

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024885.D
 Acq On : 09 Jun 2025 20:18
 Operator : RC/JU
 Sample : Q2240-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Jun 10 01:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	144063	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	615328	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	468000	20.000	ng	0.01
64) Phenanthrene-d10	17.060	188	1007387	20.000	ng	# 0.00
76) Chrysene-d12	21.472	240	1537817	20.000	ng	-0.01
86) Perylene-d12	24.724	264	1886701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	632702	73.309	ng	0.00
7) Phenol-d6	6.814	99	887846	77.750	ng	0.00
23) Nitrobenzene-d5	8.761	82	597098	47.153	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	630988	97.520	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	1390972	40.039	ng	0.00
79) Terphenyl-d14	19.784	244	3520676	41.032	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.702	117	245290	59.159	ng	# 1
19) n-Nitroso-di-n-propyla...	8.361	70	20625	2.657	ng	# 73
24) Nitrobenzene	8.778	77	42978	3.820	ng	# 38
25) Isophorone	9.302	82	239082	10.894	ng	# 1
26) 2-Nitrophenol	9.502	139	19032	3.429	ng	# 1
31) Naphthalene	10.431	128	198628	6.299	ng	# 48
35) Caprolactam	11.313	113	20755	6.186	ng	# 1
36) 4-Chloro-3-methylphenol	11.672	107	43543	4.142	ng	# 30
37) 2-Methylnaphthalene	12.049	142	409098	20.453	ng	# 93
38) 1-Methylnaphthalene	12.272	142	230515	10.779	ng	# 91
44) 2,4,5-Trichlorophenol	12.784	196	20304	2.126	ng	# 1
48) 2-Nitroaniline	13.354	65	25272	3.145	ng	# 1
49) Acenaphthylene	13.984	152	426688	9.790	ng	# 1
51) 2,6-Dinitrotoluene	13.872	165	106743	14.342	ng	# 49
52) Acenaphthene	14.325	154	496106	19.864	ng	# 88
53) 3-Nitroaniline	14.160	138	108117	13.998	ng	# 27
54) 2,4-Dinitrophenol	14.378	184	7193	6.944	ng	# 1
55) Dibenzofuran	14.666	168	525116	13.098	ng	# 1
56) 4-Nitrophenol	14.560	139	114925	21.797	ng	# 31
57) 2,4-Dinitrotoluene	14.672	165	272296	26.155	ng	# 60
58) Fluorene	15.325	166	1107959	34.211	ng	# 79
63) Azobenzene	15.643	77	265530	8.415	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.460	198	24778	3.743	ng	# 1
66) n-Nitrosodiphenylamine	15.548	169	2124475	68.039	ng	# 46
71) Phenanthrene	17.101	178	3961867	71.168	ng	# 95
72) Anthracene	17.195	178	361335	6.409	ng	# 65
75) Fluoranthene	19.184	202	1440866	22.331	ng	95
78) Pyrene	19.560	202	2176072	22.650	ng	97
81) Benzo(a)anthracene	21.454	228	765910	7.787	ng	# 89
83) Chrysene	21.519	228	868309	9.317	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.395	149	135011	2.141	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.401	276	519787	3.776	ng	97
88) Benzo(b)fluoranthene	23.695	252	969779	8.981	ng	# 94
89) Benzo(k)fluoranthene	23.695	252	969779	8.823	ng	# 94
90) Benzo(a)pyrene	24.560	252	722145	6.848	ng	# 93
92) Benzo(g,h,i)perylene	29.542	276	532023	4.785	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

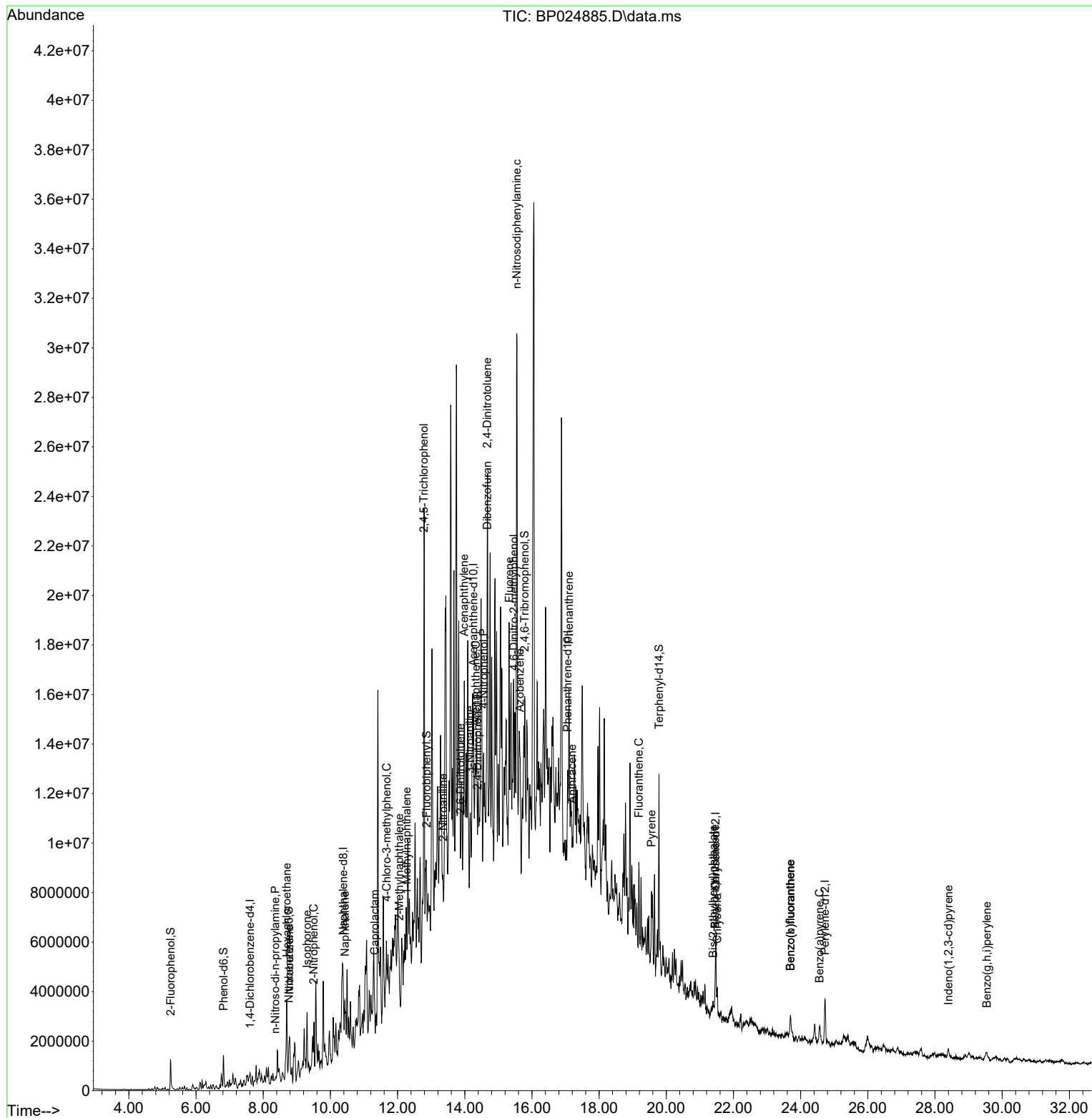
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

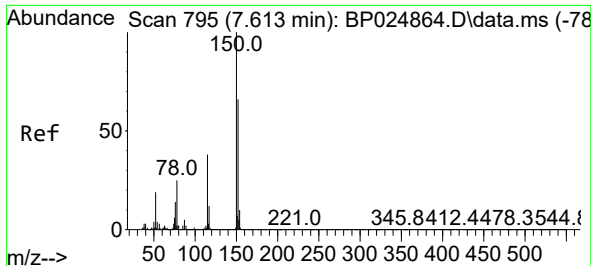
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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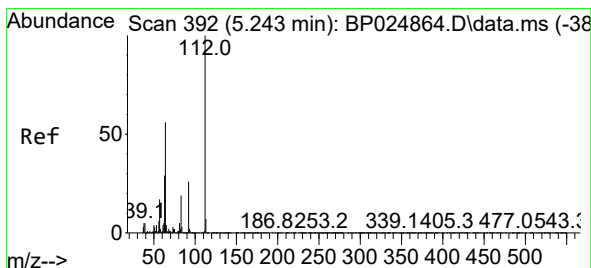
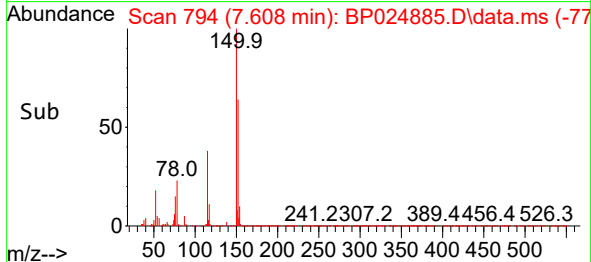
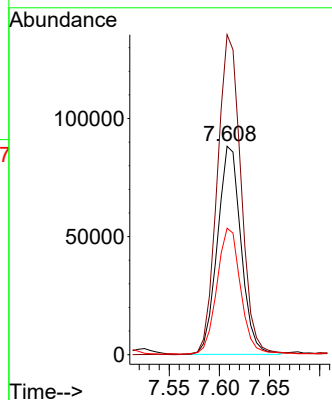
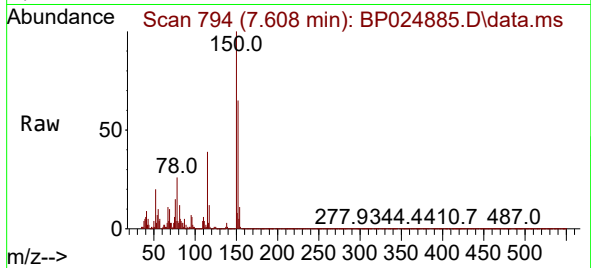




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

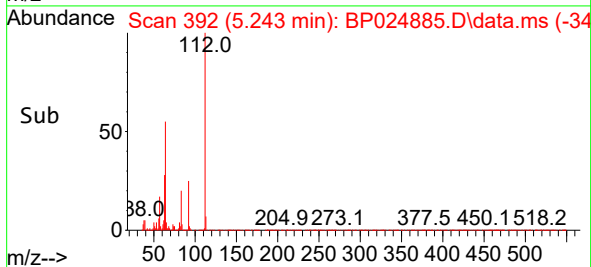
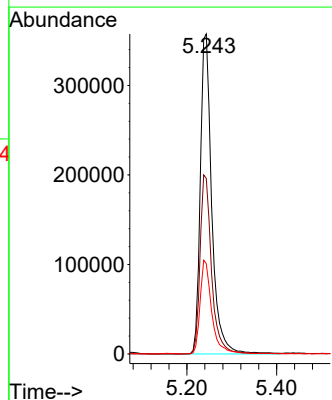
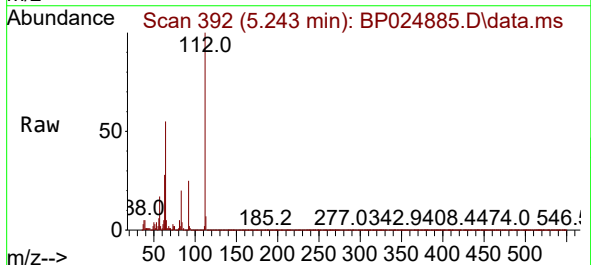
Instrument :
BNA_P
ClientSampleId :
TP-3

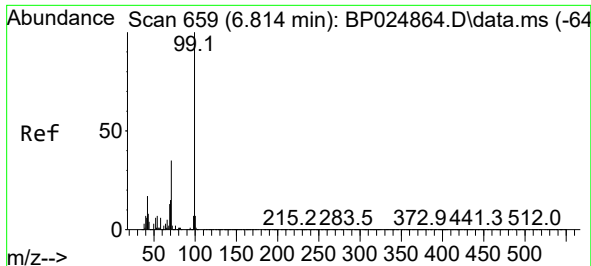
Tgt Ion:152 Resp: 144063
Ion Ratio Lower Upper
152 100
150 153.4 122.1 183.1
115 60.6 46.4 69.6



#5
2-Fluorophenol
Concen: 73.309 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion:112 Resp: 632702
Ion Ratio Lower Upper
112 100
64 54.9 44.7 67.1
63 28.2 23.5 35.3

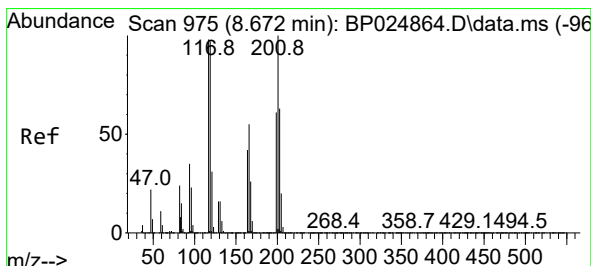
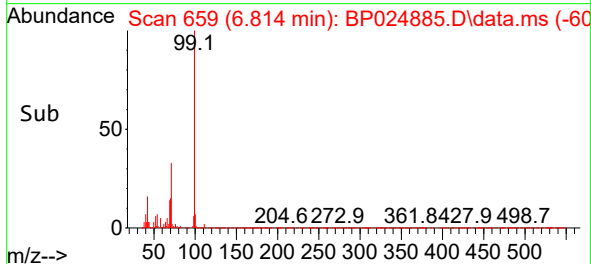
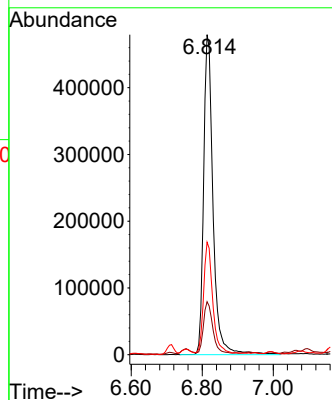
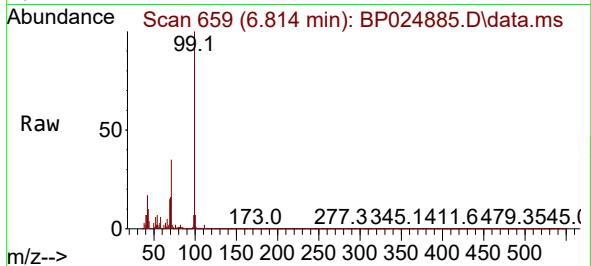




#7
Phenol-d6
Concen: 77.750 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

