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 Data File : BP025319.D
 Acq On : 07 Aug 2025 18:34
 Operator : CG/JU
 Sample : Q2774-03DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

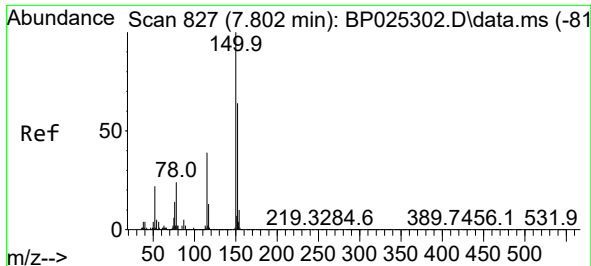
Instrument :
 BNA_P
 ClientSampleId :
 256DL

Quant Time: Aug 08 01:04:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	263056	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1101191	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	697078	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1283580	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1300840	20.000	ng	0.00
86) Perylene-d12	25.042	264	1454069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	100522	6.146	ng	0.00
7) Phenol-d6	6.961	99	134344	6.241	ng	0.00
23) Nitrobenzene-d5	8.937	82	84770	4.265	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	48434	6.965	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	214989	4.260	ng	0.00
79) Terphenyl-d14	19.936	244	294690	4.279	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.713	139	15	3.640	ng	# 1
32) Benzoic acid	9.772	122	917	6.054	ng	83
48) 2-Nitroaniline	13.419	65	79	2.970	ng	83
57) 2,4-Dinitrotoluene	14.784	165	346	3.277	ng	# 68
65) 4,6-Dinitro-2-methylph...	15.554	198	105	4.856	ng	# 1
71) Phenanthrene	17.260	178	716944	10.198	ng	98
72) Anthracene	17.260	178	716944	10.114	ng	99
75) Fluoranthene	19.342	202	2121366	26.066	ng	98
78) Pyrene	19.713	202	1848020	21.364	ng	99
81) Benzo(a)anthracene	21.642	228	900588	10.418	ng	99
83) Chrysene	21.707	228	1024909	12.783	ng	97
87) Indeno(1,2,3-cd)pyrene	28.871	276	784986	7.532	ng	# 90
88) Benzo(b)fluoranthene	23.983	252	1512053	17.371	ng	99
89) Benzo(k)fluoranthene	24.054	252	483988	5.609	ng	98
90) Benzo(a)pyrene	24.889	252	955402	11.398	ng	99
92) Benzo(g,h,i)perylene	30.059	276	757007	9.037	ng	98

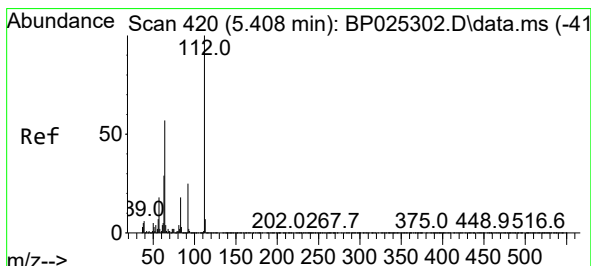
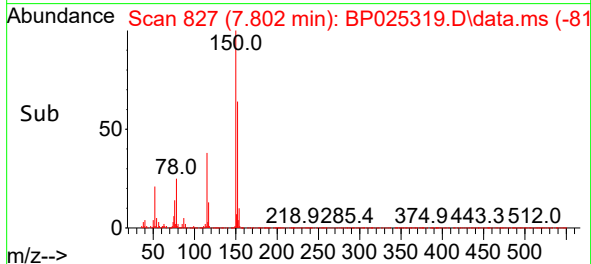
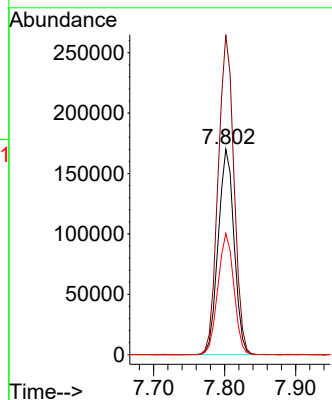
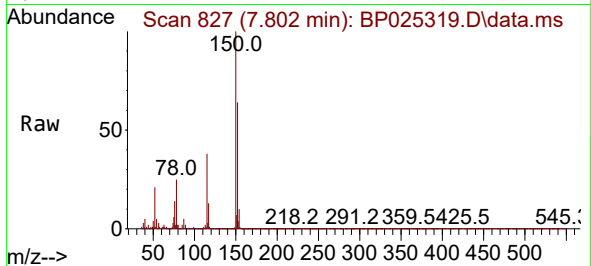
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025319.D
 Acq: 07 Aug 2025 18:34

