

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025135.D
 Acq On : 15 Jul 2025 01:22
 Operator : CG/JU
 Sample : Q2564-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0039

Quant Time: Jul 15 03:35:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

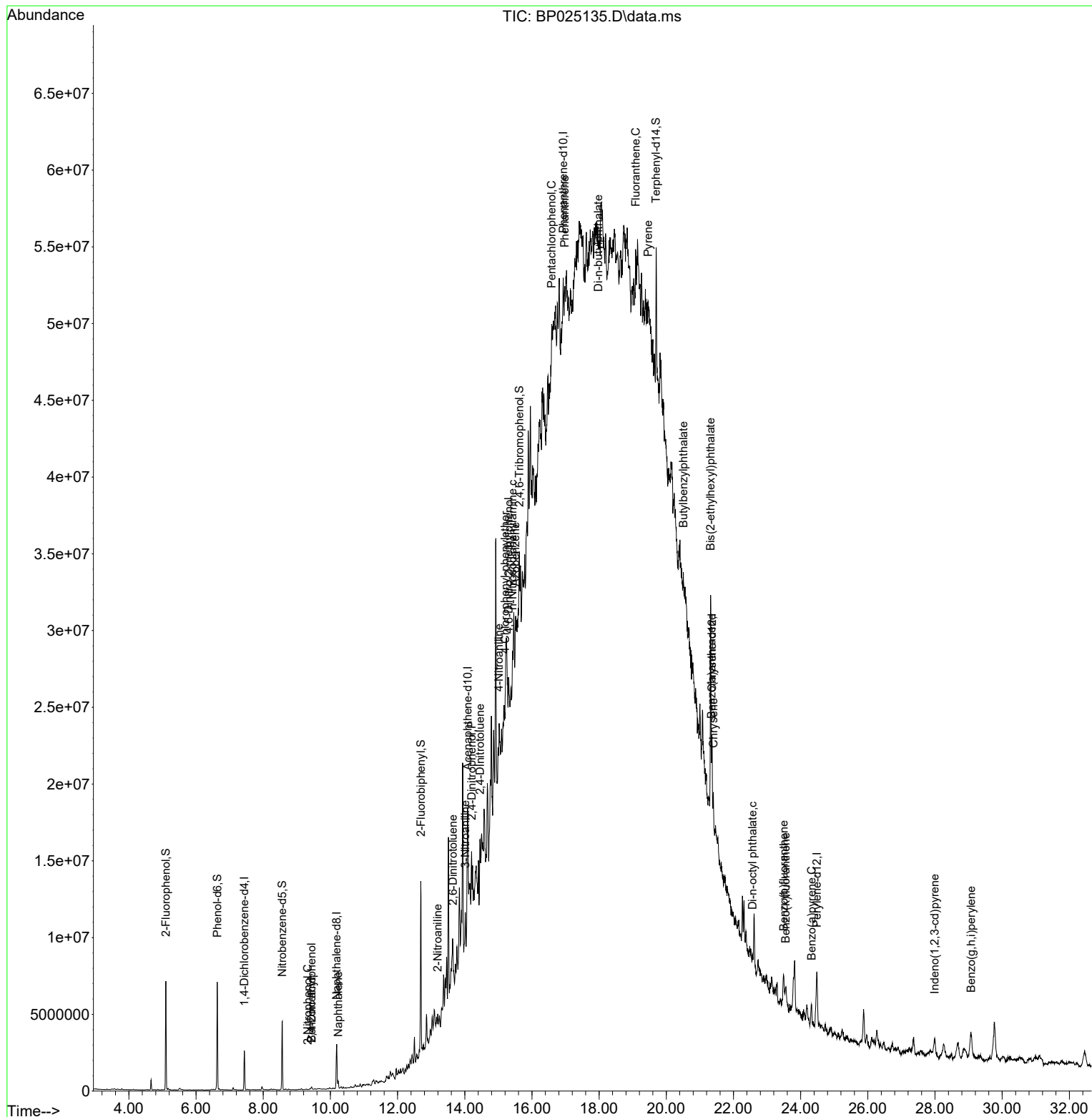
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	730589	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2693811	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1383816	20.000	ng	0.00
64) Phenanthrene-d10	16.931	188	1992289	20.000	ng	# 0.02
76) Chrysene-d12	21.360	240	3152088	20.000	ng	0.02
86) Perylene-d12	24.483	264	3713074	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3142721	76.218	ng	0.00
7) Phenol-d6	6.631	99	3806111	70.734	ng	0.00
23) Nitrobenzene-d5	8.566	82	2322589	57.340	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	1418249	86.756	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5291262	59.235	ng	0.00
79) Terphenyl-d14	19.695	244	6657583	46.420	ng	0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.325	139	258	3.314	ng	# 1
27) 2,4-Dimethylphenol	9.437	122	87002	3.081	ng	# 8
31) Naphthalene	10.231	128	335900	2.422	ng	99
32) Benzoic acid	9.437	122	87002	8.889	ng	98
48) 2-Nitroaniline	13.190	65	5694	3.054	ng	# 52
51) 2,6-Dinitrotoluene	13.648	165	238343	12.616	ng	# 35
53) 3-Nitroaniline	14.013	138	148664	7.343	ng	# 20
54) 2,4-Dinitrophenol	14.207	184	1705	5.557	ng	# 1
57) 2,4-Dinitrotoluene	14.454	165	75438	5.208	ng	# 50
61) 4-Chlorophenyl-phenyle...	15.201	204	126321	2.679	ng	# 1
62) 4-Nitroaniline	15.019	138	426097	20.071	ng	74
63) Azobenzene	15.501	77	342686	3.955	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.307	198	32927	8.788	ng	# 1
66) n-Nitrosodiphenylamine	15.419	169	449620	7.886	ng	# 48
70) Pentachlorophenol	16.584	266	34057	2.023	ng	# 26
71) Phenanthrene	16.978	178	912751	8.574	ng	# 39
74) Di-n-butylphthalate	17.972	149	417724	3.756	ng	# 44
75) Fluoranthene	19.089	202	1908920	15.340	ng	80
78) Pyrene	19.460	202	1770002	9.066	ng	# 86
80) Butylbenzylphthalate	20.507	149	37894	4.147	ng	# 42
81) Benzo(a)anthracene	21.342	228	1311759	6.867	ng	# 92
83) Chrysene	21.401	228	1435492	7.809	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.319	149	7640708	74.571	ng	# 97
85) Di-n-octyl phthalate	22.566	149	96939	6.549	ng	# 79
87) Indeno(1,2,3-cd)pyrene	27.989	276	1113556	4.708	ng	# 88
88) Benzo(b)fluoranthene	23.495	252	2213794	10.243	ng	# 92
89) Benzo(k)fluoranthene	23.554	252	695375	3.234	ng	# 82
90) Benzo(a)pyrene	24.324	252	1429587	7.772	ng	# 93
92) Benzo(g,h,i)perylene	29.077	276	1070643	5.301	ng	99

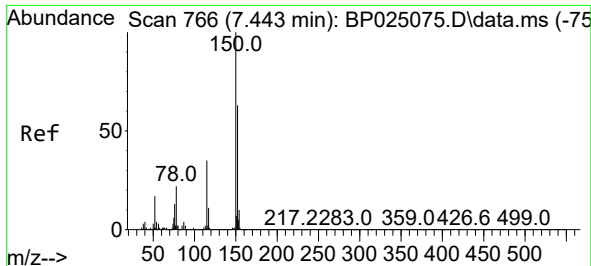
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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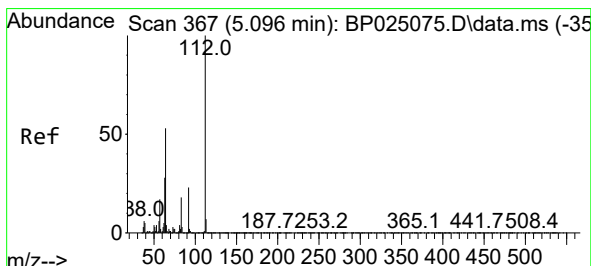
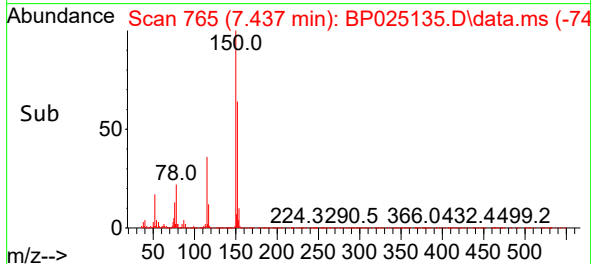
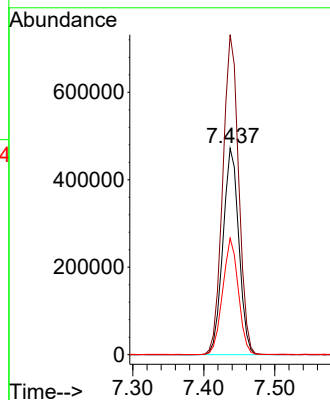
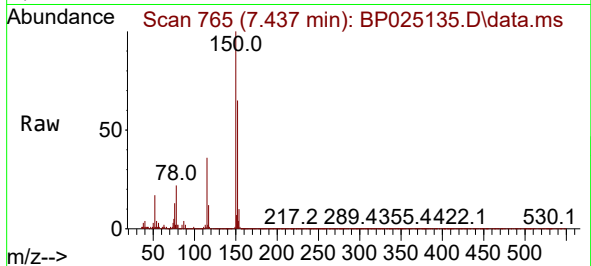




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BP025135.D
 Acq: 15 Jul 2025 01:22

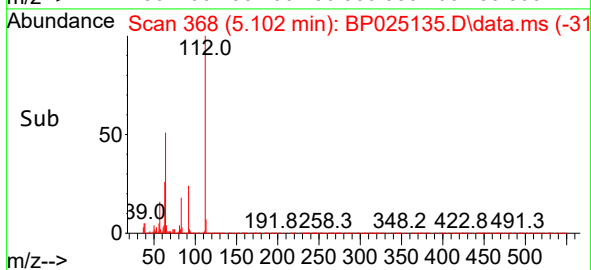
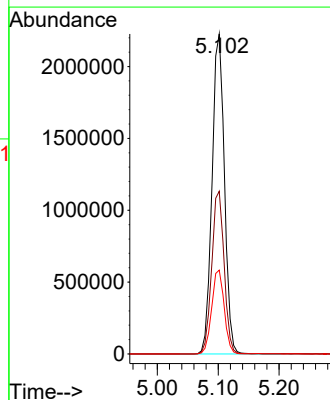
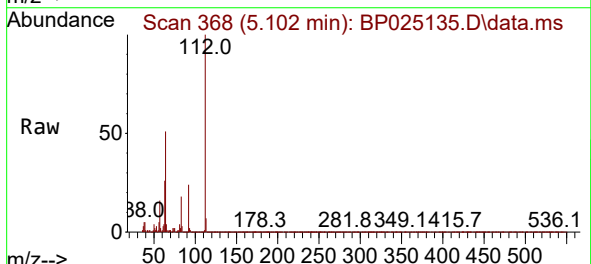
Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0039

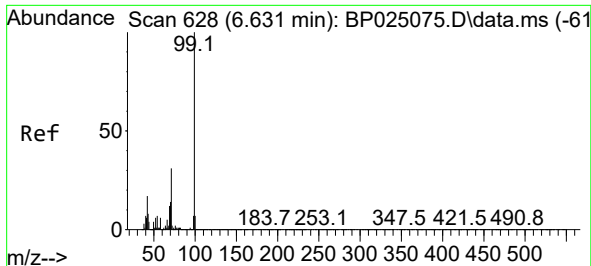
Tgt Ion:152 Resp: 730589
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.1 189.1
 115 56.5 44.3 66.5



#5
 2-Fluorophenol
 Concen: 76.218 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BP025135.D
 Acq: 15 Jul 2025 01:22

Tgt Ion:112 Resp: 3142721
 Ion Ratio Lower Upper
 112 100
 64 50.9 42.0 63.0
 63 26.2 22.2 33.2