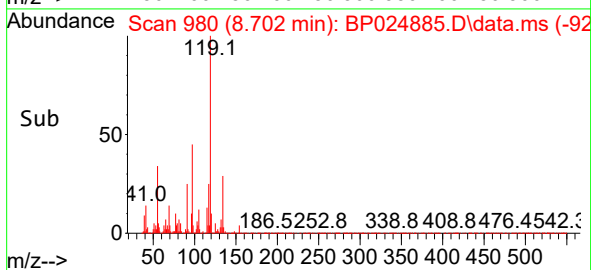
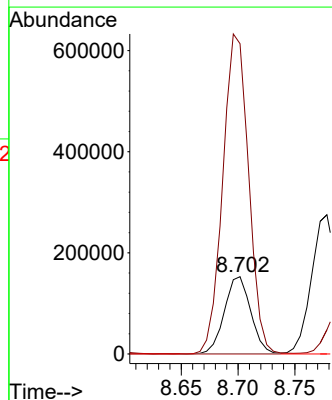
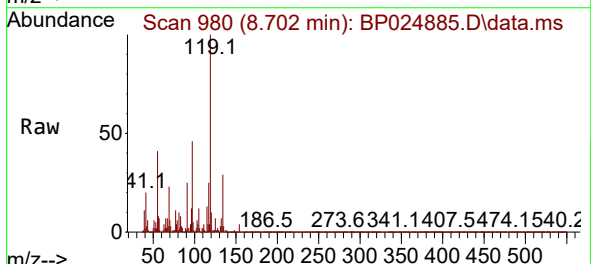
Instrument :
BNA_P
ClientSampleId :
TP-3

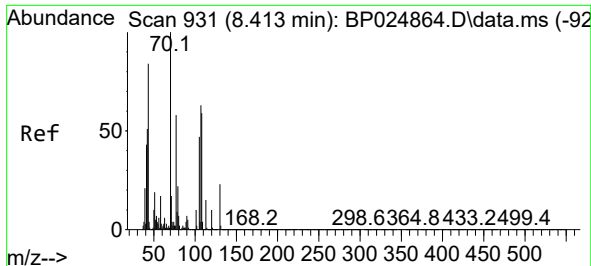
Tgt Ion: 99 Resp: 887846
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 35.1 27.6 41.4



#18
Hexachloroethane
Concen: 59.159 ng
RT: 8.702 min Scan# 980
Delta R.T. 0.030 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

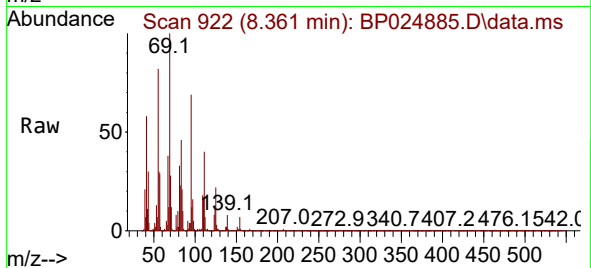
Tgt Ion: 117 Resp: 245290
Ion Ratio Lower Upper
117 100
119 401.1 79.4 119.2#
201 0.0 81.4 122.2#



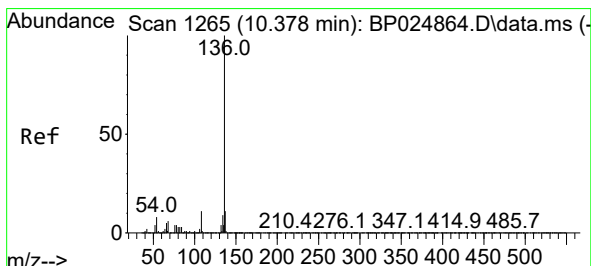
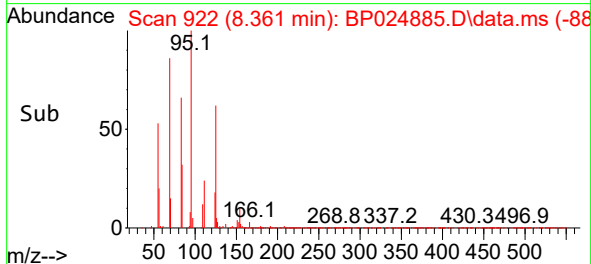
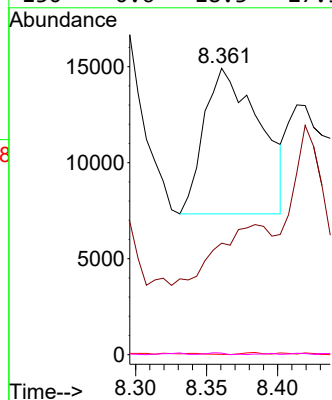


#19
n-Nitroso-di-n-propylamine
Concen: 2.657 ng
RT: 8.361 min Scan# 91
Delta R.T. -0.053 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Instrument :
BNA_P
ClientSampleId :
TP-3

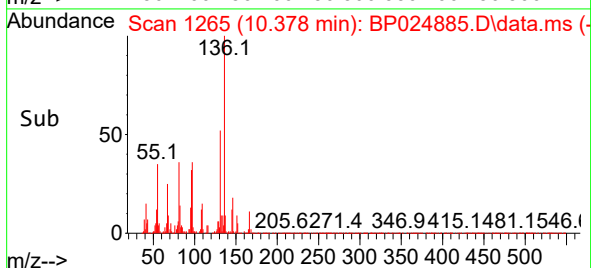
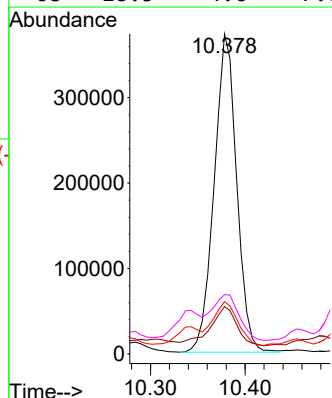
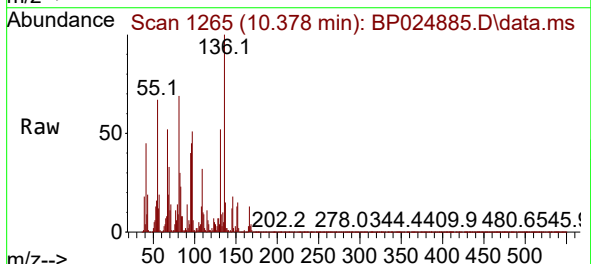


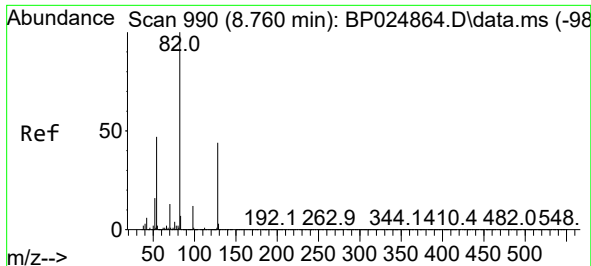
Tgt Ion: 70 Resp: 20625
Ion Ratio Lower Upper
70 100
42 38.9 41.2 61.8#
101 0.1 8.3 12.5#
130 0.6 18.3 27.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion: 136 Resp: 615328
Ion Ratio Lower Upper
136 100
137 14.8 8.9 13.3#
54 16.4 6.1 9.1#
68 18.5 4.6 7.0#

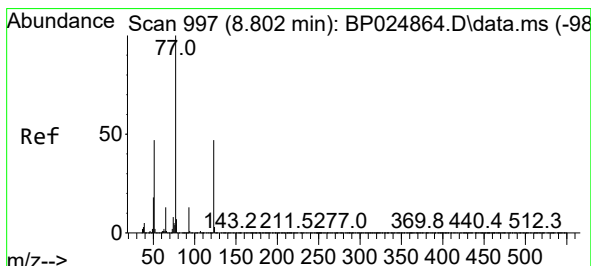
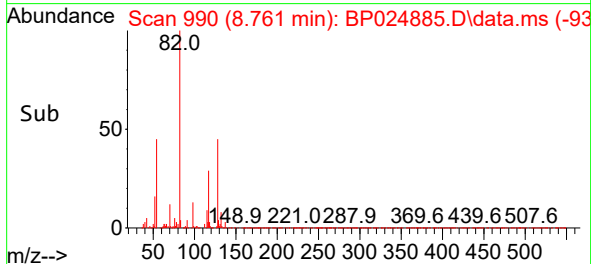
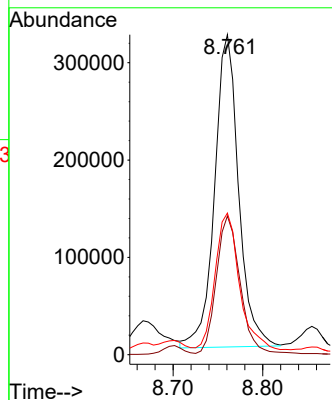
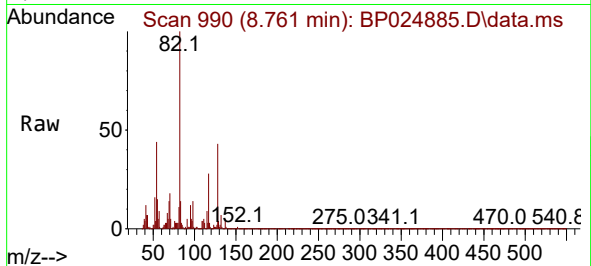




#23
Nitrobenzene-d5
Concen: 47.153 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

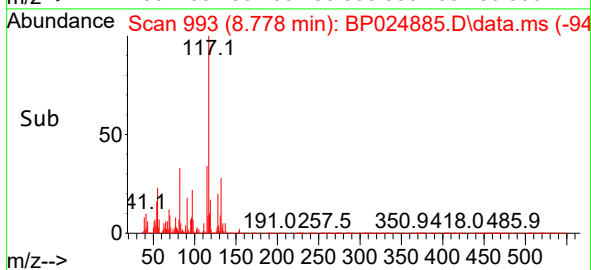
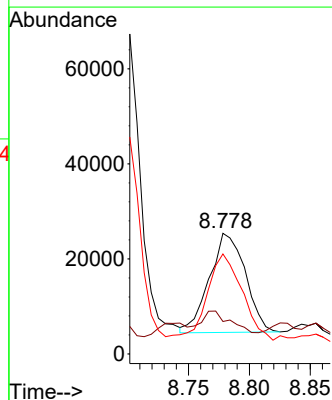
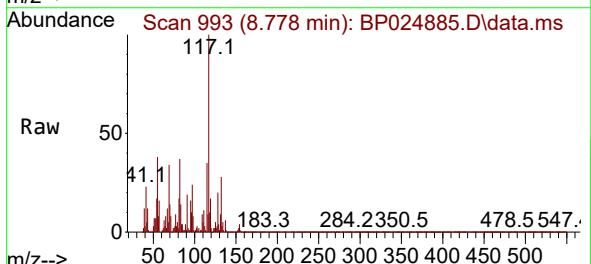
Instrument :
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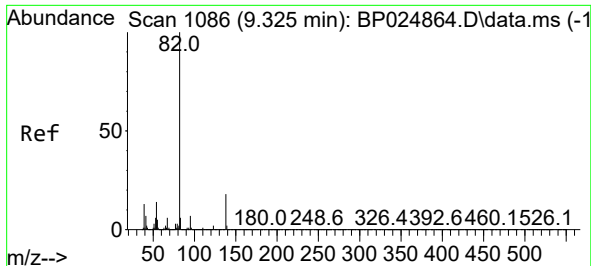
Tgt Ion: 82 Resp: 597098
Ion Ratio Lower Upper
82 100
128 43.4 35.3 52.9
54 44.3 37.4 56.0



#24
Nitrobenzene
Concen: 3.820 ng
RT: 8.778 min Scan# 993
Delta R.T. -0.023 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion: 77 Resp: 42978
Ion Ratio Lower Upper
77 100
123 27.0 37.3 55.9#
65 82.9 10.8 16.2#

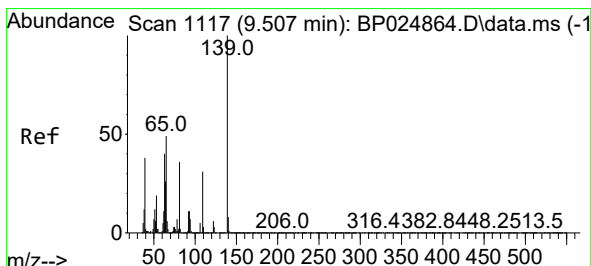
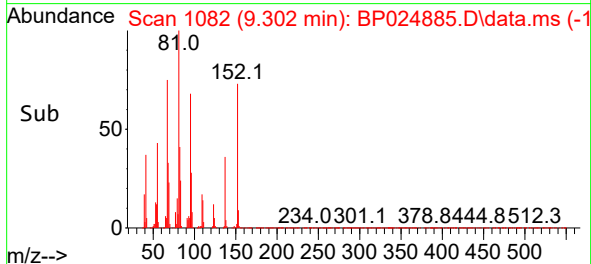
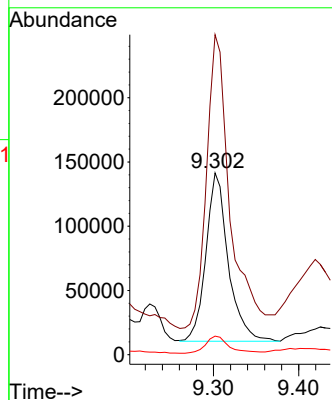
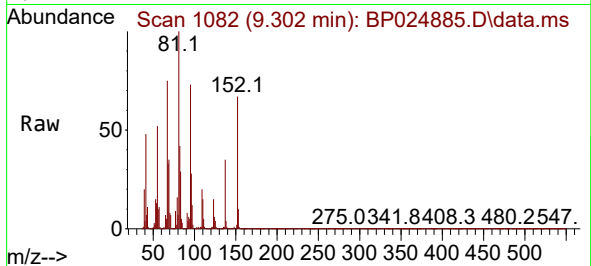




#25
Isophorone
Concen: 10.894 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.023 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

