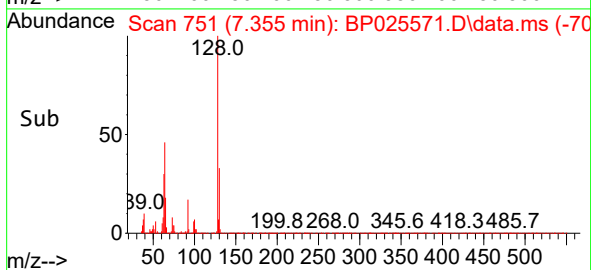
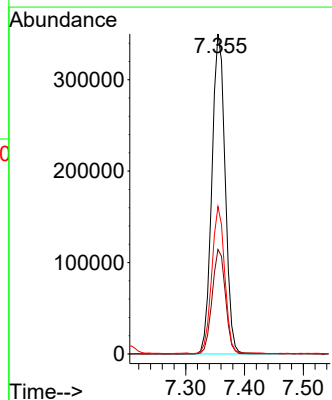
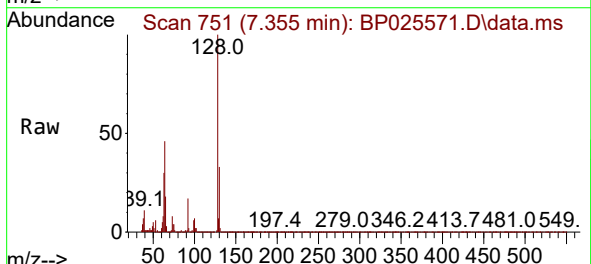
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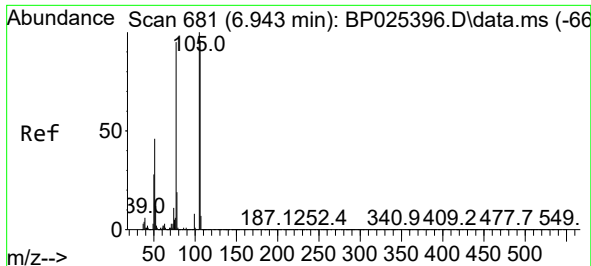
Tgt Ion: 99 Resp: 1609575
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 34.3 28.2 42.4



#8
2-Chlorophenol
Concen: 39.837 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:128 Resp: 548398
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.1 23.4 63.4

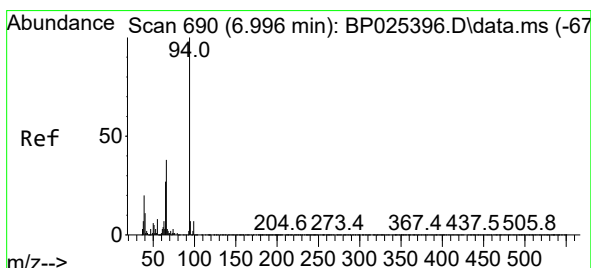
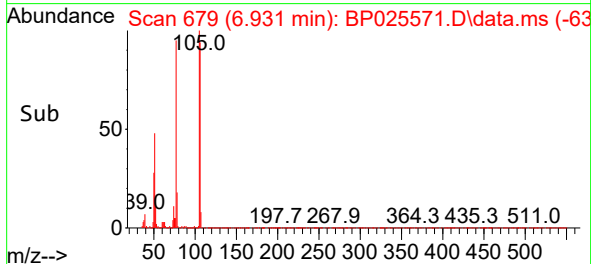
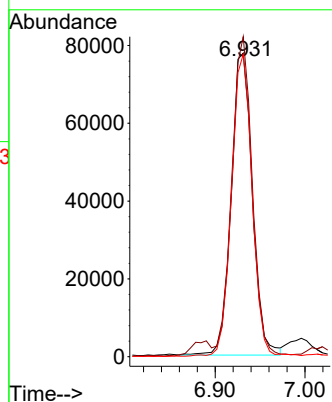
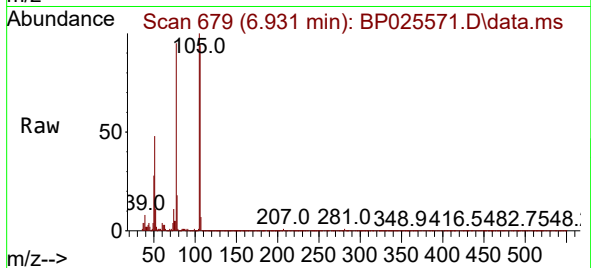




#9
Benzaldehyde
Concen: 11.517 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

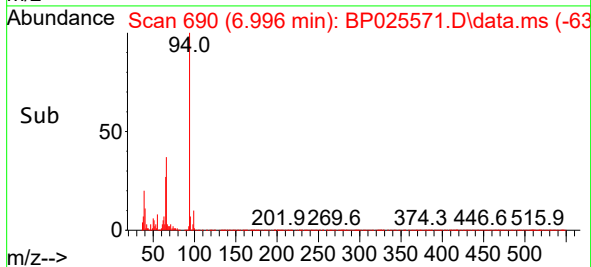
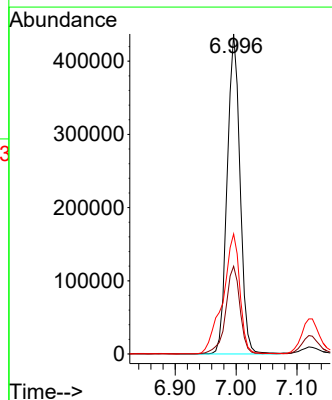
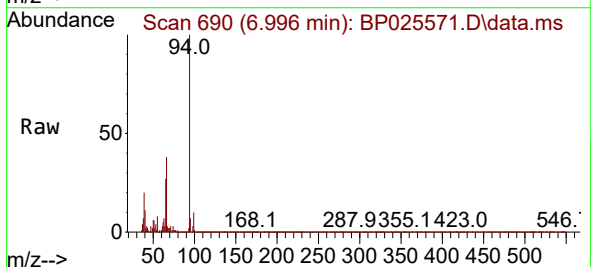
Instrument :
BNA_P
ClientSampleId :
4065MSD

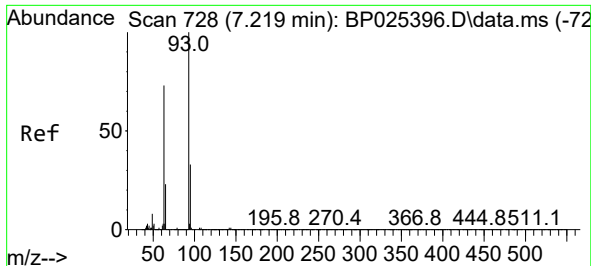
Tgt Ion: 77 Resp: 126194
Ion Ratio Lower Upper
77 100
105 105.4 84.8 124.8
106 99.6 80.5 120.5



#10
Phenol
Concen: 39.034 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion: 94 Resp: 640590
Ion Ratio Lower Upper
94 100
65 27.4 6.8 46.8
66 37.5 18.2 58.2

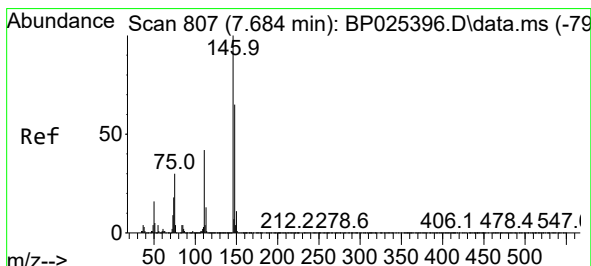
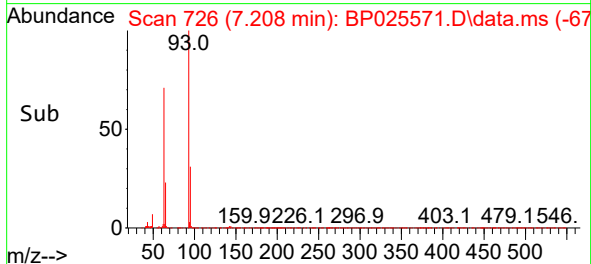
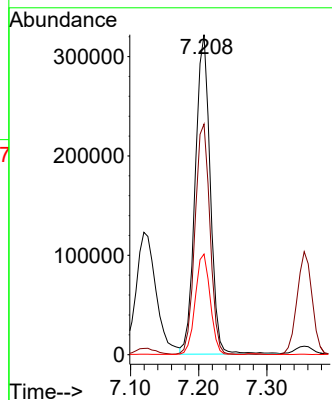
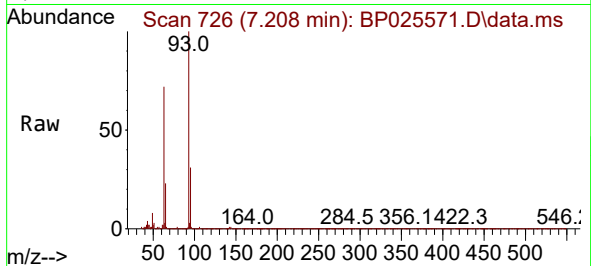




#11
bis(2-Chloroethyl)ether
Concen: 38.193 ng
RT: 7.208 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

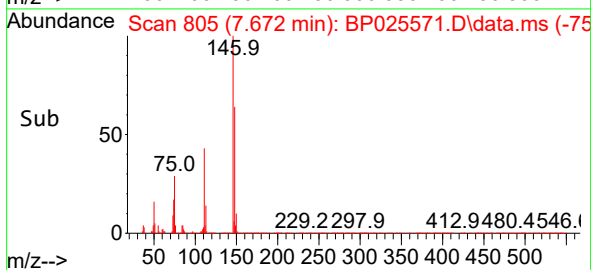
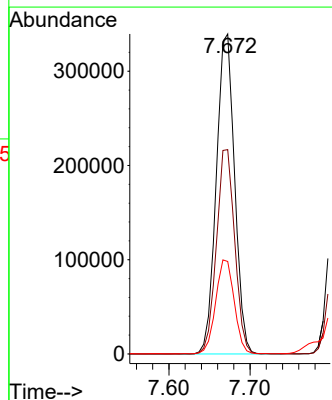
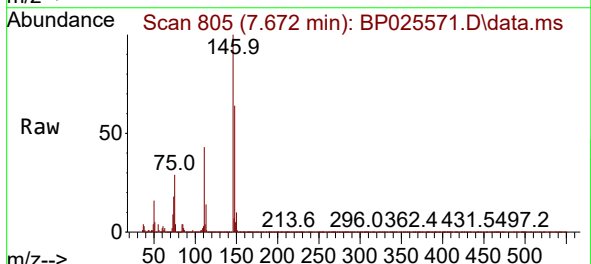
Instrument :
BNA_P
ClientSampleId :
4065MSD

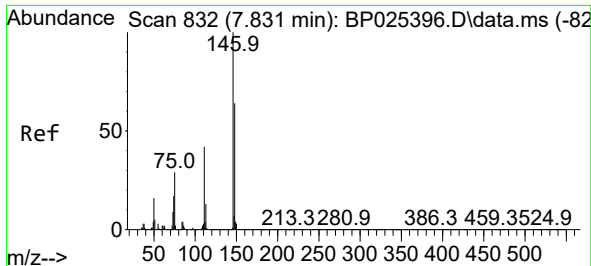
Tgt Ion: 93 Resp: 488536
Ion Ratio Lower Upper
93 100
63 72.0 52.6 92.6
95 31.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 35.119 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion: 146 Resp: 533081
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 28.9 23.7 35.5

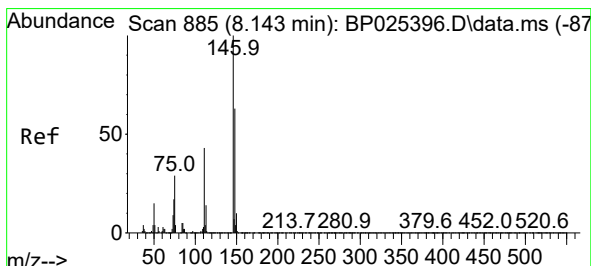
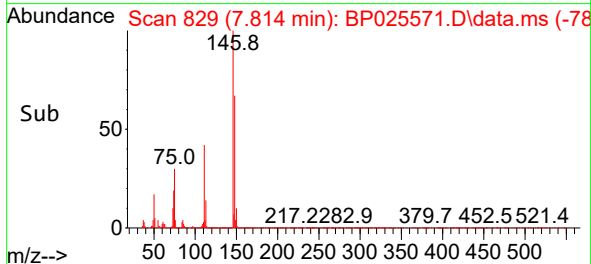
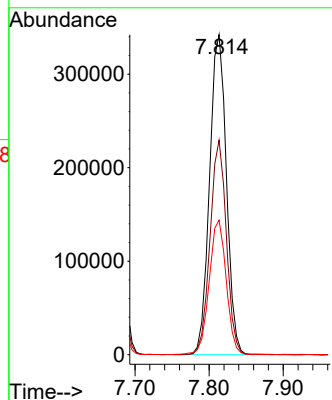
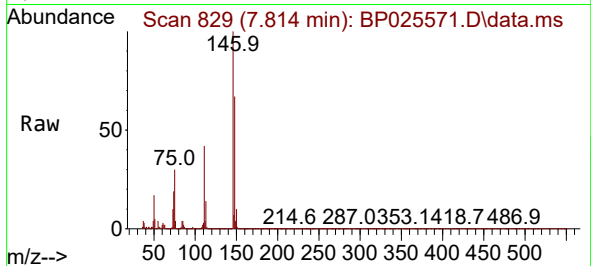




#13
1,4-Dichlorobenzene
Concen: 34.784 ng
RT: 7.814 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

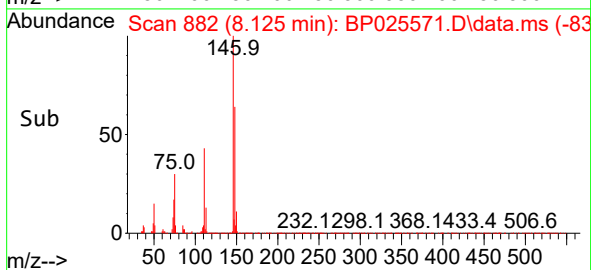
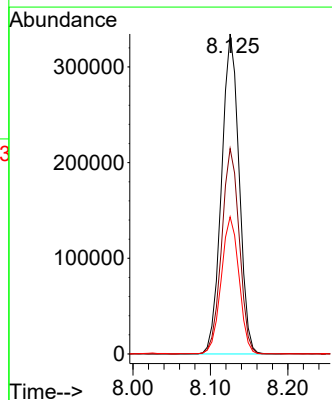
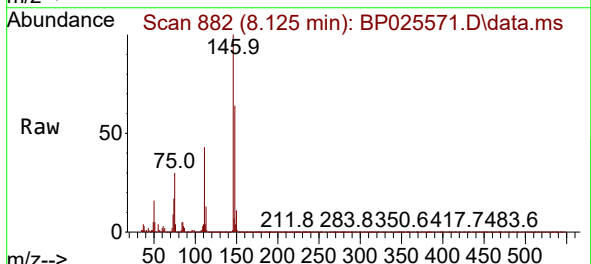
Instrument :
BNA_P
ClientSampleId :
4065MSD

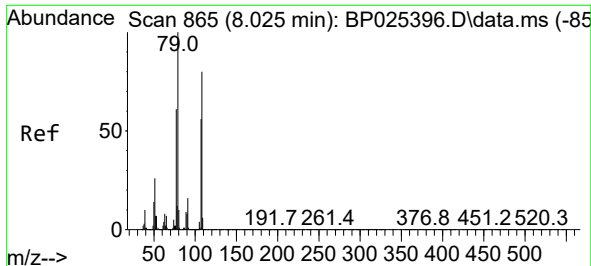
Tgt Ion:146 Resp: 539664
Ion Ratio Lower Upper
146 100
148 67.0 51.6 77.4
111 42.1 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 35.111 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.017 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:146 Resp: 527309
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 42.9 34.5 51.7

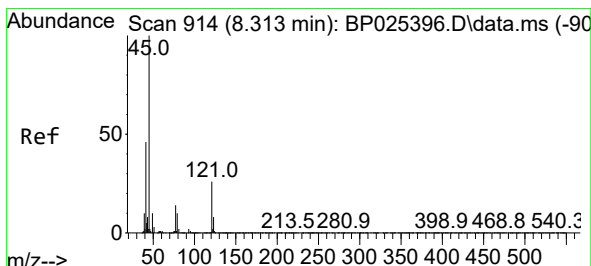
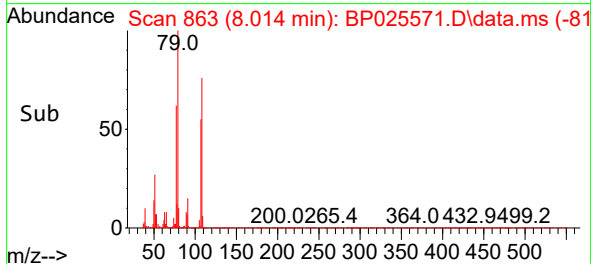
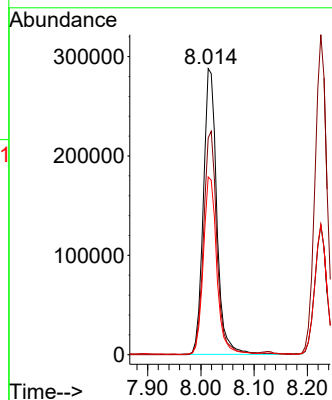
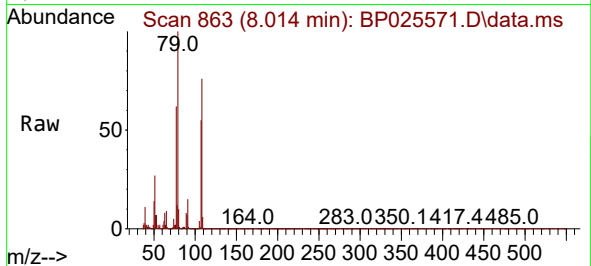




#15
Benzyl Alcohol
Concen: 40.683 ng
RT: 8.014 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

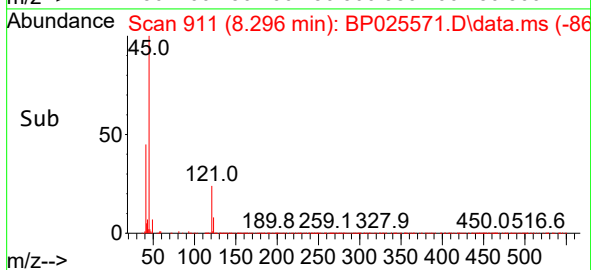
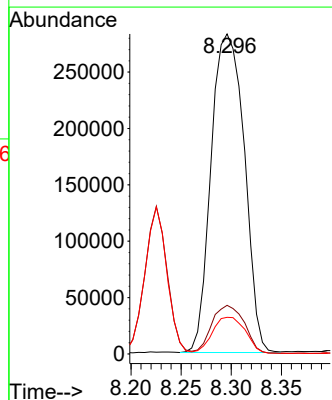
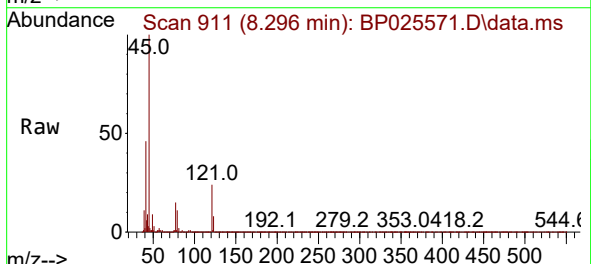
Instrument :
BNA_P
ClientSampleId :
4065MSD

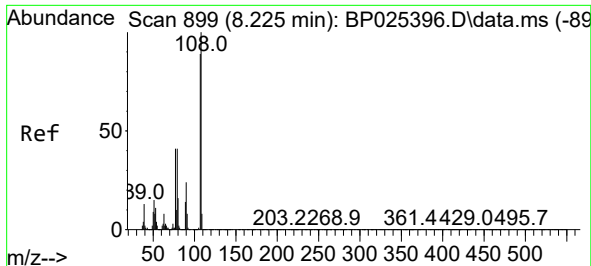
Tgt Ion: 79 Resp: 505570
Ion Ratio Lower Upper
79 100
108 75.8 63.8 95.6
77 62.1 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.035 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.017 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion: 45 Resp: 651747
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.3
79 11.5 0.0 31.8

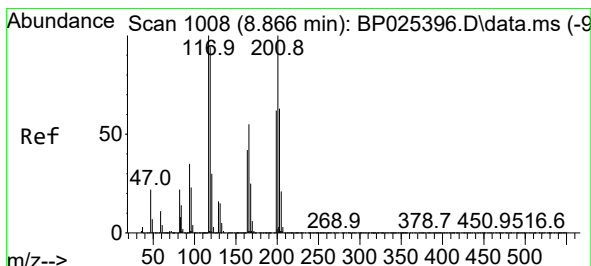
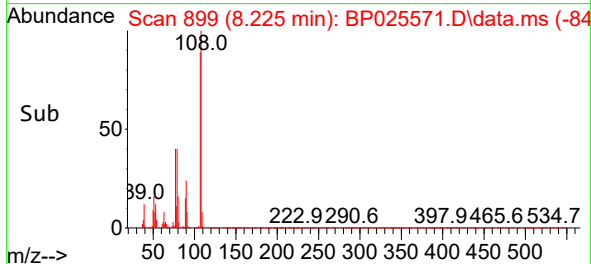
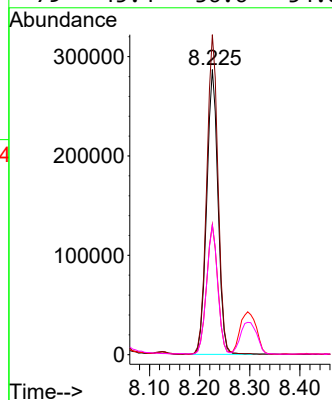
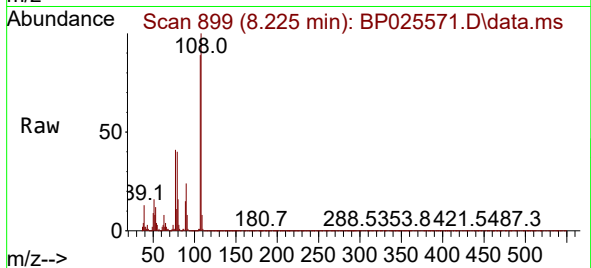




#17
2-Methylphenol
Concen: 39.372 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