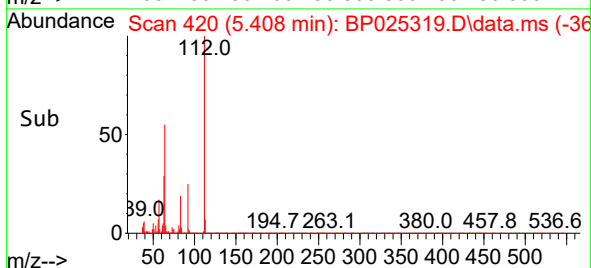
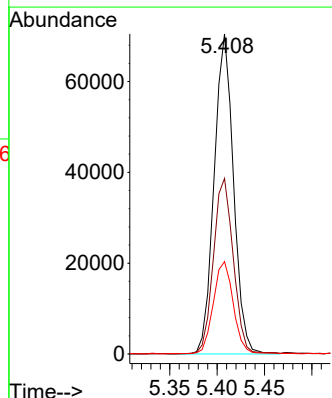
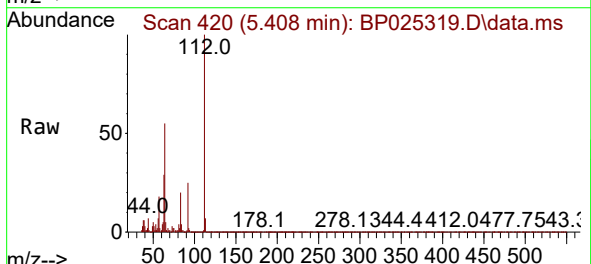
Instrument :
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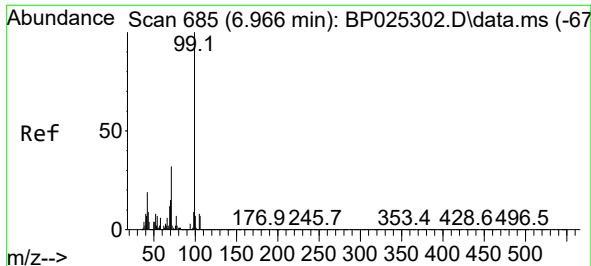
Tgt Ion:152 Resp: 263056
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.1 187.7
 115 59.0 48.4 72.6



#5
 2-Fluorophenol
 Concen: 6.146 ng
 RT: 5.408 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025319.D
 Acq: 07 Aug 2025 18:34

Tgt Ion:112 Resp: 100522
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.3 67.9
 63 28.9 23.0 34.6

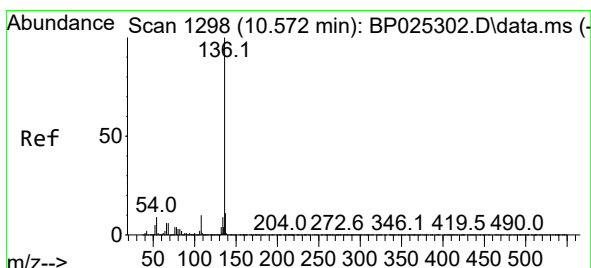
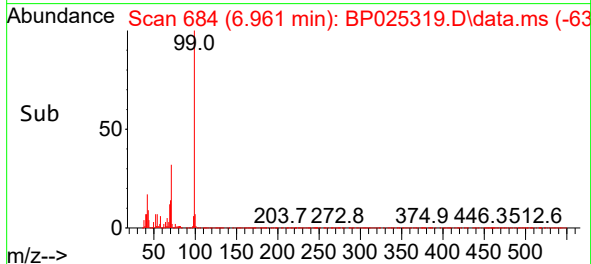
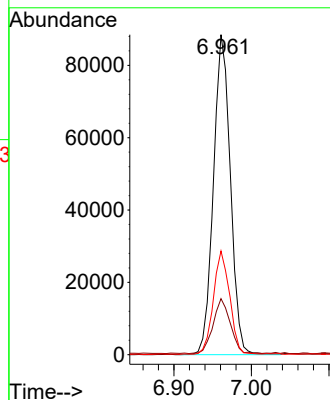
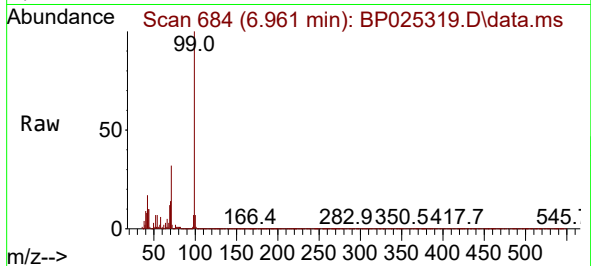




#7
Phenol-d6
Concen: 6.241 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

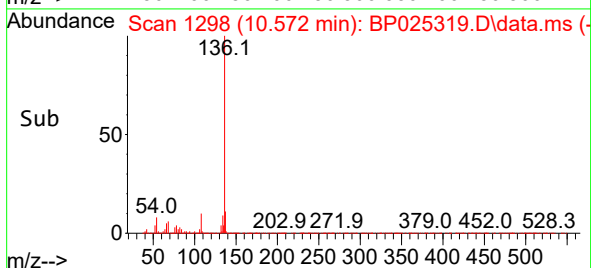
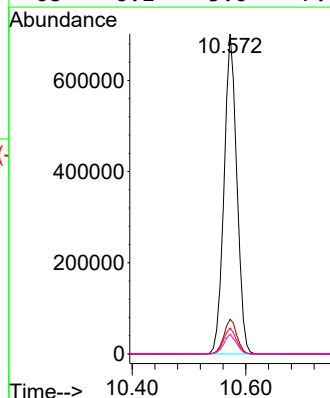
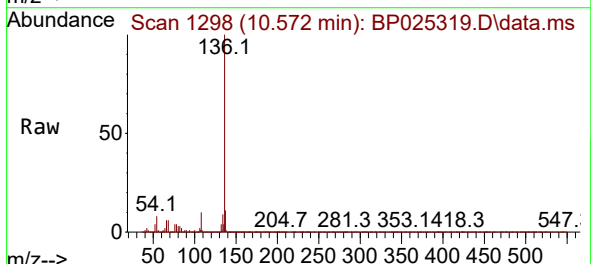
Instrument :
BNA_P
ClientSampleId :
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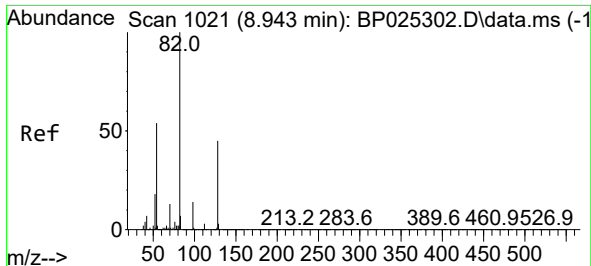
Tgt Ion: 99 Resp: 134344
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 32.4 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion: 136 Resp: 1101191
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 7.0 10.6
68 6.1 5.0 7.6