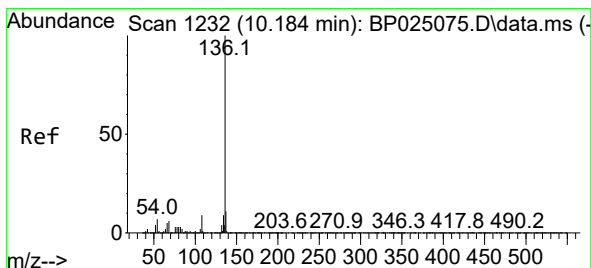
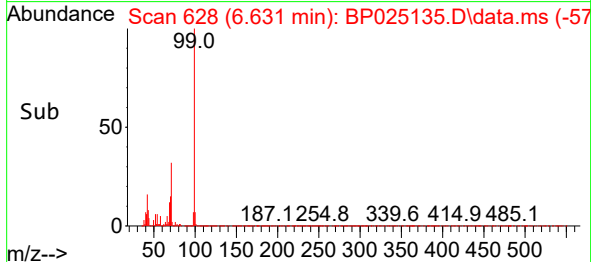
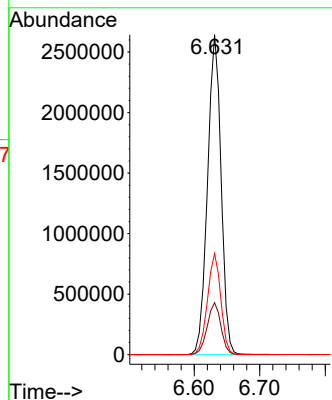
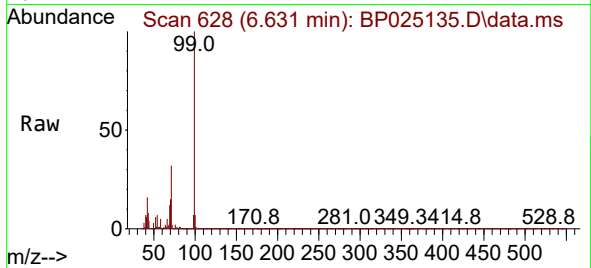


#7
Phenol-d6
Concen: 70.734 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

Instrument :
BNA_P
ClientSampleId :
ARS20-0039

Tgt Ion: 99 Resp: 3806111

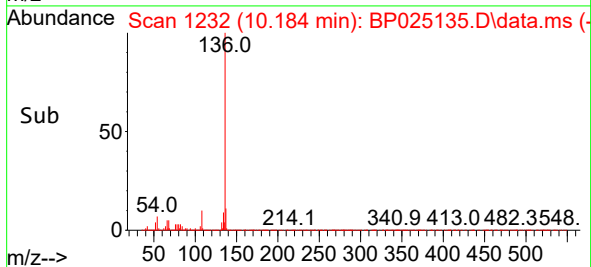
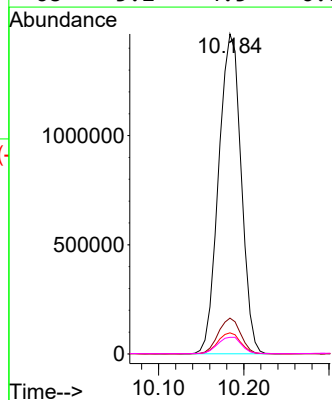
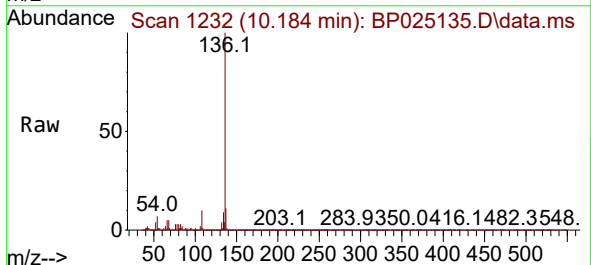
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	31.6	24.4	36.6

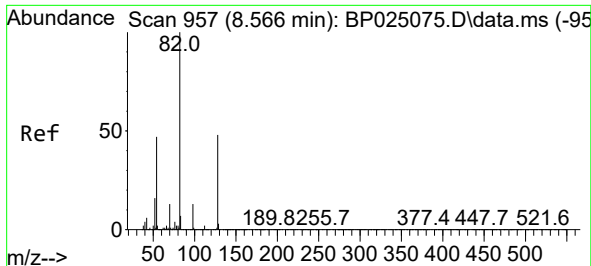


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

Tgt Ion: 136 Resp: 2693811

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	5.4	8.2
68	5.2	4.5	6.7

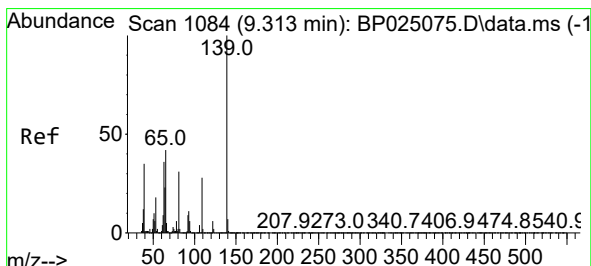
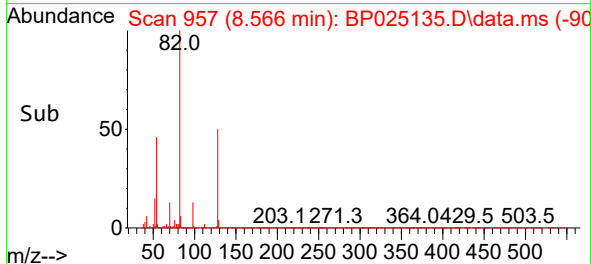
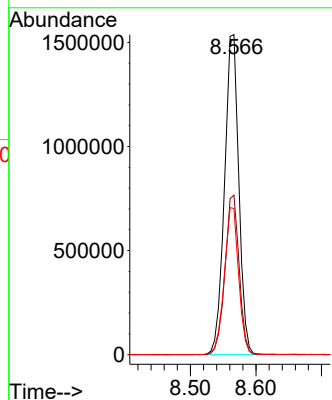
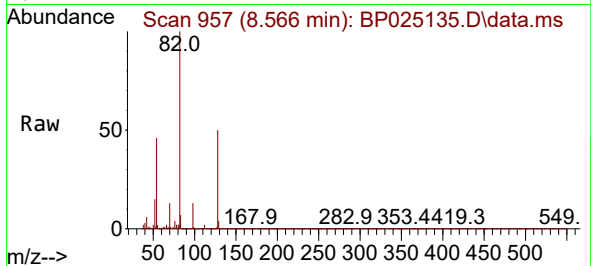




#23
Nitrobenzene-d5
Concen: 57.340 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

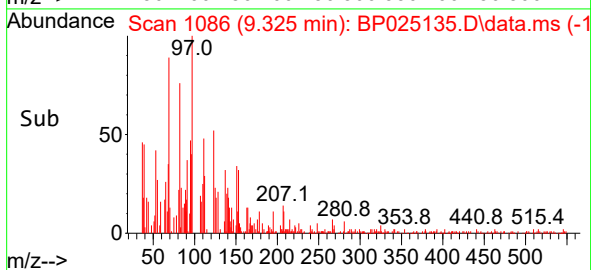
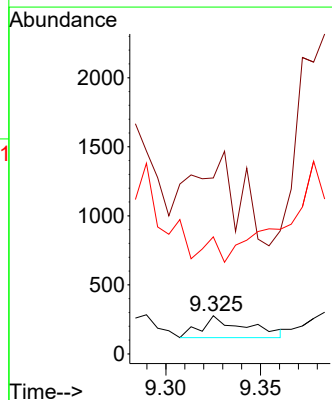
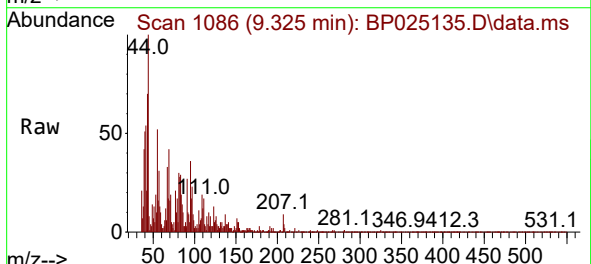
Instrument :
BNA_P
ClientSampleId :
ARS20-0039

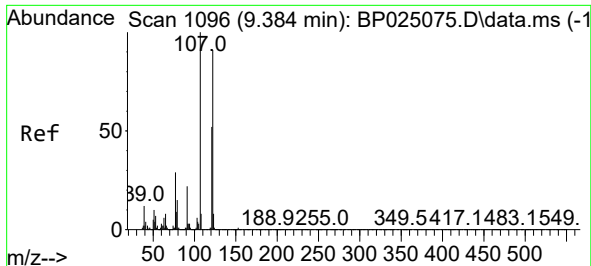
Tgt Ion: 82 Resp: 2322589
Ion Ratio Lower Upper
82 100
128 49.9 38.4 57.6
54 45.7 37.8 56.6



#26
2-Nitrophenol
Concen: 3.314 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.012 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

Tgt Ion:139 Resp: 258
Ion Ratio Lower Upper
139 100
109 459.9 22.3 33.5#
65 306.1 33.8 50.8#





#27

2,4-Dimethylphenol

Concen: 3.081 ng

RT: 9.437 min Scan# 1105

Delta R.T. 0.053 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

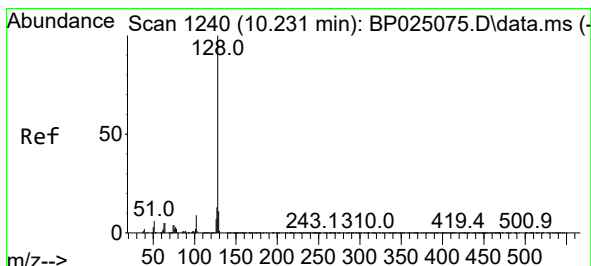
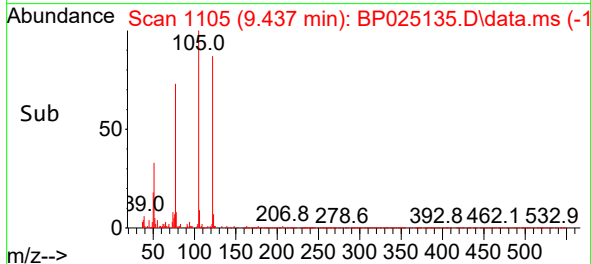
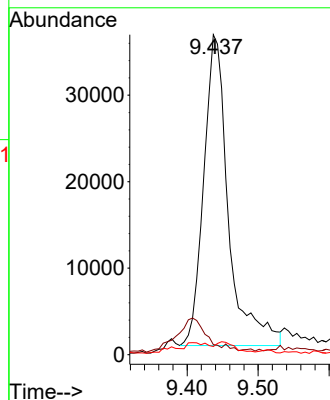
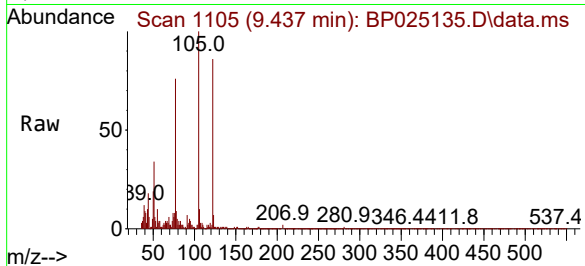
Tgt Ion:122 Resp: 87002

Ion Ratio Lower Upper

122 100

107 3.1 88.2 132.2#

121 2.6 46.1 69.1#



#31

Naphthalene

Concen: 2.422 ng

RT: 10.231 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

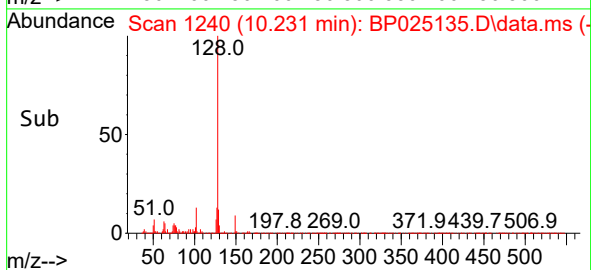
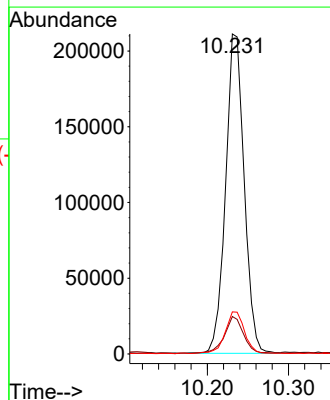
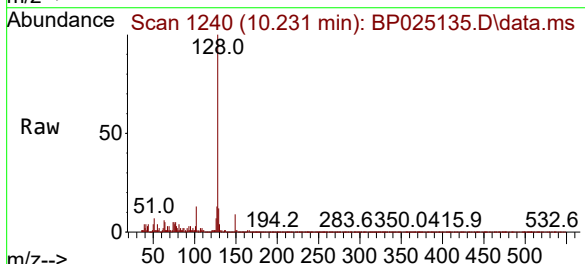
Tgt Ion:128 Resp: 335900