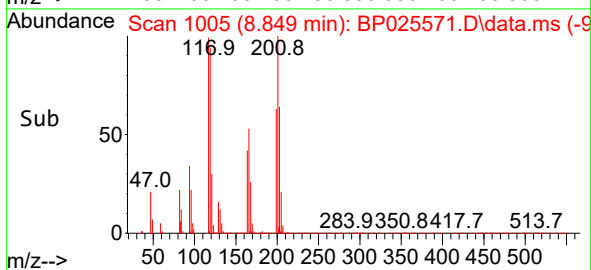
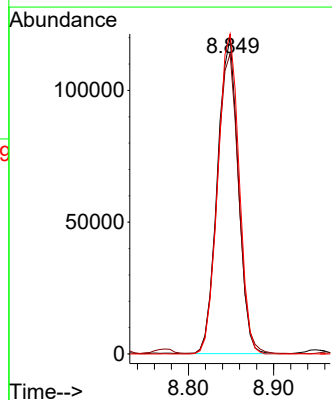
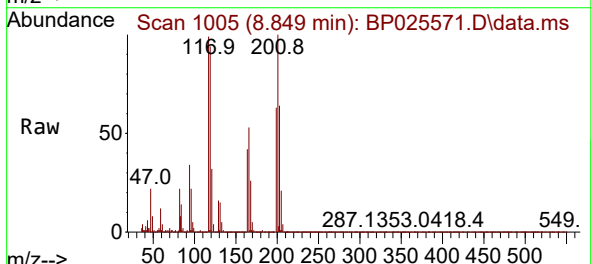
Instrument :
BNA_P
ClientSampleId :
4065MSD

Tgt Ion:	107	Resp:	448758
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.4	134.0
77	45.6	36.3	54.5
79	45.4	36.6	54.8



#18
Hexachloroethane
Concen: 35.727 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.017 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:	117	Resp:	203803
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.1	112.7
201	101.2	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 37.016 ng

RT: 8.572 min Scan# 91

Delta R.T. -0.017 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

Tgt Ion: 70 Resp: 383473

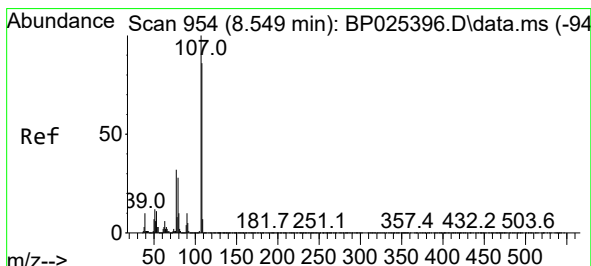
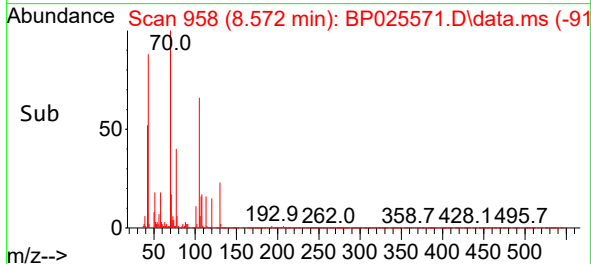
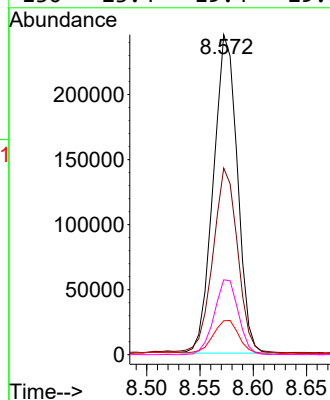
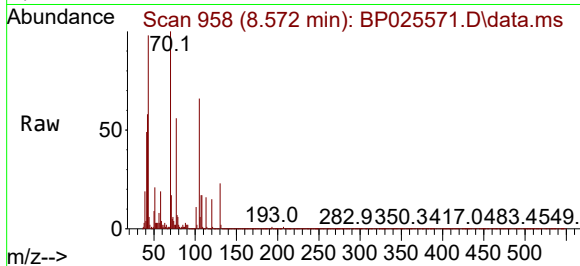
Ion Ratio Lower Upper

70 100

42 58.3 43.8 65.6

101 10.6 8.5 12.7

130 23.4 19.4 29.0



#20

3+4-Methylphenols

Concen: 38.629 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Tgt Ion:107 Resp: 610315

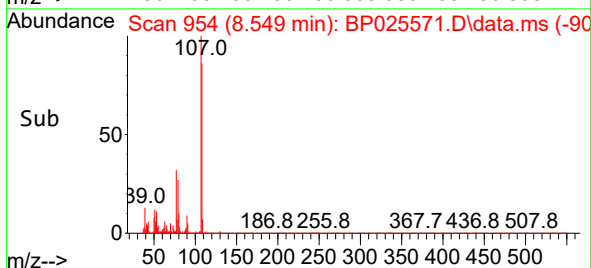
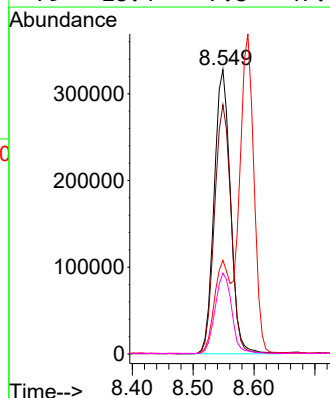
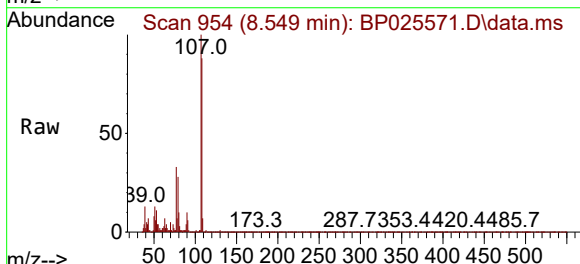
Ion Ratio Lower Upper

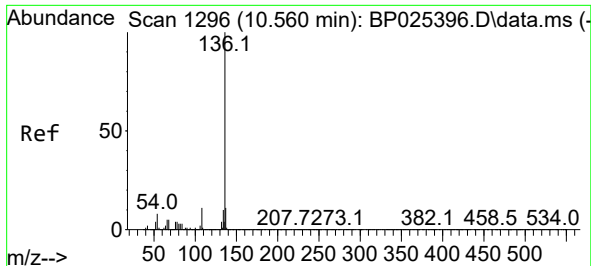
107 100

108 87.7 66.3 106.3

77 32.9 12.3 52.3

79 28.4 7.8 47.8

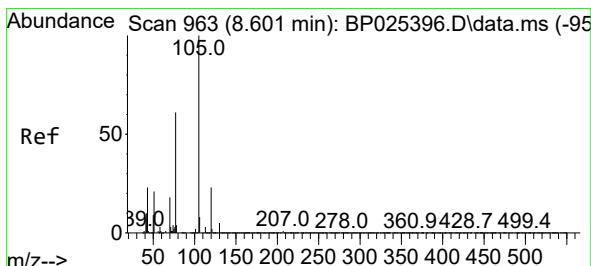
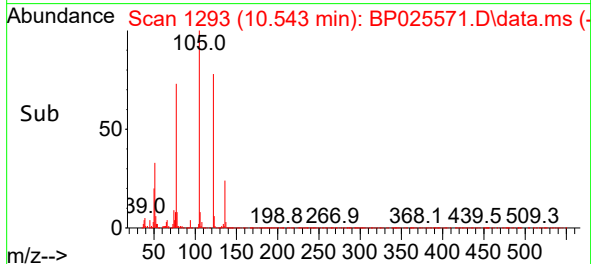
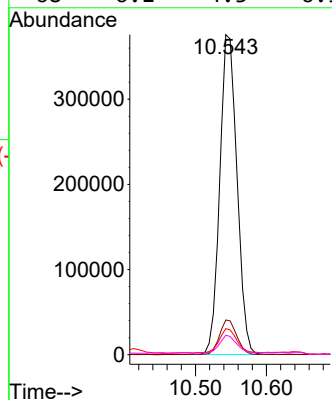
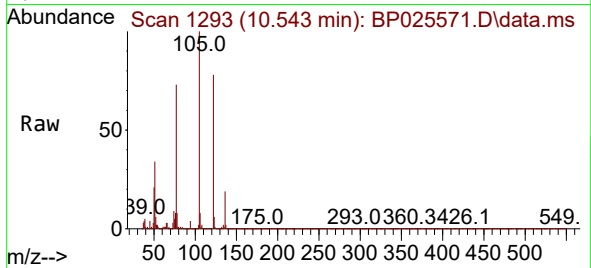




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

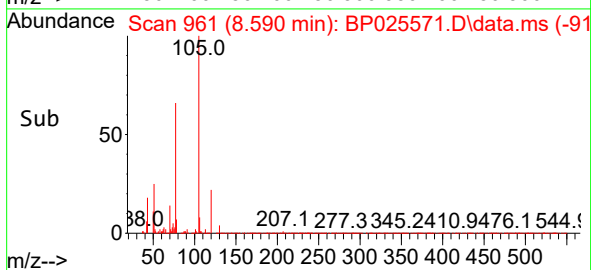
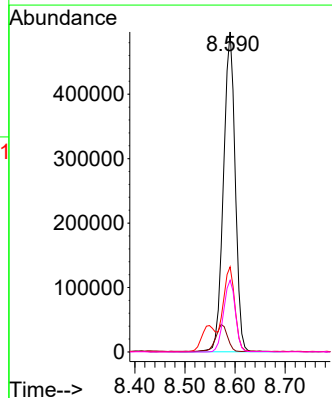
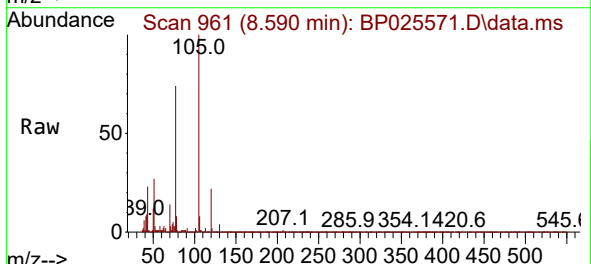
Instrument :
BNA_P
ClientSampleId :
4065MSD

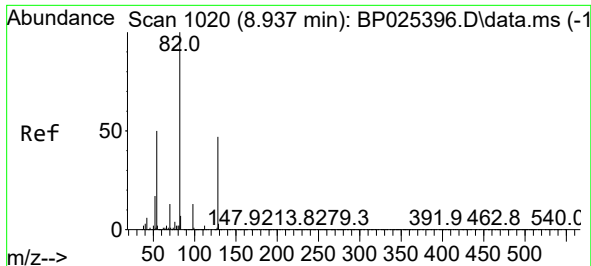
Tgt Ion:136 Resp: 630097
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.1 6.0 9.0
68 6.1 4.3 6.5



#22
Acetophenone
Concen: 51.106 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:105 Resp: 807559
Ion Ratio Lower Upper
105 100
71 2.6 2.6 4.0#
51 26.6 20.6 30.8
120 22.4 18.6 27.8





#23

Nitrobenzene-d5

Concen: 93.991 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

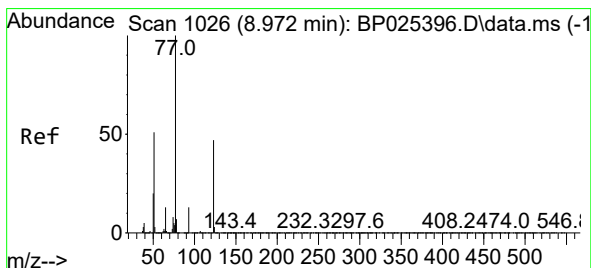
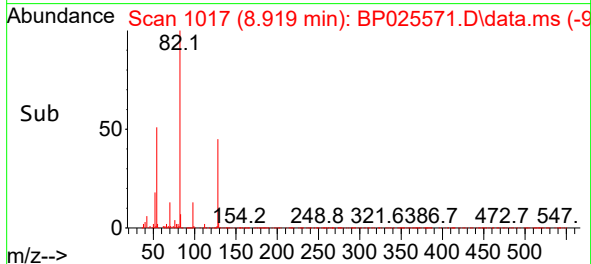
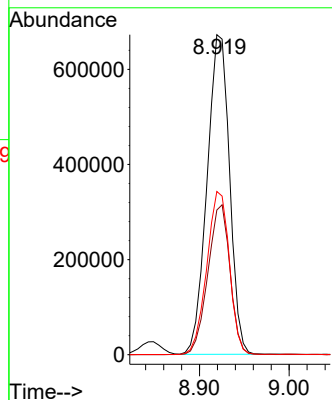
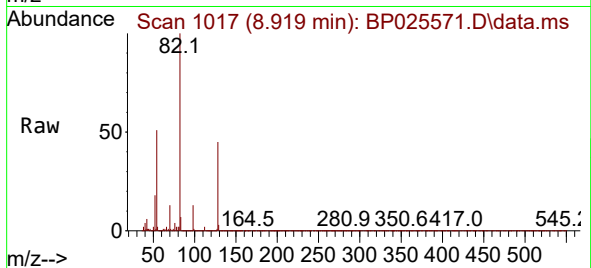
Tgt Ion: 82 Resp: 1170765

Ion Ratio Lower Upper

82 100

128 45.2 37.7 56.5

54 51.0 39.8 59.6



#24

Nitrobenzene

Concen: 57.658 ng

RT: 8.960 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

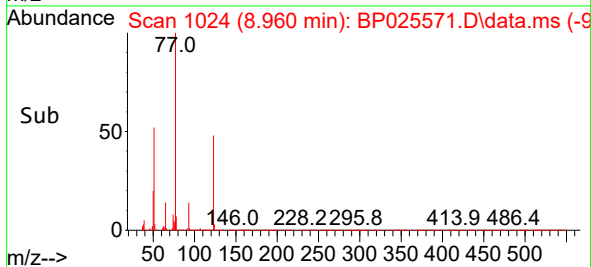
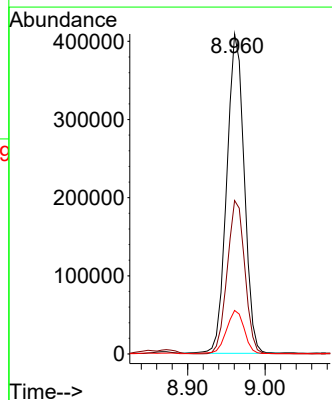
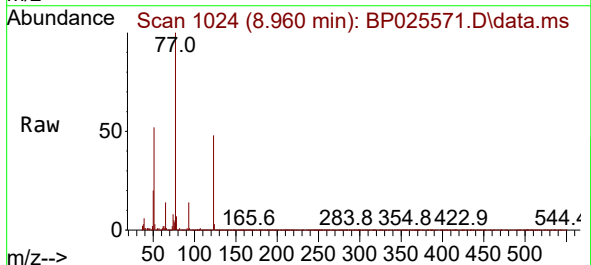
Tgt Ion: 77 Resp: 641856

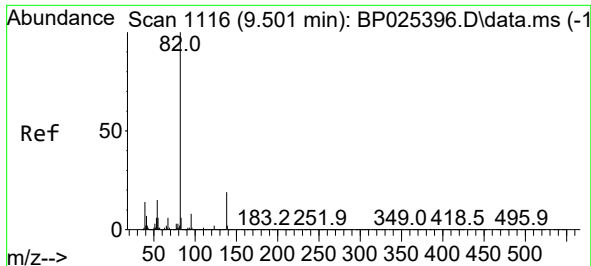
Ion Ratio Lower Upper

77 100

123 48.0 38.6 58.0

65 13.6 10.6 15.8

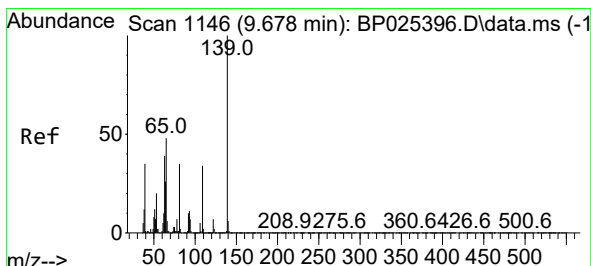
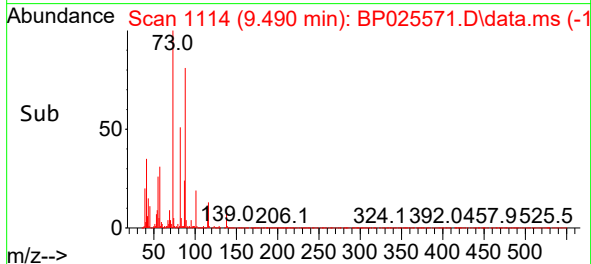
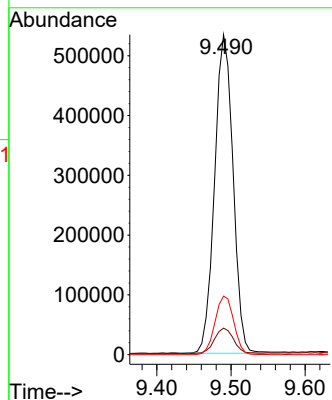
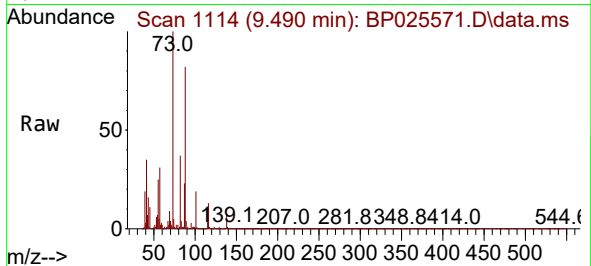




#25
Isophorone
Concen: 41.912 ng
RT: 9.490 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

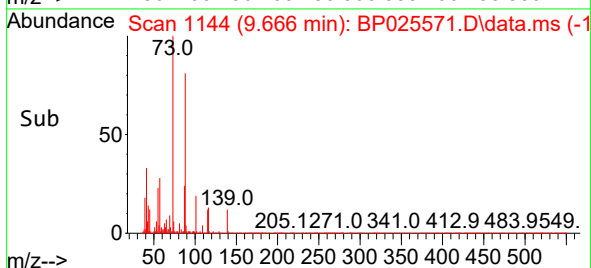
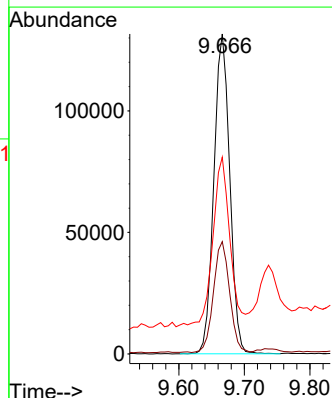
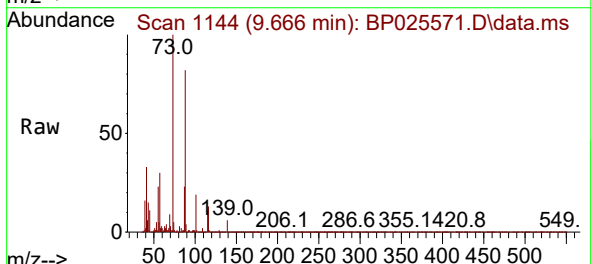
Instrument :
BNA_P
ClientSampleId :
4065MSD

Tgt Ion: 82 Resp: 923919
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 18.3 15.4 23.0



#26
2-Nitrophenol
Concen: 38.672 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:139 Resp: 220934
Ion Ratio Lower Upper
139 100
109 35.1 26.9 40.3
65 61.5 38.3 57.5#





#27

2,4-Dimethylphenol

Concen: 34.184 ng

RT: 9.737 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

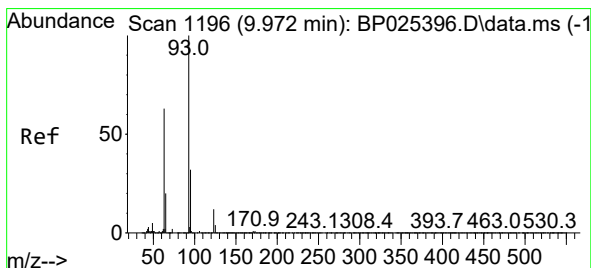
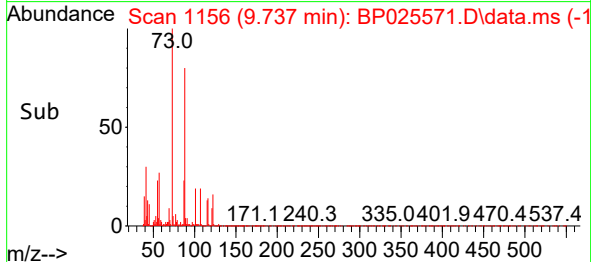
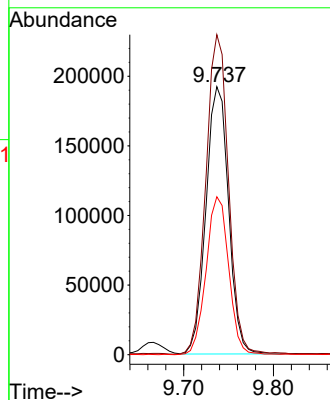
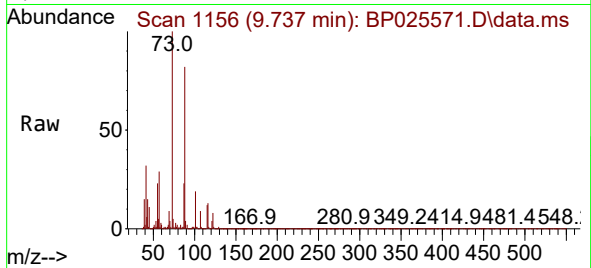
Tgt Ion:122 Resp: 335851

Ion Ratio Lower Upper

122 100

107 119.4 93.7 140.5

121 58.9 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.512 ng

RT: 9.960 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

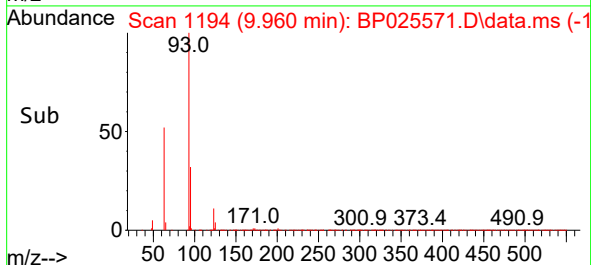
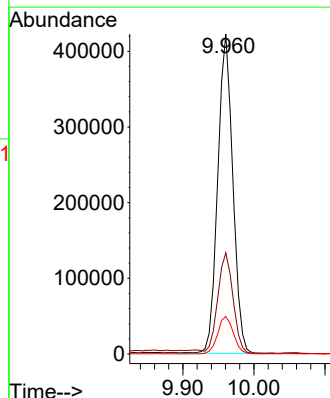
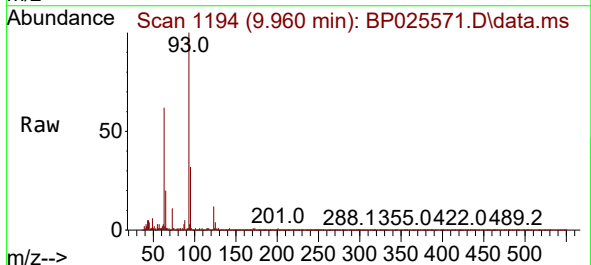
Tgt Ion: 93 Resp: 619786