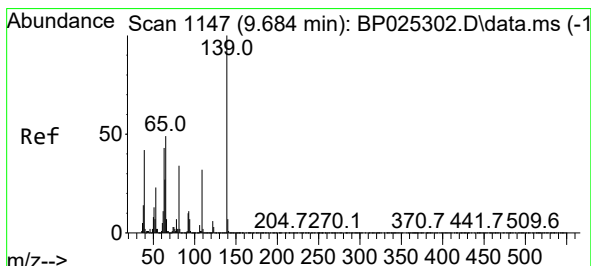
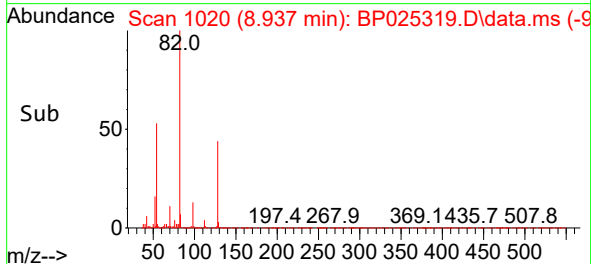
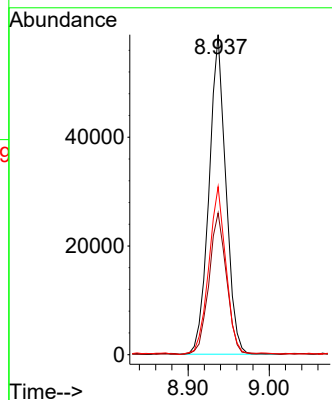
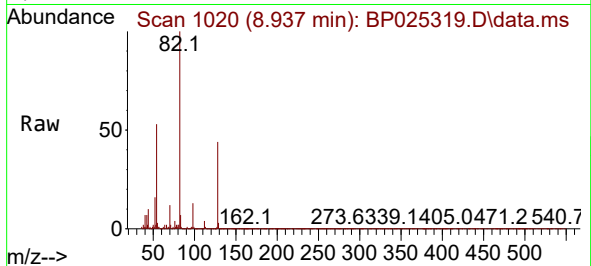




#23
Nitrobenzene-d5
Concen: 4.265 ng
RT: 8.937 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

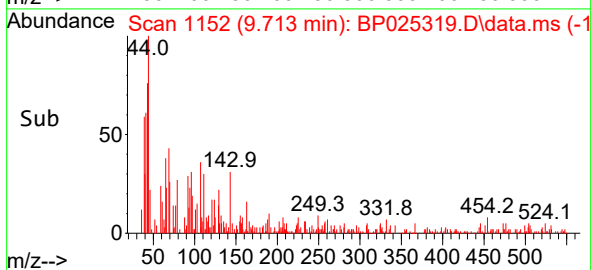
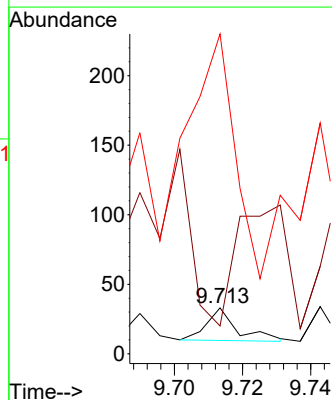
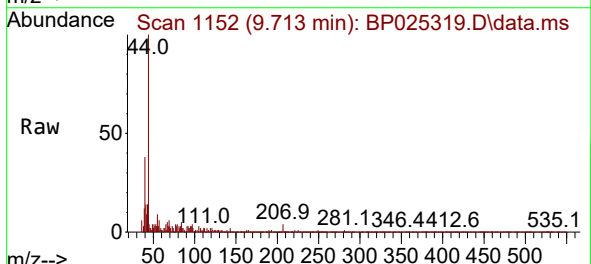
Instrument :
BNA_P
ClientSampleId :
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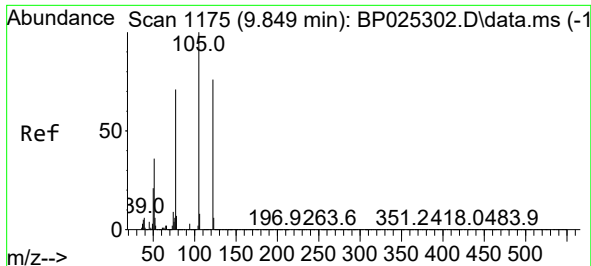
Tgt Ion: 82 Resp: 84770
Ion Ratio Lower Upper
82 100
128 44.3 35.4 53.2
54 52.5 42.9 64.3