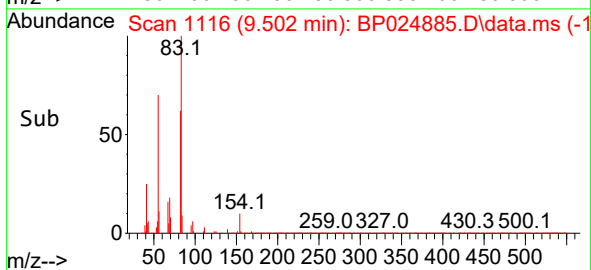
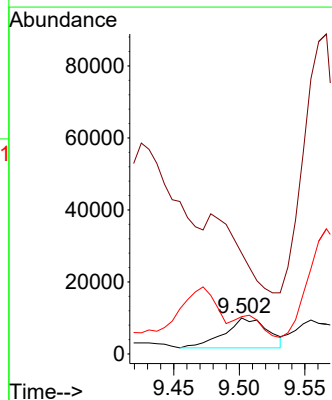
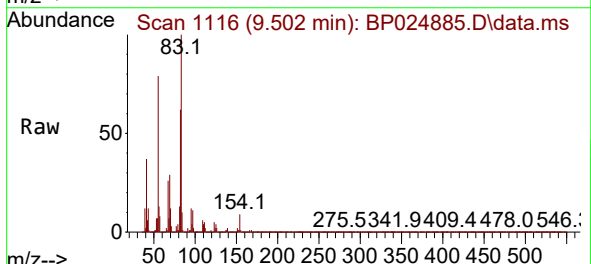
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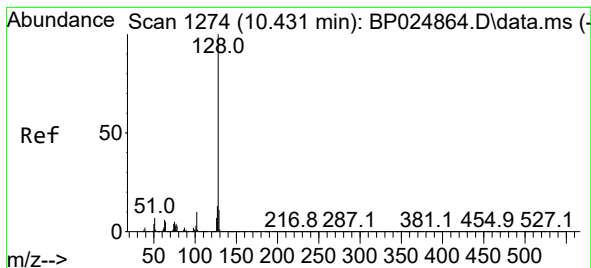
Tgt Ion: 82 Resp: 239082
Ion Ratio Lower Upper
82 100
95 176.0 5.9 8.9#
138 10.2 14.6 21.8#



#26
2-Nitrophenol
Concen: 3.429 ng
RT: 9.502 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion:139 Resp: 19032
Ion Ratio Lower Upper
139 100
109 280.5 24.6 37.0#
65 103.7 39.5 59.3#





#31

Naphthalene

Concen: 6.299 ng

RT: 10.431 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNP_P

ClientSampleId :

TP-3

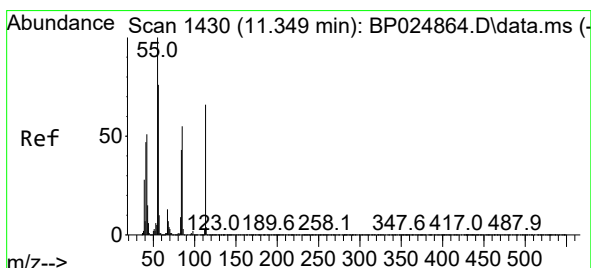
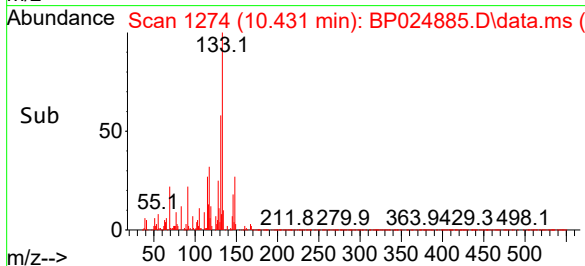
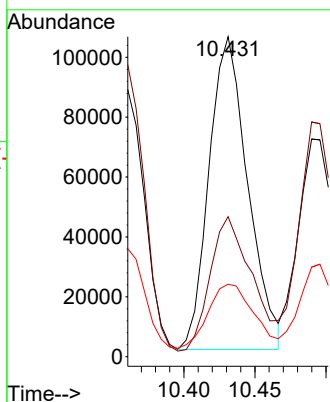
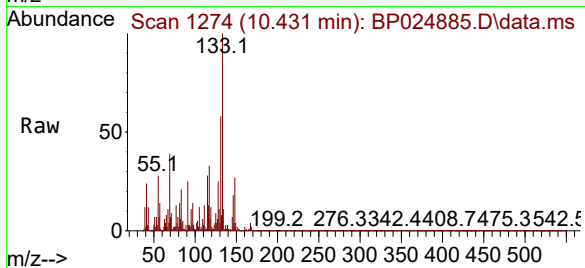
Tgt Ion:128 Resp: 198628

Ion Ratio Lower Upper

128 100

129 43.7 8.7 13.1#

127 22.7 10.7 16.1#



#35

Caprolactam

Concen: 6.186 ng

RT: 11.313 min Scan# 1424

Delta R.T. -0.035 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

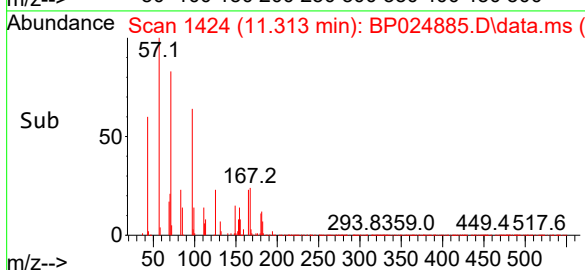
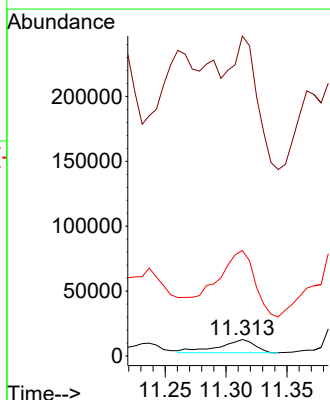
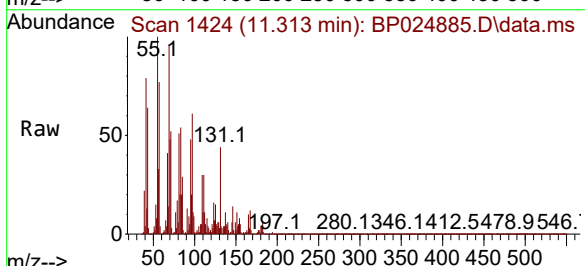
Tgt Ion:113 Resp: 20755

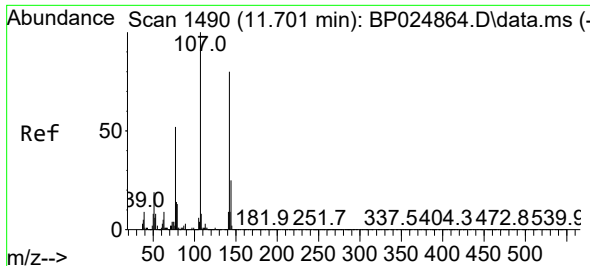
Ion Ratio Lower Upper

113 100

55 1946.5 132.5 172.5#

56 641.0 96.0 136.0#

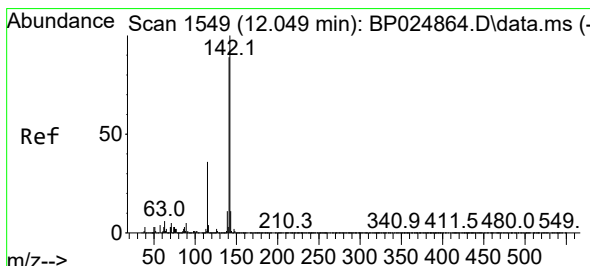
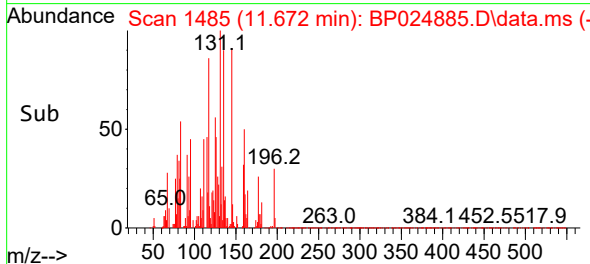
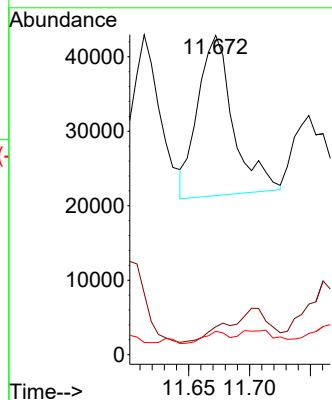
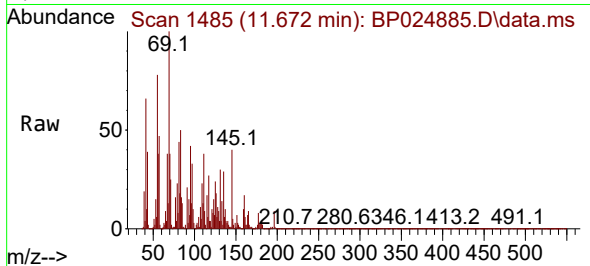




#36
4-Chloro-3-methylphenol
Concen: 4.142 ng
RT: 11.672 min Scan# 1485
Delta R.T. -0.029 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

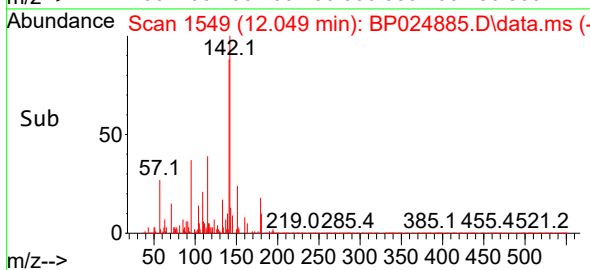
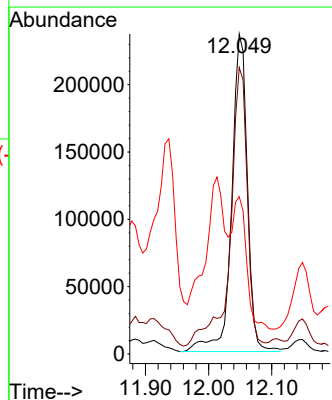
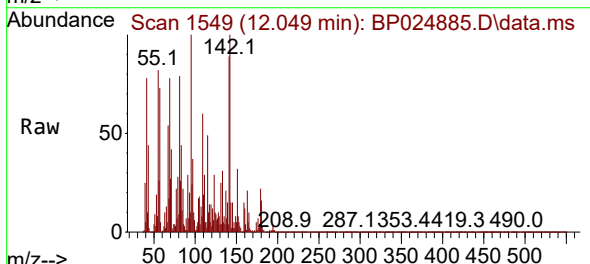
Instrument :
BNA_P
ClientSampleId :
TP-3

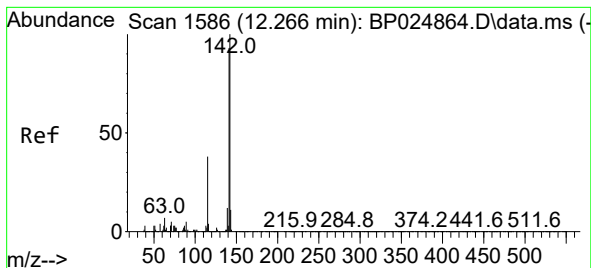
Tgt Ion:107 Resp: 43543
Ion Ratio Lower Upper
107 100
144 8.8 20.4 30.6#
142 7.3 63.8 95.6#



#37
2-Methylnaphthalene
Concen: 20.453 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion:142 Resp: 409098
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8
115 49.2 28.5 42.7#





#38

1-Methylnaphthalene

Concen: 10.779 ng

RT: 12.272 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

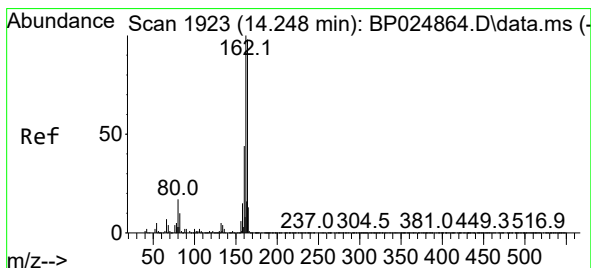
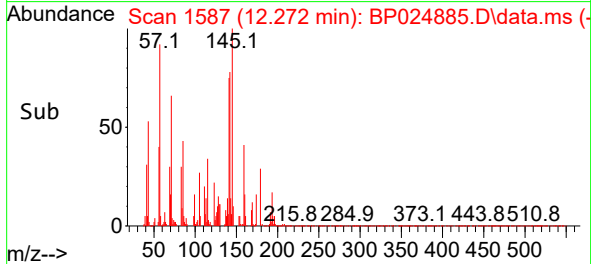
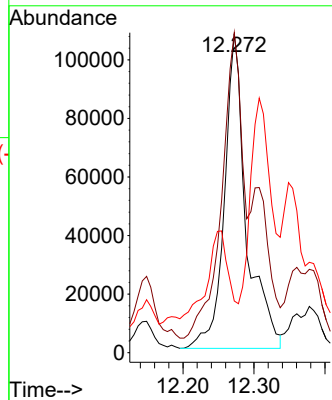
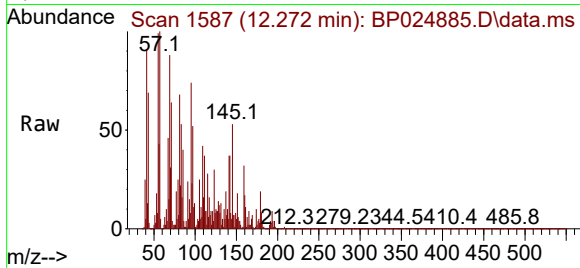
Tgt Ion:142 Resp: 230515

Ion Ratio Lower Upper

142 100

141 100.4 74.7 112.1

116 16.2 3.4 5.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.260 min Scan# 1925

Delta R.T. 0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

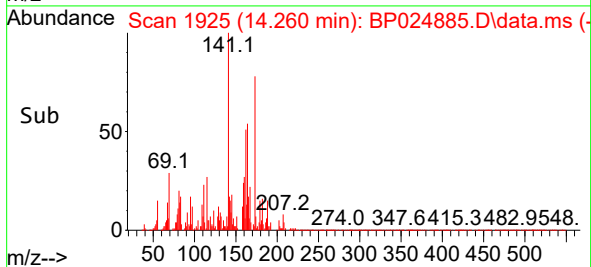
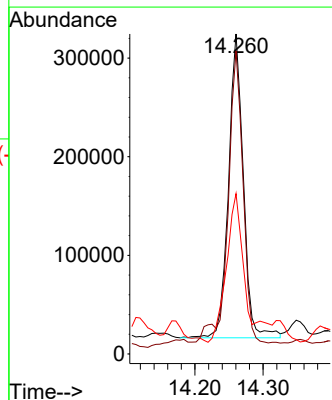
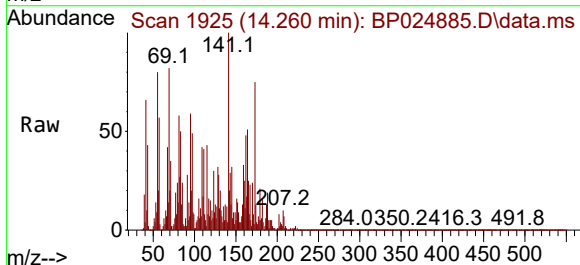
Tgt Ion:164 Resp: 468000