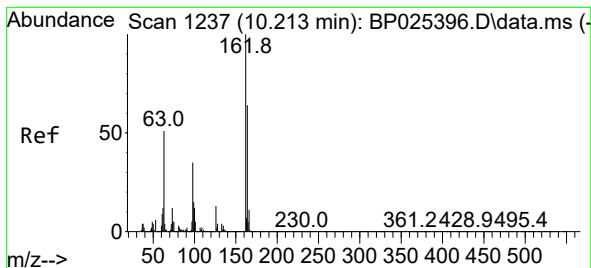
Ion Ratio Lower Upper

93 100

95 31.6 25.4 38.0

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.103 ng

RT: 10.213 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

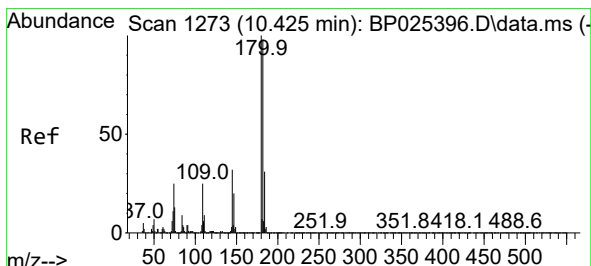
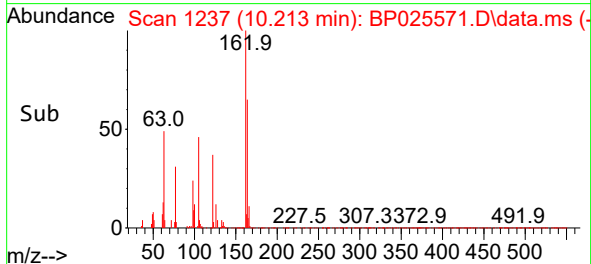
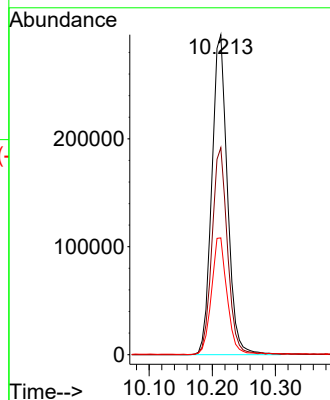
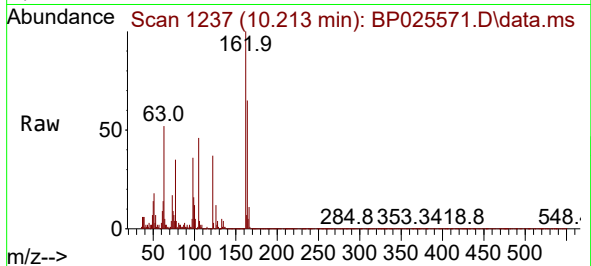
Tgt Ion:162 Resp: 508517

Ion Ratio Lower Upper

162 100

164 64.7 44.4 84.4

98 36.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 41.908 ng

RT: 10.413 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

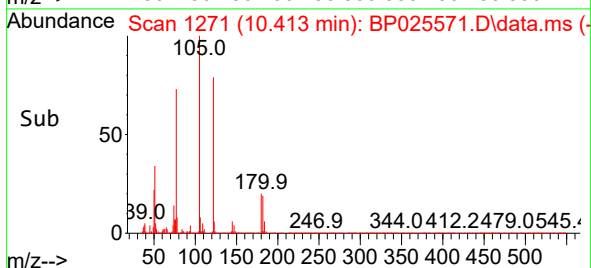
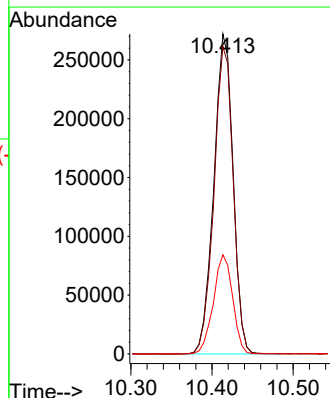
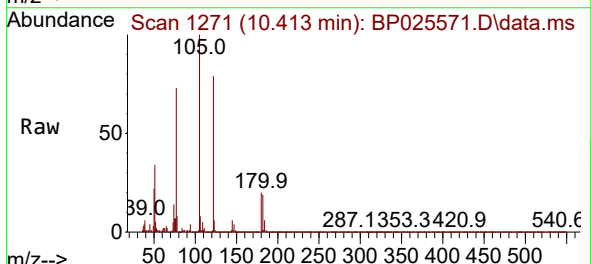
Tgt Ion:180 Resp: 448376

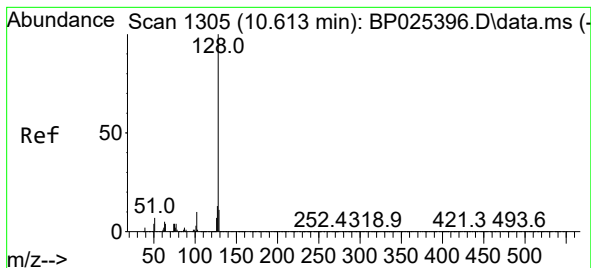
Ion Ratio Lower Upper

180 100

182 96.1 78.0 117.0

145 31.0 25.9 38.9

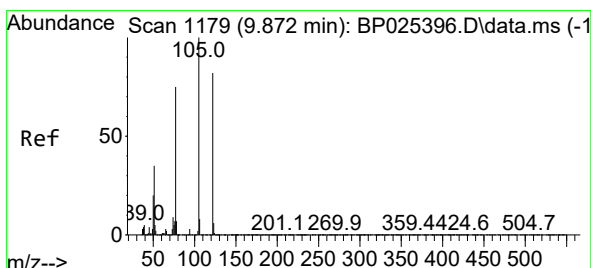
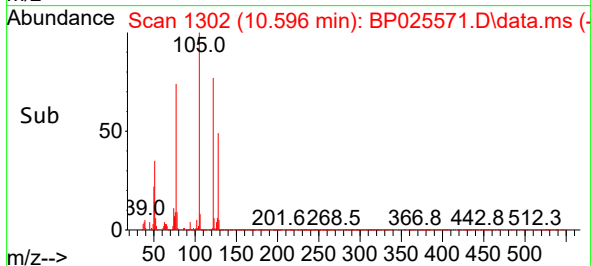
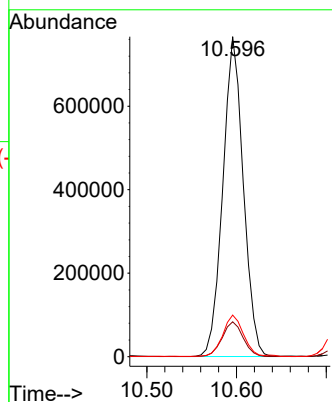
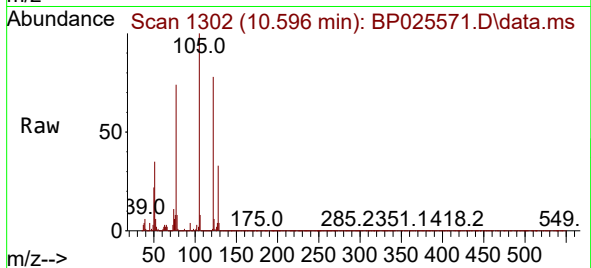




#31
Naphthalene
Concen: 37.082 ng
RT: 10.596 min Scan# 1156
Delta R.T. -0.017 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

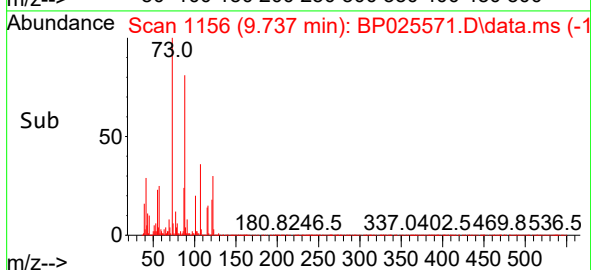
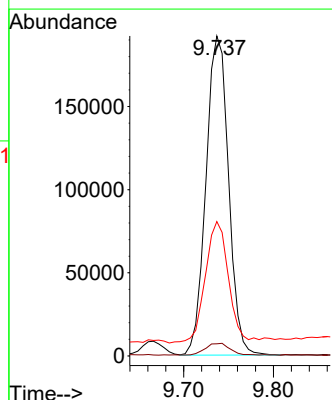
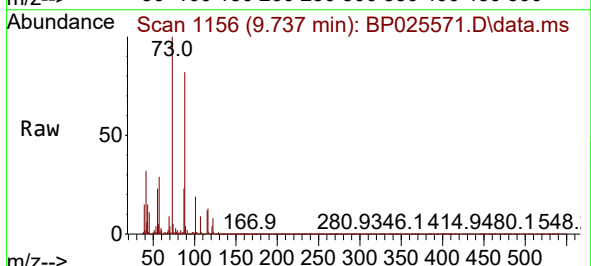
Instrument :
BNA_P
ClientSampleId :
4065MSD

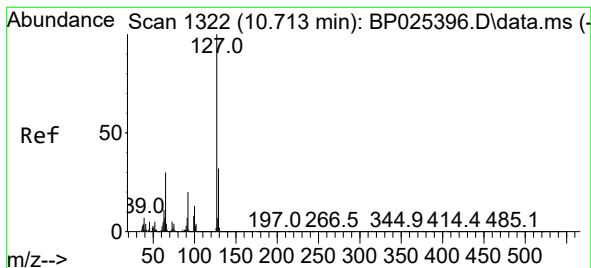
Tgt Ion:128 Resp: 1214422
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 46.302 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.135 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:122 Resp: 335851
Ion Ratio Lower Upper
122 100
105 3.8 100.6 140.6#
77 42.0 71.5 111.5#





#33

4-Chloroaniline

Concen: 20.023 ng

RT: 10.719 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

Tgt Ion:127 Resp: 289651

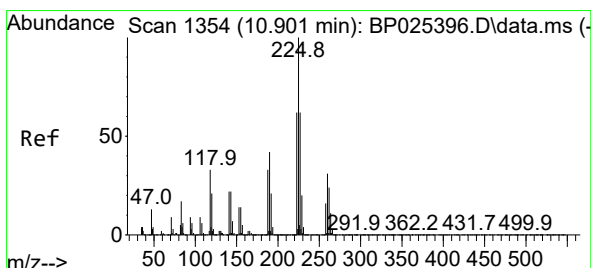
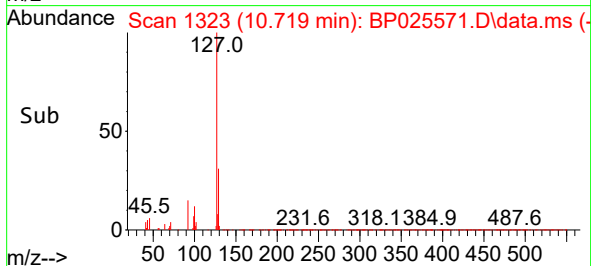
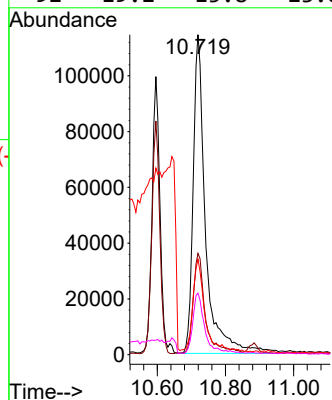
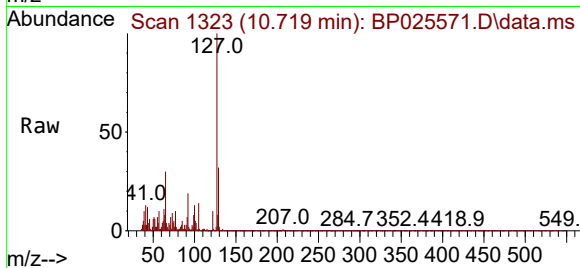
Ion Ratio Lower Upper

127 100

129 31.7 25.4 38.2

65 29.9 23.8 35.6

92 19.2 15.8 23.8



#34

Hexachlorobutadiene

Concen: 46.113 ng

RT: 10.884 min Scan# 1351

Delta R.T. -0.017 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

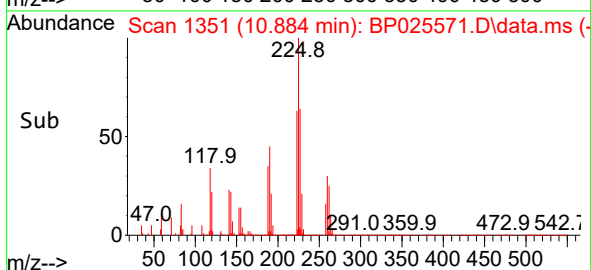
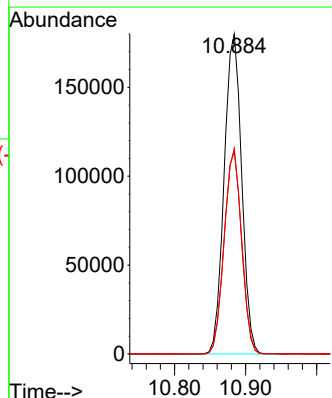
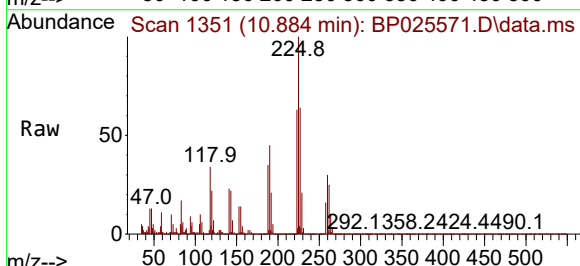
Tgt Ion:225 Resp: 307255

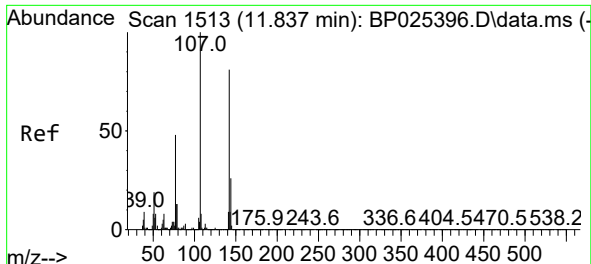
Ion Ratio Lower Upper

225 100

223 63.3 50.0 75.0

227 64.3 49.7 74.5

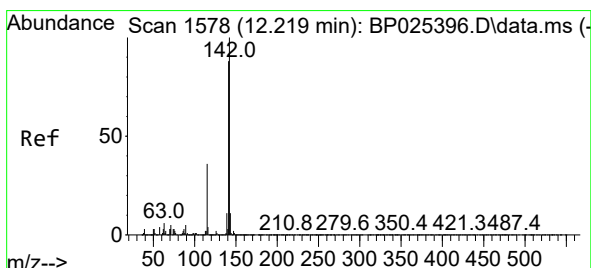
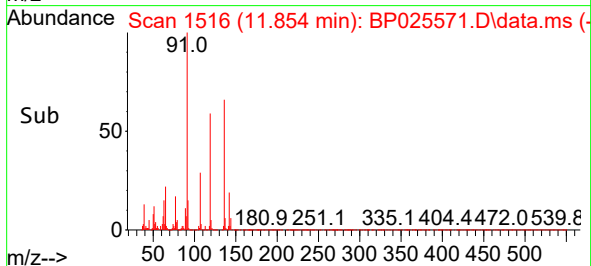
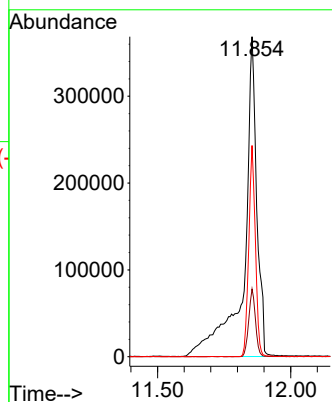
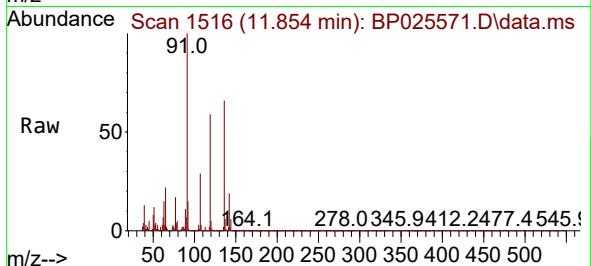




#36
4-Chloro-3-methylphenol
Concen: 110.507 ng
RT: 11.854 min Scan# 1516
Delta R.T. 0.018 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

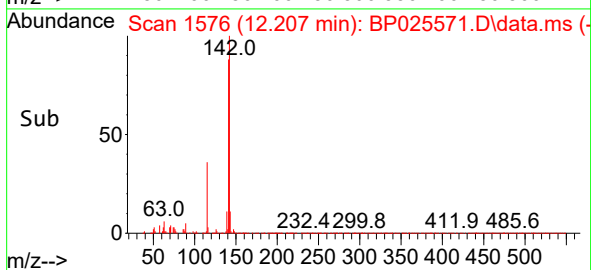
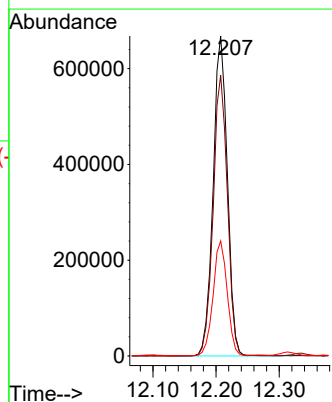
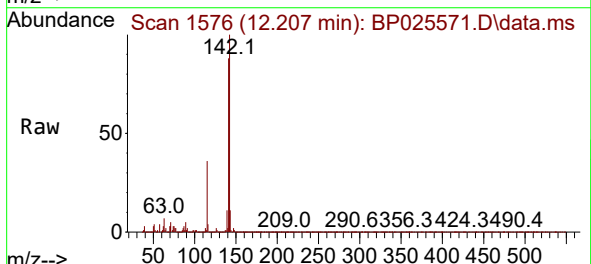
Instrument :
BNA_P
ClientSampleId :
4065MSD

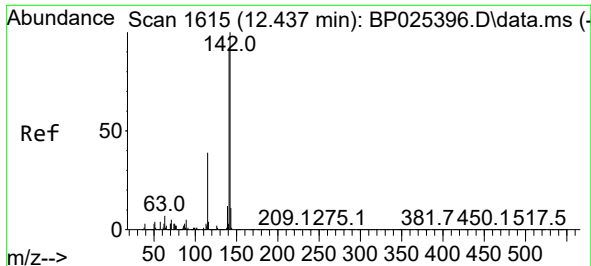
Tgt Ion:107 Resp: 1237594
Ion Ratio Lower Upper
107 100
144 21.1 21.0 31.4
142 66.0 64.6 97.0



#37
2-Methylnaphthalene
Concen: 49.032 ng
RT: 12.207 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:142 Resp: 1045000
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 36.0 28.9 43.3

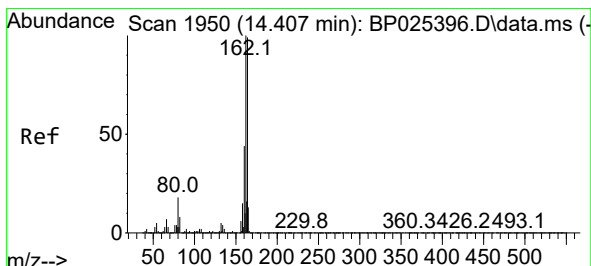
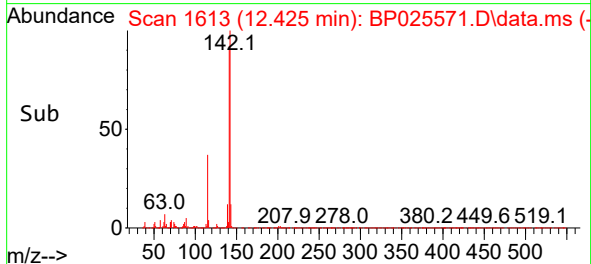
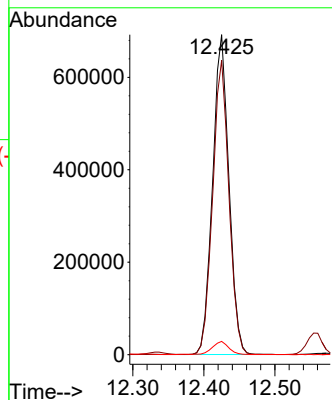
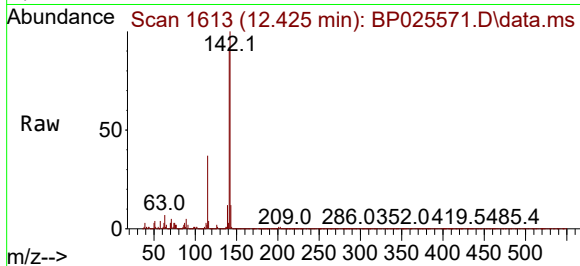




#38
1-Methylnaphthalene
Concen: 48.669 ng
RT: 12.425 min Scan# 1103092
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

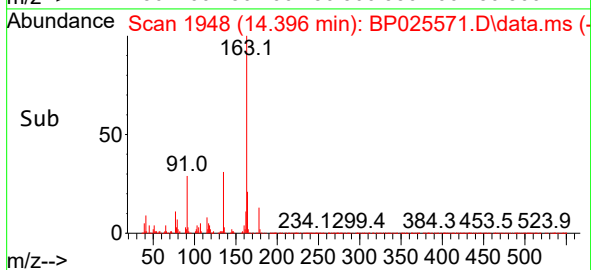
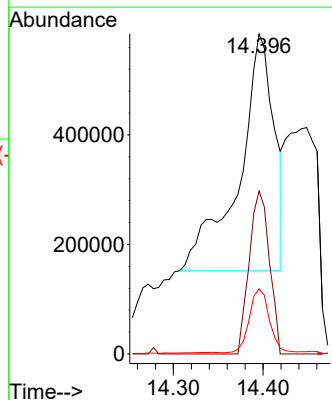
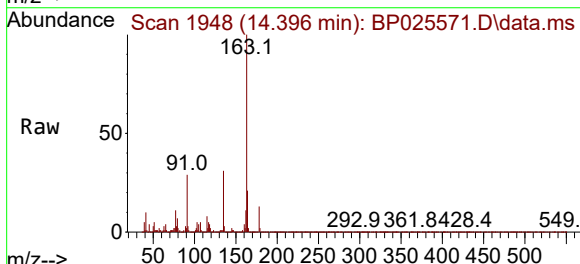
Instrument :
BNA_P
ClientSampleId :
4065MSD