#26
2-Nitrophenol
Concen: 3.640 ng
RT: 9.713 min Scan# 1152
Delta R.T. 0.029 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:139 Resp: 15
Ion Ratio Lower Upper
139 100
109 60.6 25.2 37.8#
65 697.0 39.6 59.4#

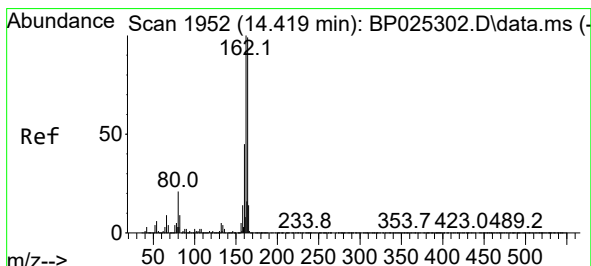
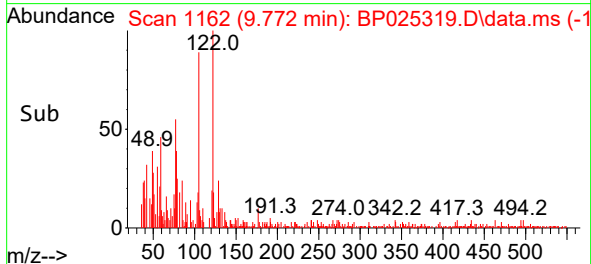
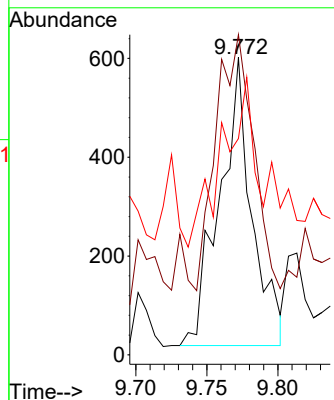
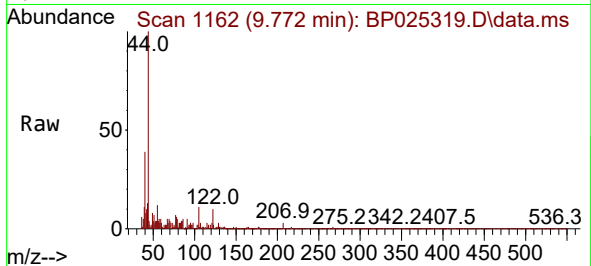




#32
Benzoic acid
Concen: 6.054 ng
RT: 9.772 min Scan# 1162
Delta R.T. -0.077 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

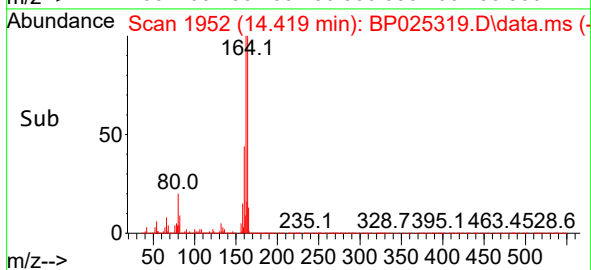
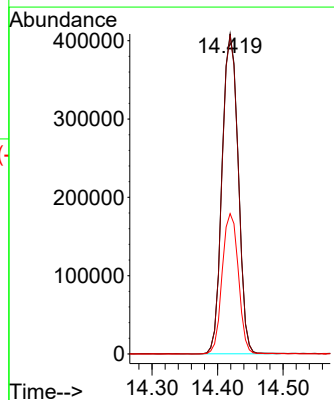
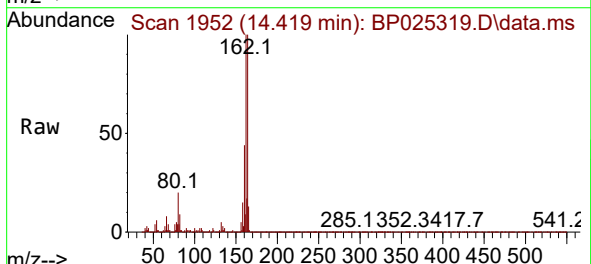
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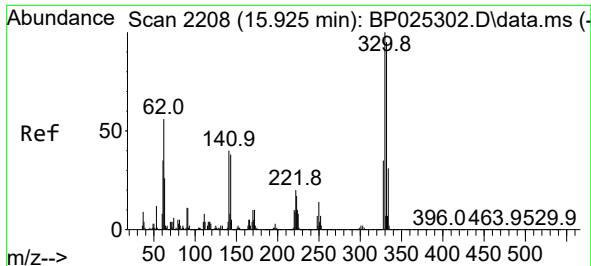
Tgt Ion:122 Resp: 917
Ion Ratio Lower Upper
122 100
105 107.6 104.0 144.0
77 72.8 71.8 111.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:164 Resp: 697078
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 43.8 35.9 53.9