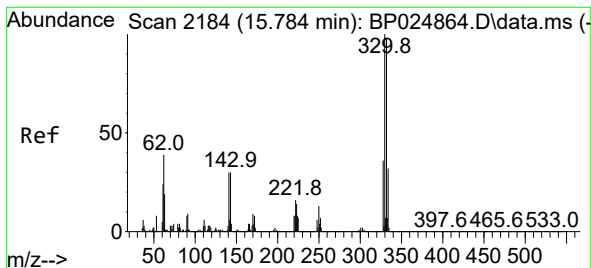
Ion Ratio Lower Upper

164 100

162 94.7 81.6 122.4

160 50.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 97.520 ng

RT: 15.784 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

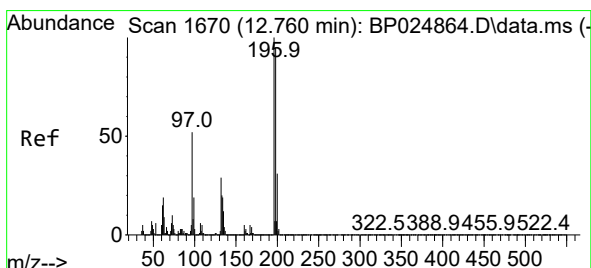
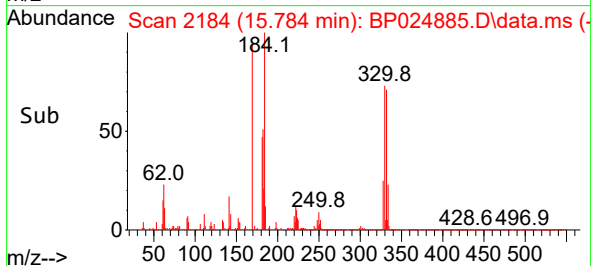
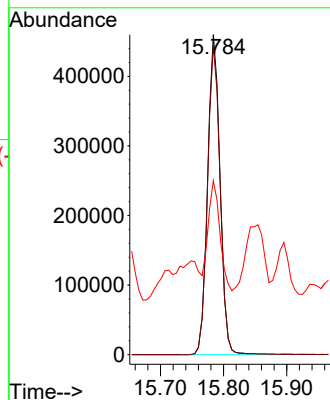
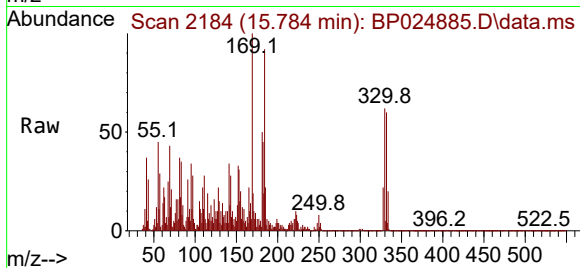
Tgt Ion:330 Resp: 630988

Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 31.9 26.4 39.6



#44

2,4,5-Trichlorophenol

Concen: 2.126 ng

RT: 12.784 min Scan# 1674

Delta R.T. 0.024 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Tgt Ion:196 Resp: 20304

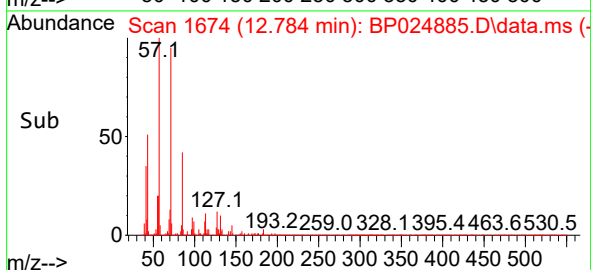
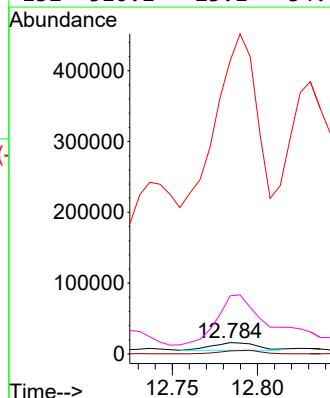
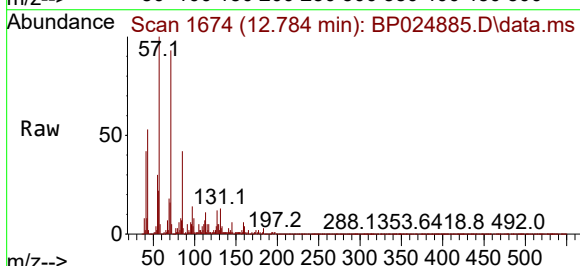
Ion Ratio Lower Upper

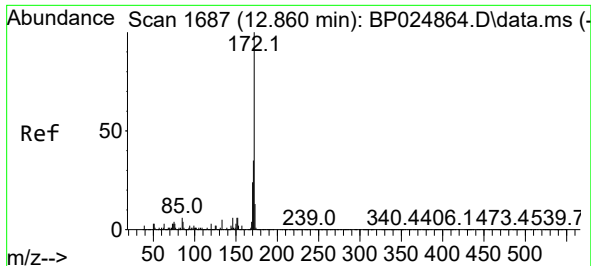
196 100

198 27.3 76.0 114.0#

97 2569.8 41.5 62.3#

132 510.1 23.1 34.7#

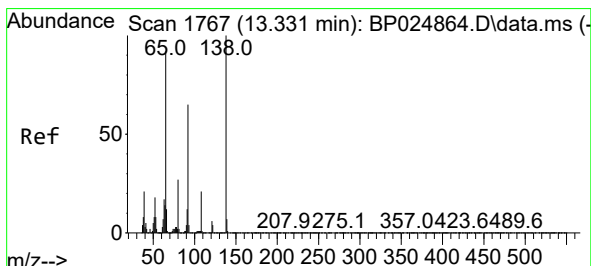
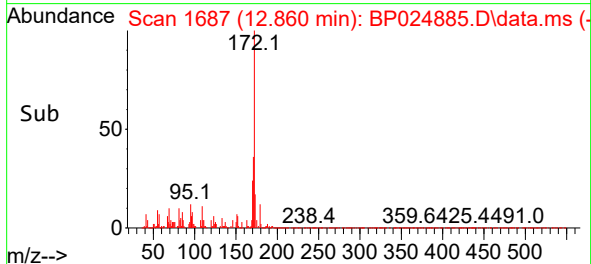
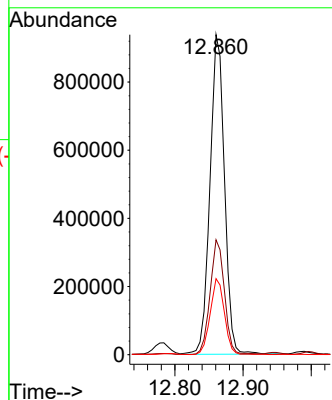
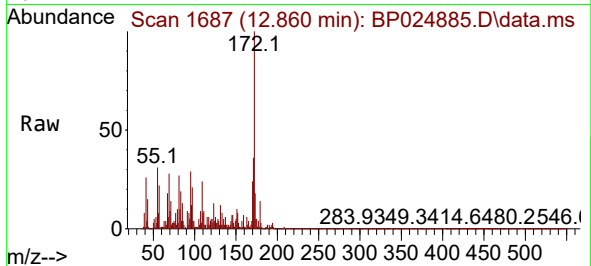




#45
2-Fluorobiphenyl
Concen: 40.039 ng
RT: 12.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

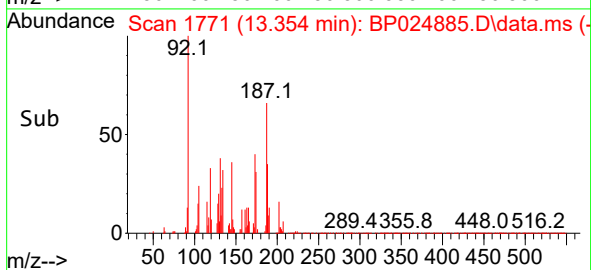
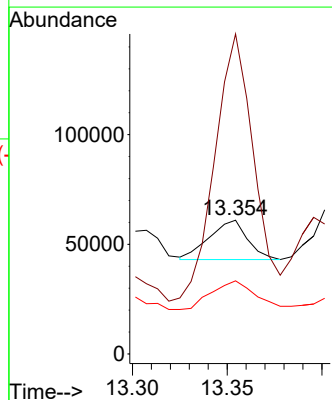
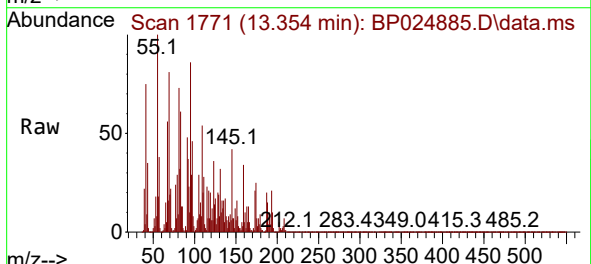
Instrument :
BNA_P
ClientSampleId :
TP-3

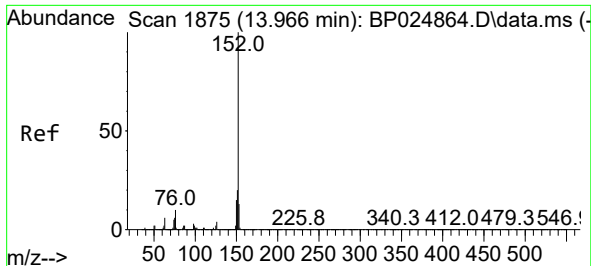
Tgt Ion:172 Resp: 1390972
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.8 19.0 28.4



#48
2-Nitroaniline
Concen: 3.145 ng
RT: 13.354 min Scan# 1771
Delta R.T. 0.024 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion: 65 Resp: 25272
Ion Ratio Lower Upper
65 100
92 239.2 56.8 85.2#
138 54.7 86.9 130.3#

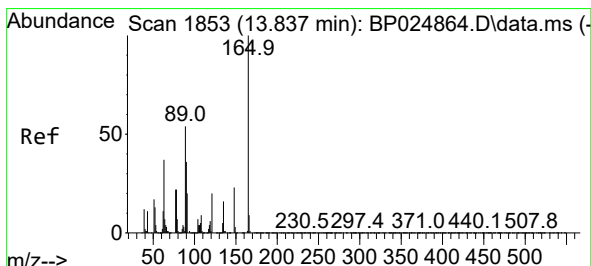
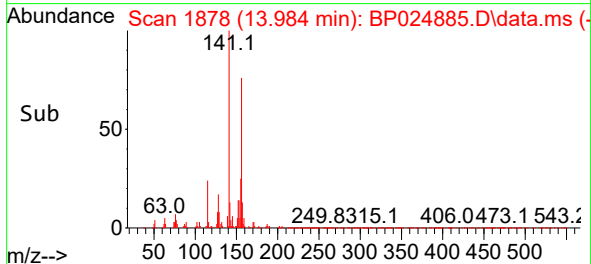
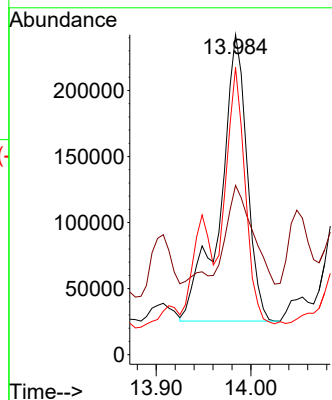
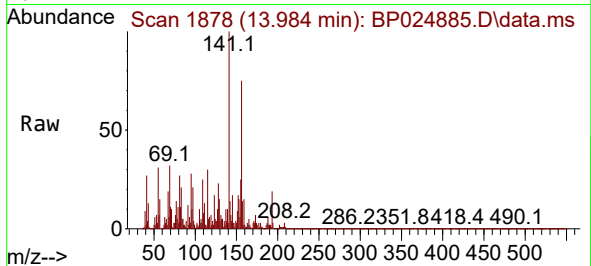




#49
Acenaphthylene
Concen: 9.790 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.018 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

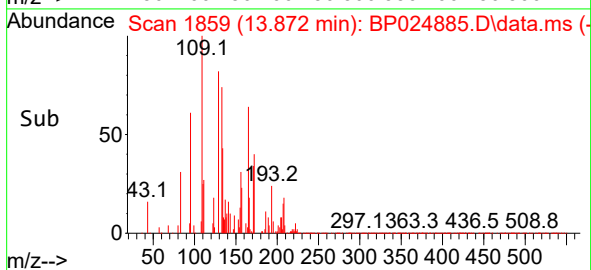
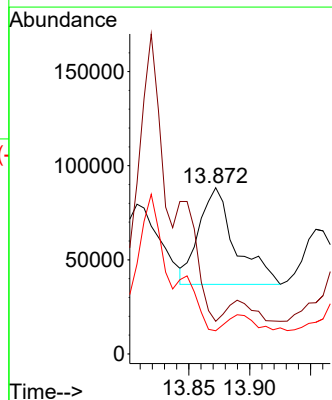
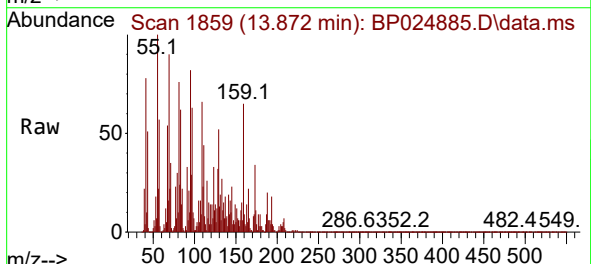
Instrument :
BNA_P
ClientSampleId :
TP-3

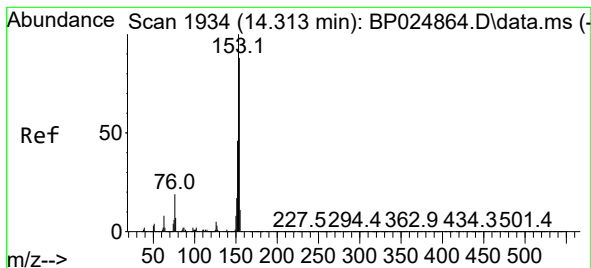
Tgt Ion:152 Resp: 426688
Ion Ratio Lower Upper
152 100
151 52.9 16.2 24.2#
153 89.8 10.6 15.8#