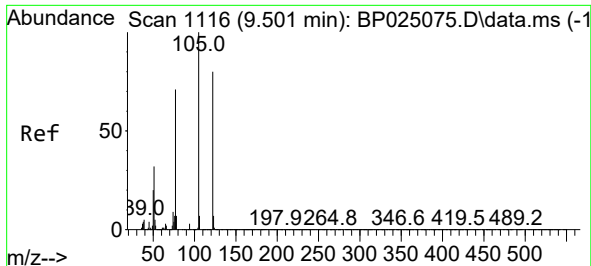
Ion Ratio Lower Upper

128 100

129 11.7 8.9 13.3

127 13.1 10.4 15.6

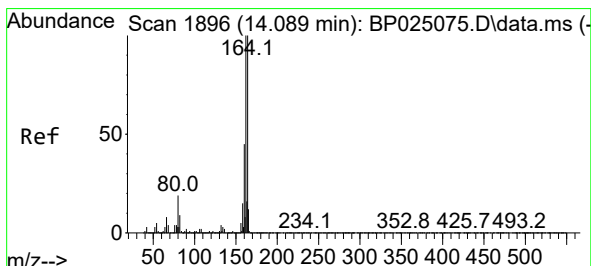
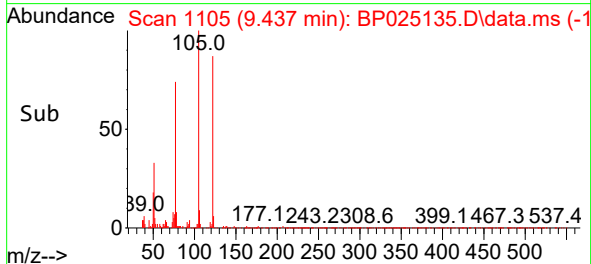
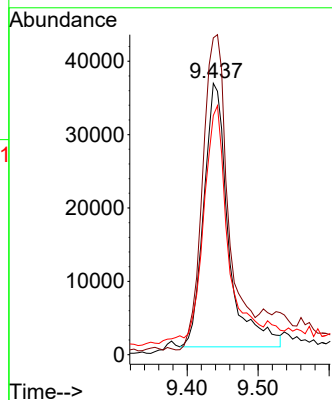
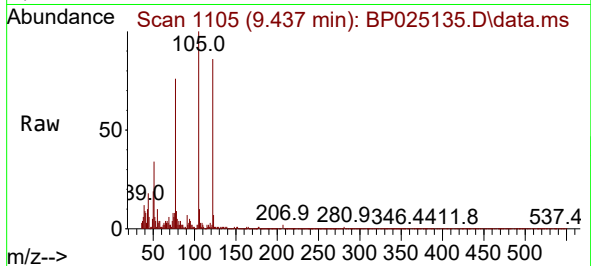




#32
Benzoic acid
Concen: 8.889 ng
RT: 9.437 min Scan# 1116
Delta R.T. -0.064 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

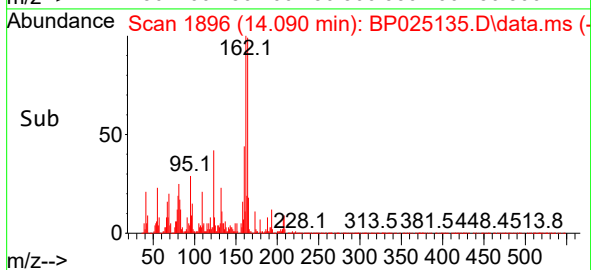
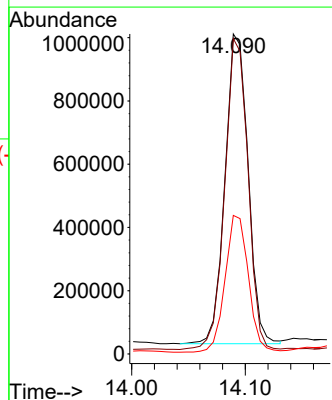
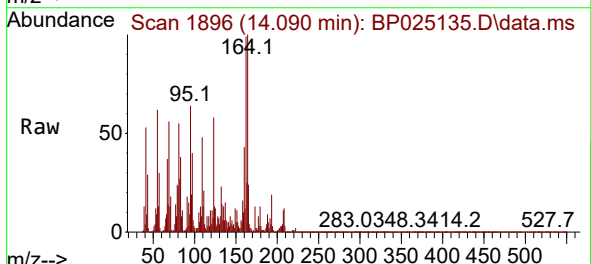
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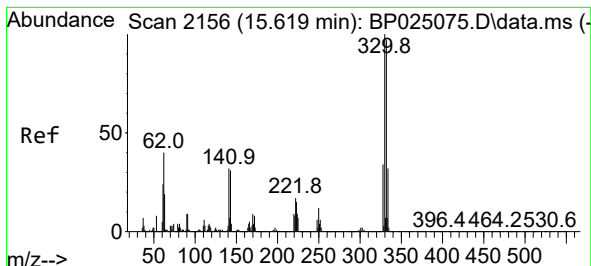
Tgt Ion:122 Resp: 87002
Ion Ratio Lower Upper
122 100
105 116.7 101.0 141.0
77 88.1 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1896
Delta R.T. 0.001 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

Tgt Ion:164 Resp: 1383816
Ion Ratio Lower Upper
164 100
162 98.5 80.3 120.5
160 43.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 86.756 ng

RT: 15.625 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

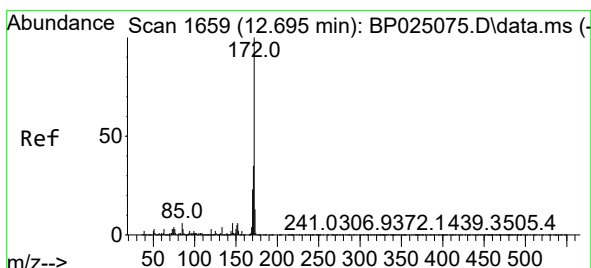
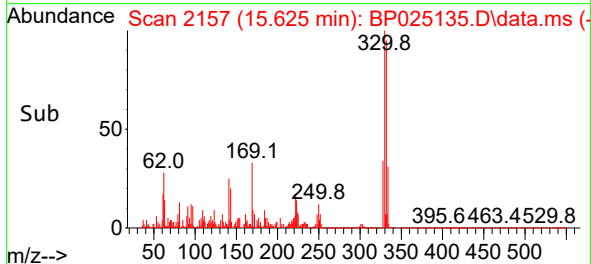
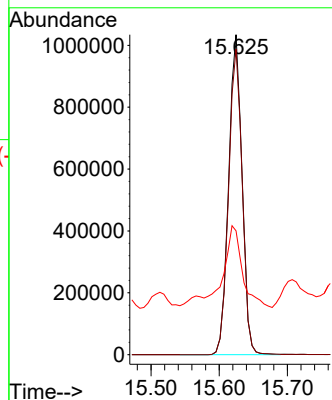
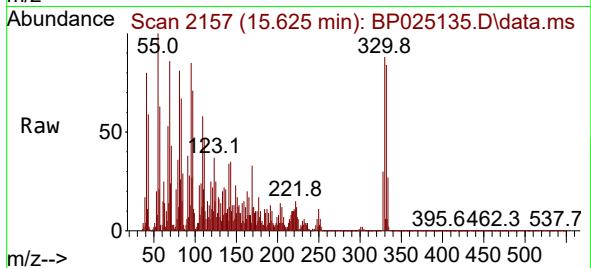
Tgt Ion:330 Resp: 1418249

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 34.9 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 59.235 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

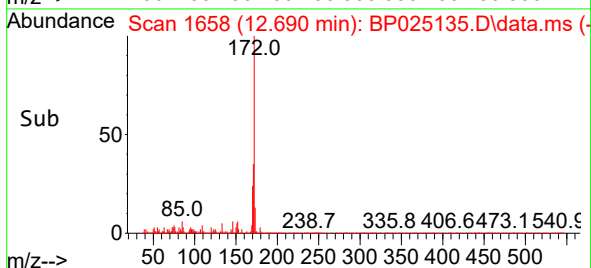
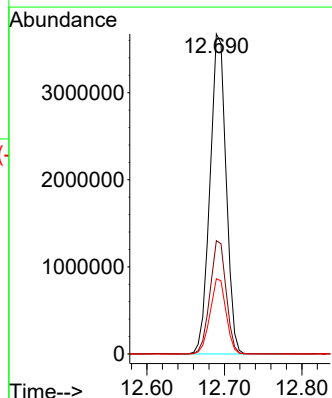
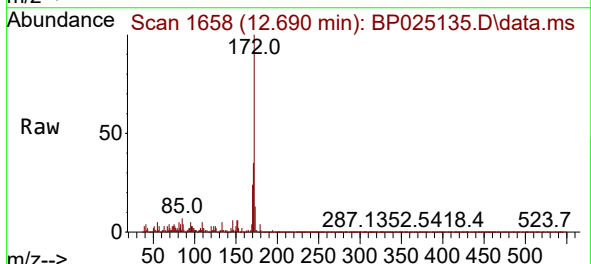
Tgt Ion:172 Resp: 5291262

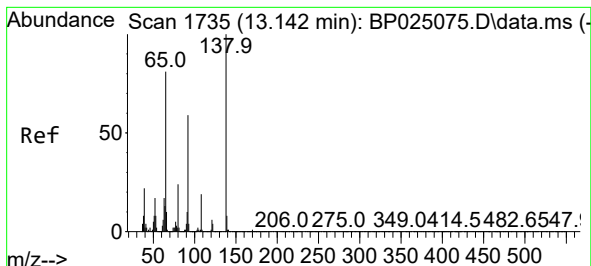
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.7 28.1





#48

2-Nitroaniline

Concen: 3.054 ng

RT: 13.190 min Scan# 1

Delta R.T. 0.048 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

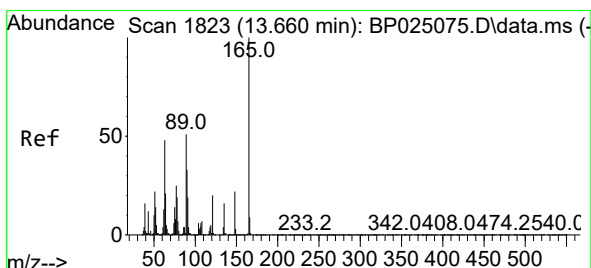
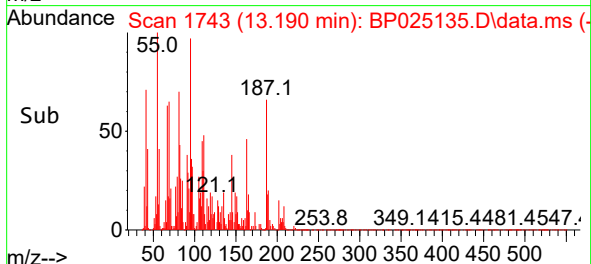
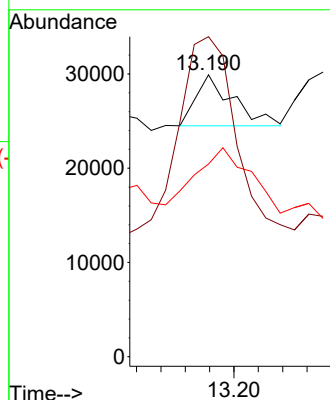
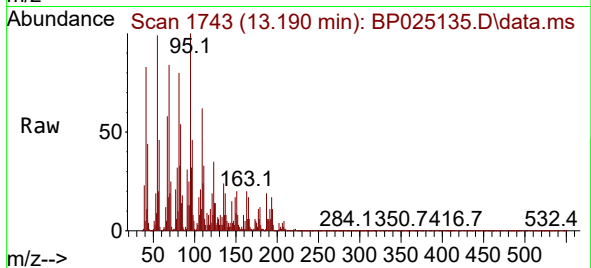
Tgt Ion: 65 Resp: 5694