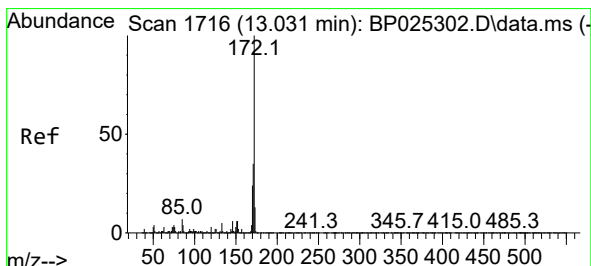
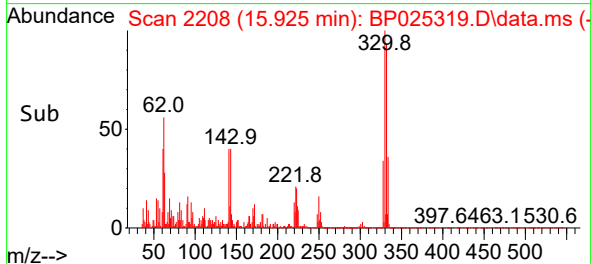
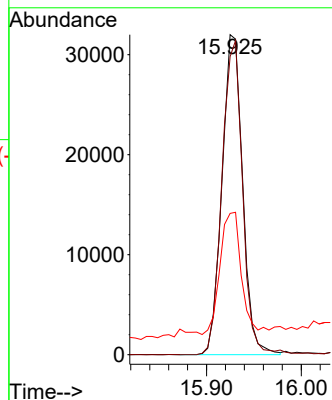
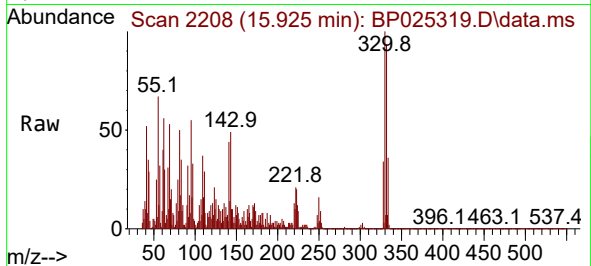




#42
2,4,6-Tribromophenol
Concen: 6.965 ng
RT: 15.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

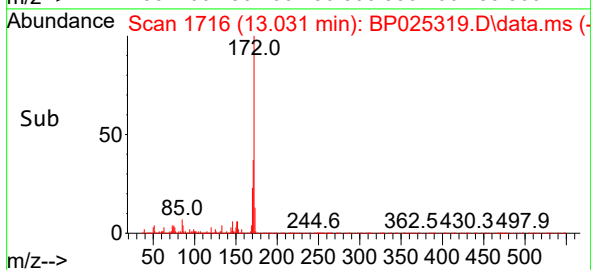
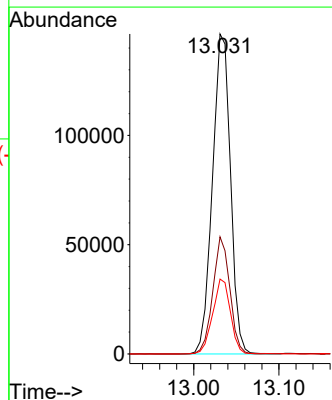
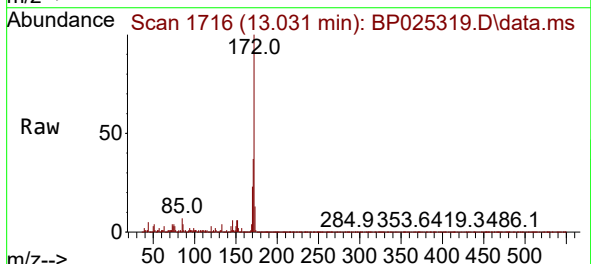
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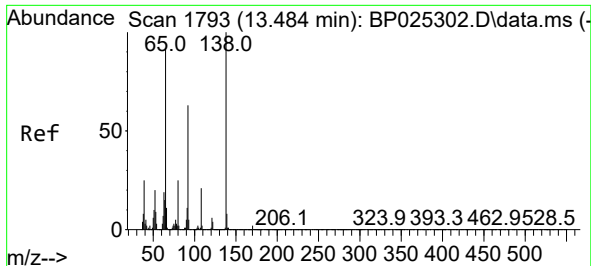
Tgt Ion: 330 Resp: 48434
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 39.7 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 4.260 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion: 172 Resp: 214989
Ion Ratio Lower Upper
172 100
171 36.6 27.9 41.9
170 23.4 18.9 28.3

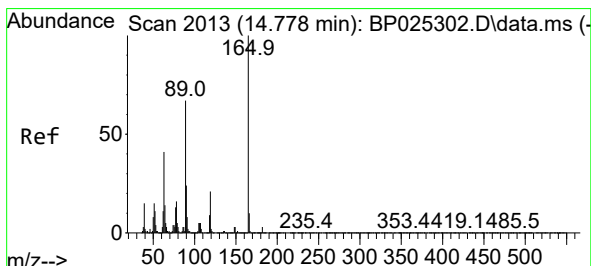
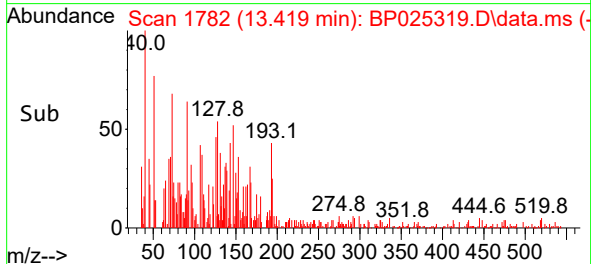
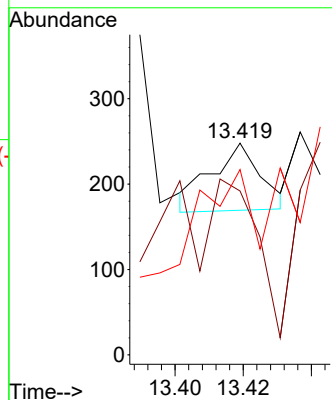
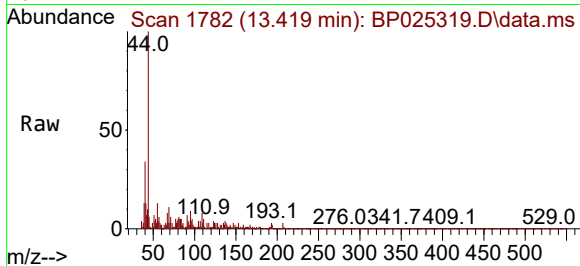