#51
2,6-Dinitrotoluene
Concen: 14.342 ng
RT: 13.872 min Scan# 1859
Delta R.T. 0.035 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion:165 Resp: 106743
Ion Ratio Lower Upper
165 100
63 19.6 41.8 62.8#
89 13.9 43.1 64.7#





#52

Acenaphthene

Concen: 19.864 ng

RT: 14.325 min Scan# 1936

Delta R.T. 0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

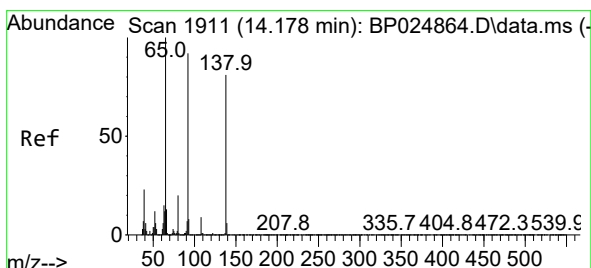
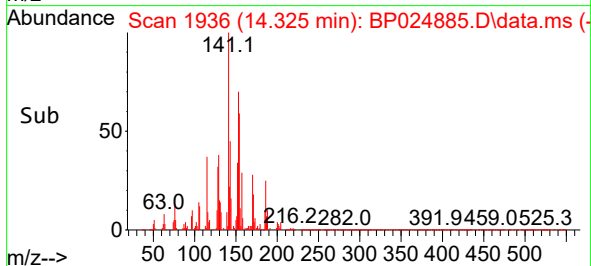
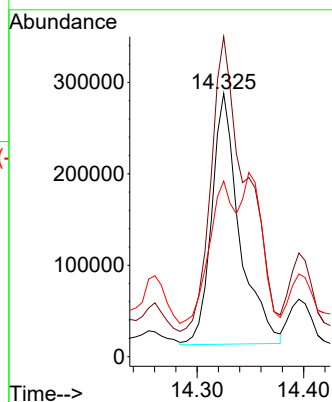
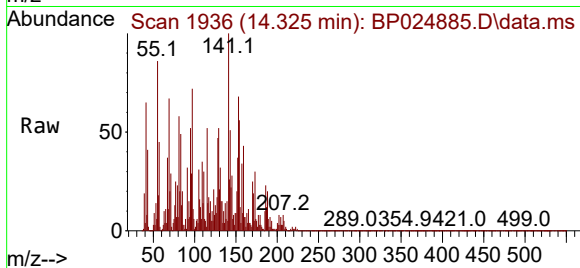
Tgt Ion:154 Resp: 496106

Ion Ratio Lower Upper

154 100

153 121.5 90.5 135.7

152 66.7 42.1 63.1#



#53

3-Nitroaniline

Concen: 13.998 ng

RT: 14.160 min Scan# 1908

Delta R.T. -0.018 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

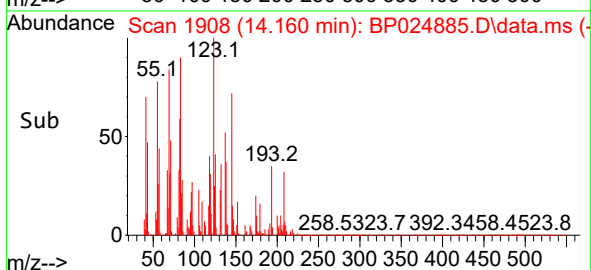
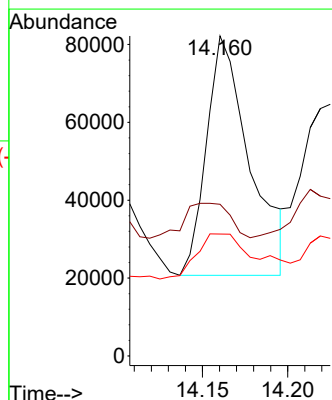
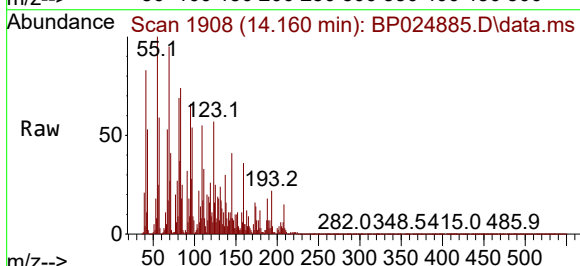
Tgt Ion:138 Resp: 108117

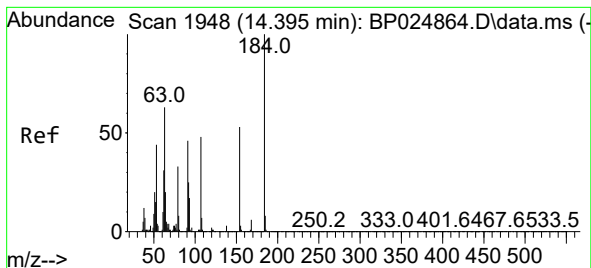
Ion Ratio Lower Upper

138 100

108 47.4 8.6 12.8#

92 38.1 91.3 136.9#





#54

2,4-Dinitrophenol

Concen: 6.944 ng

RT: 14.378 min Scan# 1948

Delta R.T. -0.017 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

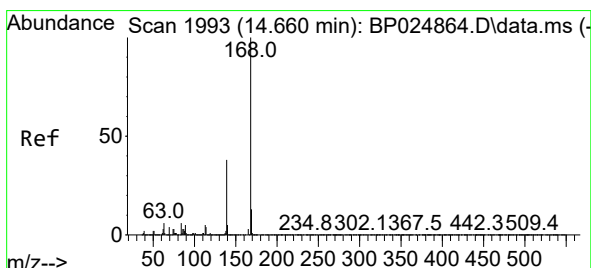
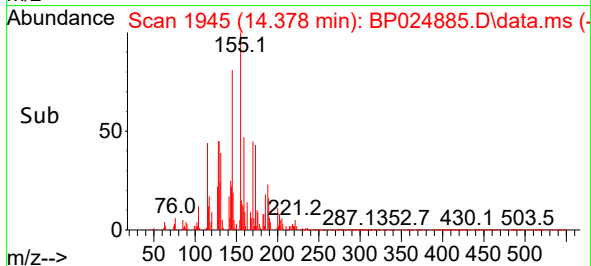
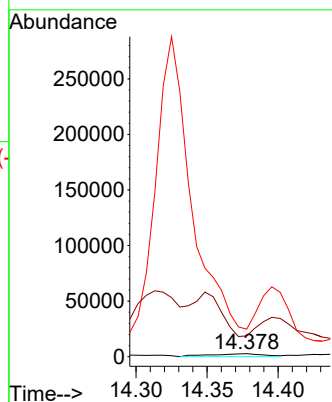
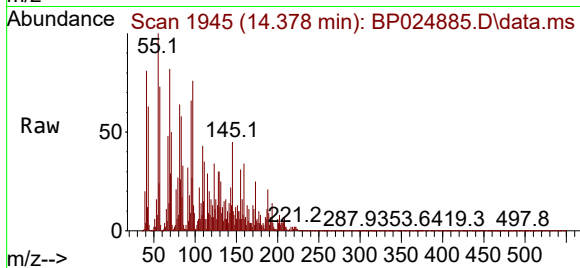
Tgt Ion:184 Resp: 7193

Ion Ratio Lower Upper

184 100

63 681.6 51.0 76.4#

154 899.8 51.7 77.5#



#55

Dibenzofuran

Concen: 13.098 ng

RT: 14.666 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

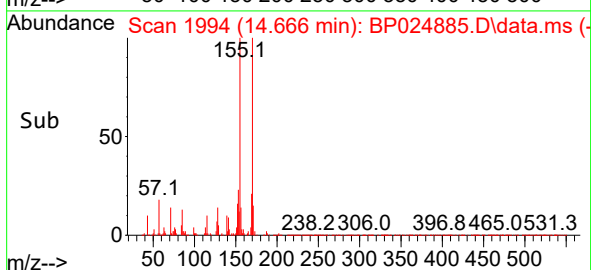
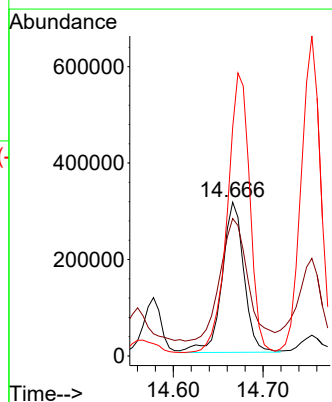
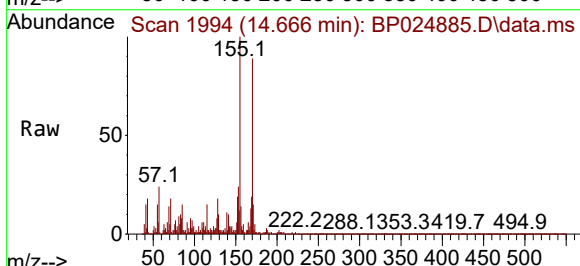
Tgt Ion:168 Resp: 525116

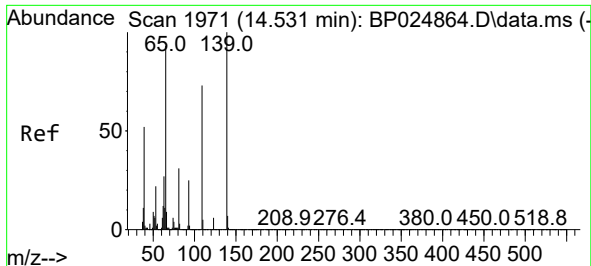
Ion Ratio Lower Upper

168 100

139 89.4 31.6 47.4#

169 148.6 10.6 15.8#

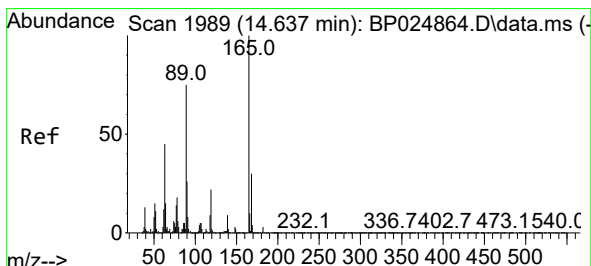
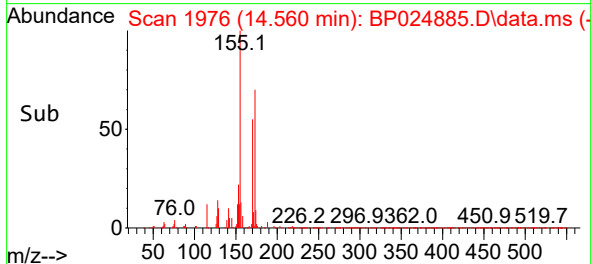
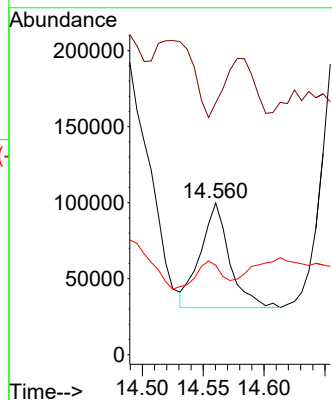
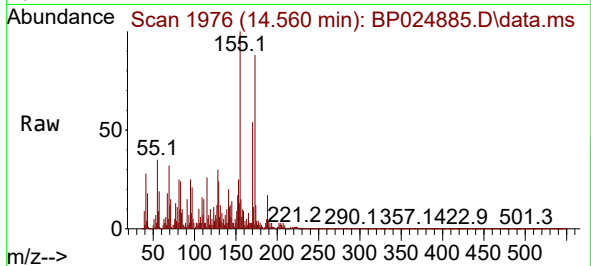




#56
4-Nitrophenol
Concen: 21.797 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

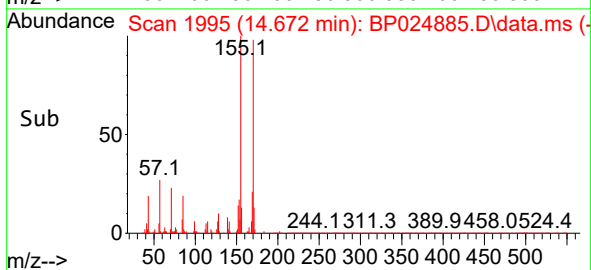
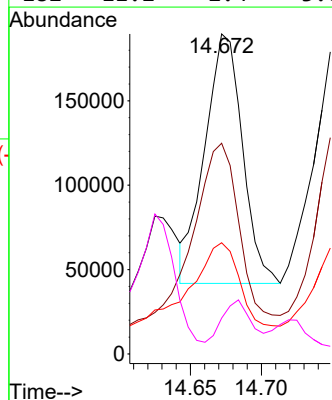
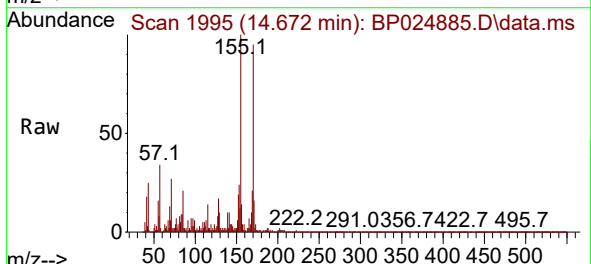
Instrument :
BNA_P
ClientSampleId :
TP-3

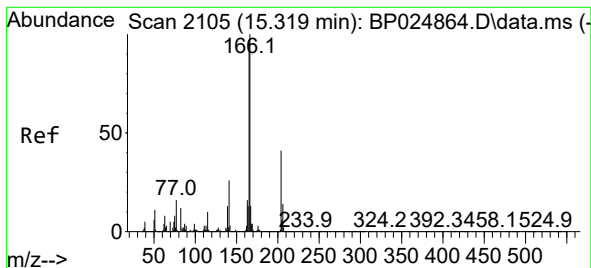
Tgt Ion:139 Resp: 114925
Ion Ratio Lower Upper
139 100
109 166.0 53.1 93.1#
65 59.0 73.0 113.0#



#57
2,4-Dinitrotoluene
Concen: 26.155 ng
RT: 14.672 min Scan# 1995
Delta R.T. 0.035 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion:165 Resp: 272296
Ion Ratio Lower Upper
165 100
63 65.9 37.0 55.6#
89 34.7 60.1 90.1#
182 11.2 2.4 3.6#