Ion Ratio Lower Upper

65 100

92 113.5 58.7 88.1#

138 68.3 99.0 148.4#



#51

2,6-Dinitrotoluene

Concen: 12.616 ng

RT: 13.648 min Scan# 1821

Delta R.T. -0.012 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

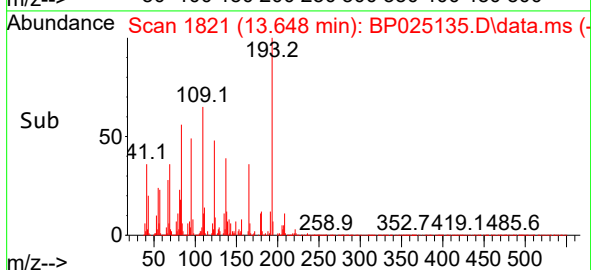
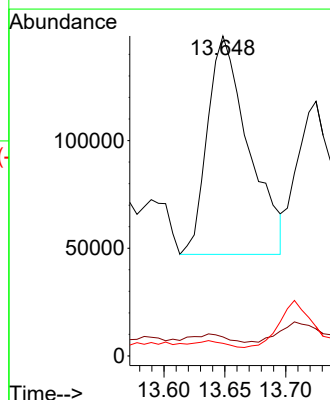
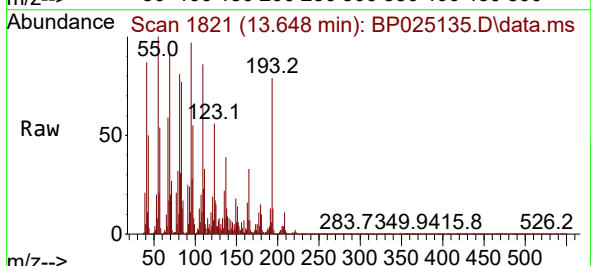
Tgt Ion: 165 Resp: 238343

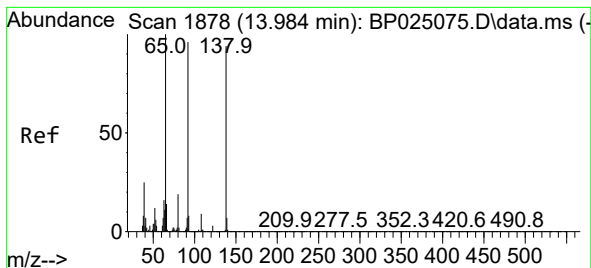
Ion Ratio Lower Upper

165 100

63 5.9 38.5 57.7#

89 4.0 40.6 61.0#





#53

3-Nitroaniline

Concen: 7.343 ng

RT: 14.013 min Scan# 1883

Delta R.T. 0.029 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

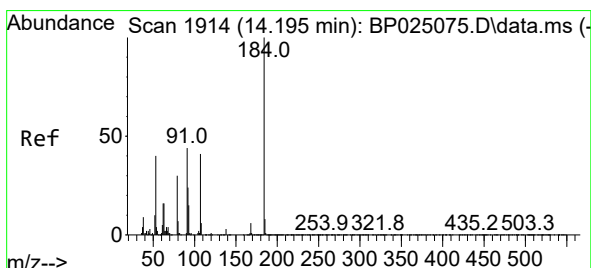
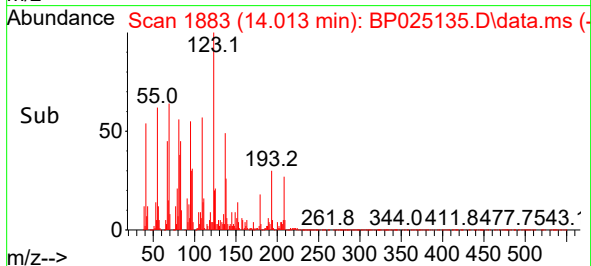
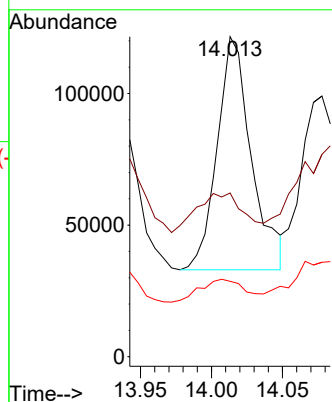
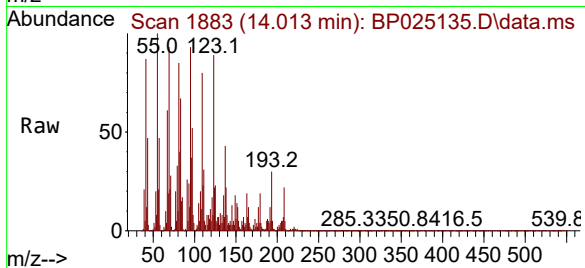
Tgt Ion:138 Resp: 148664

Ion Ratio Lower Upper

138 100

108 51.2 7.8 11.8#

92 23.5 81.0 121.4#



#54

2,4-Dinitrophenol

Concen: 5.557 ng

RT: 14.207 min Scan# 1916

Delta R.T. 0.012 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

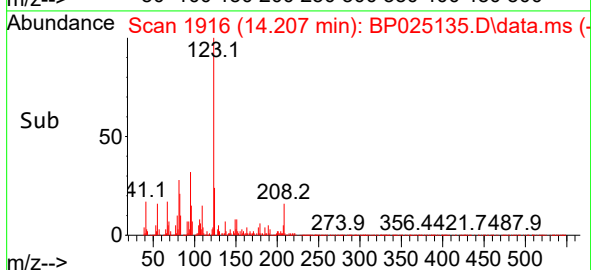
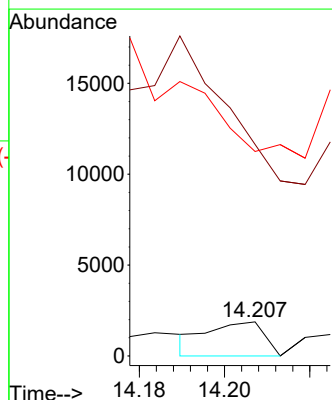
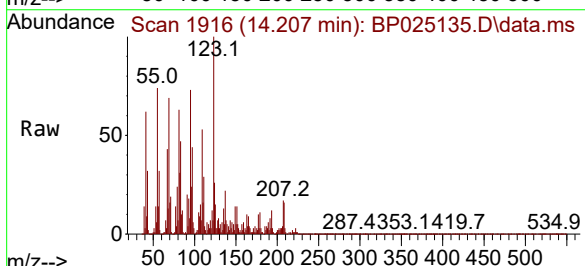
Tgt Ion:184 Resp: 1705

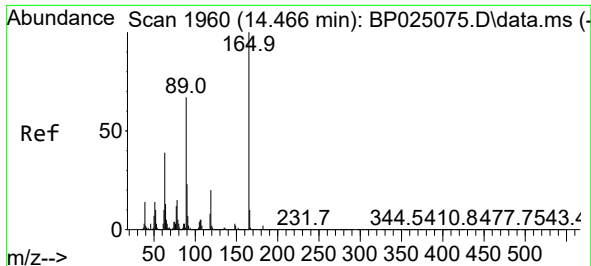
Ion Ratio Lower Upper

184 100

63 620.6 47.4 71.0#

154 599.6 47.8 71.8#





#57

2,4-Dinitrotoluene

Concen: 5.208 ng

RT: 14.454 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP025135.D

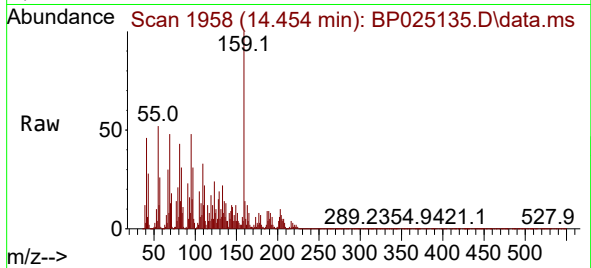
Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039



Tgt Ion:165 Resp: 75438

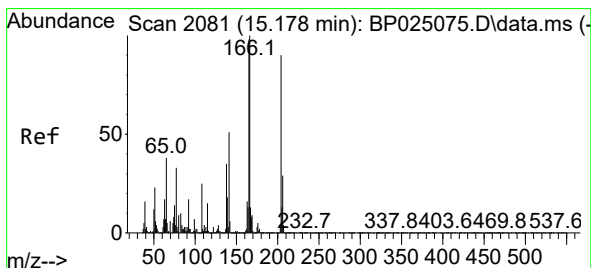
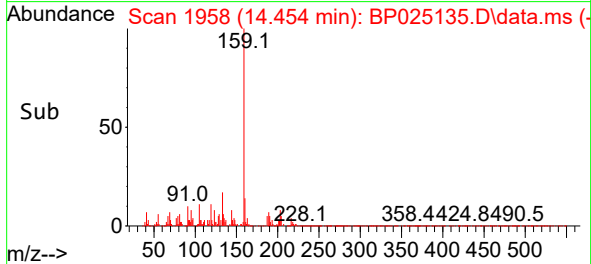
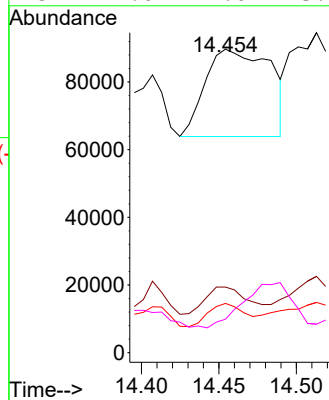
Ion Ratio Lower Upper

165 100

63 21.6 31.0 46.4#

89 16.2 53.4 80.0#

182 11.0 2.0 3.0#



#61

4-Chlorophenyl-phenylether

Concen: 2.679 ng

RT: 15.201 min Scan# 2085

Delta R.T. 0.024 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

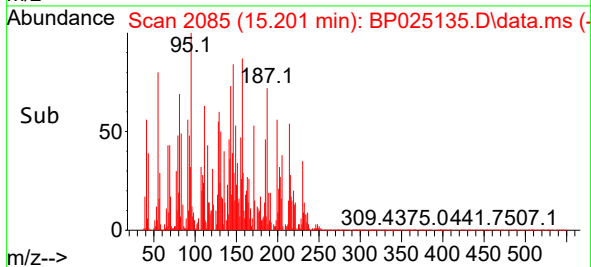
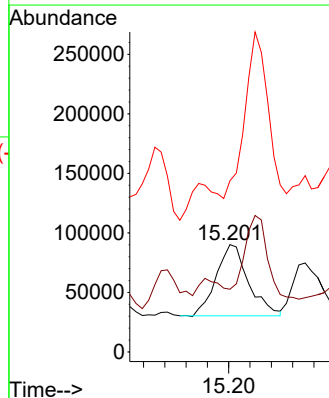
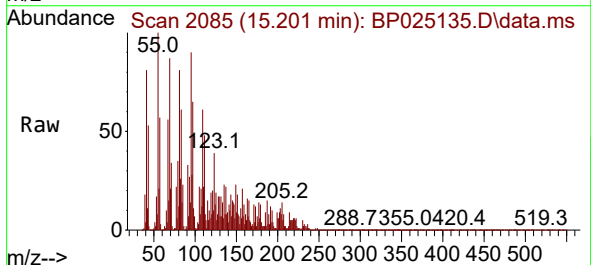
Tgt Ion:204 Resp: 126321

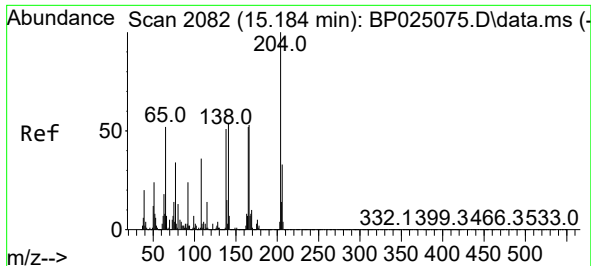
Ion Ratio Lower Upper

204 100

206 58.5 25.8 38.6#

141 159.5 45.1 67.7#

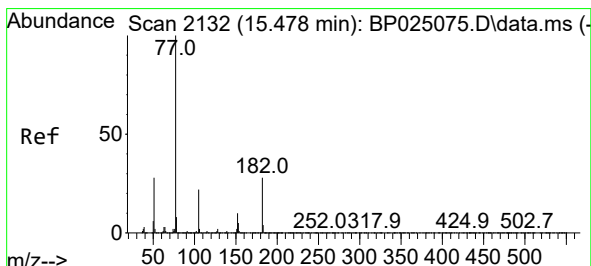
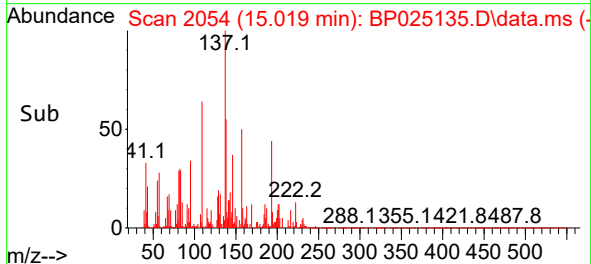
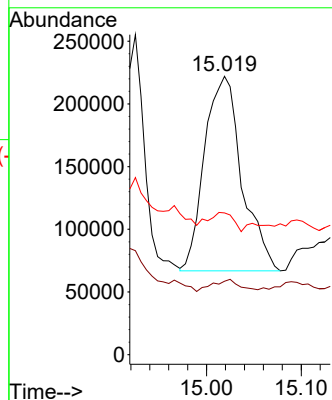
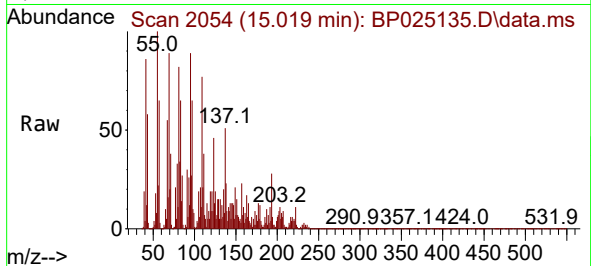