#48
2-Nitroaniline
Concen: 2.970 ng
RT: 13.419 min Scan# 11
Delta R.T. -0.065 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

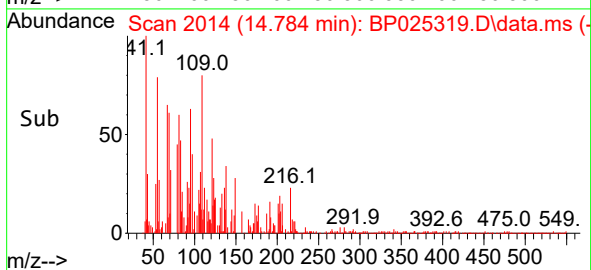
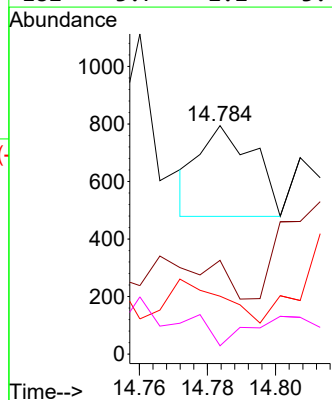
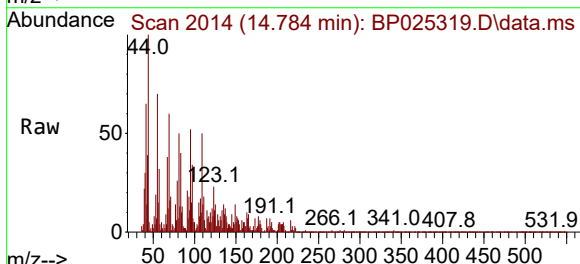
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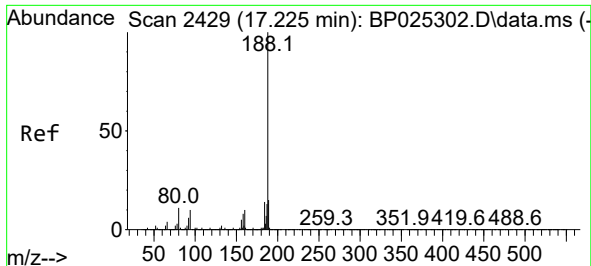
Tgt Ion: 65 Resp: 79
Ion Ratio Lower Upper
65 100
92 77.4 54.4 81.6
138 87.5 87.0 130.4



#57
2,4-Dinitrotoluene
Concen: 3.277 ng
RT: 14.784 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion: 165 Resp: 346
Ion Ratio Lower Upper
165 100
63 41.1 33.2 49.8
89 25.3 53.5 80.3#
182 3.7 2.2 3.4#

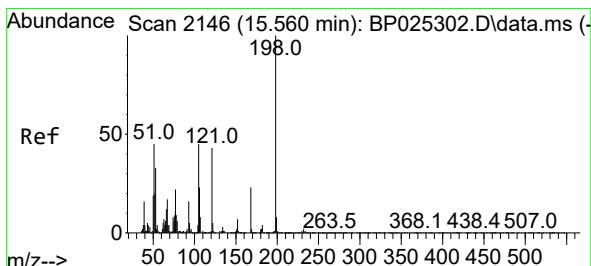
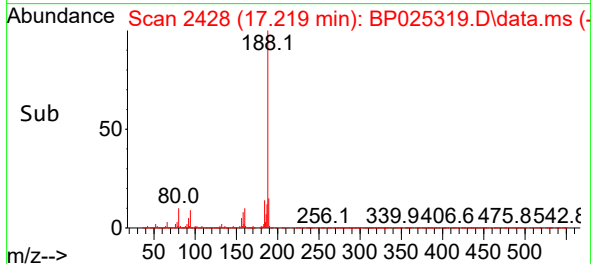
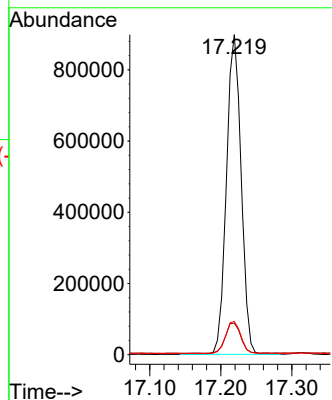
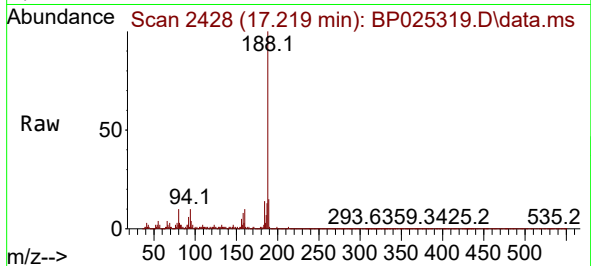