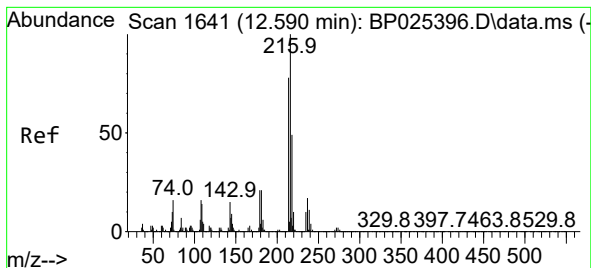
Tgt Ion:142 Resp: 1103092
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.2 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:164 Resp: 1184123
Ion Ratio Lower Upper
164 100
162 50.9 81.0 121.6#
160 20.4 35.4 53.2#

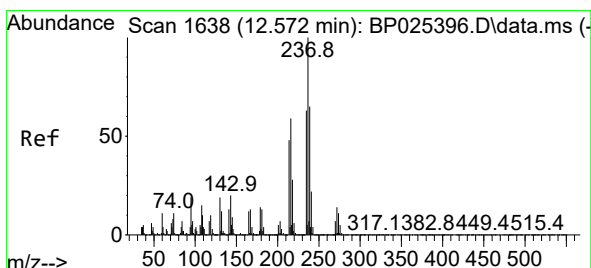
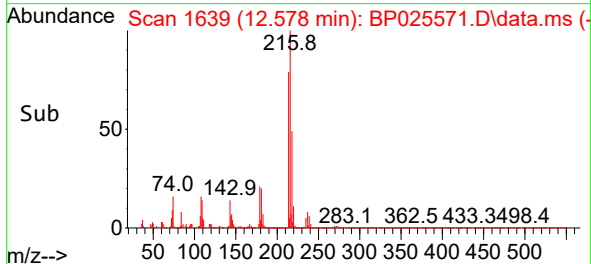
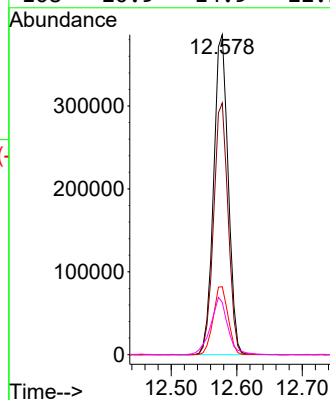
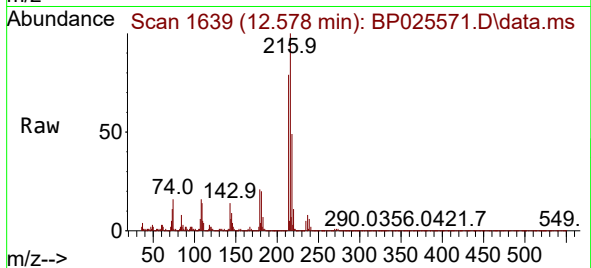




#40
1,2,4,5-Tetrachlorobenzene
Concen: 17.409 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

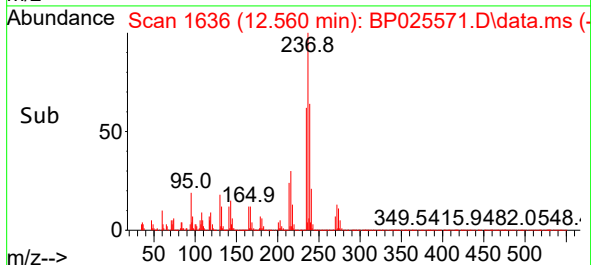
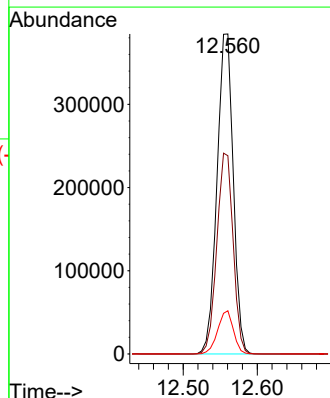
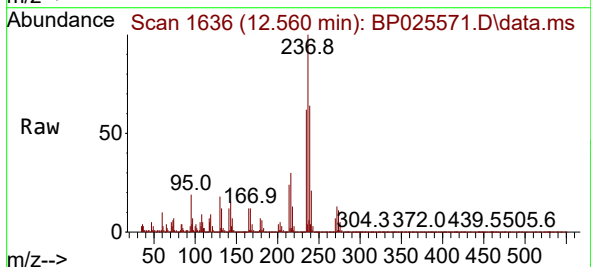
Instrument :
BNA_P
ClientSampleId :
4065MSD

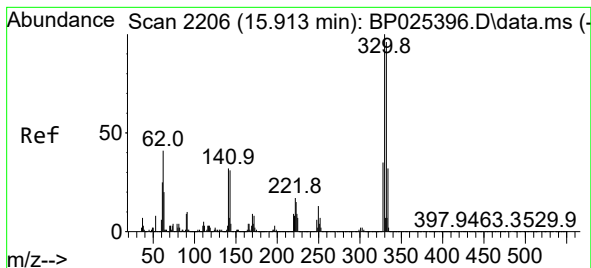
Tgt Ion:216 Resp: 595382
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 21.8 17.1 25.7
108 20.9 14.9 22.3



#41
Hexachlorocyclopentadiene
Concen: 28.350 ng
RT: 12.560 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:237 Resp: 585636
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 13.5 0.0 34.0





#42

2,4,6-Tribromophenol

Concen: 52.558 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

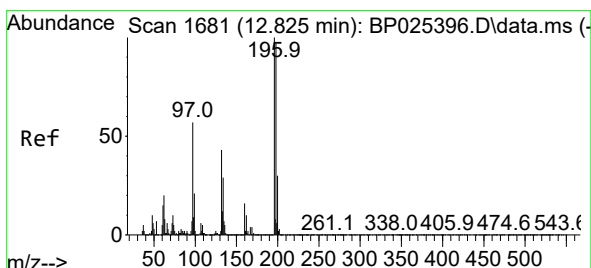
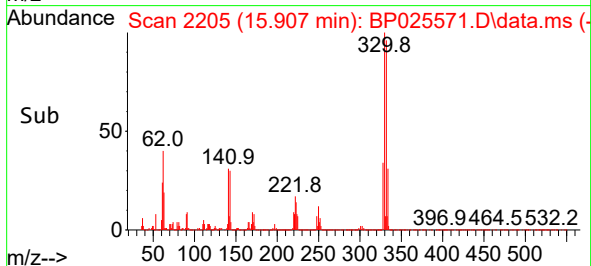
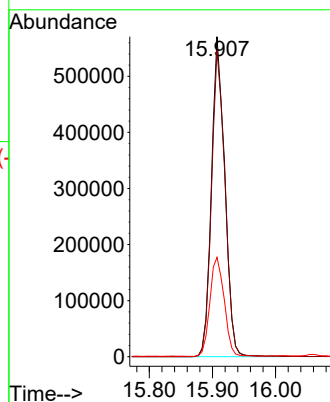
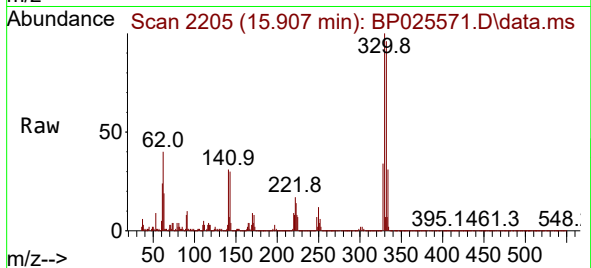
Tgt Ion:330 Resp: 837695

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 33.2 26.6 39.8



#43

2,4,6-Trichlorophenol

Concen: 18.973 ng

RT: 12.825 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

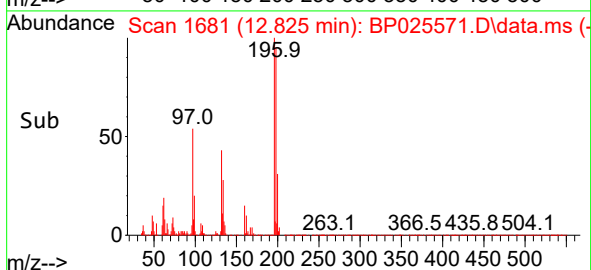
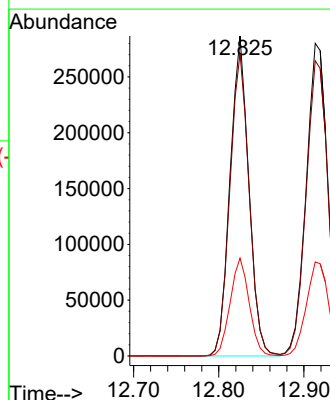
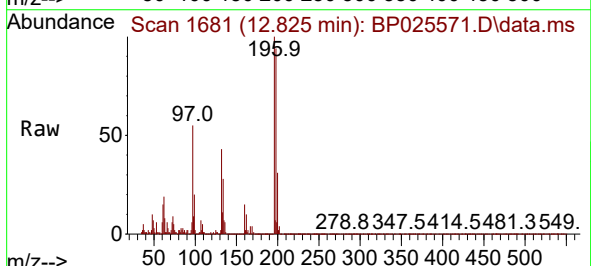
Tgt Ion:196 Resp: 438047

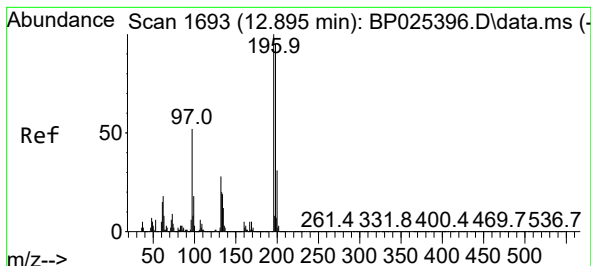
Ion Ratio Lower Upper

196 100

198 94.5 77.2 115.8

200 30.5 23.9 35.9





#44

2,4,5-Trichlorophenol

Concen: 19.360 ng

RT: 12.913 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

Tgt Ion:196 Resp: 489885

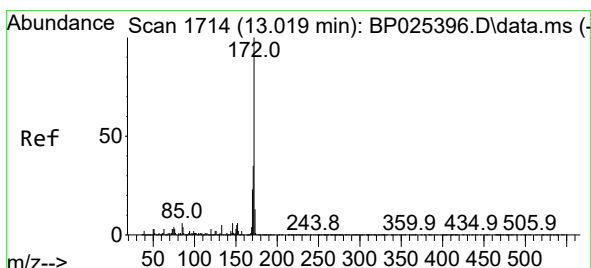
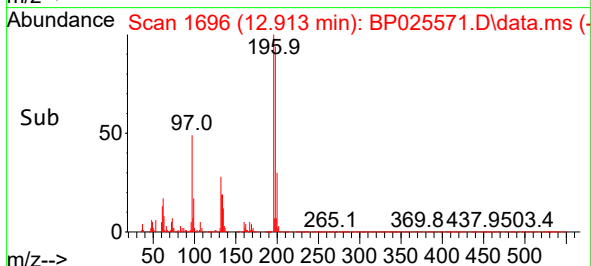
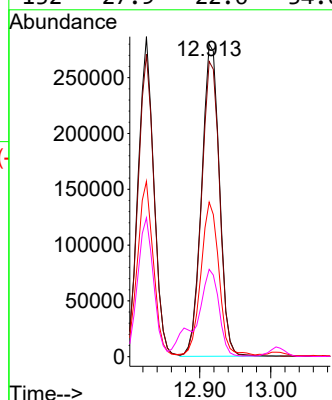
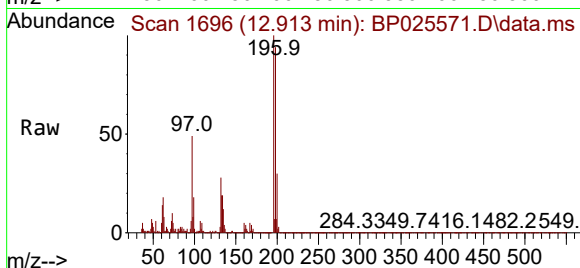
Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.2

97 49.5 41.2 61.8

132 27.9 22.6 34.0



#45

2-Fluorobiphenyl

Concen: 30.487 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

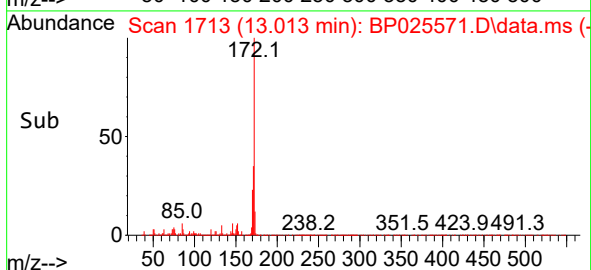
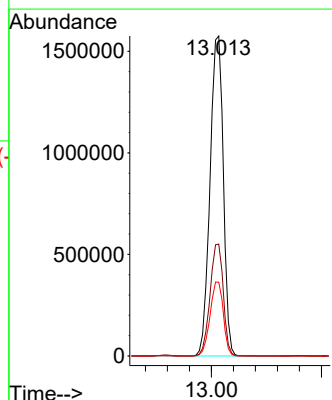
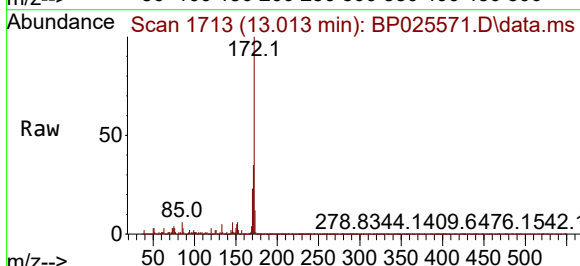
Tgt Ion:172 Resp: 2641444

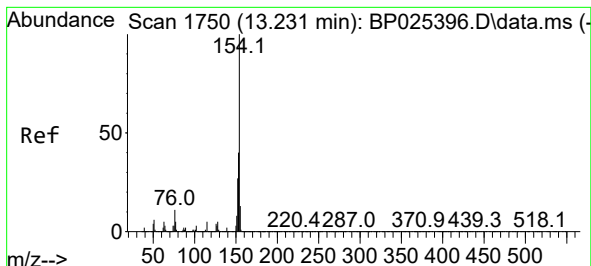
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.1 18.6 28.0





#46

1,1'-Biphenyl

Concen: 18.243 ng

RT: 13.219 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

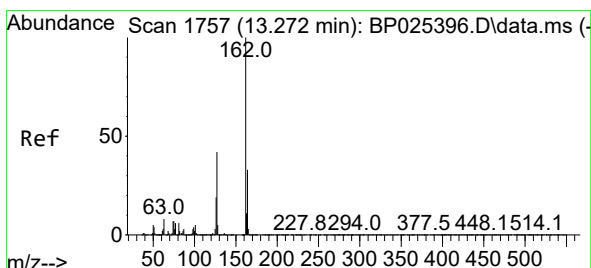
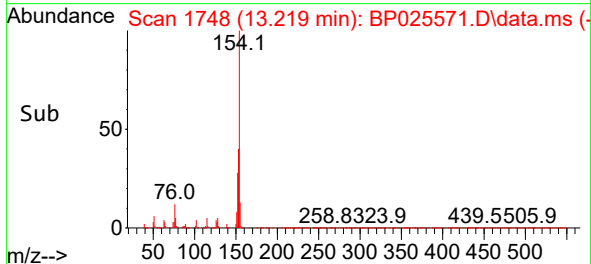
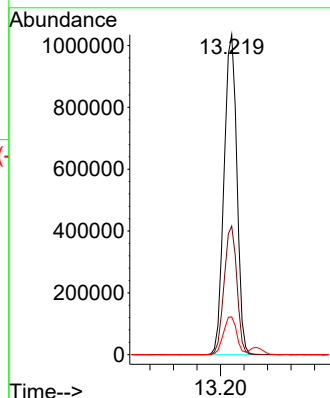
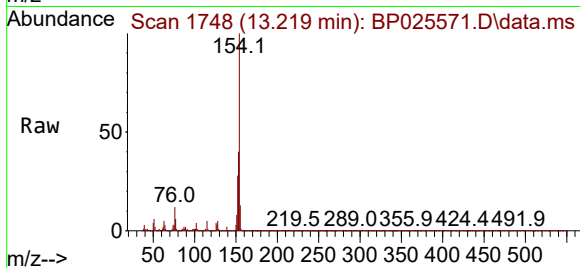
Tgt Ion:154 Resp: 1568897

Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

76 11.8 0.0 31.1



#47

2-Chloronaphthalene

Concen: 17.780 ng

RT: 13.260 min Scan# 1755

Delta R.T. -0.012 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

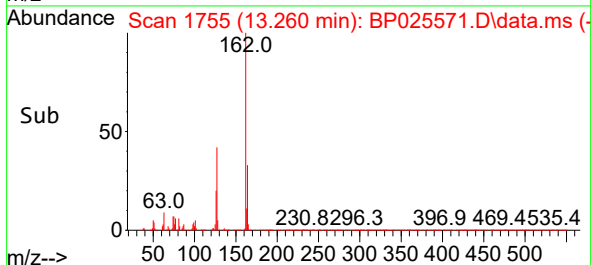
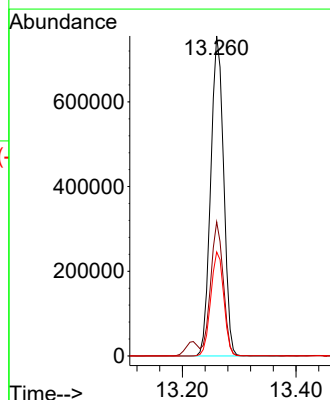
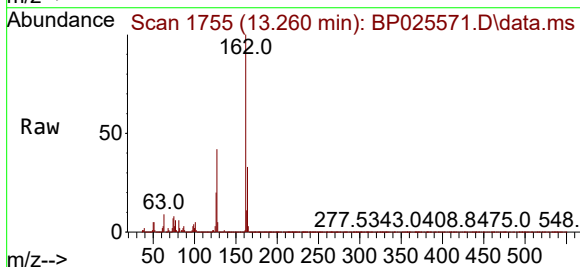
Tgt Ion:162 Resp: 1190364

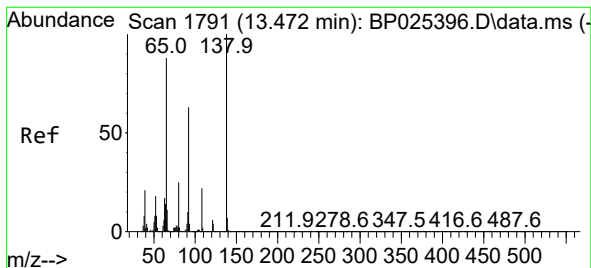
Ion Ratio Lower Upper

162 100

127 41.9 33.4 50.2

164 32.5 26.2 39.2





#48

2-Nitroaniline

Concen: 17.676 ng

RT: 13.466 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

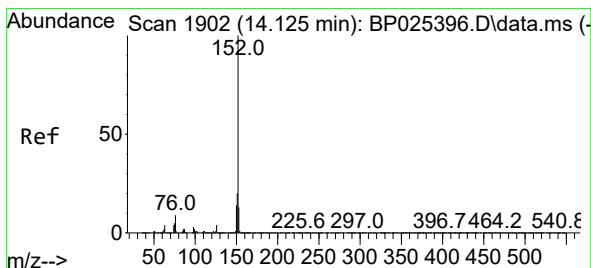
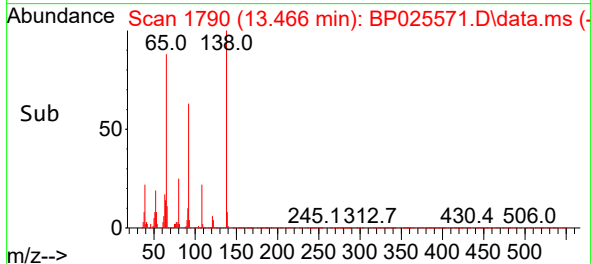
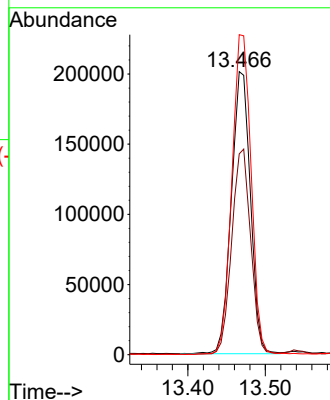
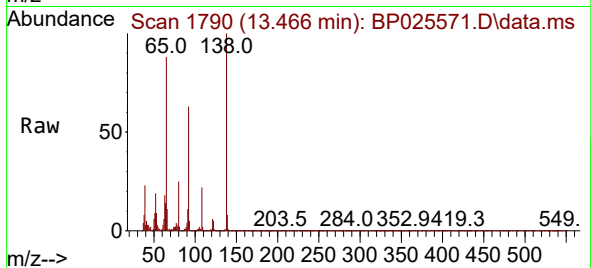
Tgt Ion: 65 Resp: 344804

Ion Ratio Lower Upper

65 100

92 70.9 57.6 86.4

138 113.1 91.0 136.6



#49

Acenaphthylene

Concen: 17.081 ng

RT: 14.113 min Scan# 1900

Delta R.T. -0.012 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

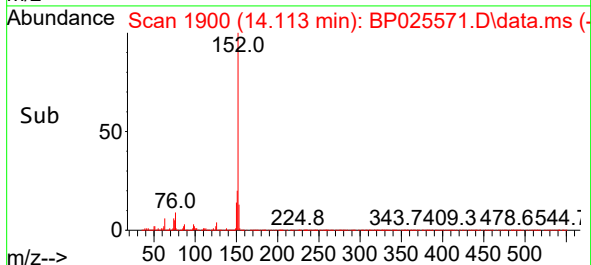
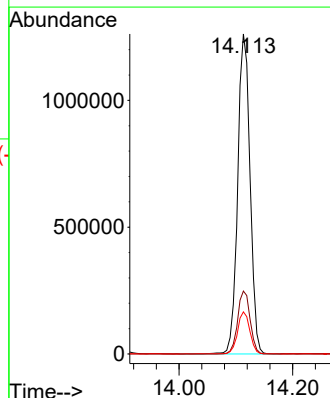
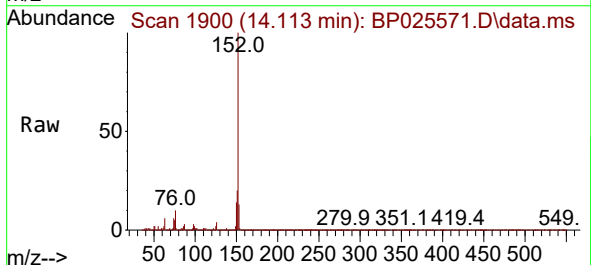
Tgt Ion:152 Resp: 1892216