#62
4-Nitroaniline
Concen: 20.071 ng
RT: 15.019 min Scan# 2082
Delta R.T. -0.165 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

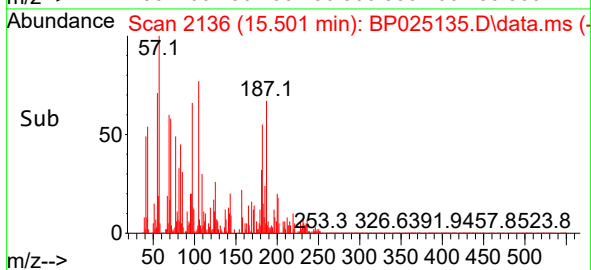
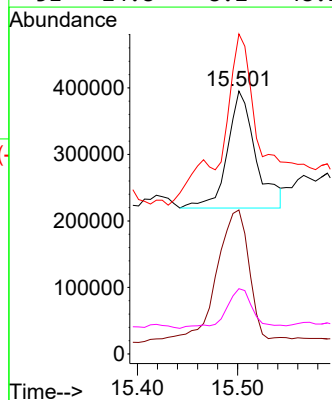
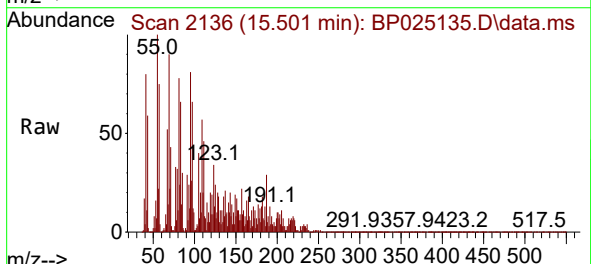
Instrument :
BNA_P
ClientSampleId :
ARS20-0039

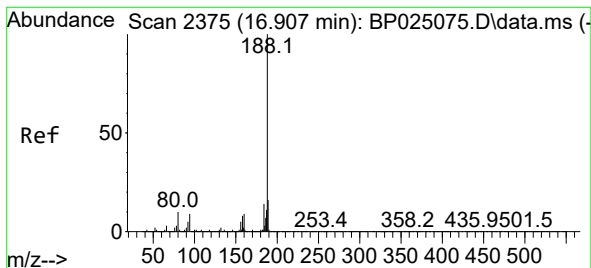
Tgt Ion:138 Resp: 426097
Ion Ratio Lower Upper
138 100
92 26.4 26.0 66.0
108 50.9 50.0 90.0



#63
Azobenzene
Concen: 3.955 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.024 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

Tgt Ion: 77 Resp: 342686
Ion Ratio Lower Upper
77 100
182 54.8 7.7 47.7#
105 121.8 1.9 41.9#
51 24.8 8.2 48.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.931 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

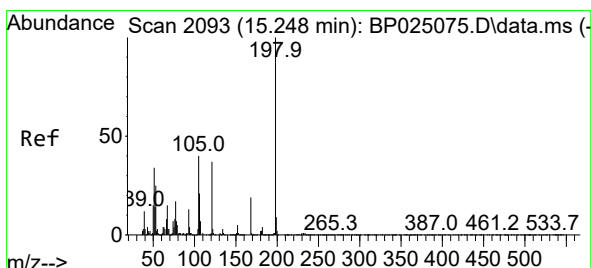
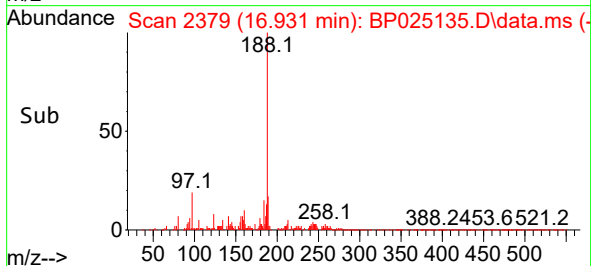
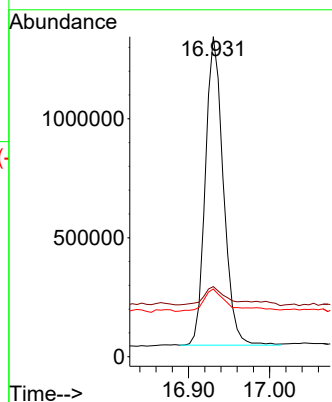
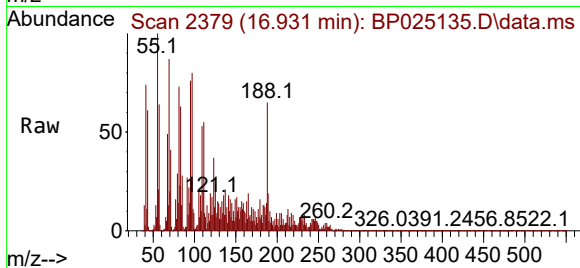
Tgt Ion:188 Resp: 1992289

Ion Ratio Lower Upper

188 100

94 21.9 7.3 10.9#

80 21.1 7.8 11.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.788 ng

RT: 15.307 min Scan# 2103

Delta R.T. 0.059 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

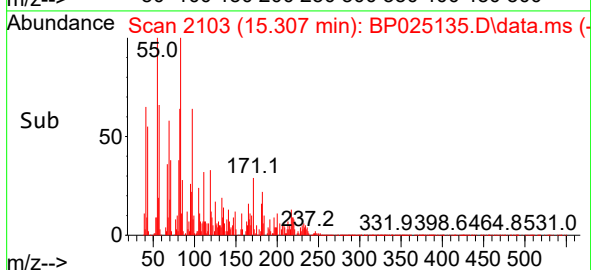
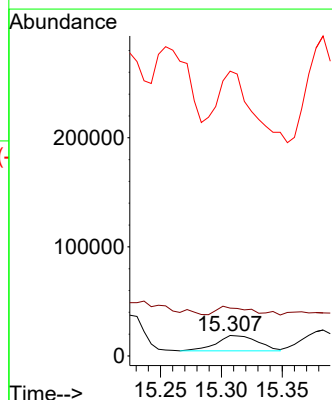
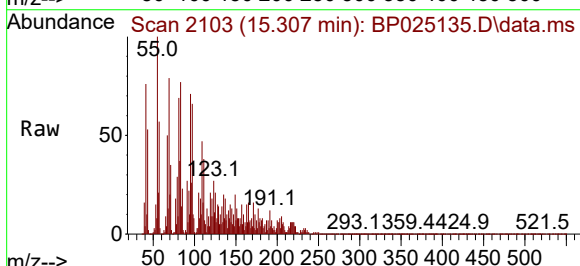
Tgt Ion:198 Resp: 32927

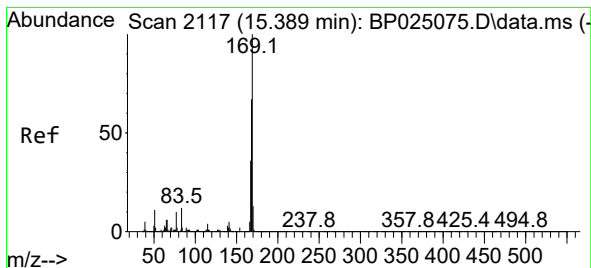
Ion Ratio Lower Upper

198 100

51 233.3 16.8 56.8#

105 1388.3 20.8 60.8#





#66

n-Nitrosodiphenylamine

Concen: 7.886 ng

RT: 15.419 min Scan# 2117

Delta R.T. 0.029 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

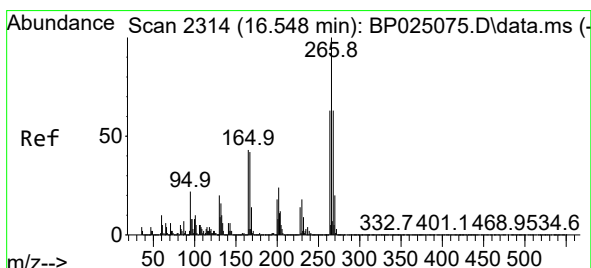
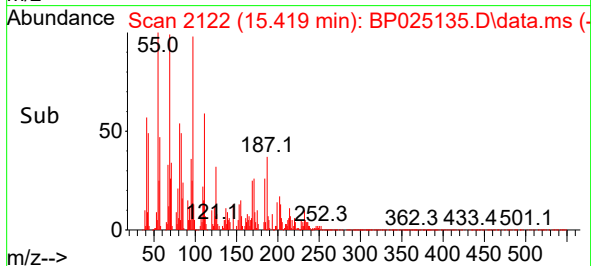
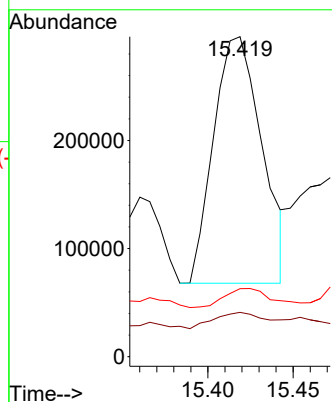
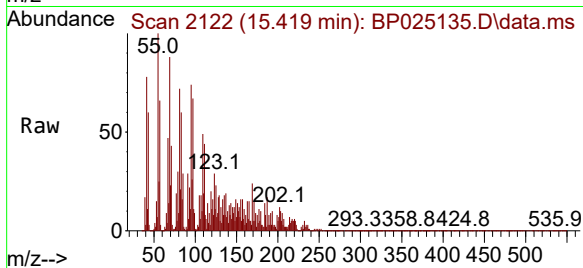
Tgt Ion:169 Resp: 449620

Ion Ratio Lower Upper

169 100

168 13.8 54.1 81.1#

167 21.3 29.0 43.6#



#70

Pentachlorophenol

Concen: 2.023 ng

RT: 16.584 min Scan# 2320

Delta R.T. 0.035 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

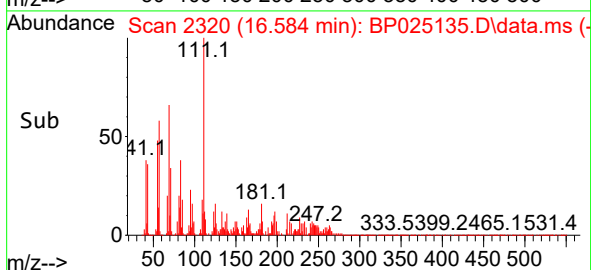
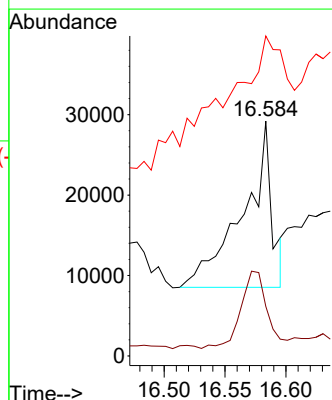
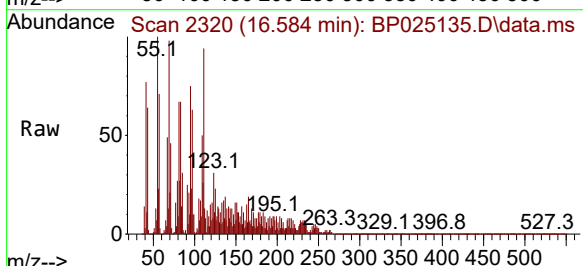
Tgt Ion:266 Resp: 34057