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

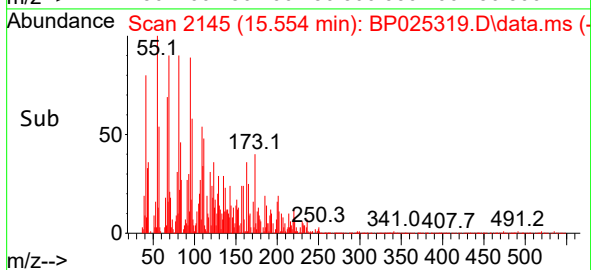
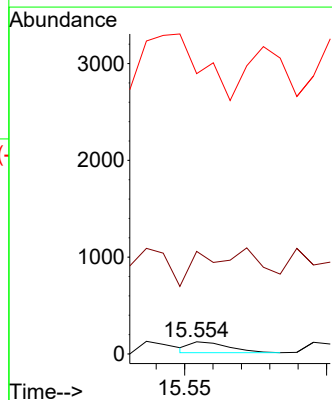
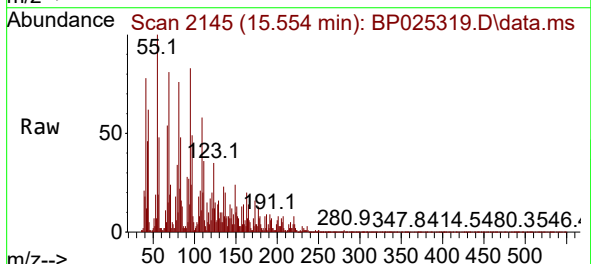
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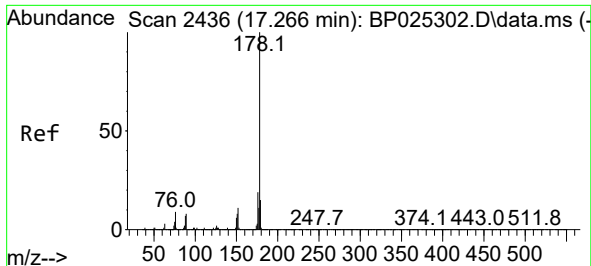
Tgt Ion:188 Resp: 1283580
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.4 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.856 ng
RT: 15.554 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:198 Resp: 105
Ion Ratio Lower Upper
198 100
51 847.2 26.7 66.7#
105 2316.0 25.6 65.6#

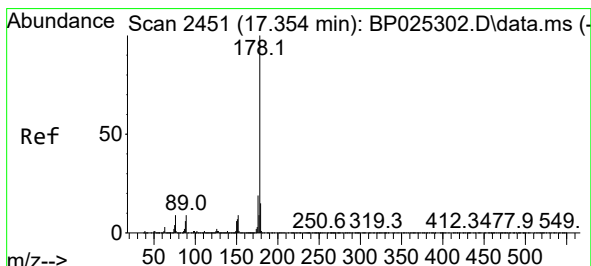
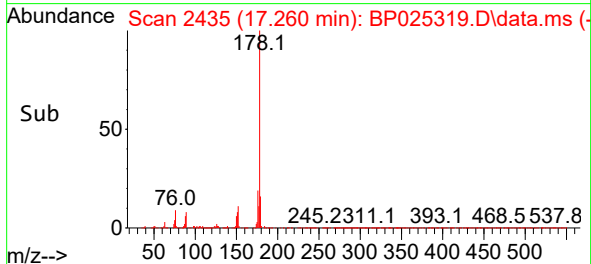
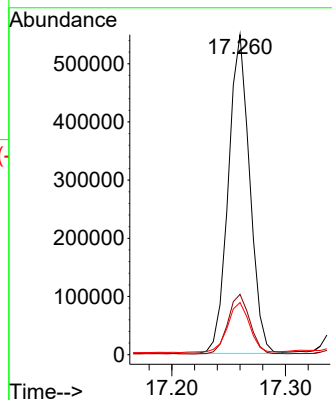
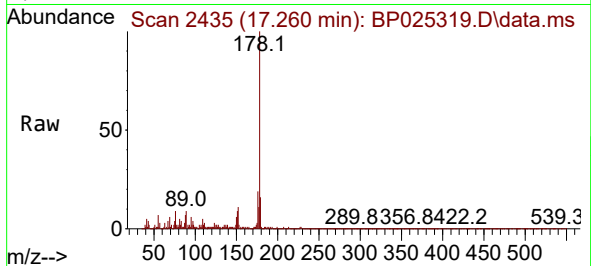




#71
Phenanthrene
Concen: 10.198 ng
RT: 17.260 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