#58

Fluorene

Concen: 34.211 ng

RT: 15.325 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

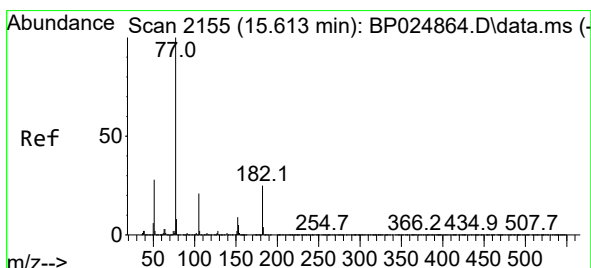
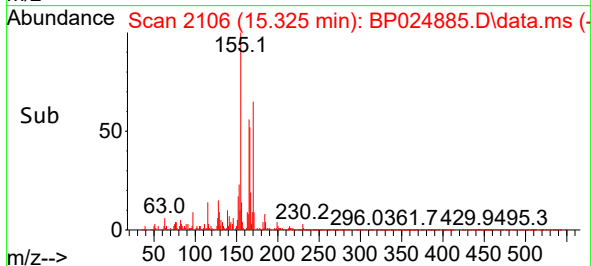
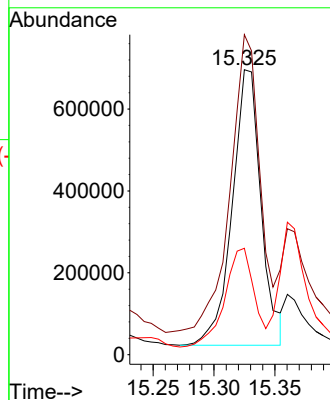
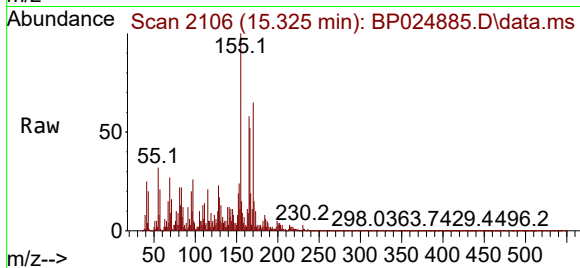
Tgt Ion:166 Resp: 1107959

Ion Ratio Lower Upper

166 100

165 112.3 77.7 116.5

167 37.4 10.6 16.0#



#63

Azobenzene

Concen: 8.415 ng

RT: 15.643 min Scan# 2160

Delta R.T. 0.030 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Tgt Ion: 77 Resp: 265530

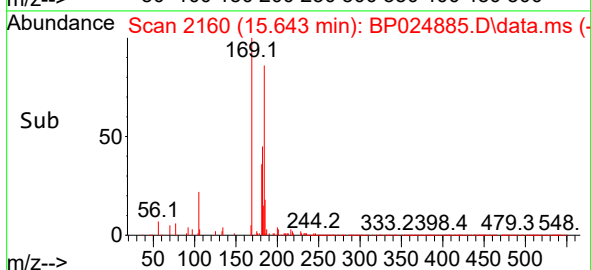
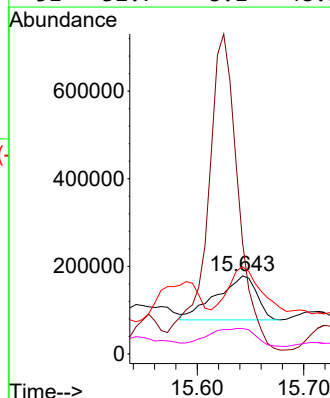
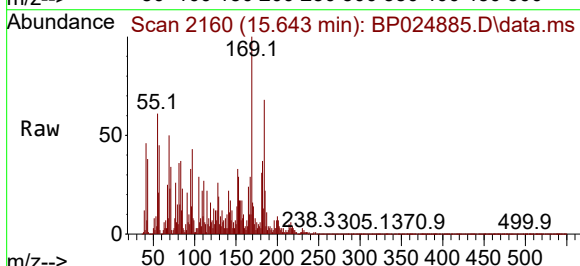
Ion Ratio Lower Upper

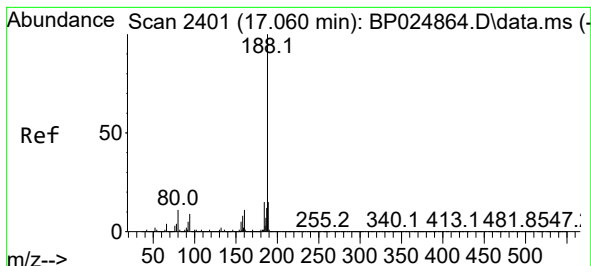
77 100

182 142.2 5.4 45.4#

105 111.5 0.8 40.8#

51 32.7 8.1 48.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

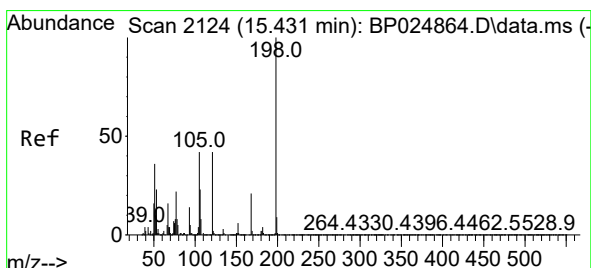
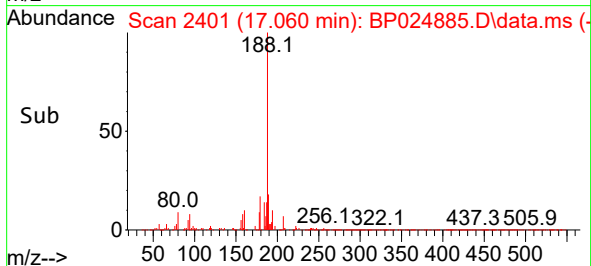
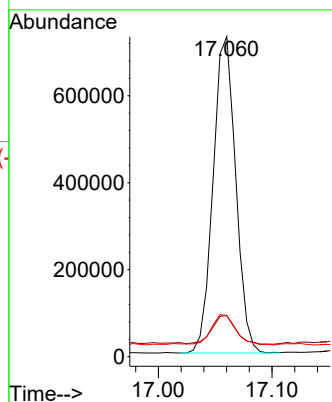
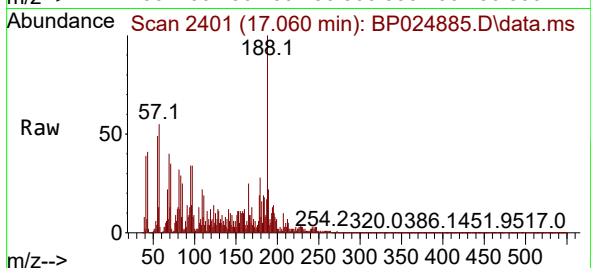
Tgt Ion:188 Resp: 1007387

Ion Ratio Lower Upper

188 100

94 12.8 7.3 10.9#

80 12.9 8.5 12.7#



#65

4,6-Dinitro-2-methylphenol

Concen: 3.743 ng

RT: 15.460 min Scan# 2129

Delta R.T. 0.030 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

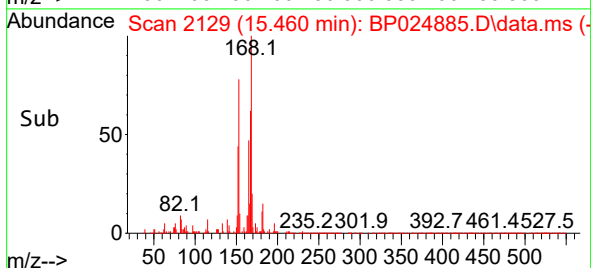
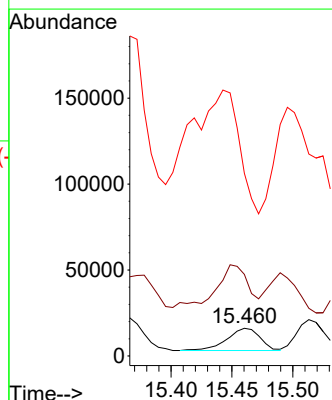
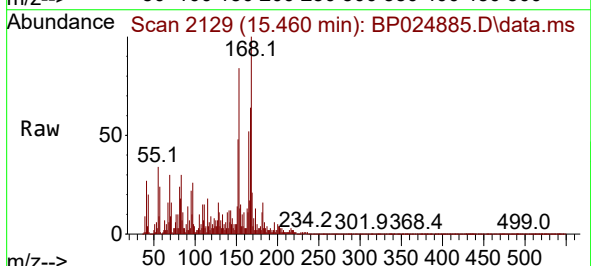
Tgt Ion:198 Resp: 24778

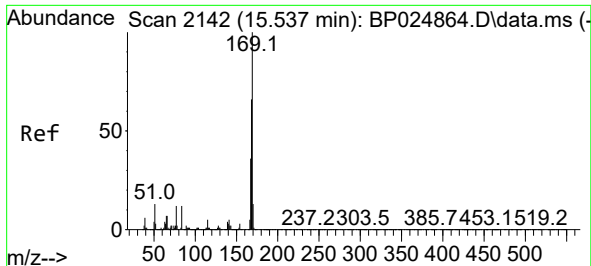
Ion Ratio Lower Upper

198 100

51 294.0 19.2 59.2#

105 658.7 22.6 62.6#

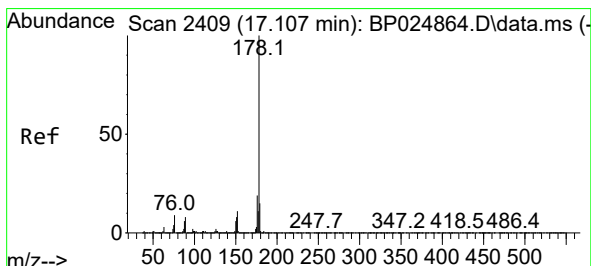
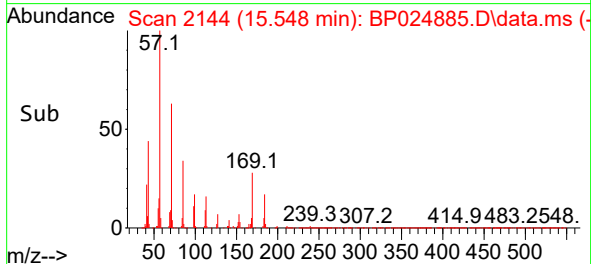
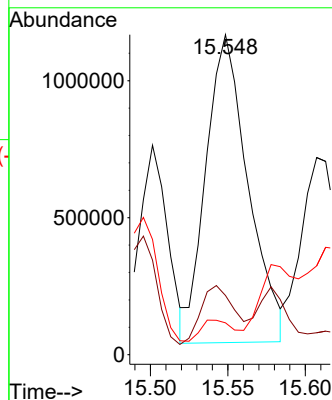
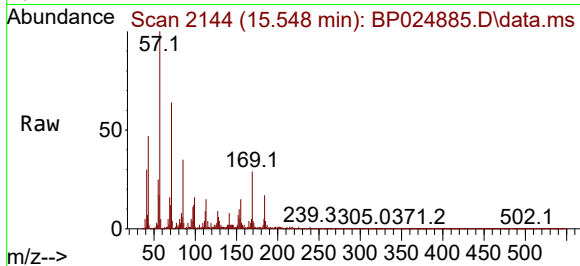




#66
n-Nitrosodiphenylamine
Concen: 68.039 ng
RT: 15.548 min Scan# 2142
Delta R.T. 0.012 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

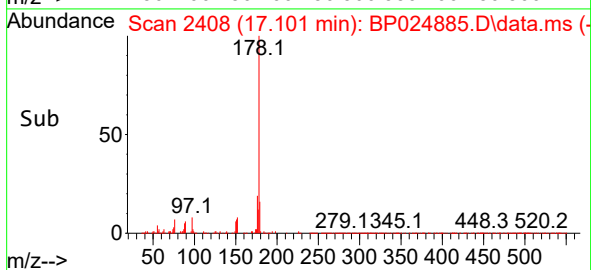
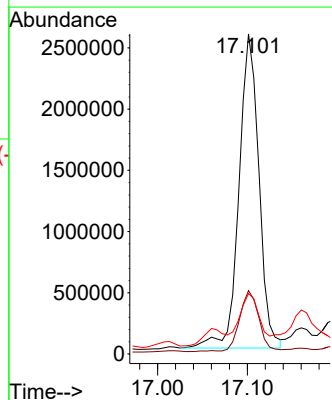
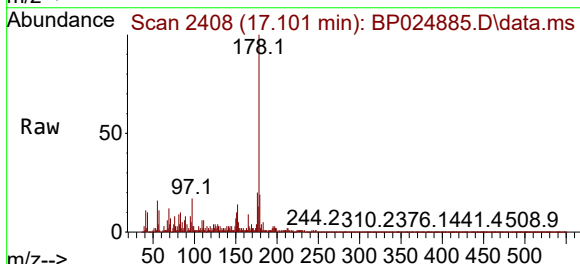
Instrument :
BNA_P
ClientSampleId :
TP-3

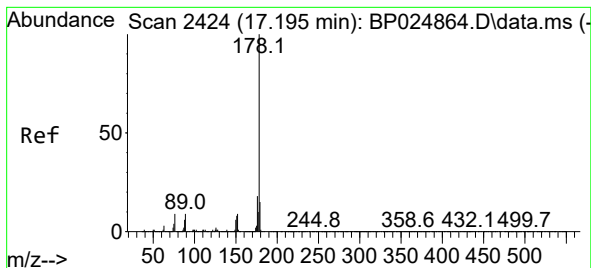
Tgt Ion:169 Resp: 2124475
Ion Ratio Lower Upper
169 100
168 18.5 53.0 79.6#
167 10.0 28.6 43.0#



#71
Phenanthrene
Concen: 71.168 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP024885.D
Acq: 09 Jun 2025 20:18

Tgt Ion:178 Resp: 3961867
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 18.9 12.1 18.1#