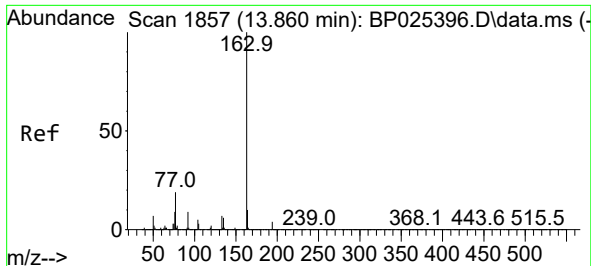
Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 13.2 10.6 15.8

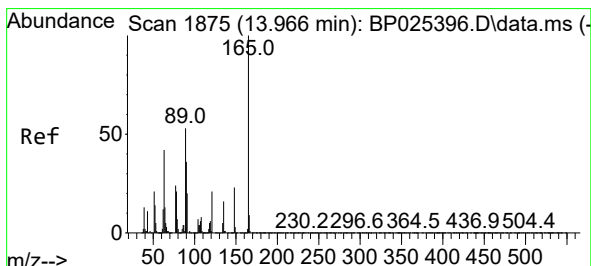
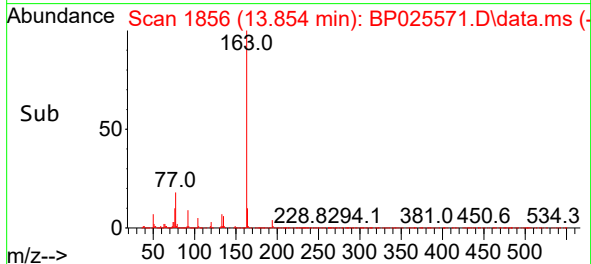
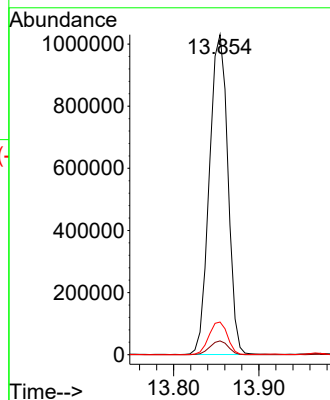
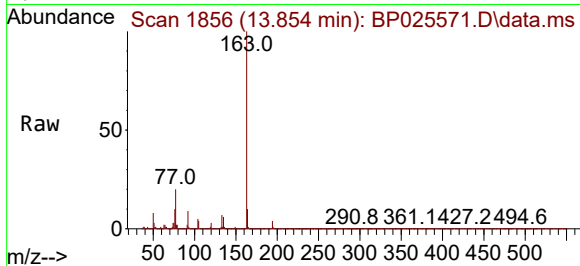




#50
Dimethylphthalate
Concen: 17.937 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

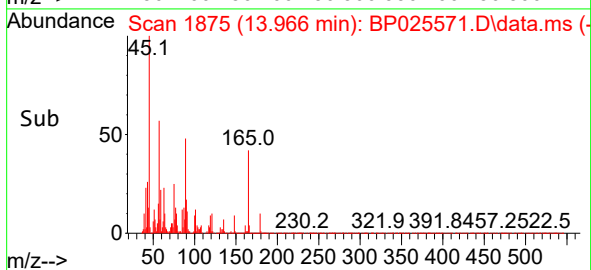
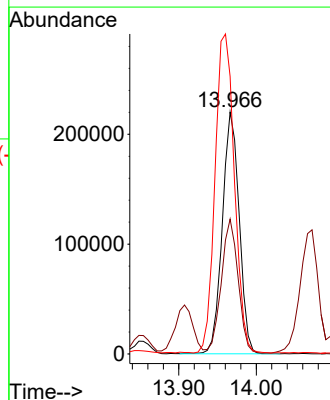
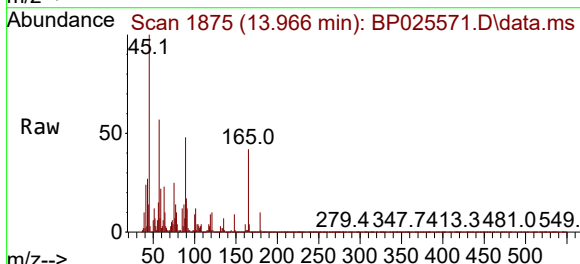
Instrument :
BNA_P
ClientSampleId :
4065MSD

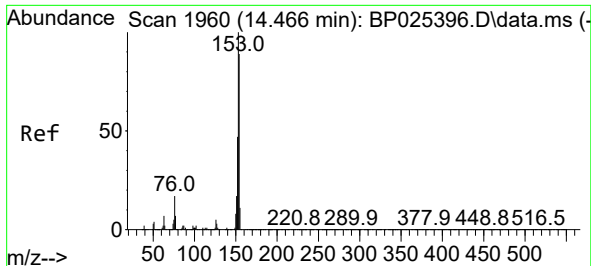
Tgt Ion:163 Resp: 1555311
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 18.206 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:165 Resp: 332735
Ion Ratio Lower Upper
165 100
63 55.8 40.9 61.3
89 114.7 42.1 63.1#

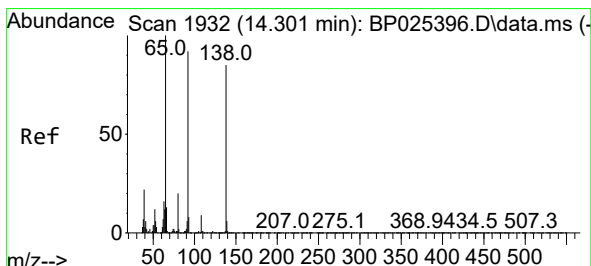
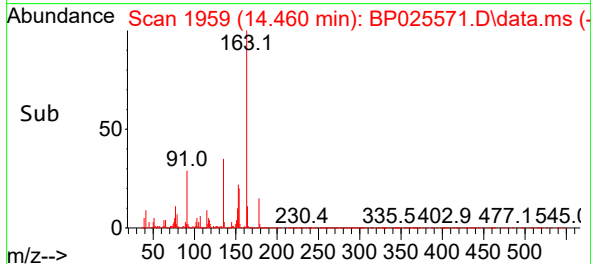
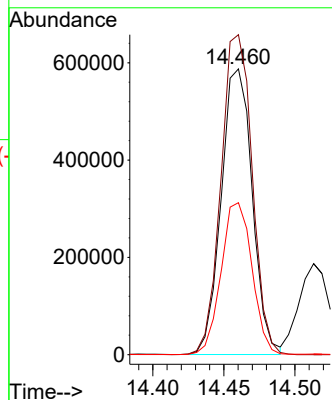
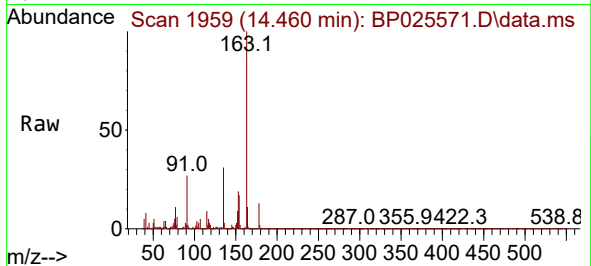




#52
Acenaphthene
Concen: 13.761 ng
RT: 14.460 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

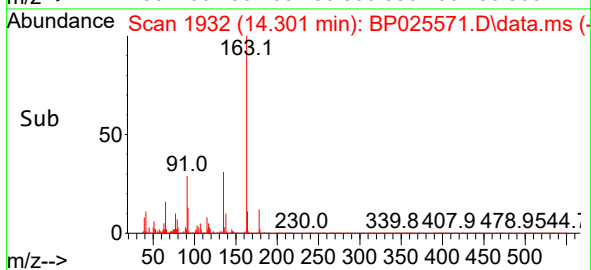
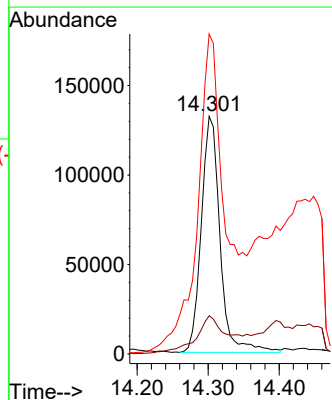
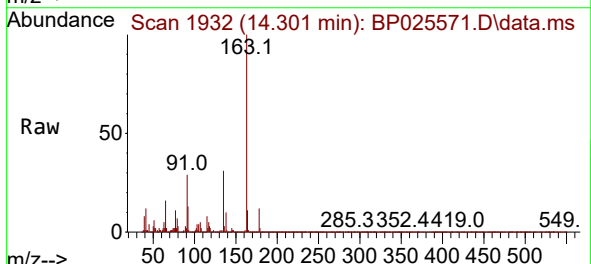
Instrument :
BNA_P
ClientSampleId :
4065MSD

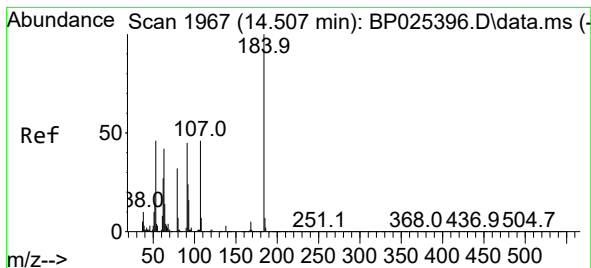
Tgt Ion:154 Resp: 894830
Ion Ratio Lower Upper
154 100
153 112.0 90.2 135.2
152 53.2 42.1 63.1



#53
3-Nitroaniline
Concen: 11.782 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:138 Resp: 242268
Ion Ratio Lower Upper
138 100
108 16.1 8.3 12.5#
92 134.7 86.2 129.2#

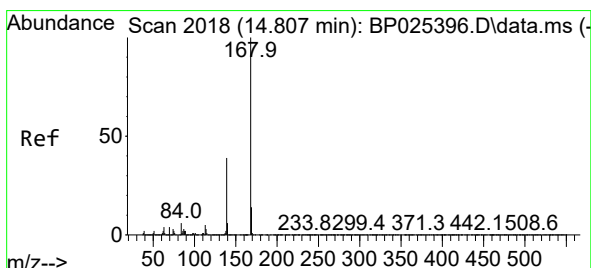
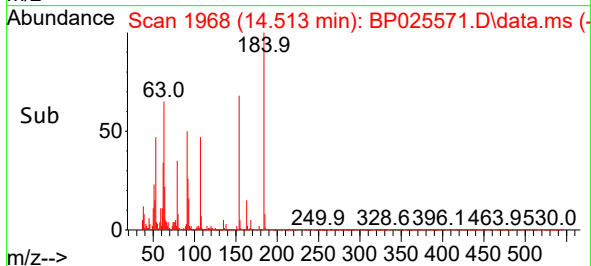
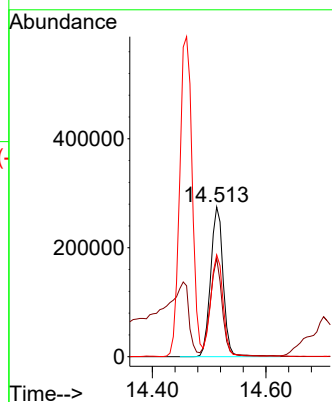
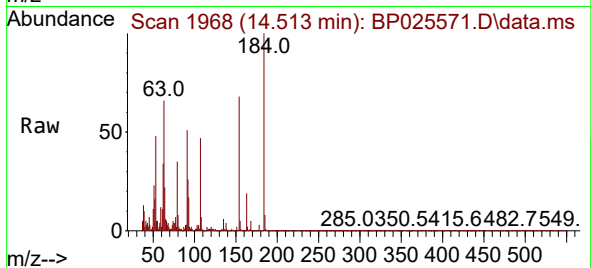




#54
2,4-Dinitrophenol
Concen: 42.808 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

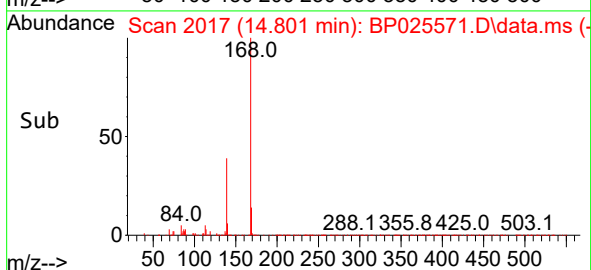
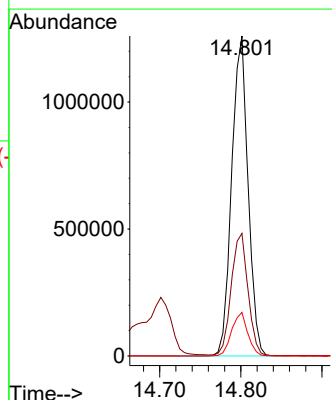
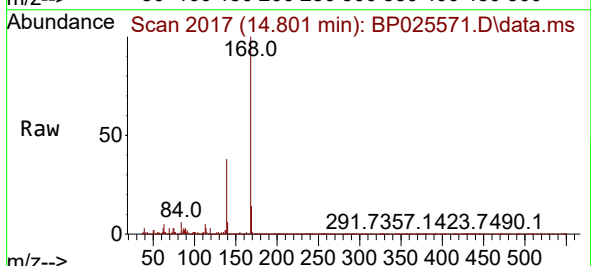
Instrument :
BNA_P
ClientSampleId :
4065MSD

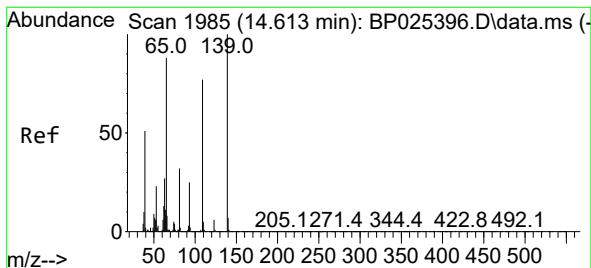
Tgt Ion:184 Resp: 417807
Ion Ratio Lower Upper
184 100
63 65.8 49.4 74.2
154 68.1 54.6 82.0



#55
Dibenzofuran
Concen: 17.090 ng
RT: 14.801 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:168 Resp: 1756994
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 13.6 10.9 16.3

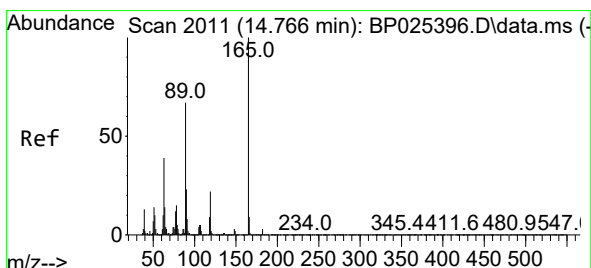
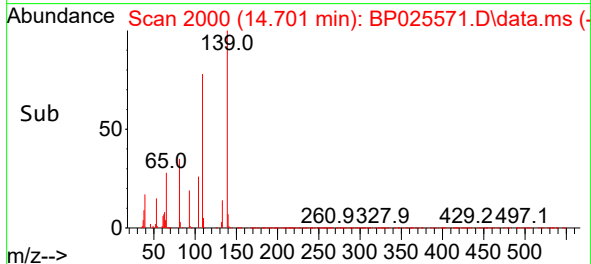
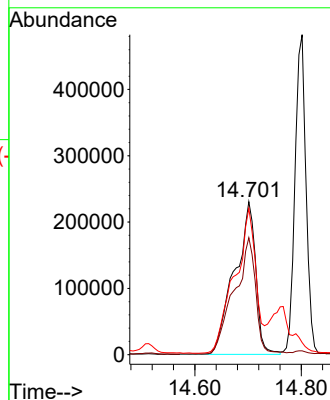
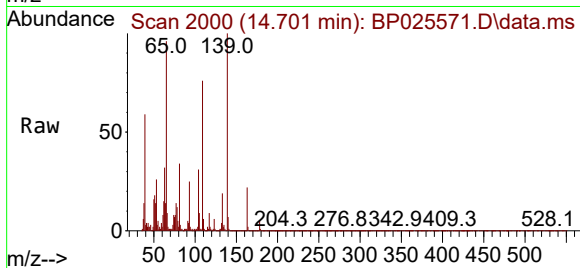




#56
4-Nitrophenol
Concen: 37.624 ng
RT: 14.701 min Scan# 2012
Delta R.T. 0.088 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

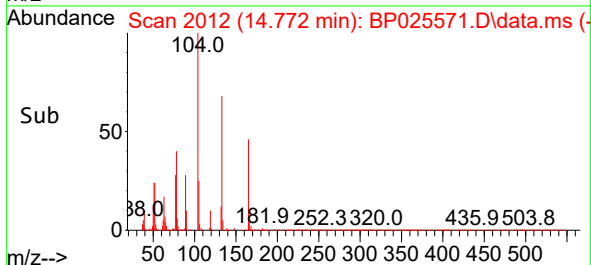
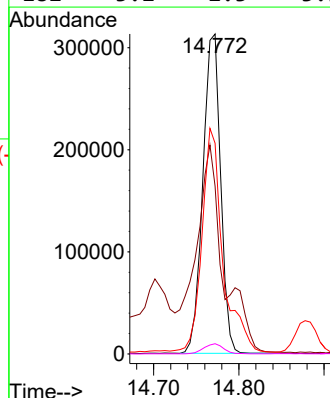
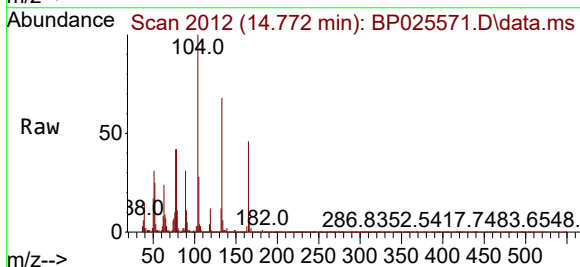
Instrument :
BNA_P
ClientSampleId :
4065MSD

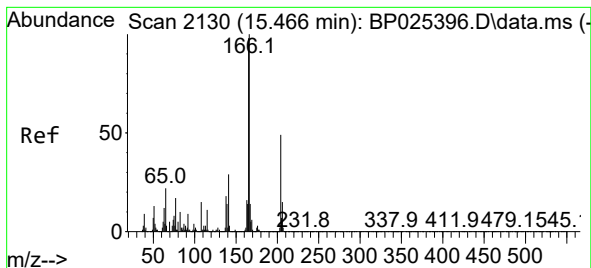
Tgt Ion:139 Resp: 635729
Ion Ratio Lower Upper
139 100
109 76.5 56.6 96.6
65 95.7 68.2 108.2



#57
2,4-Dinitrotoluene
Concen: 17.334 ng
RT: 14.772 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:165 Resp: 451998
Ion Ratio Lower Upper
165 100
63 52.4 31.4 47.2#
89 65.9 53.3 79.9
182 3.2 2.3 3.5





#58

Fluorene

Concen: 17.552 ng

RT: 15.460 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

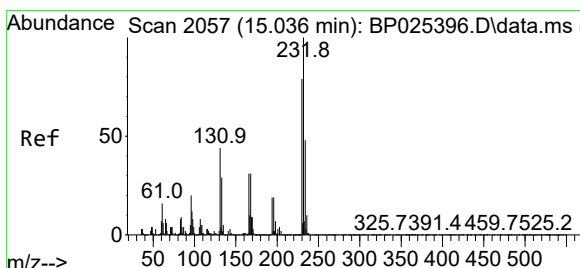
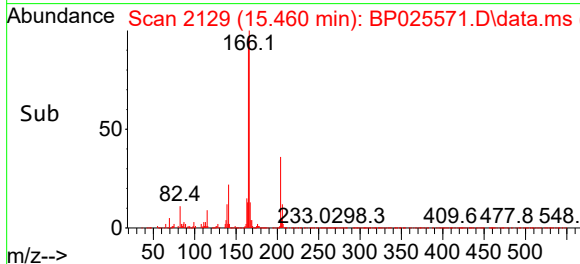
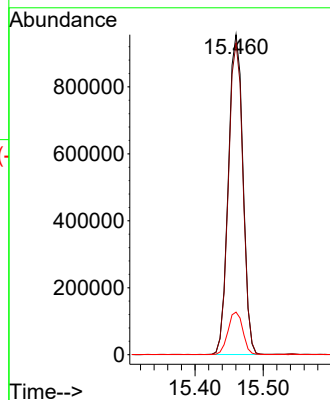
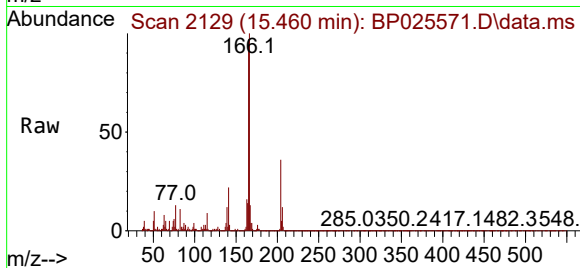
Tgt Ion:166 Resp: 1423859

Ion Ratio Lower Upper

166 100

165 97.4 78.8 118.2

167 13.3 11.0 16.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 19.183 ng

RT: 15.043 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Tgt Ion:232 Resp: 428594

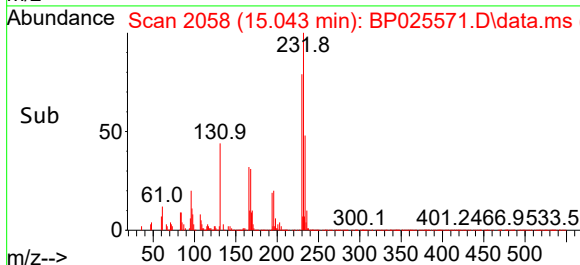
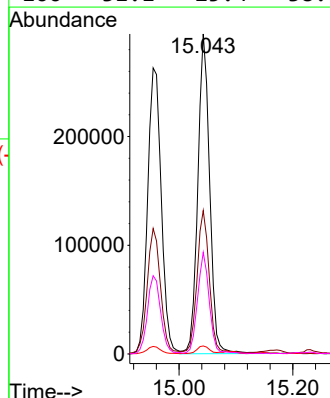
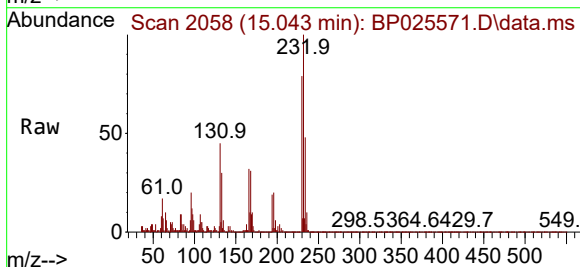
Ion Ratio Lower Upper