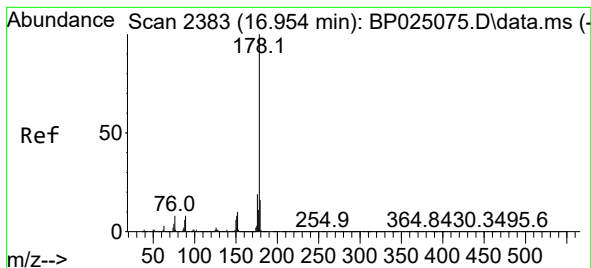
Ion Ratio Lower Upper

266 100

268 21.1 50.4 75.6#

264 136.2 50.2 75.2#





#71

Phenanthrene

Concen: 8.574 ng

RT: 16.978 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

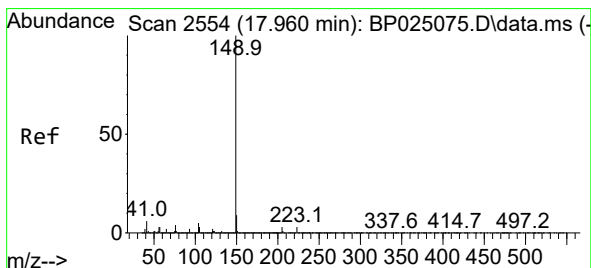
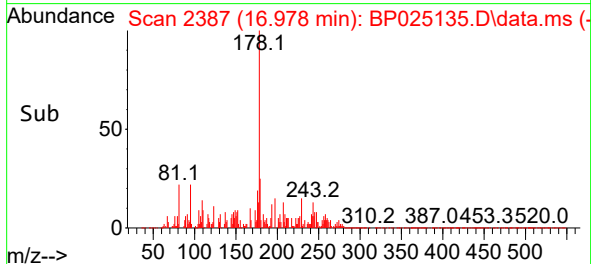
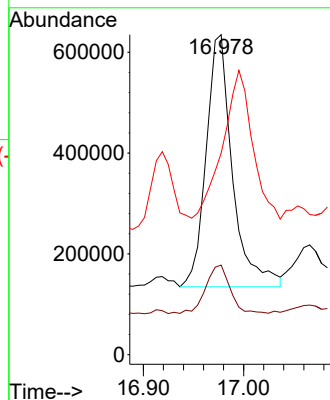
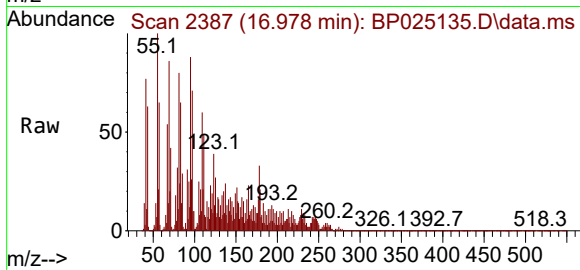
Tgt Ion:178 Resp: 912751

Ion Ratio Lower Upper

178 100

176 28.0 15.4 23.2#

179 63.0 12.6 19.0#



#74

Di-n-butylphthalate

Concen: 3.756 ng

RT: 17.972 min Scan# 2556

Delta R.T. 0.012 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

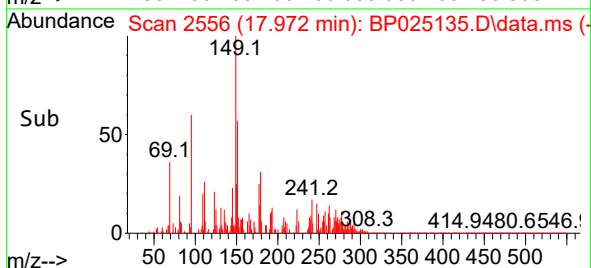
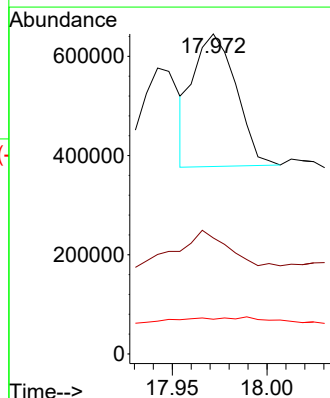
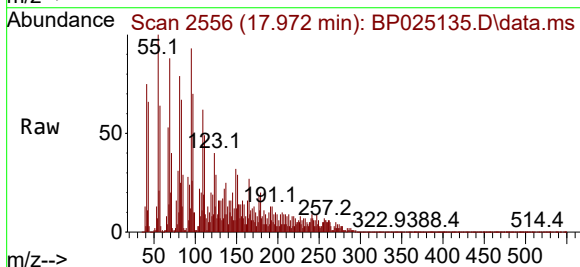
Tgt Ion:149 Resp: 417724

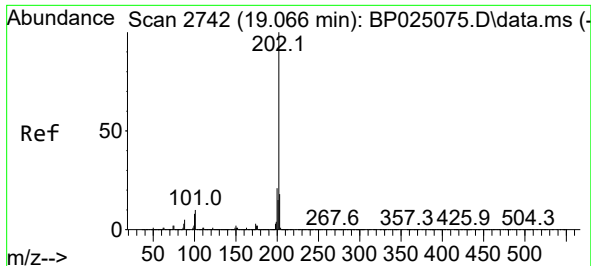
Ion Ratio Lower Upper

149 100

150 36.3 7.3 10.9#

104 10.9 3.8 5.6#

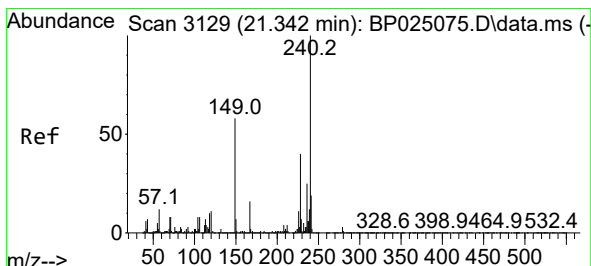
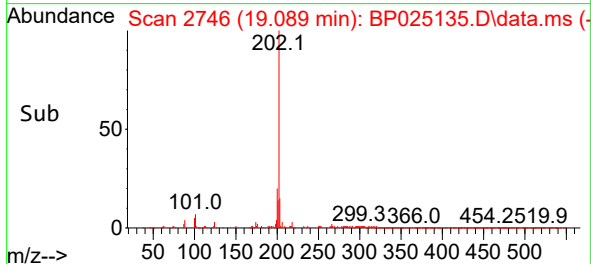
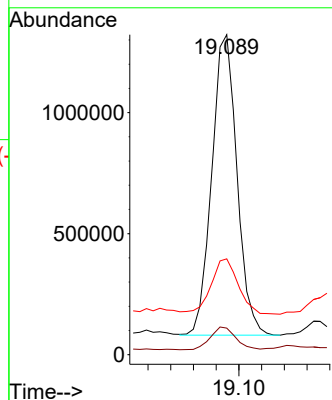
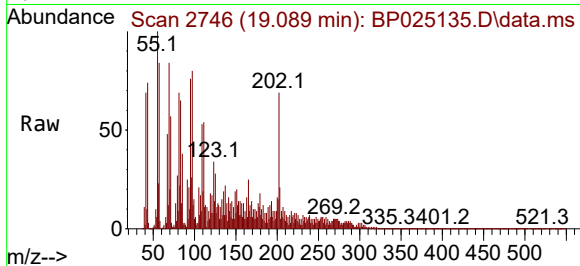




#75
Fluoranthene
Concen: 15.340 ng
RT: 19.089 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

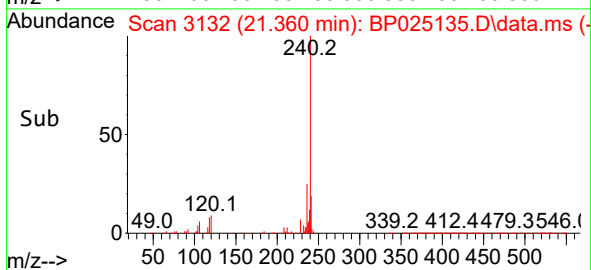
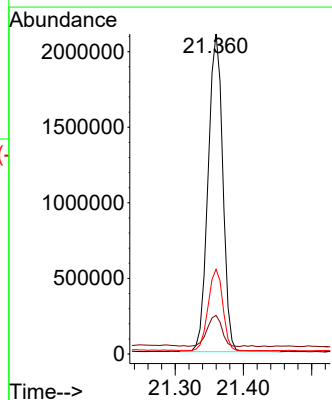
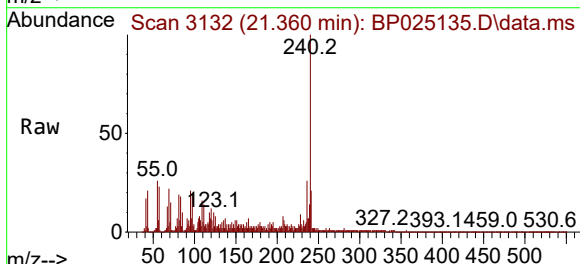
Instrument :
BNA_P
ClientSampleId :
ARS20-0039

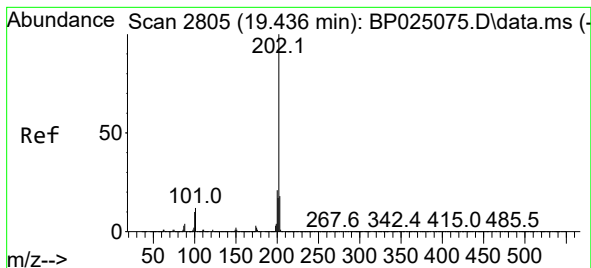
Tgt Ion:202 Resp: 1908920
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.4
203 30.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

Tgt Ion:240 Resp: 3152088
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 26.5 20.3 30.5





#78

Pyrene

Concen: 9.066 ng

RT: 19.460 min Scan# 2809

Delta R.T. 0.024 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

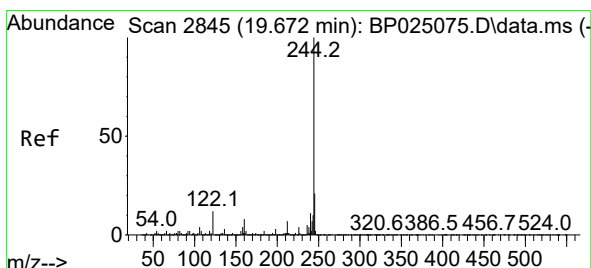
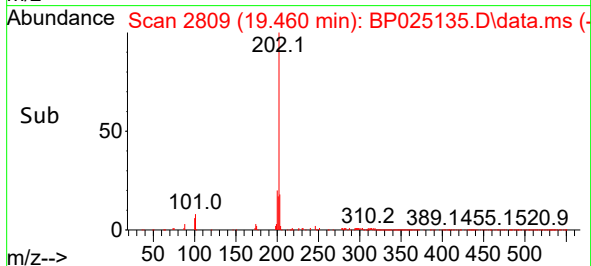
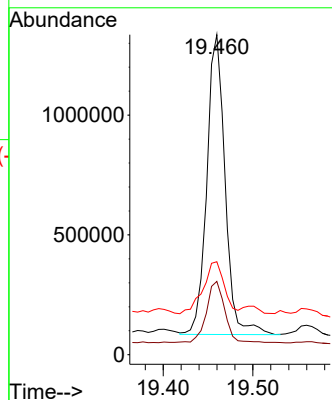
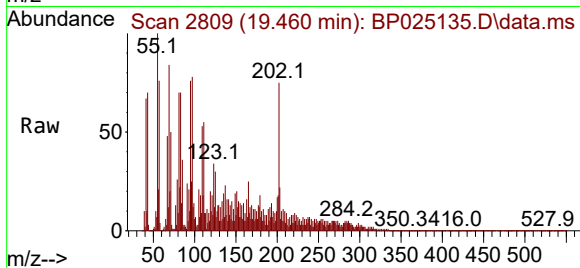
Tgt Ion:202 Resp: 1770002