#72

Anthracene

Concen: 6.409 ng

RT: 17.195 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

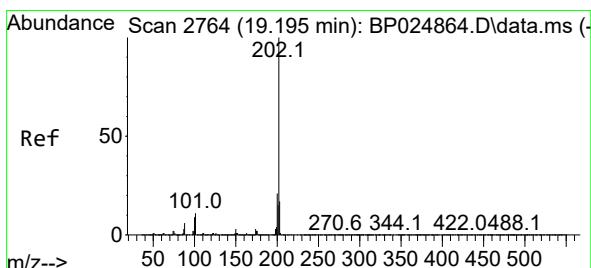
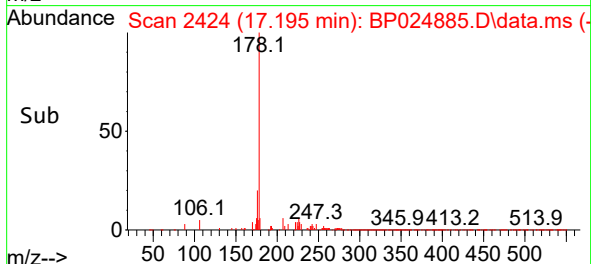
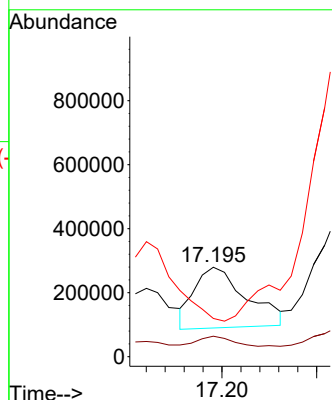
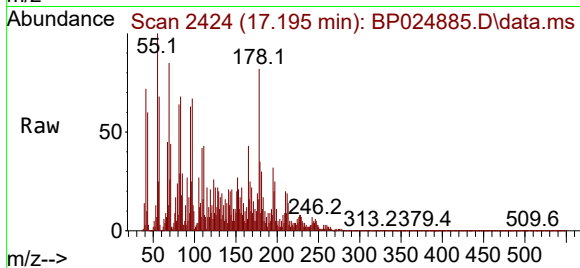
Tgt Ion:178 Resp: 361335

Ion Ratio Lower Upper

178 100

176 22.8 14.7 22.1#

179 42.8 12.3 18.5#



#75

Fluoranthene

Concen: 22.331 ng

RT: 19.184 min Scan# 2762

Delta R.T. -0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

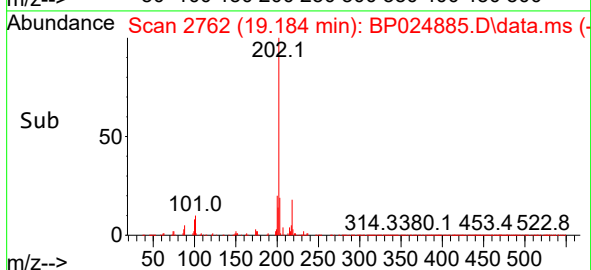
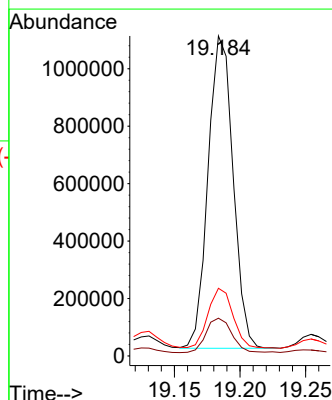
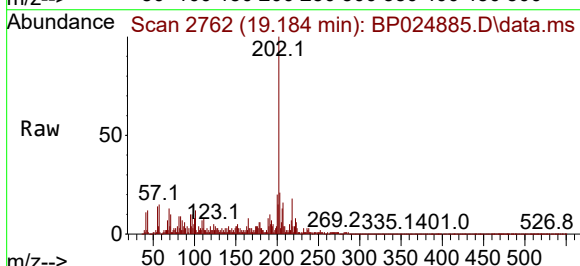
Tgt Ion:202 Resp: 1440866

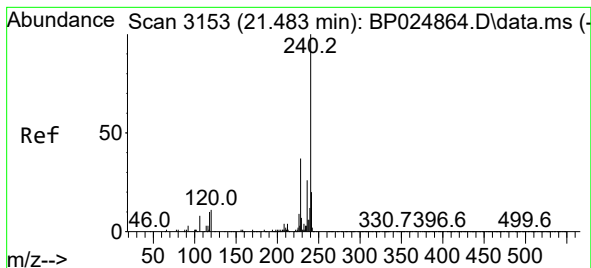
Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.4

203 21.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.472 min Scan# 3151

Delta R.T. -0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

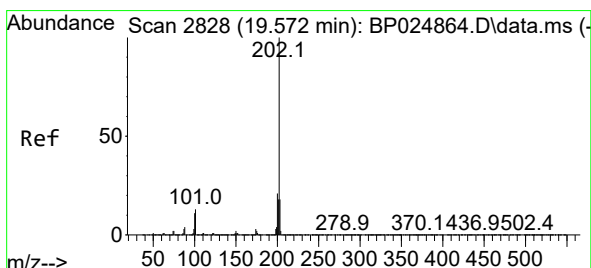
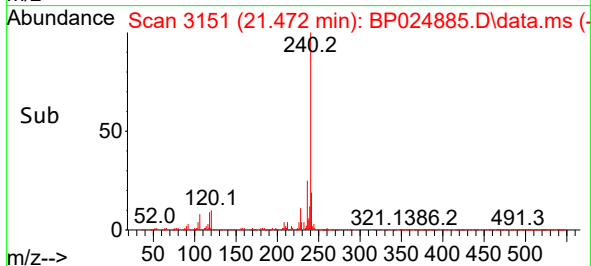
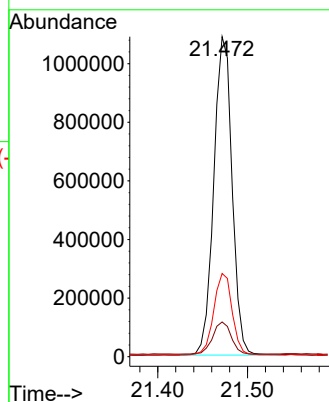
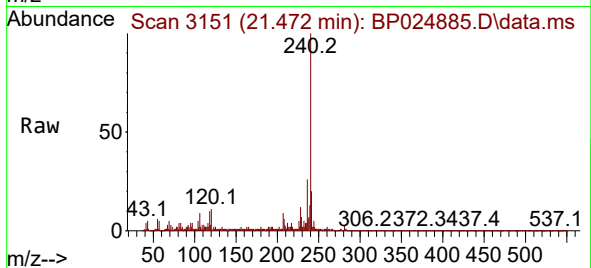
Tgt Ion:240 Resp: 1537817

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 26.0 20.9 31.3



#78

Pyrene

Concen: 22.650 ng

RT: 19.560 min Scan# 2826

Delta R.T. -0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

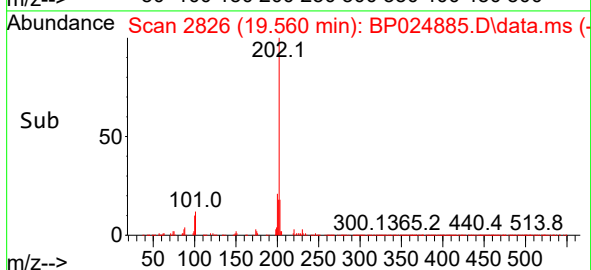
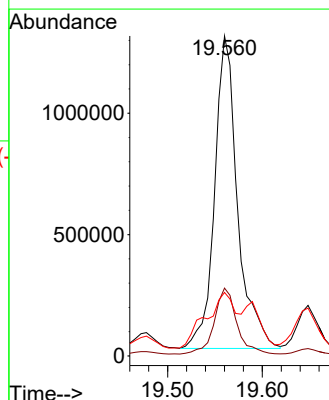
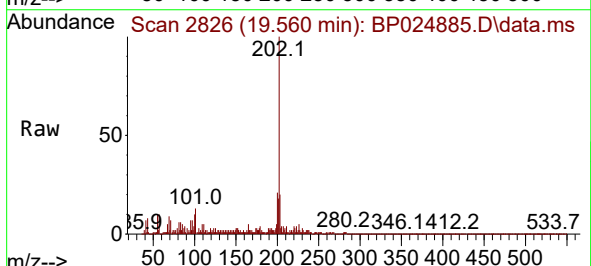
Tgt Ion:202 Resp: 2176072

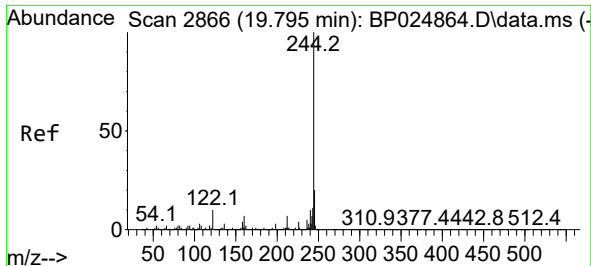
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 19.9 14.0 21.0

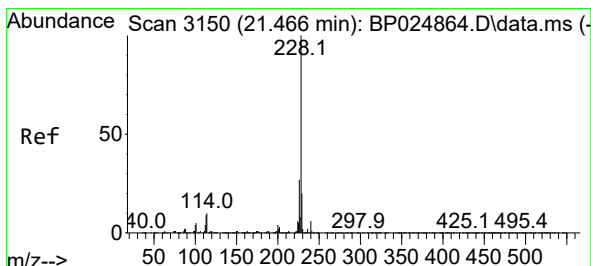
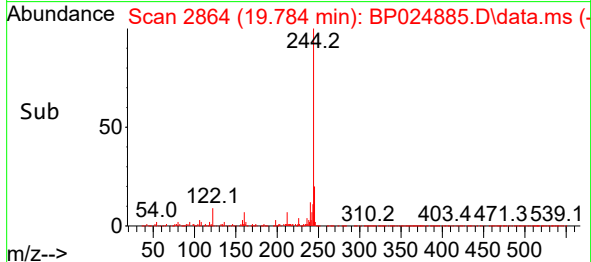
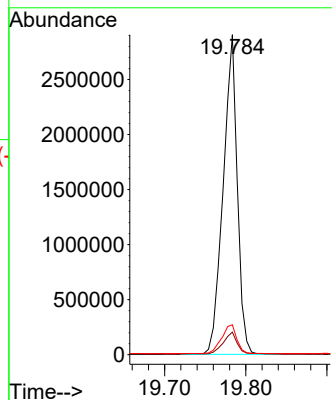
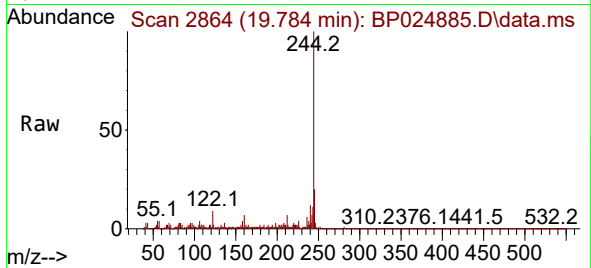




#79
 Terphenyl-d14
 Concen: 41.032 ng
 RT: 19.784 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024885.D
 Acq: 09 Jun 2025 20:18

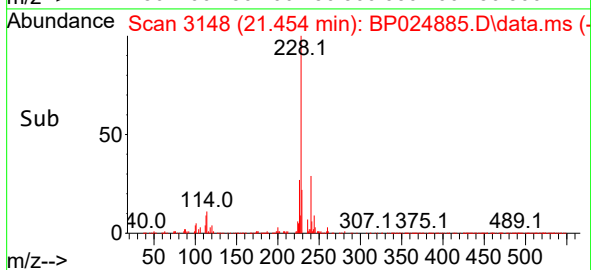
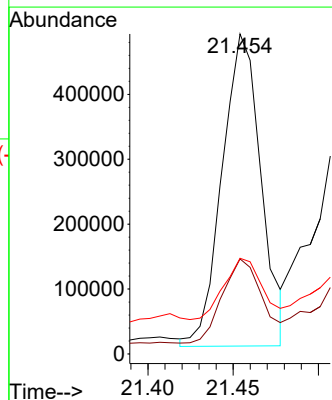
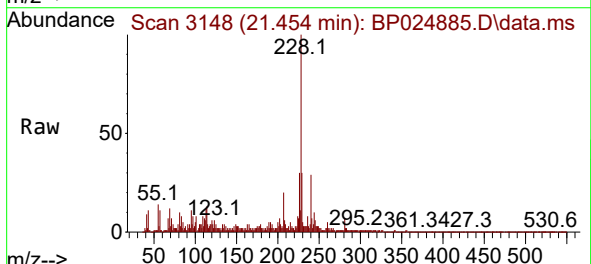
Instrument :
 BNA_P
 ClientSampleId :
 TP-3

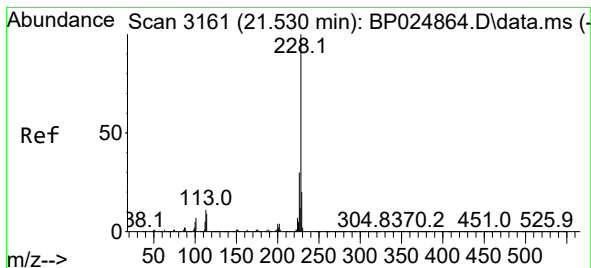
Tgt Ion:244 Resp: 3520676
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.4 7.7 11.5



#81
 Benzo(a)anthracene
 Concen: 7.787 ng
 RT: 21.454 min Scan# 3148
 Delta R.T. -0.012 min
 Lab File: BP024885.D
 Acq: 09 Jun 2025 20:18

Tgt Ion:228 Resp: 765910
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.1 33.1
 229 29.9 15.9 23.9#





#83

Chrysene

Concen: 9.317 ng

RT: 21.519 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

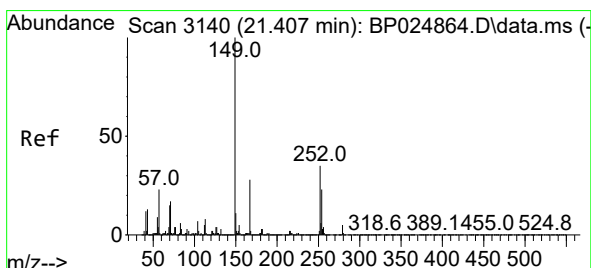
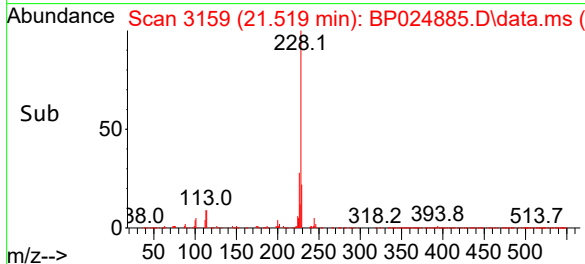
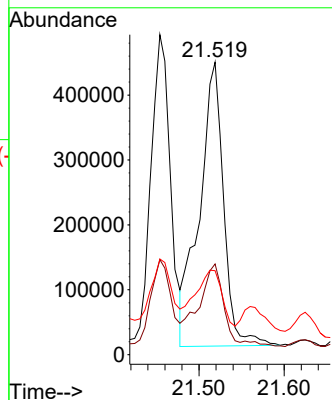
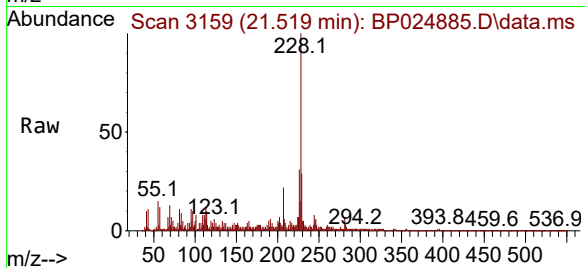
Tgt Ion:228 Resp: 868309