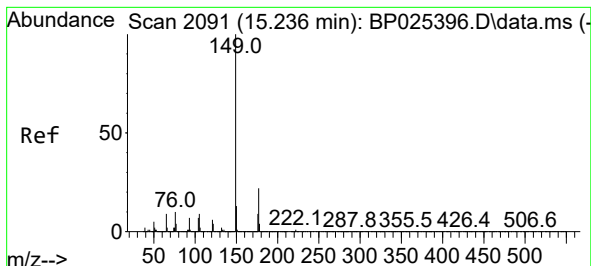
232 100

131 46.2 37.0 55.6

130 2.6 1.9 2.9

166 31.1 25.4 38.0





#60

Diethylphthalate

Concen: 18.105 ng

RT: 15.231 min Scan# 2091

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

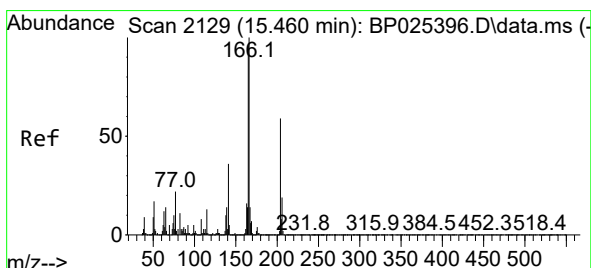
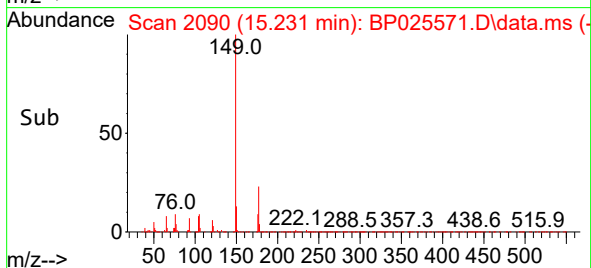
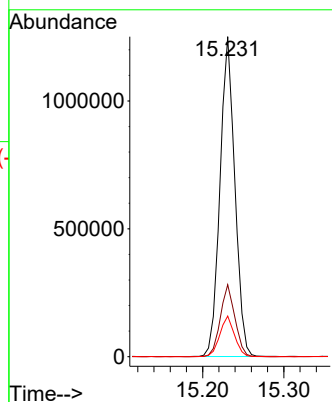
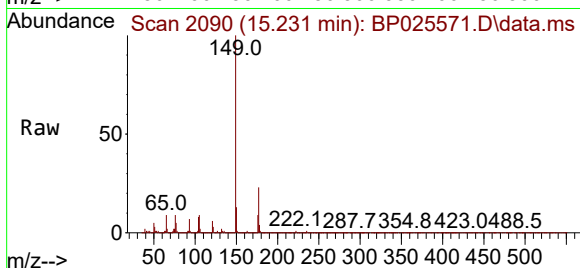
Tgt Ion:149 Resp: 1595206

Ion Ratio Lower Upper

149 100

177 22.5 17.3 25.9

150 12.7 10.3 15.5



#61

4-Chlorophenyl-phenylether

Concen: 17.256 ng

RT: 15.454 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

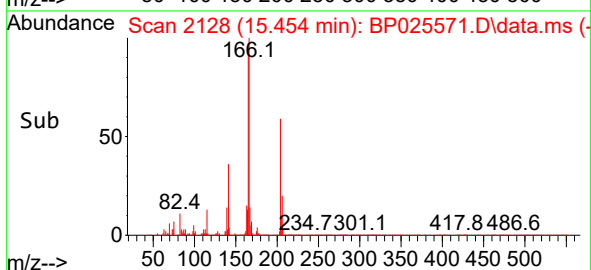
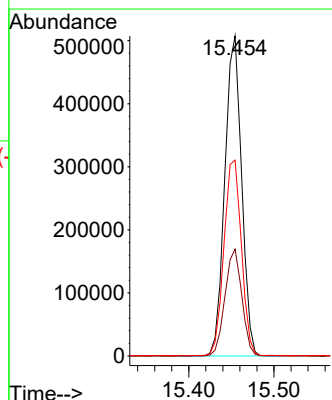
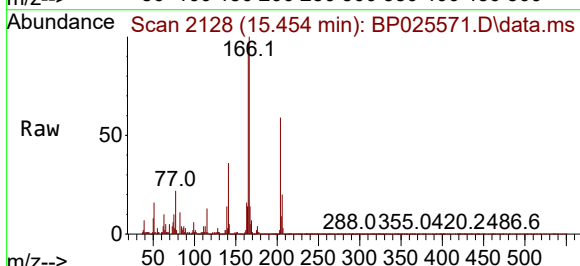
Tgt Ion:204 Resp: 696209

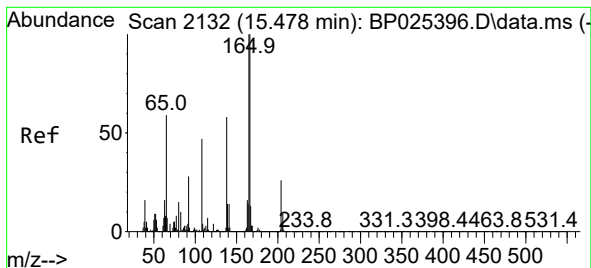
Ion Ratio Lower Upper

204 100

206 33.4 25.8 38.8

141 61.2 49.4 74.2

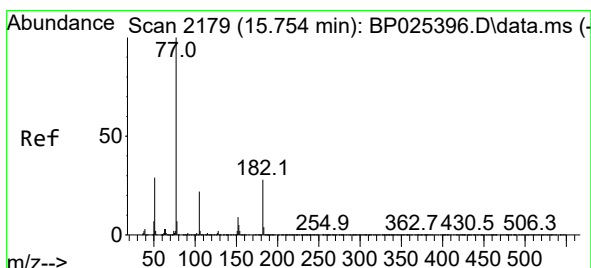
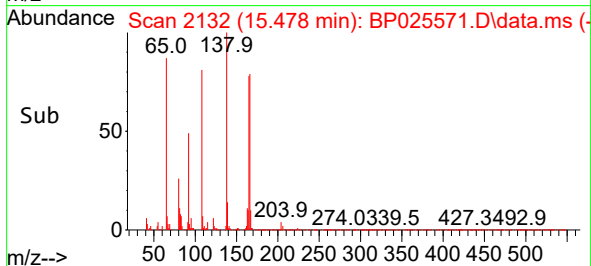
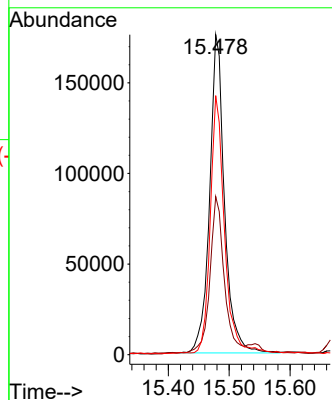
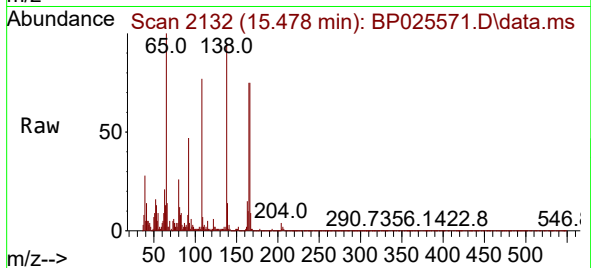




#62
4-Nitroaniline
Concen: 14.216 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

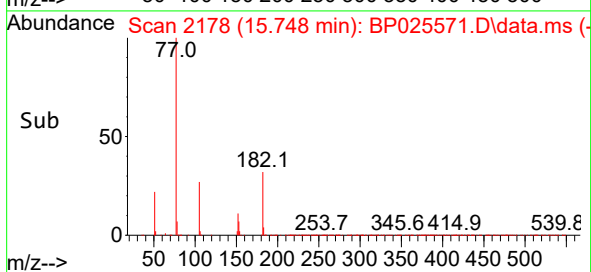
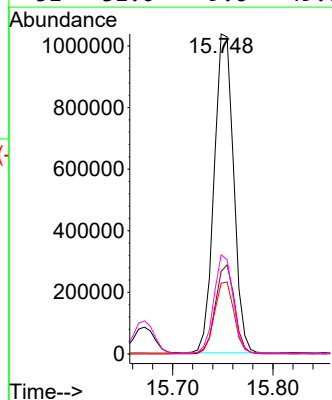
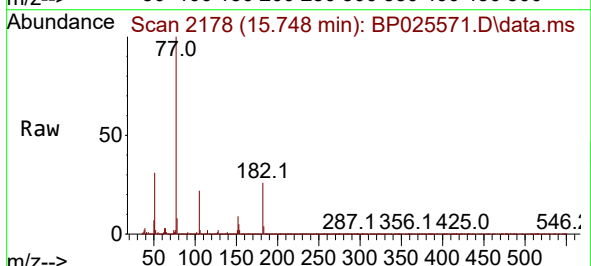
Instrument :
BNA_P
ClientSampleId :
4065MSD

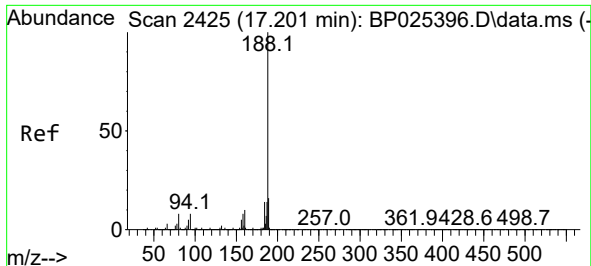
Tgt Ion:138 Resp: 299677
Ion Ratio Lower Upper
138 100
92 49.4 29.1 69.1
108 81.0 61.5 101.5



#63
Azobenzene
Concen: 18.520 ng
RT: 15.748 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion: 77 Resp: 1397196
Ion Ratio Lower Upper
77 100
182 25.8 7.5 47.5
105 22.1 2.1 42.1
51 31.0 9.6 49.6

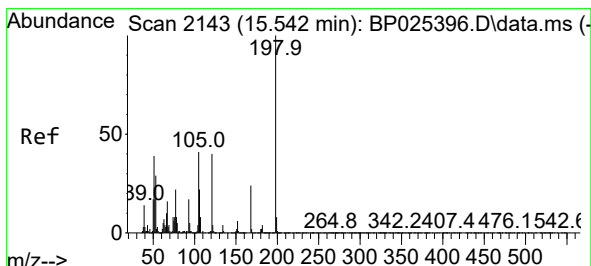
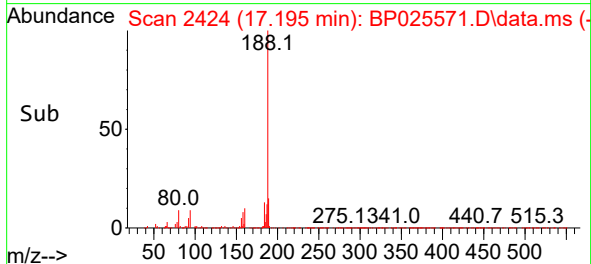
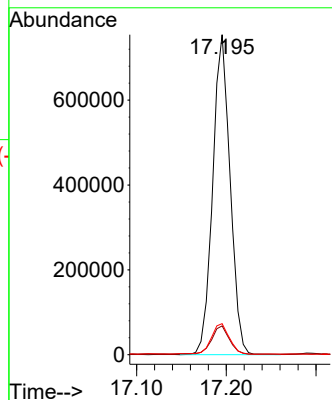
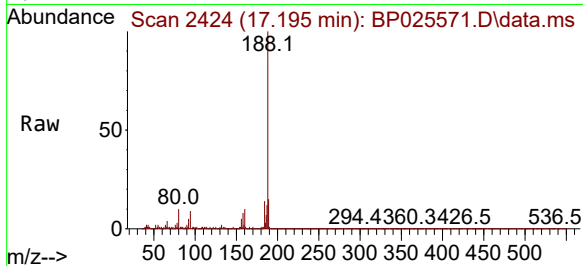




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

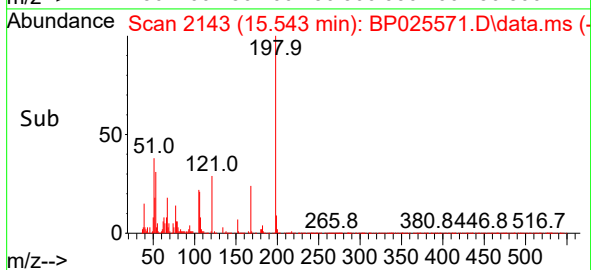
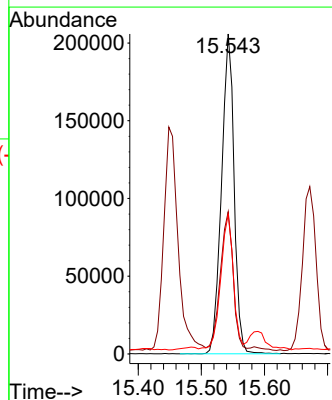
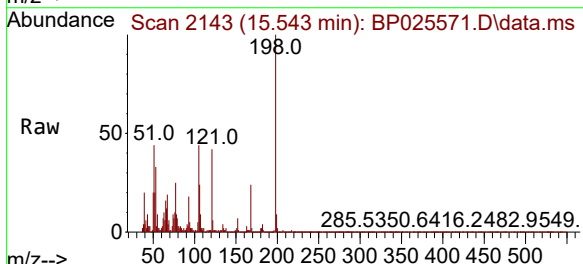
Instrument :
BNA_P
ClientSampleId :
4065MSD

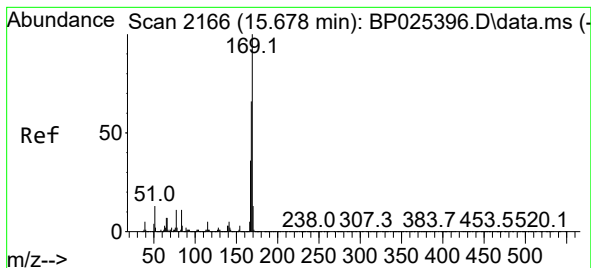
Tgt Ion:188 Resp: 1013171
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.7 6.7 10.1



#65
4,6-Dinitro-2-methylphenol
Concen: 45.267 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:198 Resp: 285886
Ion Ratio Lower Upper
198 100
51 44.5 19.6 59.6
105 43.6 20.9 60.9

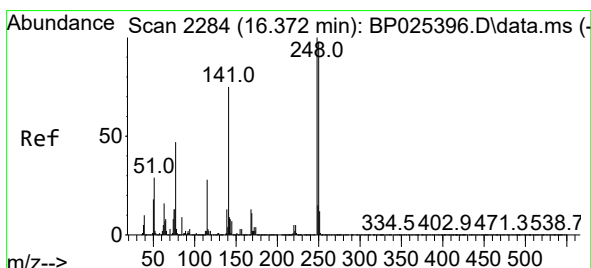
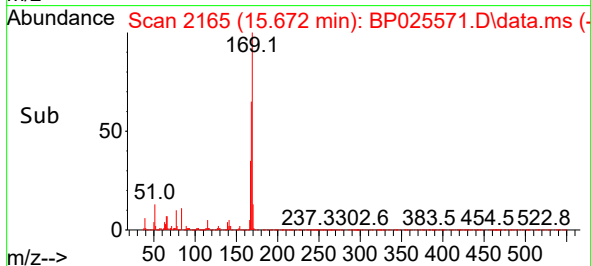
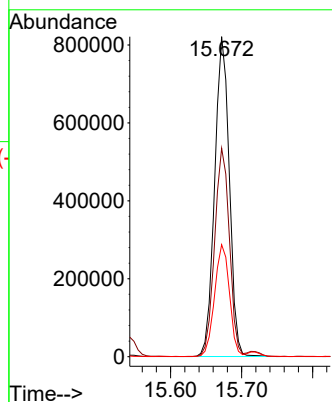
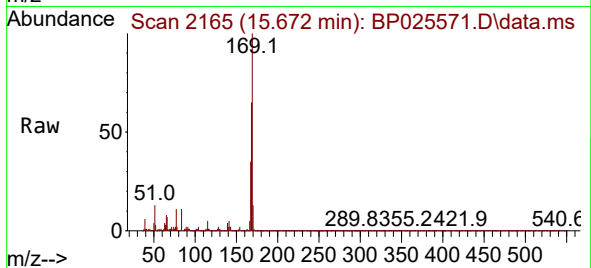




#66
 n-Nitrosodiphenylamine
 Concen: 38.033 ng
 RT: 15.672 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: BP025571.D
 Acq: 25 Aug 2025 19:11

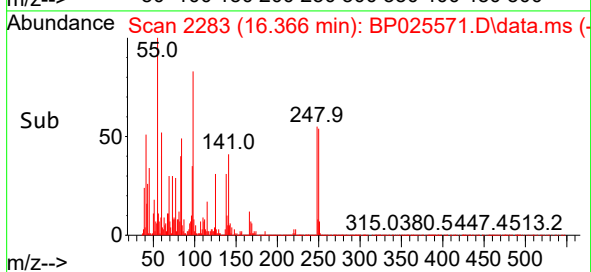
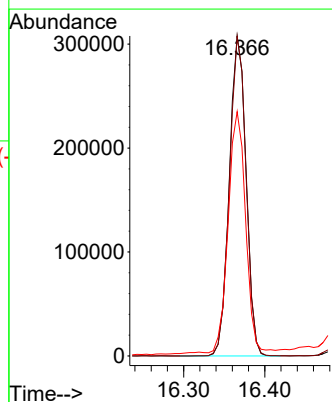
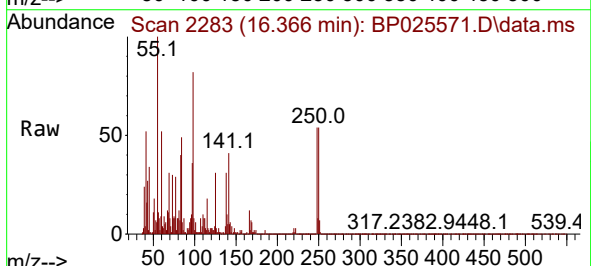
Instrument :
 BNA_P
 ClientSampleId :
 4065MSD

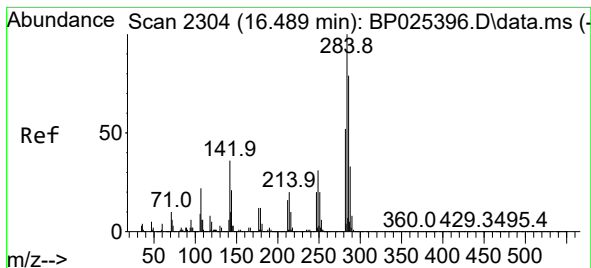
Tgt Ion:169 Resp: 1175060
 Ion Ratio Lower Upper
 169 100
 168 65.2 53.2 79.8
 167 35.0 28.7 43.1



#67
 4-Bromophenyl-phenylether
 Concen: 39.667 ng
 RT: 16.366 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BP025571.D
 Acq: 25 Aug 2025 19:11

Tgt Ion:248 Resp: 442013
 Ion Ratio Lower Upper
 248 100
 250 99.8 78.2 117.2
 141 76.4 59.6 89.4

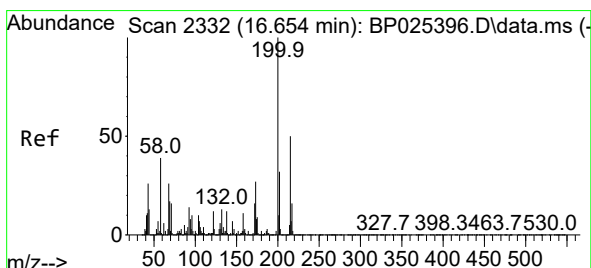
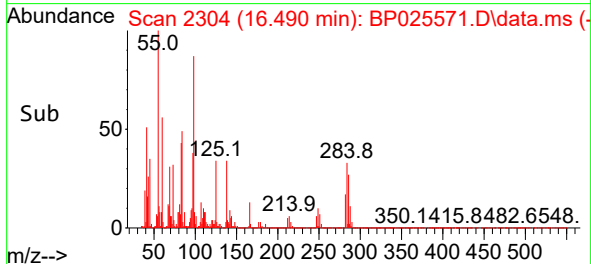
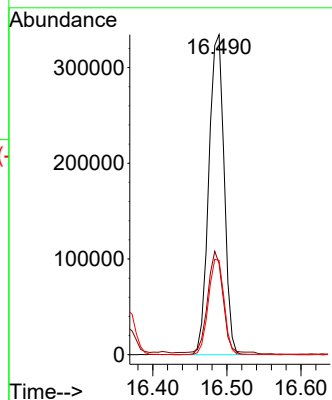
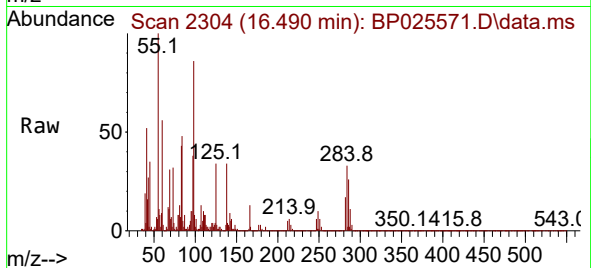




#68
Hexachlorobenzene
Concen: 37.060 ng
RT: 16.490 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

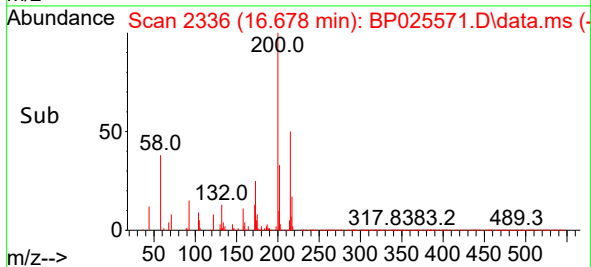
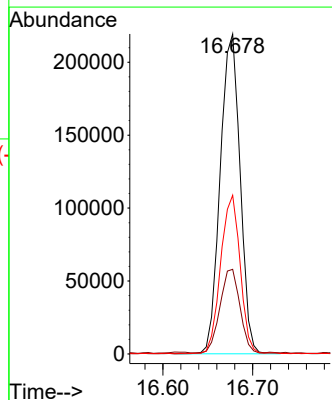
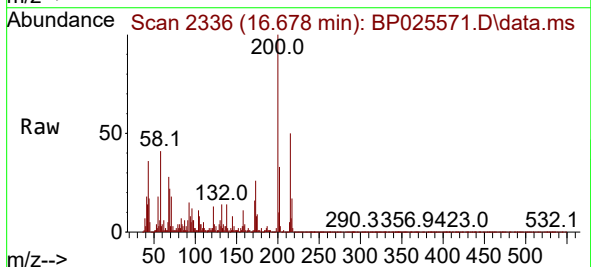
Instrument :
BNA_P
ClientSampleId :
4065MSD