Ion Ratio Lower Upper

202 100

200 22.9 17.1 25.7

203 29.1 14.1 21.1#



#79

Terphenyl-d14

Concen: 46.420 ng

RT: 19.695 min Scan# 2849

Delta R.T. 0.024 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

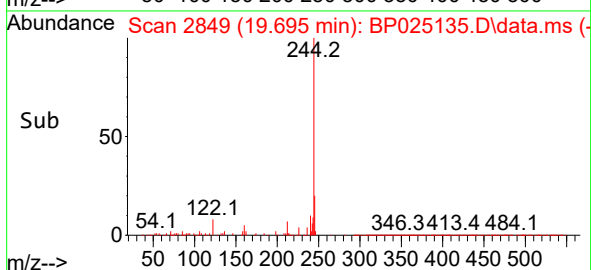
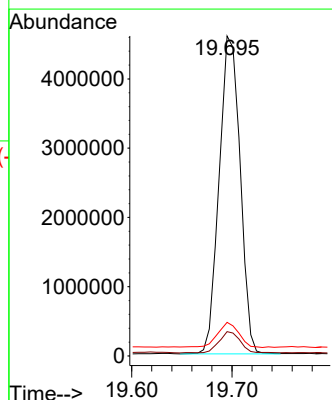
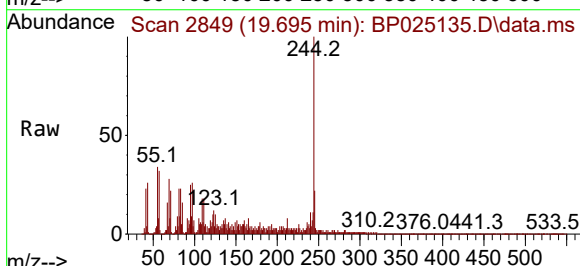
Tgt Ion:244 Resp: 6657583

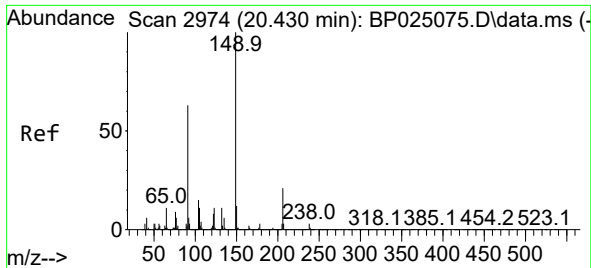
Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 10.5 9.4 14.2

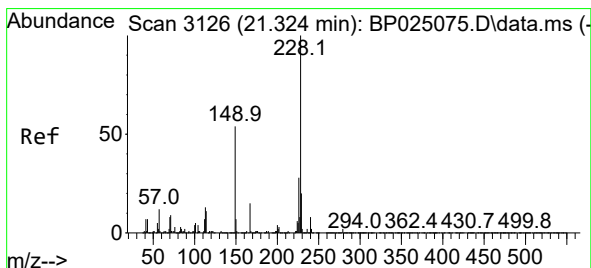
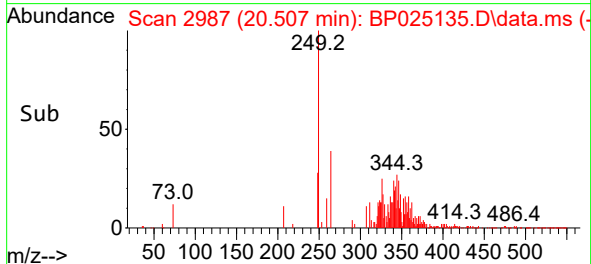
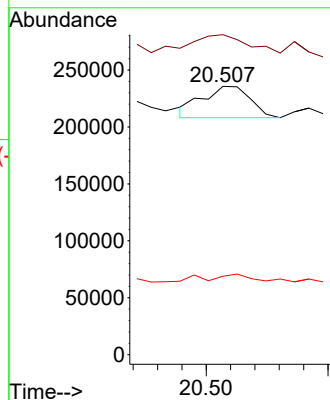
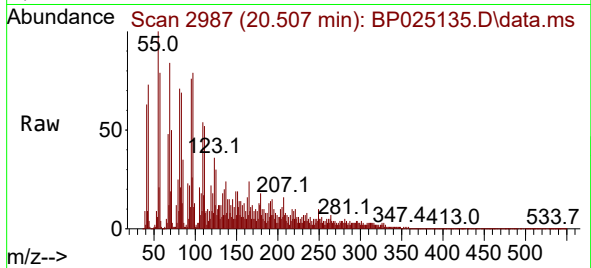




#80
Butylbenzylphthalate
Concen: 4.147 ng
RT: 20.507 min Scan# 2987
Delta R.T. 0.077 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

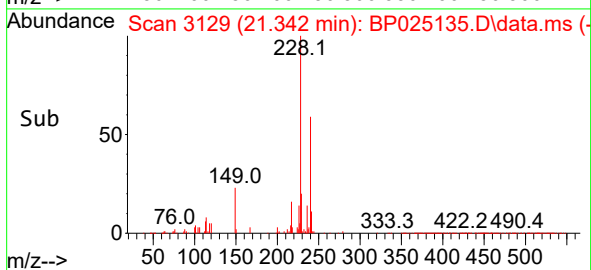
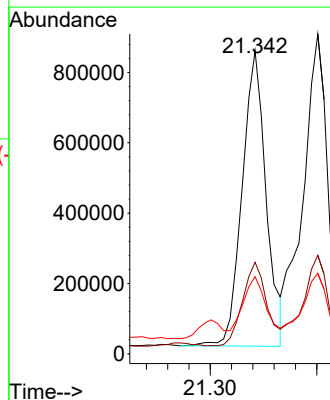
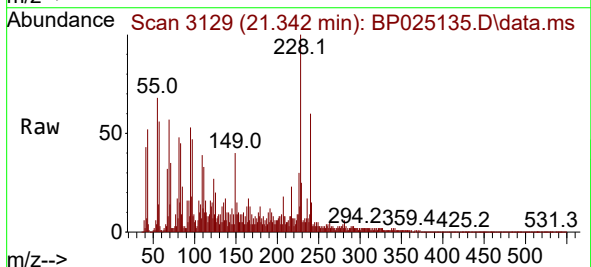
Instrument :
BNA_P
ClientSampleId :
ARS20-0039

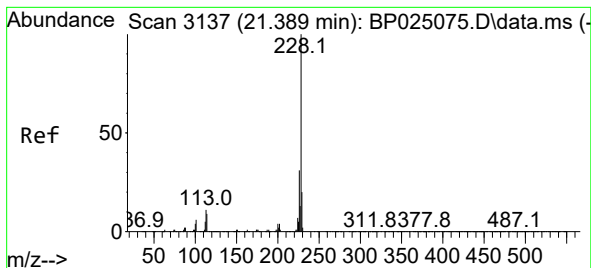
Tgt Ion:149 Resp: 37894
Ion Ratio Lower Upper
149 100
91 119.3 50.6 76.0#
206 29.2 17.2 25.8#



#81
Benzo(a)anthracene
Concen: 6.867 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025135.D
Acq: 15 Jul 2025 01:22

Tgt Ion:228 Resp: 1311759
Ion Ratio Lower Upper
228 100
226 30.3 22.1 33.1
229 25.5 16.0 24.0#





#83

Chrysene

Concen: 7.809 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.012 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

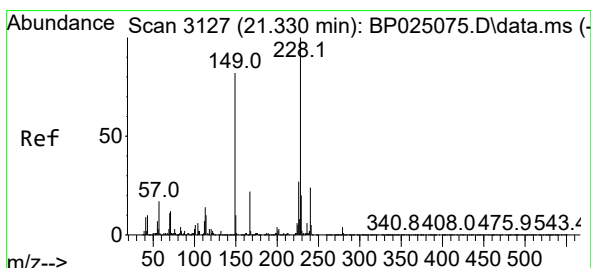
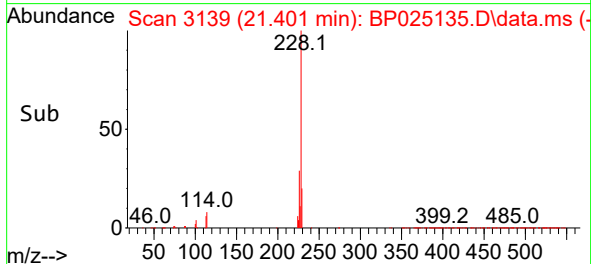
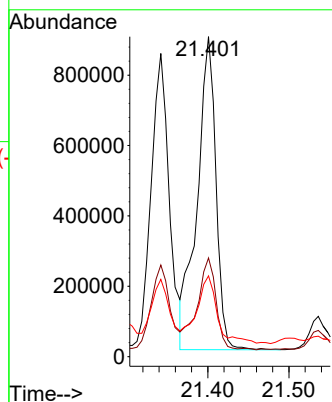
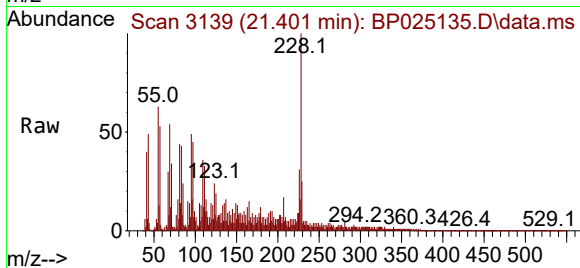
Tgt Ion:228 Resp: 1435492

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 25.3 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.571 ng

RT: 21.319 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

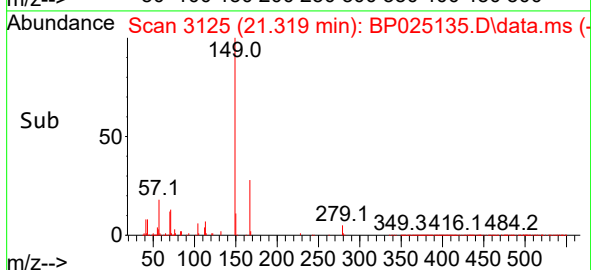
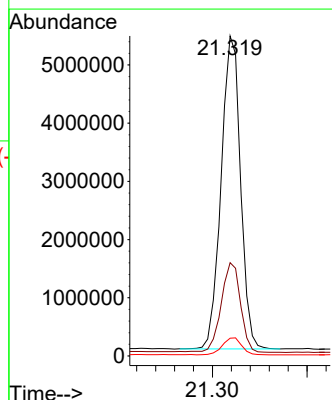
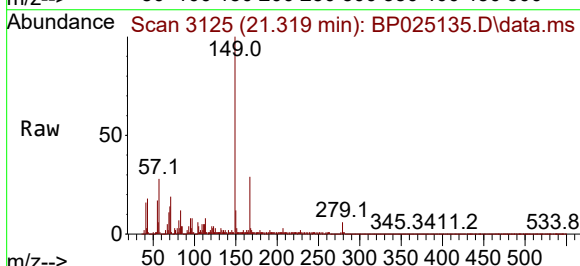
Tgt Ion:149 Resp: 7640708

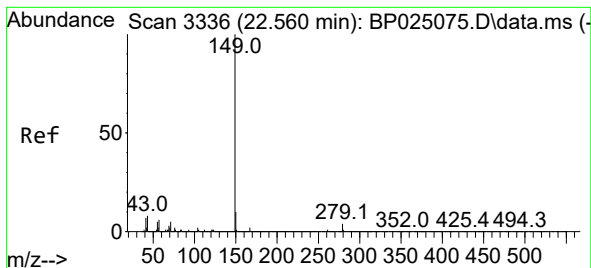
Ion Ratio Lower Upper

149 100

167 29.2 21.9 32.9

279 5.5 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 6.549 ng

RT: 22.566 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

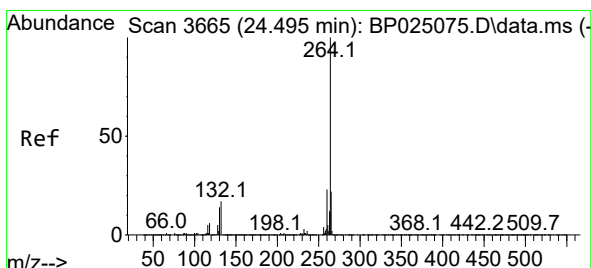
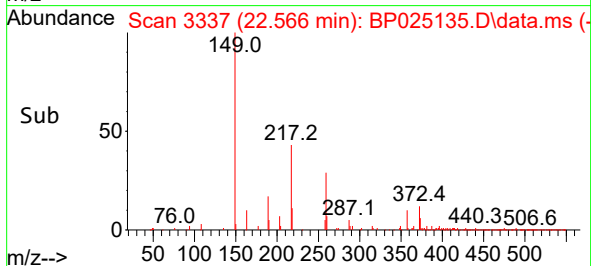
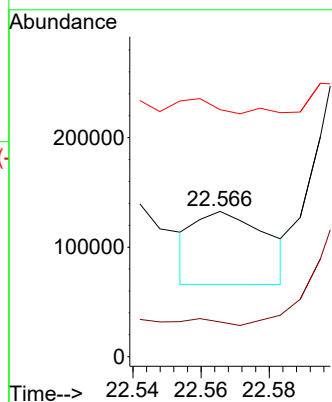
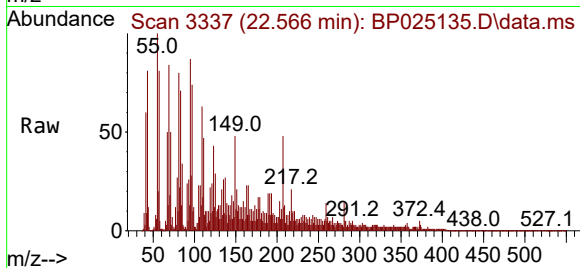
Tgt Ion:149 Resp: 96939