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.6

229 28.7 15.6 23.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.141 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

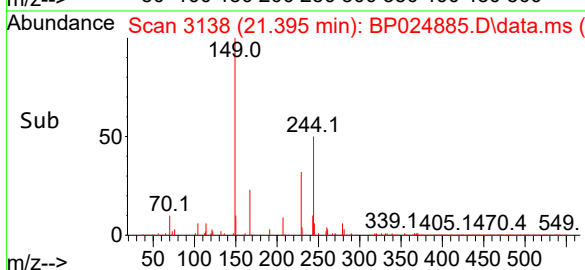
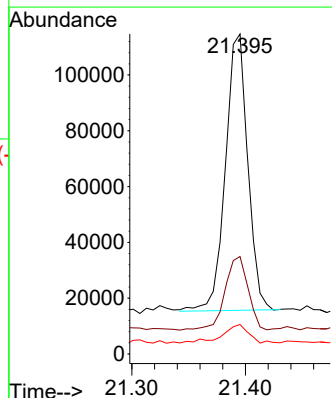
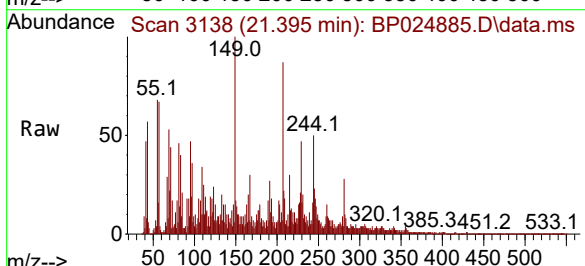
Tgt Ion:149 Resp: 135011

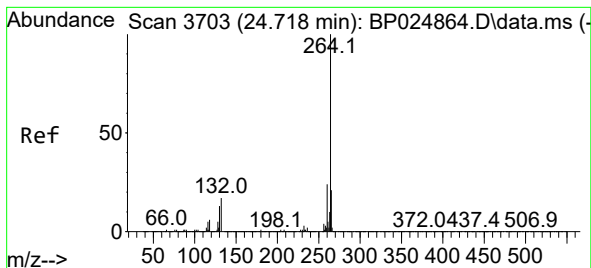
Ion Ratio Lower Upper

149 100

167 30.4 22.2 33.4

279 9.2 4.0 6.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.724 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

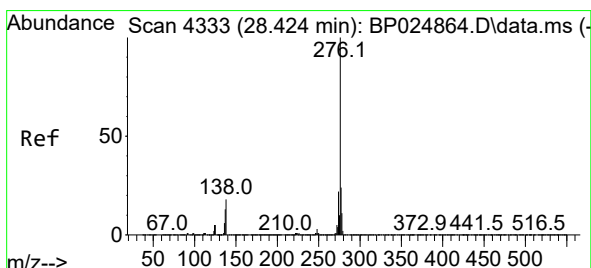
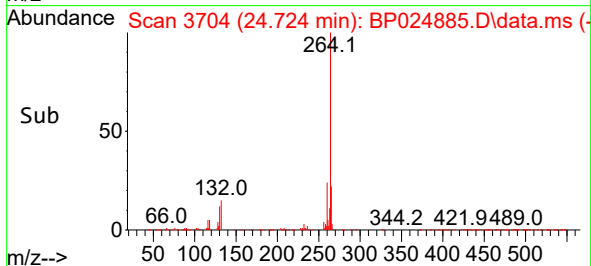
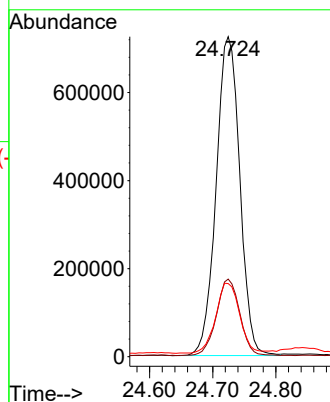
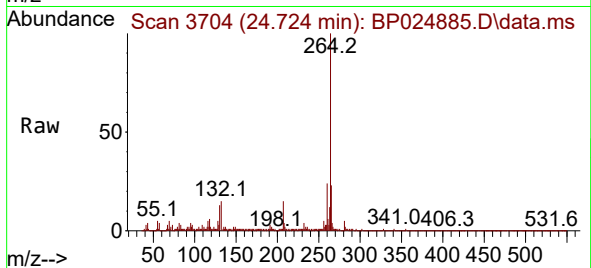
Tgt Ion:264 Resp: 1886701

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 22.9 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.776 ng

RT: 28.401 min Scan# 4329

Delta R.T. -0.023 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

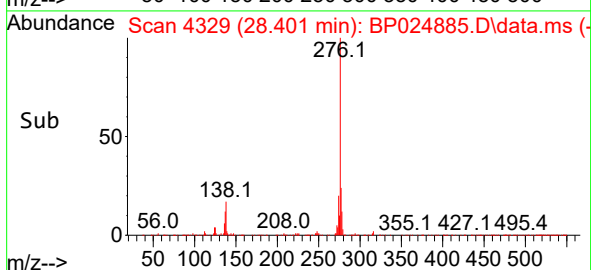
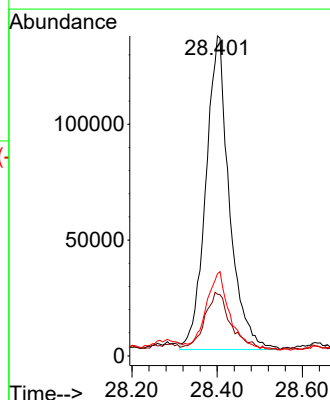
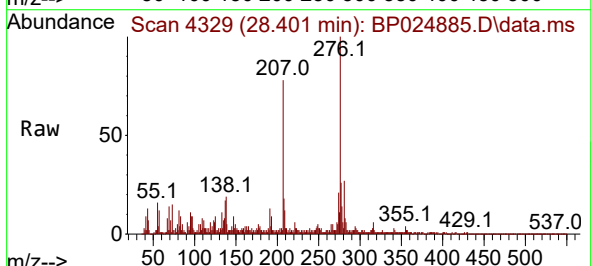
Tgt Ion:276 Resp: 519787

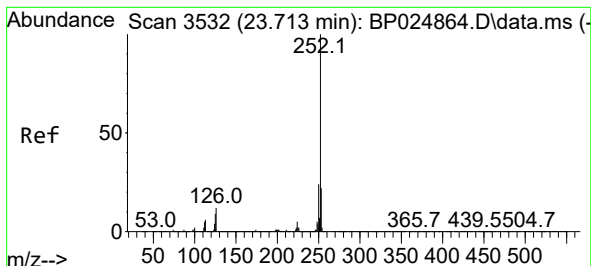
Ion Ratio Lower Upper

276 100

138 20.7 18.6 27.8

277 24.3 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 8.981 ng

RT: 23.695 min Scan# 3529

Delta R.T. -0.018 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

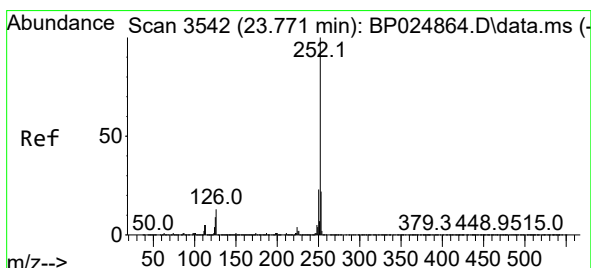
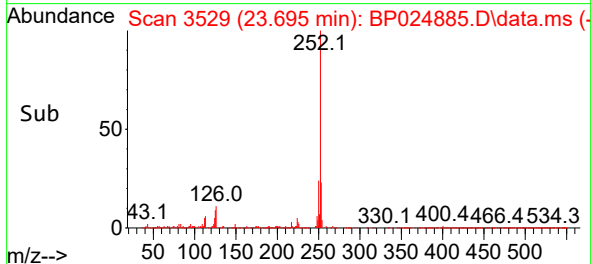
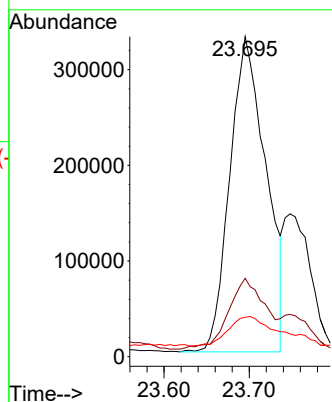
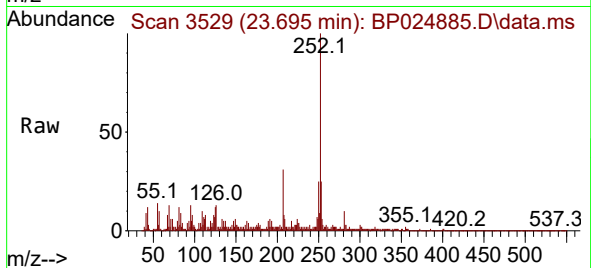
Tgt Ion:252 Resp: 969779

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

125 12.3 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 8.823 ng

RT: 23.695 min Scan# 3529

Delta R.T. -0.076 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

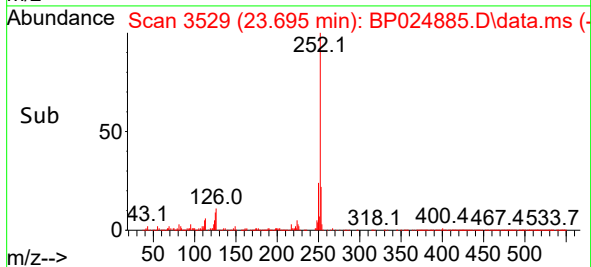
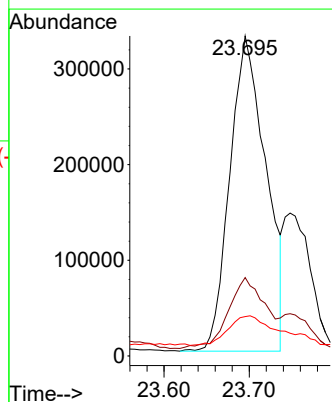
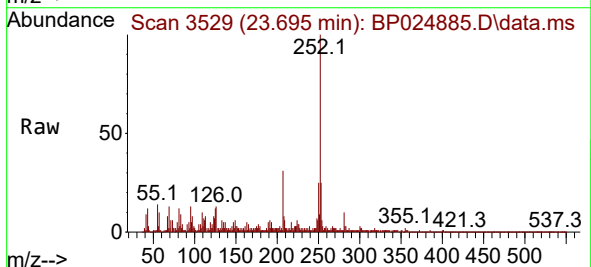
Tgt Ion:252 Resp: 969779

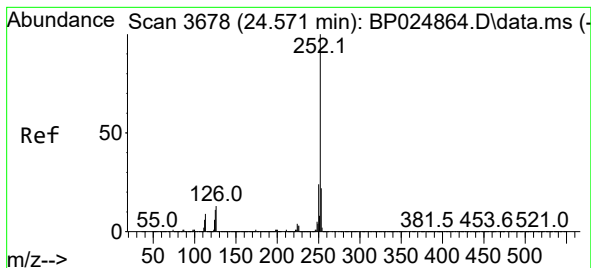
Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 12.3 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 6.848 ng

RT: 24.560 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Instrument :

BNA_P

ClientSampleId :

TP-3

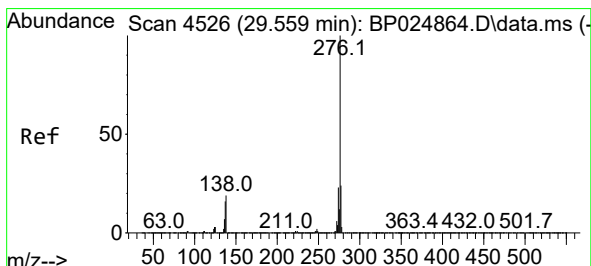
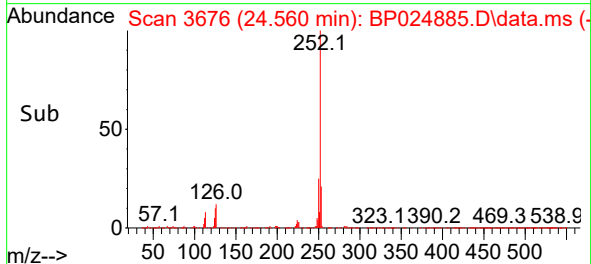
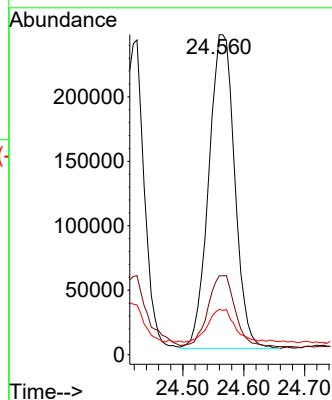
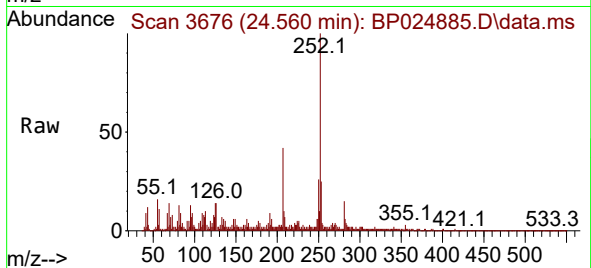
Tgt Ion:252 Resp: 722145

Ion Ratio Lower Upper

252 100

253 24.7 17.5 26.3

125 14.1 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 4.785 ng

RT: 29.542 min Scan# 4523

Delta R.T. -0.018 min

Lab File: BP024885.D

Acq: 09 Jun 2025 20:18

Tgt Ion:276 Resp: 532023

Ion Ratio Lower Upper

276 100

277 25.6 19.1 28.7

138 20.3 15.4 23.2