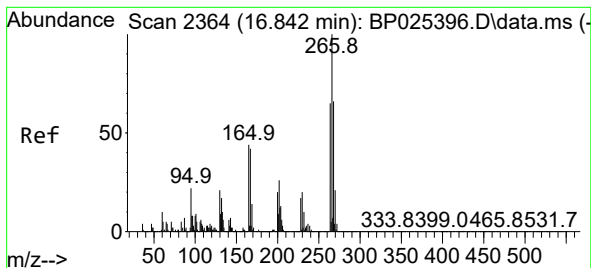
Tgt Ion:284 Resp: 478709
Ion Ratio Lower Upper
284 100
142 28.5 29.1 43.7#
249 29.5 25.0 37.4



#69
Atrazine
Concen: 29.143 ng
RT: 16.678 min Scan# 2336
Delta R.T. 0.024 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Tgt Ion:200 Resp: 337202
Ion Ratio Lower Upper
200 100
173 26.5 6.7 46.7
215 49.6 29.7 69.7





#70

Pentachlorophenol

Concen: 98.331 ng

RT: 16.848 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

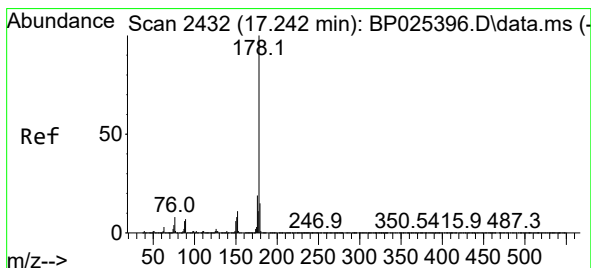
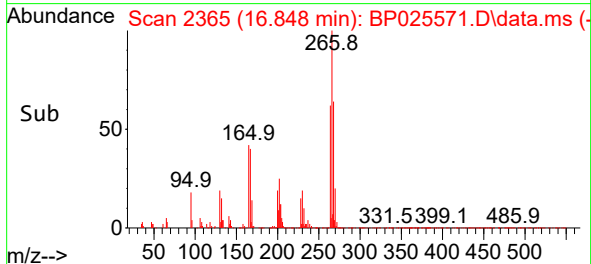
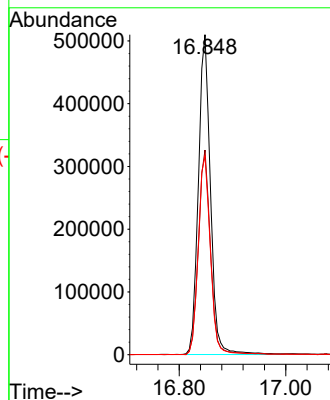
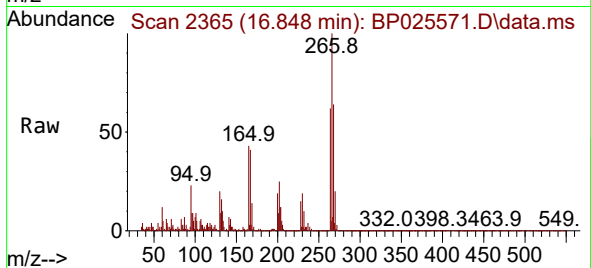
Tgt Ion:266 Resp: 801783

Ion Ratio Lower Upper

266 100

268 63.9 52.6 79.0

264 62.1 52.0 78.0



#71

Phenanthrene

Concen: 41.860 ng

RT: 17.237 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

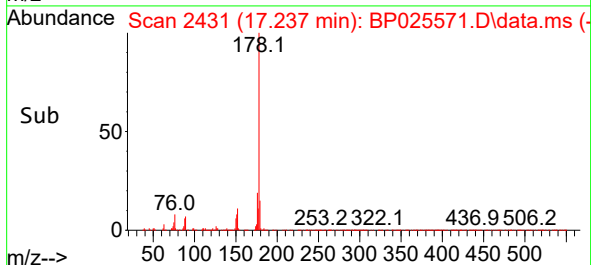
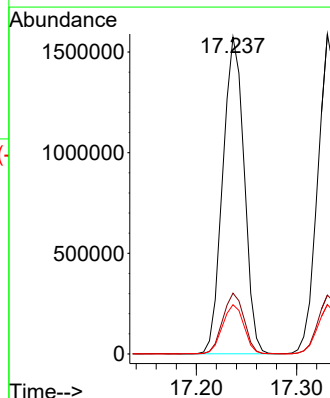
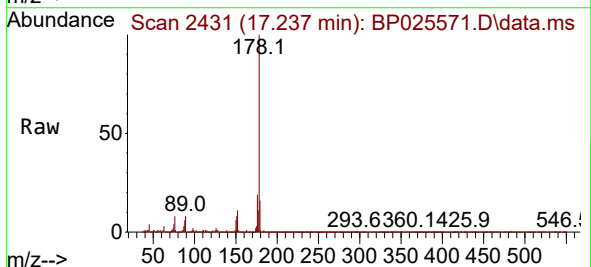
Tgt Ion:178 Resp: 2329798

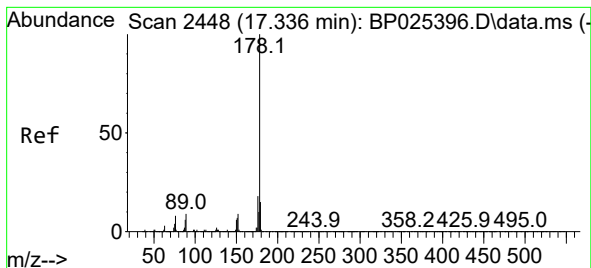
Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.6 12.2 18.4





#72

Anthracene

Concen: 40.939 ng

RT: 17.331 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

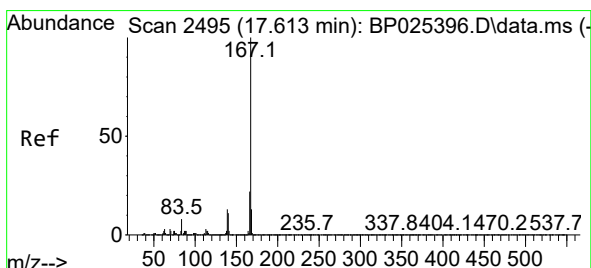
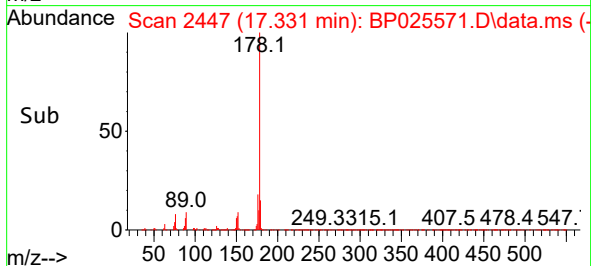
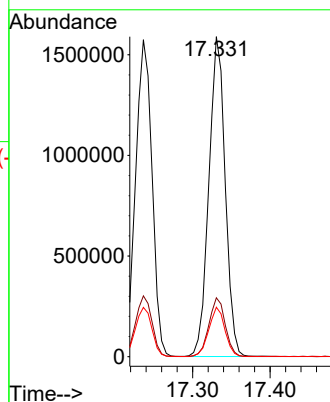
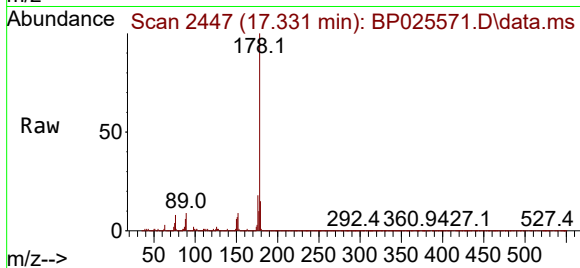
Tgt Ion:178 Resp: 2326849

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.4 12.2 18.2



#73

Carbazole

Concen: 43.448 ng

RT: 17.613 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

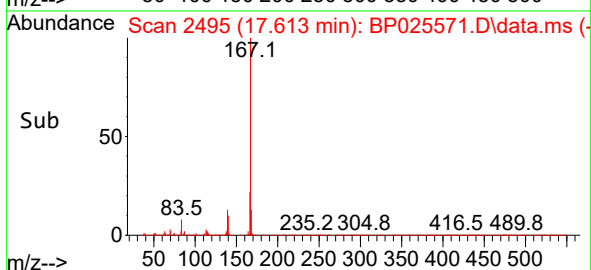
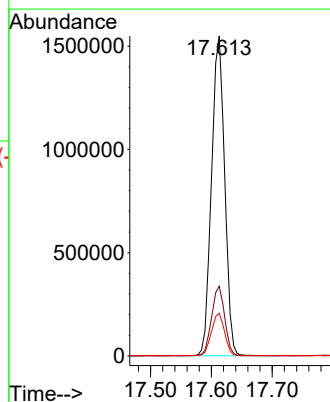
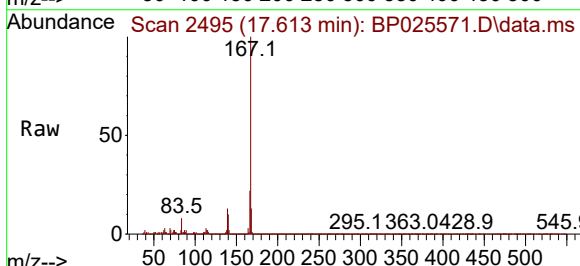
Tgt Ion:167 Resp: 2325998

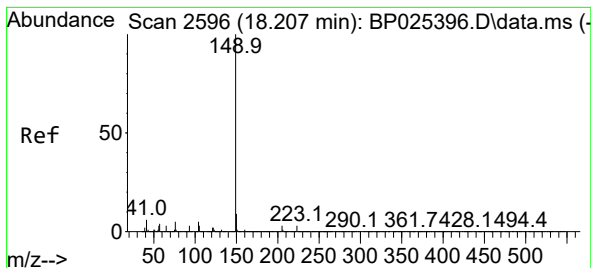
Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.4 10.6 16.0





#74

Di-n-butylphthalate

Concen: 44.844 ng

RT: 18.201 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

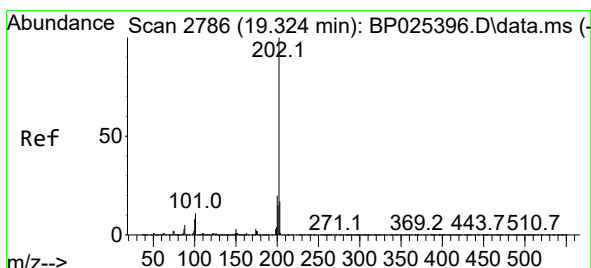
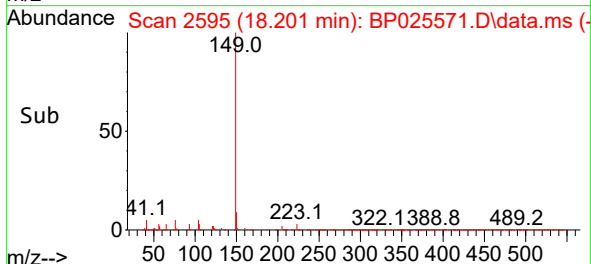
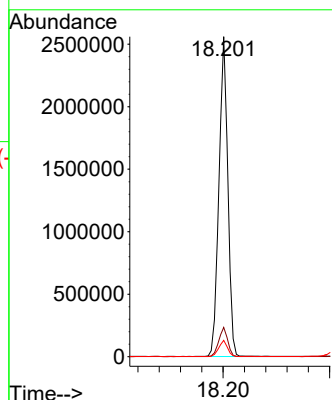
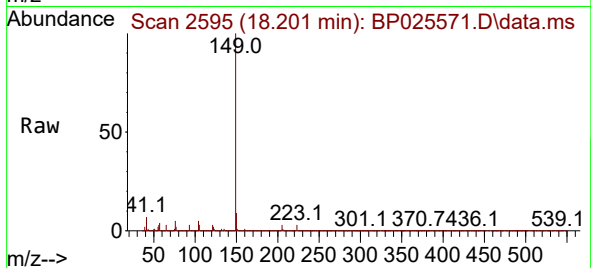
Tgt Ion:149 Resp: 2953712

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.2 6.2



#75

Fluoranthene

Concen: 41.566 ng

RT: 19.319 min Scan# 2785

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

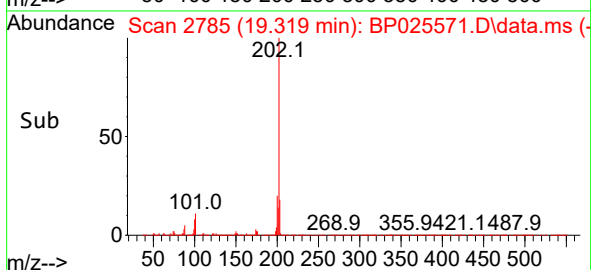
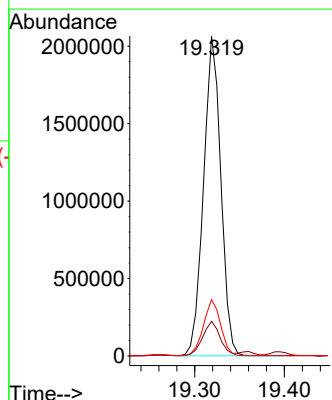
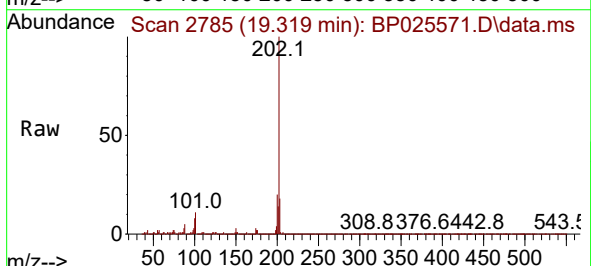
Tgt Ion:202 Resp: 2759518

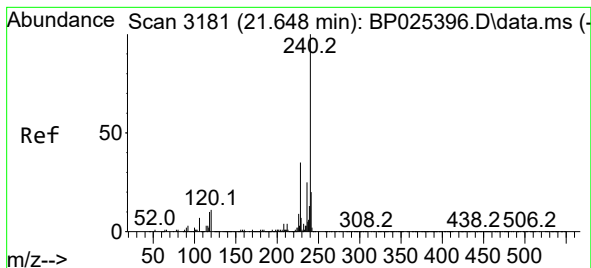
Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.1

203 17.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

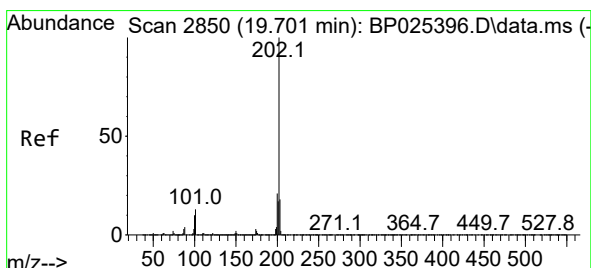
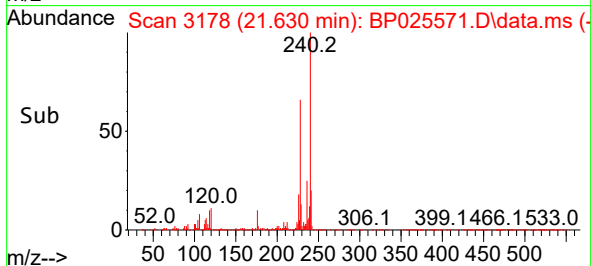
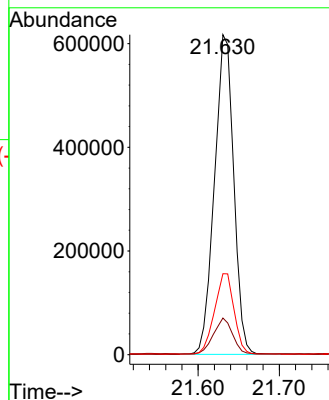
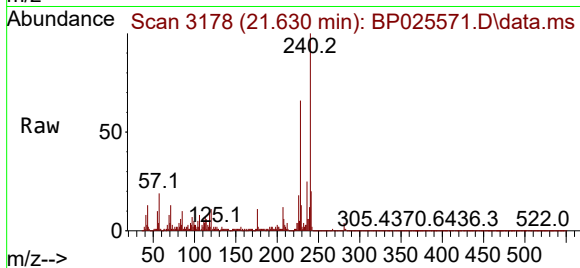
Tgt Ion:240 Resp: 1016398

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.3 19.8 29.8



#78

Pyrene

Concen: 42.903 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

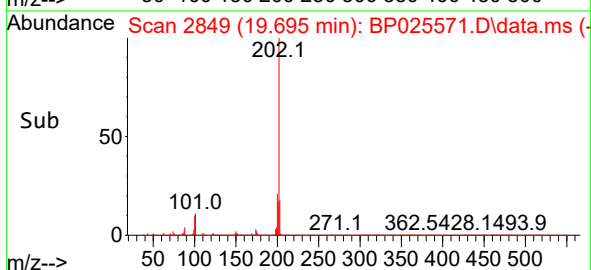
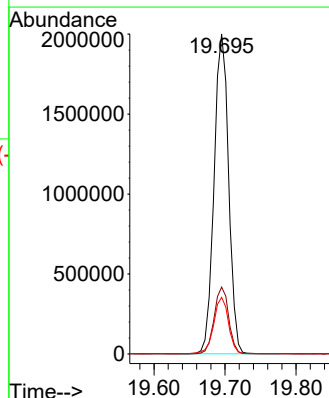
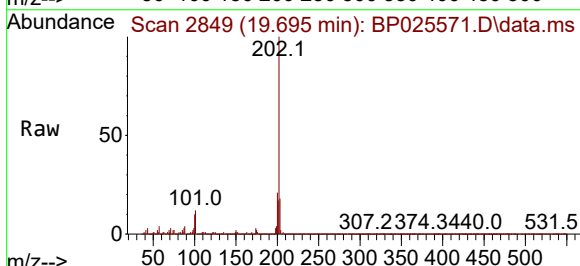
Tgt Ion:202 Resp: 2834295

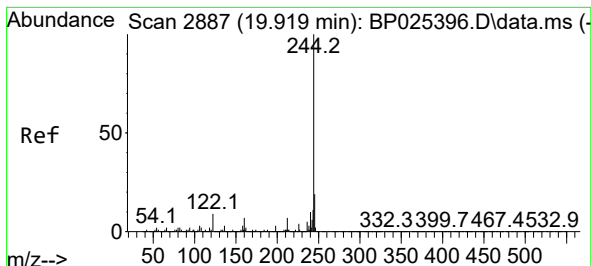
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 73.833 ng

RT: 19.925 min Scan# 2887

Delta R.T. 0.006 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

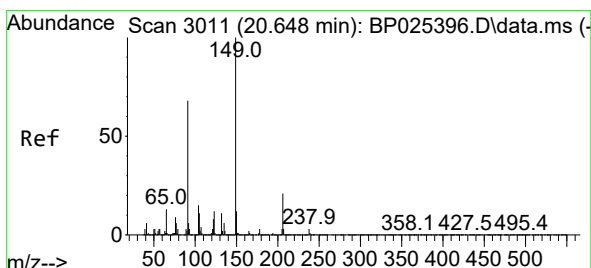
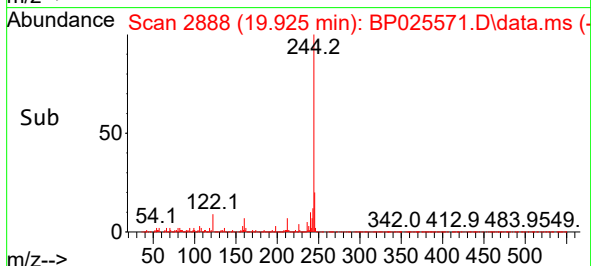
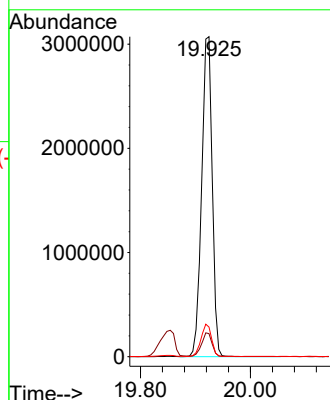
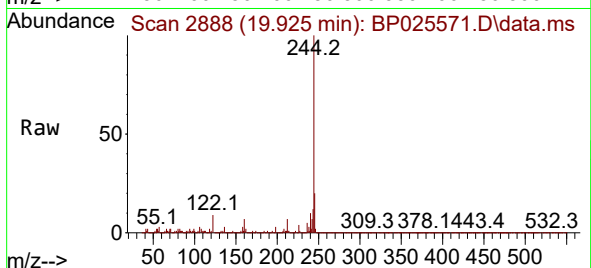
Tgt Ion:244 Resp: 4101725

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 44.084 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

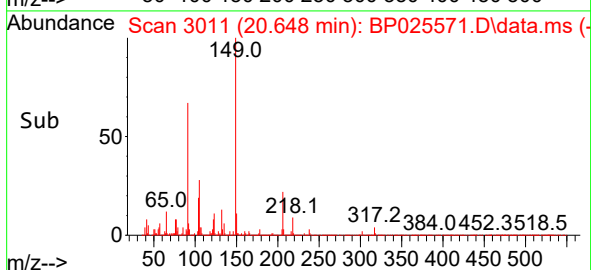
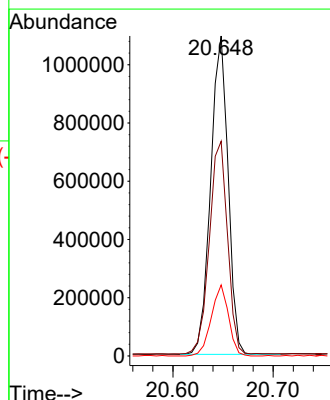
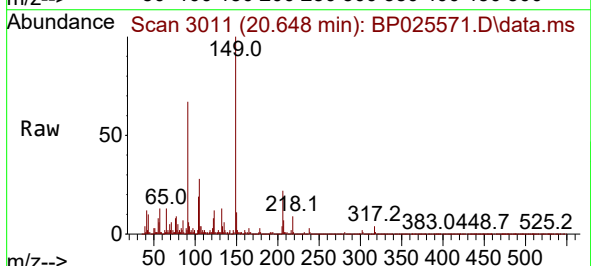
Tgt Ion:149 Resp: 1319884