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.483 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

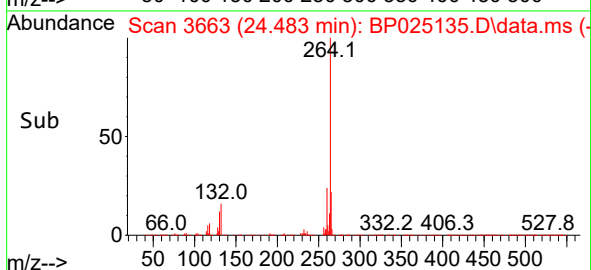
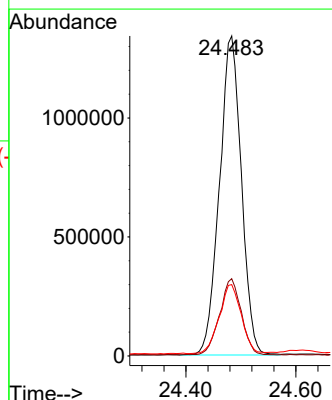
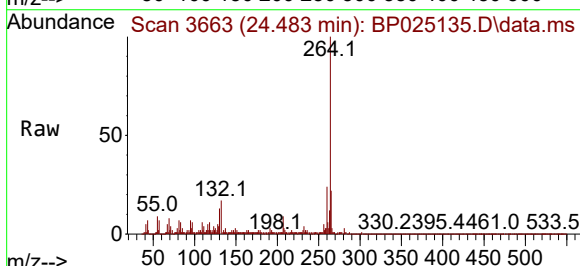
Tgt Ion:264 Resp: 3713074

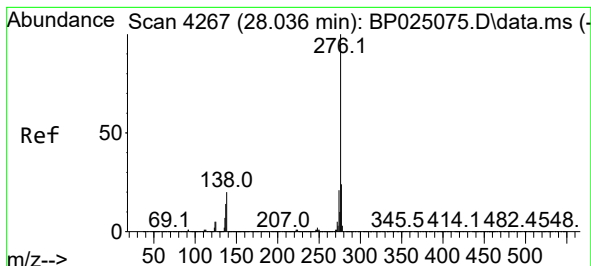
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.708 ng

RT: 27.989 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

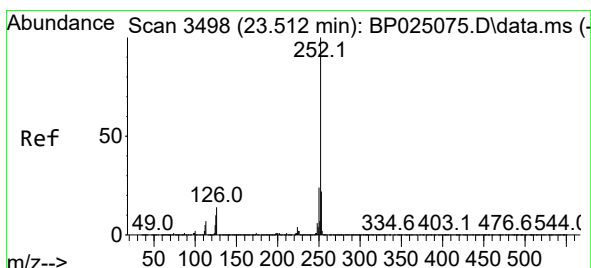
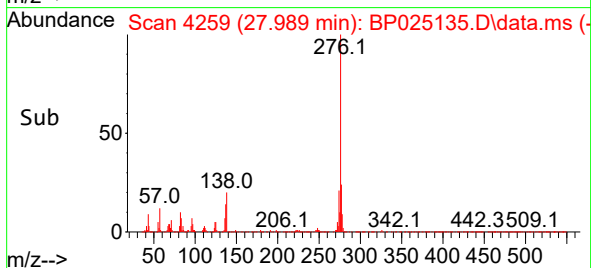
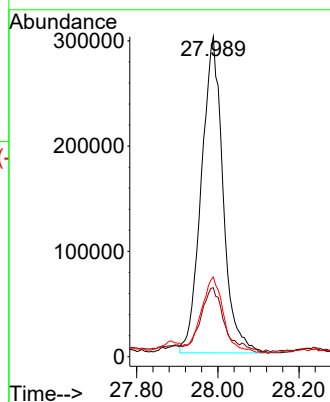
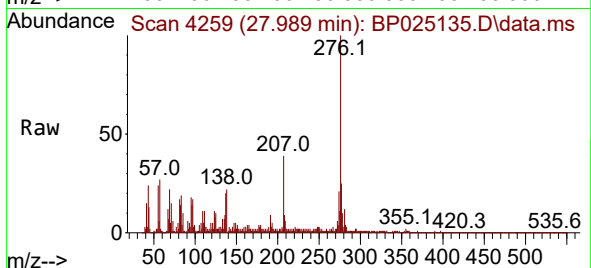
Tgt Ion:276 Resp: 1113556

Ion Ratio Lower Upper

276 100

138 21.7 13.0 19.6#

277 25.1 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 10.243 ng

RT: 23.495 min Scan# 3495

Delta R.T. -0.018 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

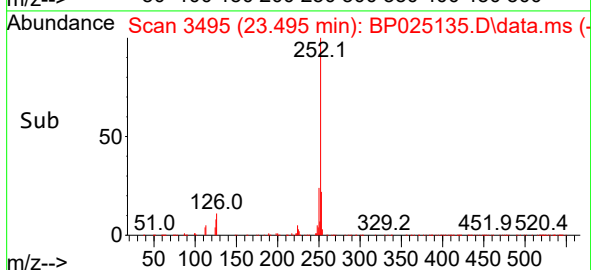
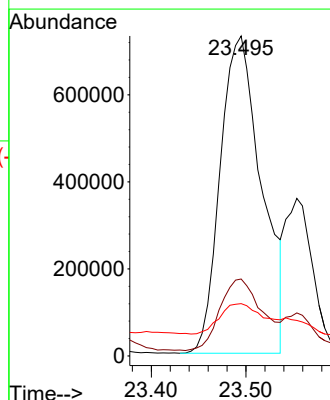
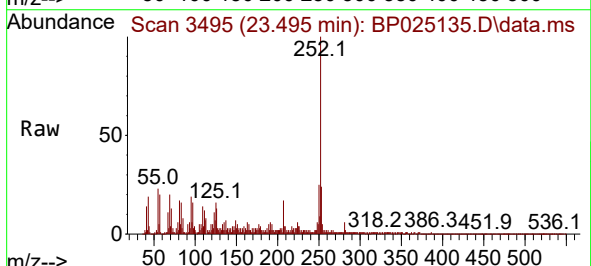
Tgt Ion:252 Resp: 2213794

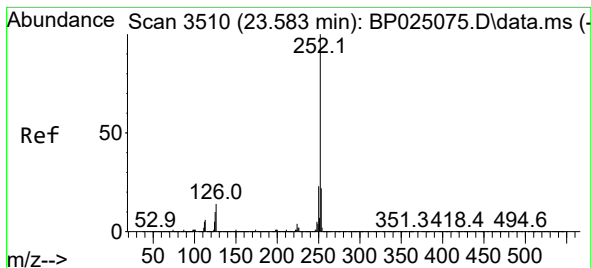
Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 16.4 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 3.234 ng

RT: 23.554 min Scan# 3

Delta R.T. -0.029 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039

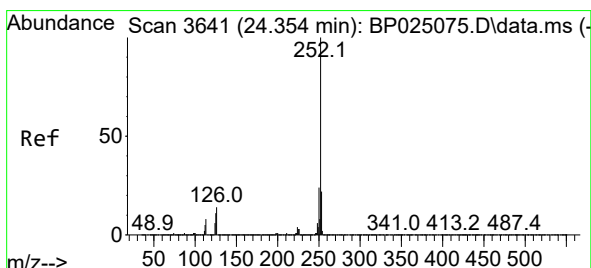
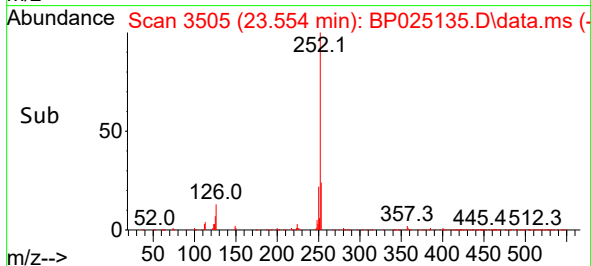
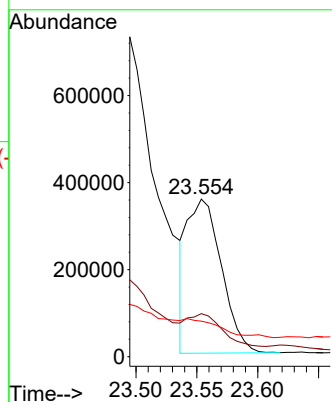
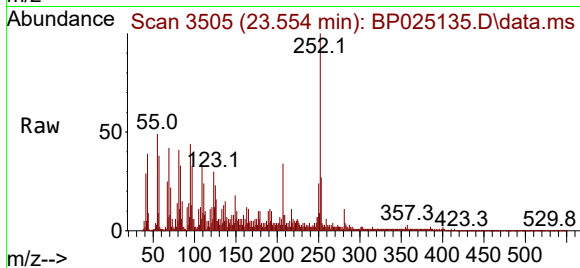
Tgt Ion:252 Resp: 695375

Ion Ratio Lower Upper

252 100

253 27.3 17.7 26.5#

125 22.5 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 7.772 ng

RT: 24.324 min Scan# 3636

Delta R.T. -0.029 min

Lab File: BP025135.D

Acq: 15 Jul 2025 01:22

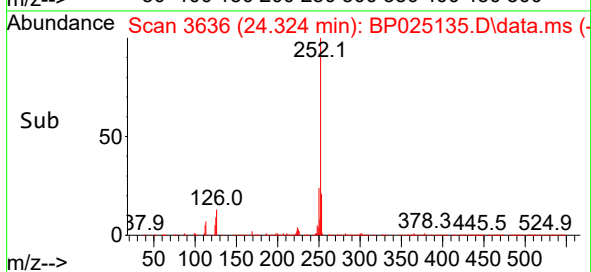
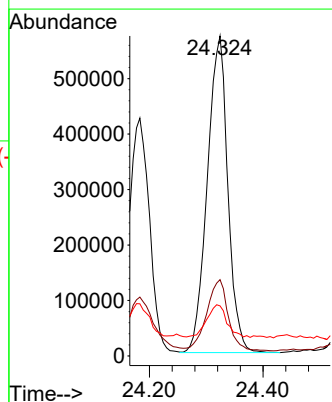
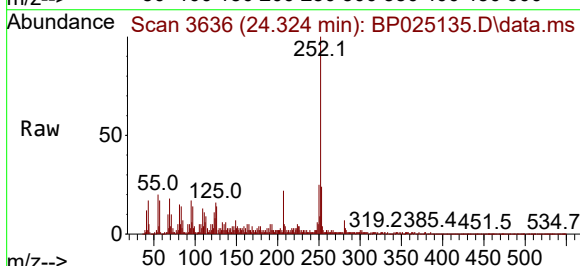
Tgt Ion:252 Resp: 1429587

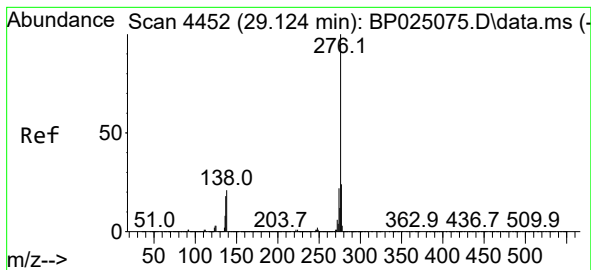
Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

125 15.7 9.0 13.4#





#92

Benzo(g,h,i)perylene

Concen: 5.301 ng

RT: 29.077 min Scan# 44

Delta R.T. -0.047 min

Lab File: BP025135.D

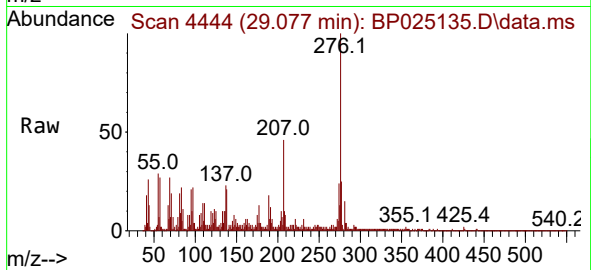
Acq: 15 Jul 2025 01:22

Instrument :

BNA_P

ClientSampleId :

ARS20-0039



Tgt Ion:276 Resp: 1070643

Ion Ratio Lower Upper

276 100

277 25.0 19.3 28.9

138 20.7 16.9 25.3