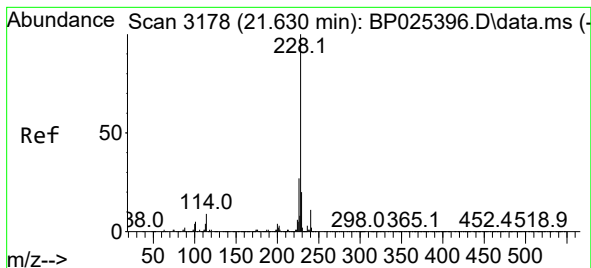
Ion Ratio Lower Upper

149 100

91 67.1 54.2 81.2

206 22.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 41.842 ng

RT: 21.613 min Scan# 3175

Delta R.T. -0.017 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

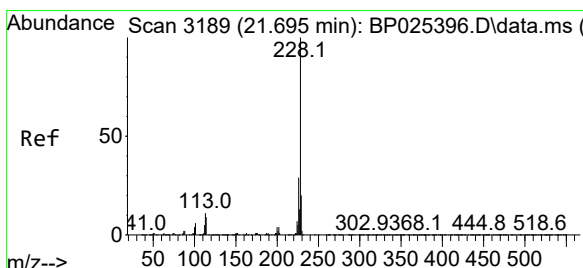
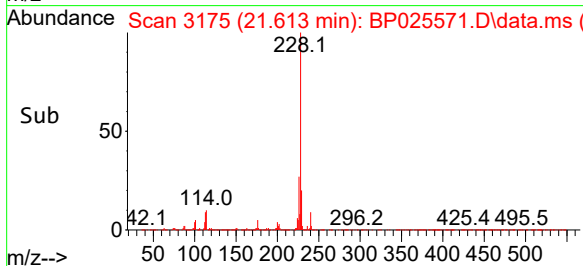
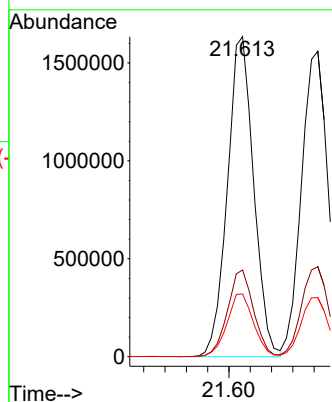
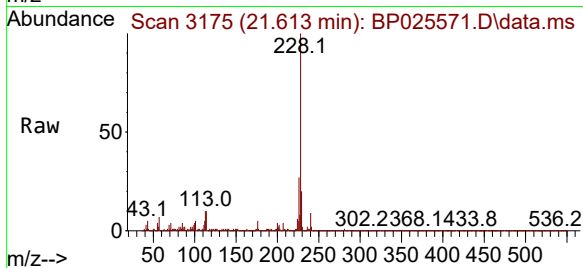
Tgt Ion:228 Resp: 2804714

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.6 15.6 23.4



#83

Chrysene

Concen: 42.469 ng

RT: 21.683 min Scan# 3187

Delta R.T. -0.012 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

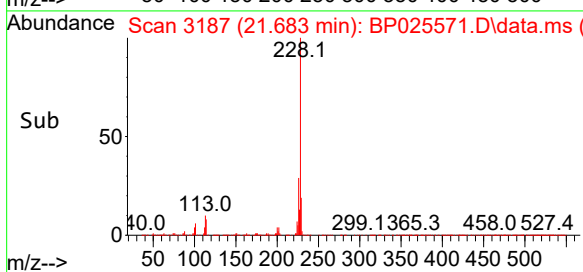
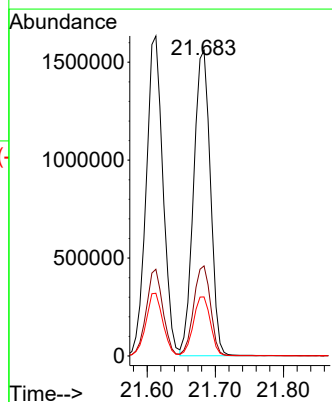
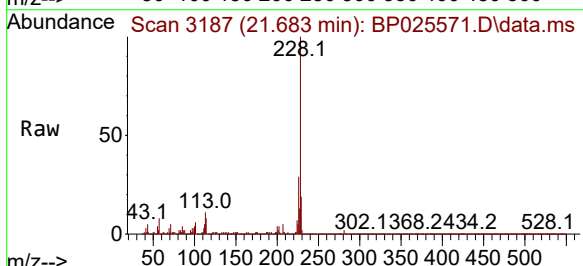
Tgt Ion:228 Resp: 2666019

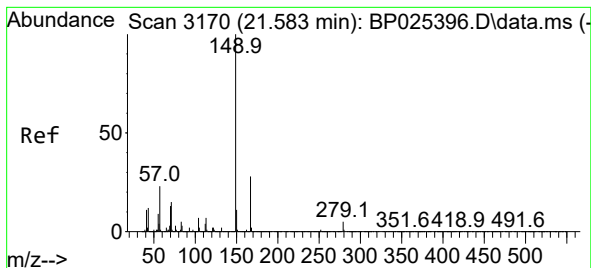
Ion Ratio Lower Upper

228 100

226 29.5 23.2 34.8

229 19.3 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.078 ng

RT: 21.548 min Scan# 3170

Delta R.T. -0.035 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

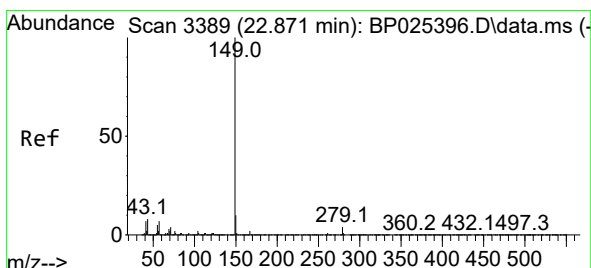
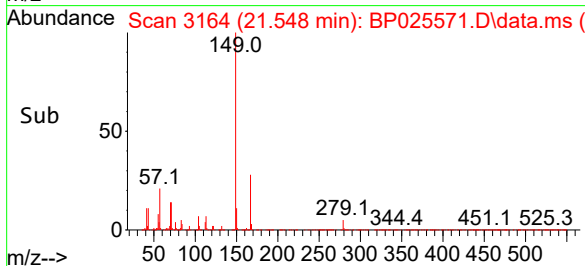
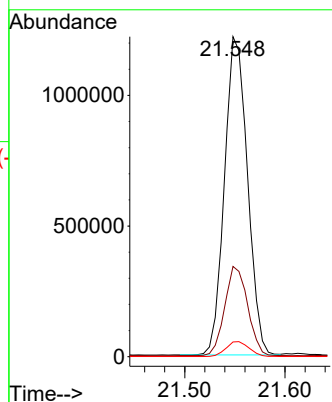
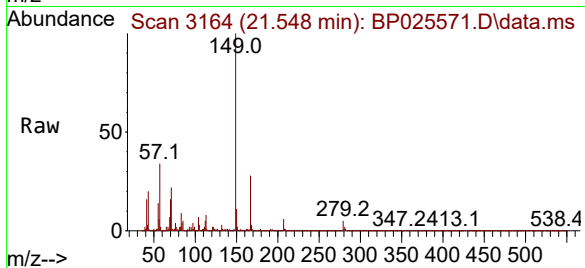
Tgt Ion:149 Resp: 1942675

Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 4.6 3.8 5.6



#85

Di-n-octyl phthalate

Concen: 44.870 ng

RT: 22.836 min Scan# 3383

Delta R.T. -0.035 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

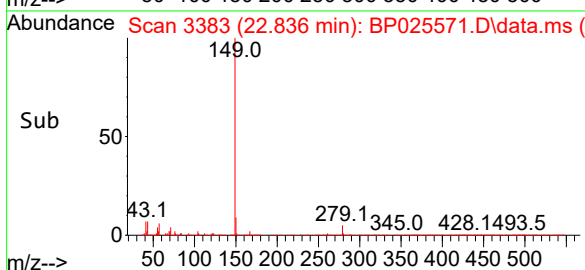
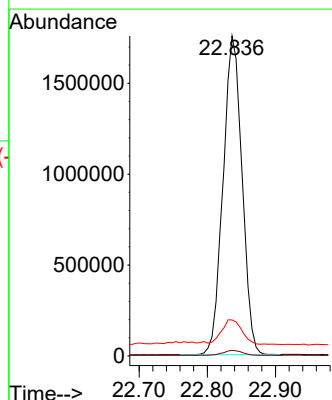
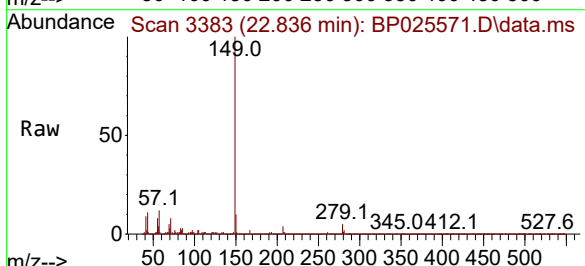
Tgt Ion:149 Resp: 3401561

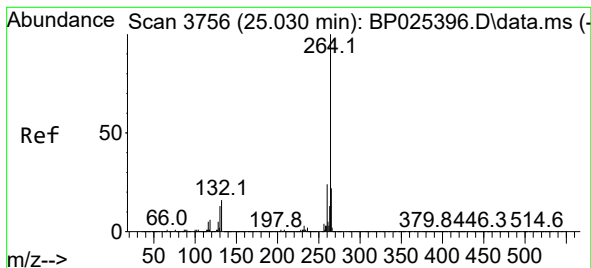
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

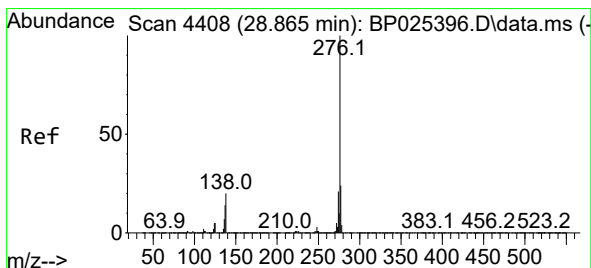
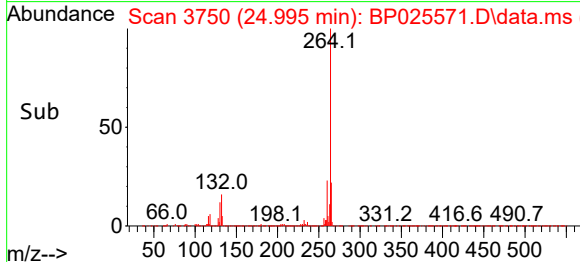
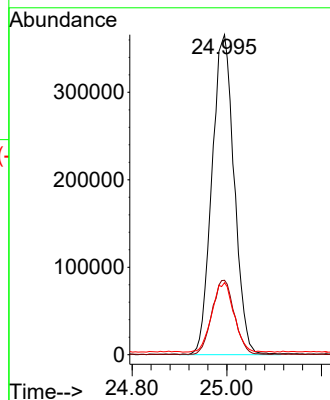
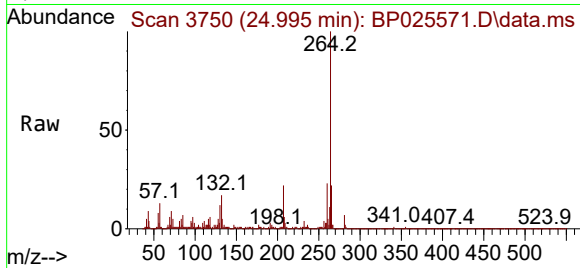
Tgt Ion:264 Resp: 1190080

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.5 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 43.374 ng

RT: 28.830 min Scan# 4402

Delta R.T. -0.035 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

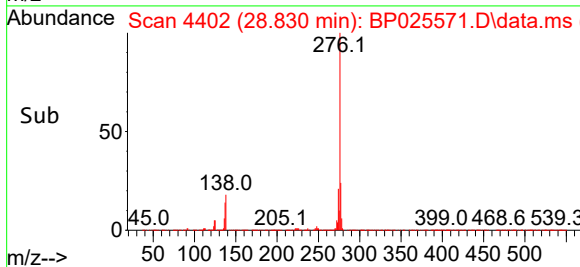
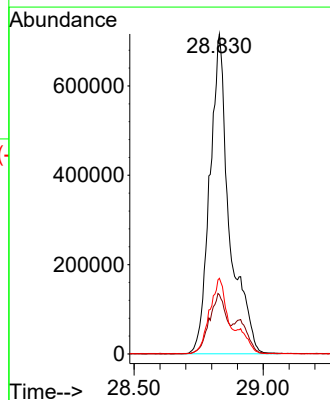
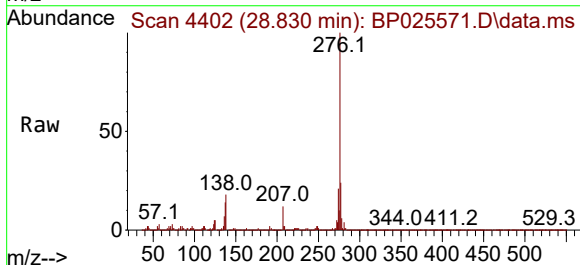
Tgt Ion:276 Resp: 3785477

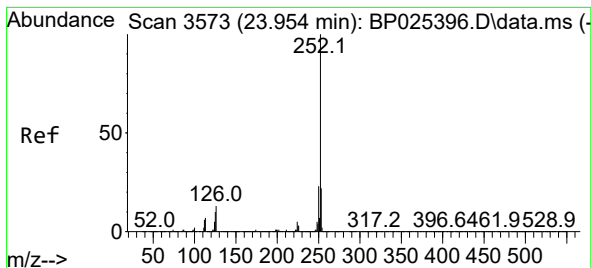
Ion Ratio Lower Upper

276 100

138 16.6 12.9 19.3

277 21.4 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 41.191 ng

RT: 23.936 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

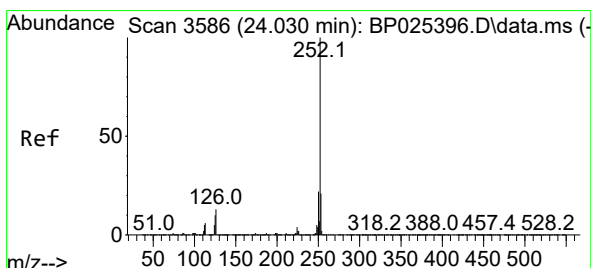
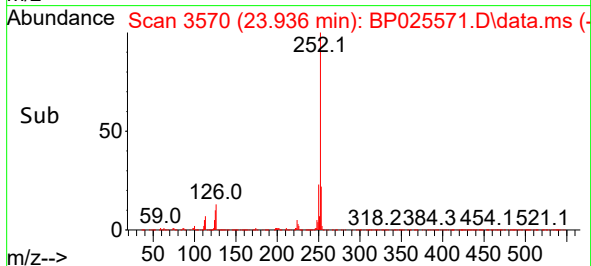
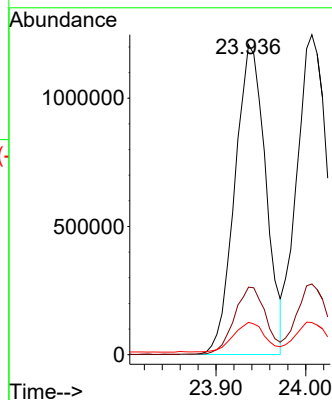
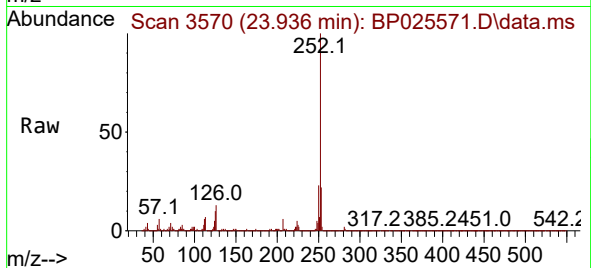
Tgt Ion:252 Resp: 2890615

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.4 7.9 11.9



#89

Benzo(k)fluoranthene

Concen: 42.007 ng

RT: 24.007 min Scan# 3582

Delta R.T. -0.023 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

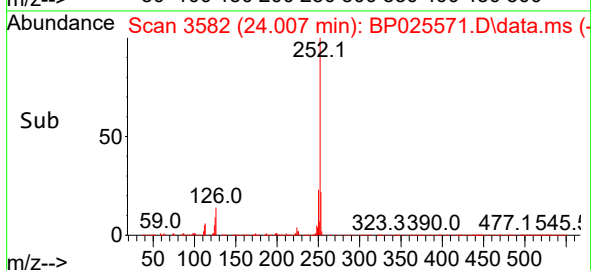
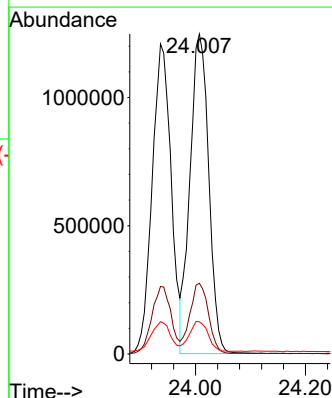
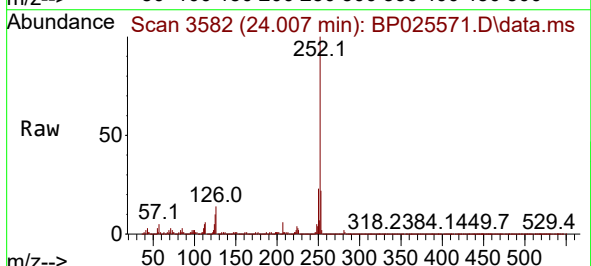
Tgt Ion:252 Resp: 2949871

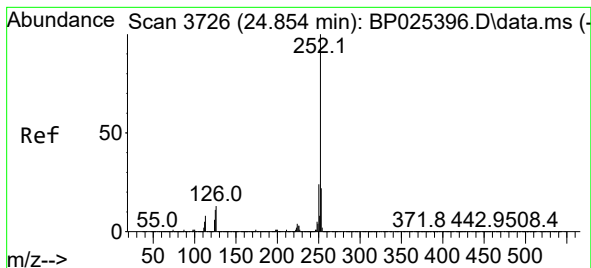
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.0 7.8 11.6





#90

Benzo(a)pyrene

Concen: 39.481 ng

RT: 24.836 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

Instrument :

BNA_P

ClientSampleId :

4065MSD

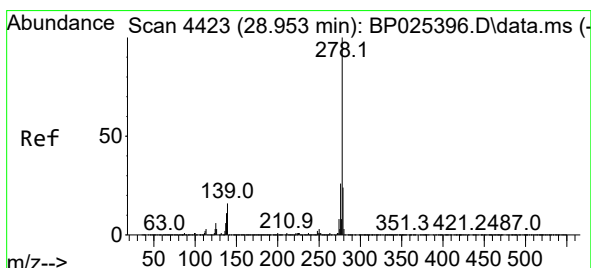
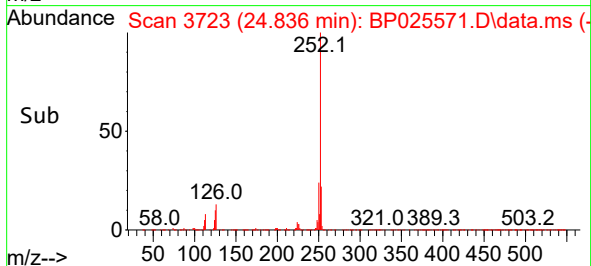
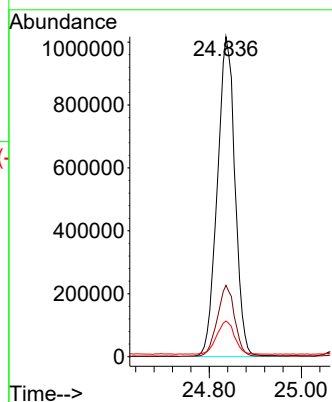
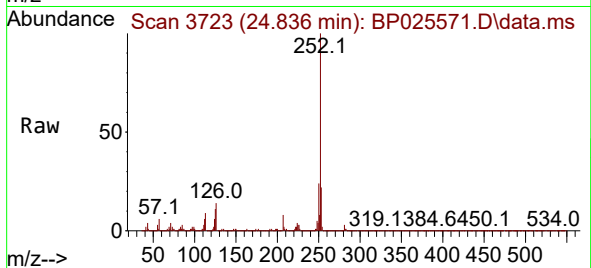
Tgt Ion:252 Resp: 2696970

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.1 8.7 13.1



#91

Dibenzo(a,h)anthracene

Concen: 43.648 ng

RT: 28.912 min Scan# 4416

Delta R.T. -0.041 min

Lab File: BP025571.D

Acq: 25 Aug 2025 19:11

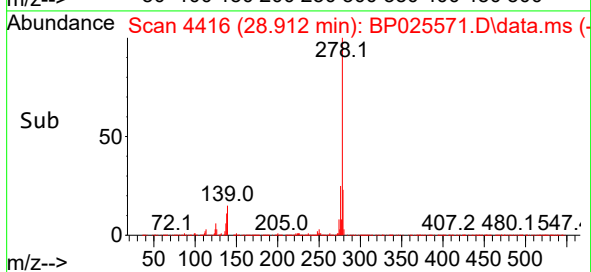
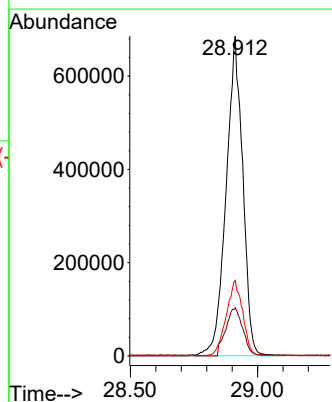
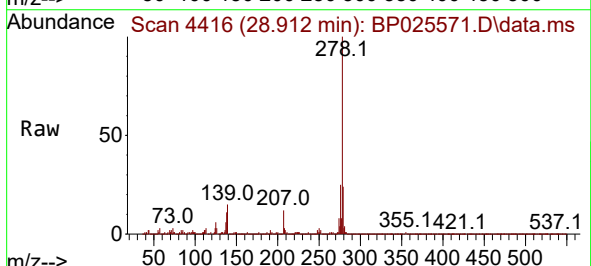
Tgt Ion:278 Resp: 3113071

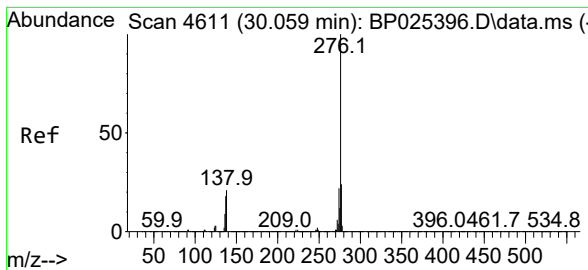
Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

279 23.6 19.4 29.2





#92
Benzo(g,h,i)perylene
Concen: 43.605 ng
RT: 30.006 min Scan# 40
Delta R.T. -0.053 min
Lab File: BP025571.D
Acq: 25 Aug 2025 19:11

Instrument :
BNA_P
ClientSampleId :
4065MSD

Tgt Ion:276 Resp: 3057055
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 20.4 16.7 25.1