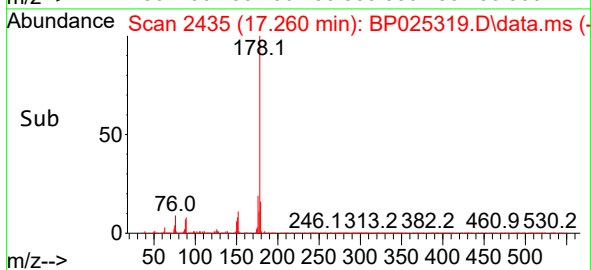
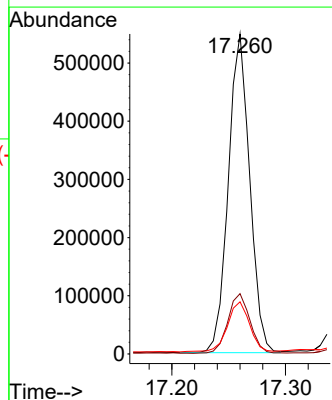
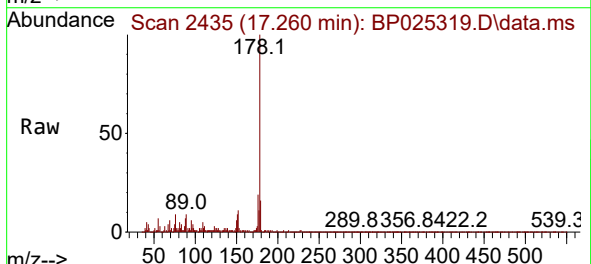
Instrument :
BNA_P
ClientSampleId :
256DL

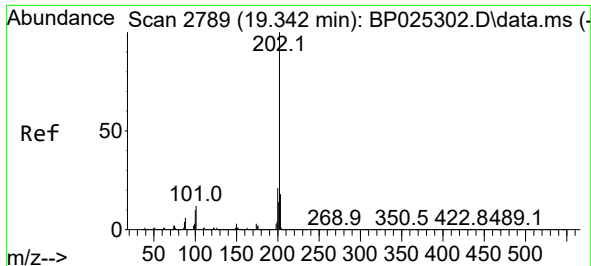
Tgt Ion:178 Resp: 716944
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 16.3 12.1 18.1



#72
Anthracene
Concen: 10.114 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.094 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:178 Resp: 716944
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 16.3 12.3 18.5

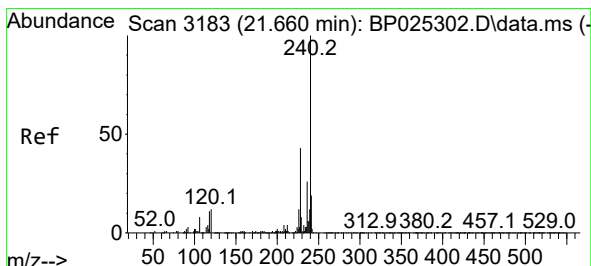
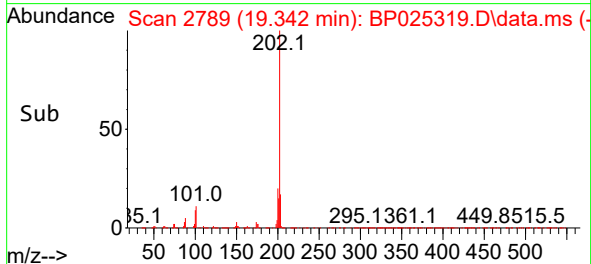
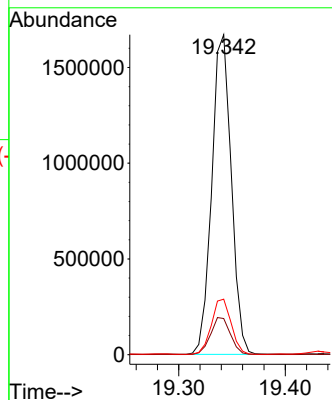
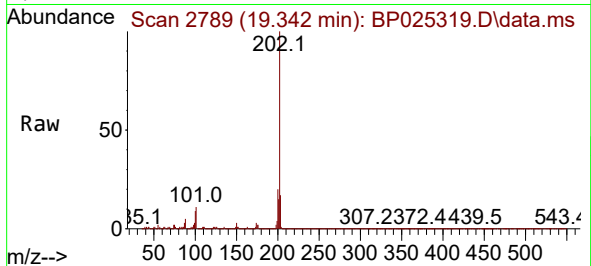




#75
Fluoranthene
Concen: 26.066 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

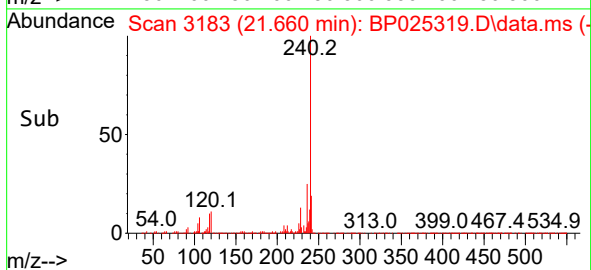
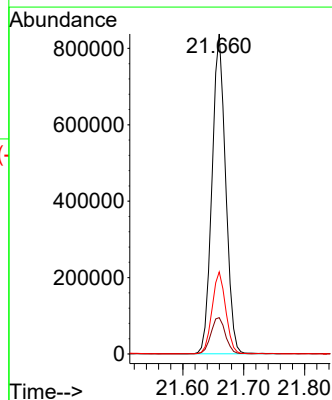
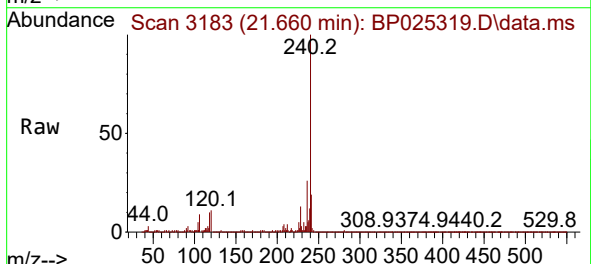
Instrument :
BNA_P
ClientSampleId :
256DL

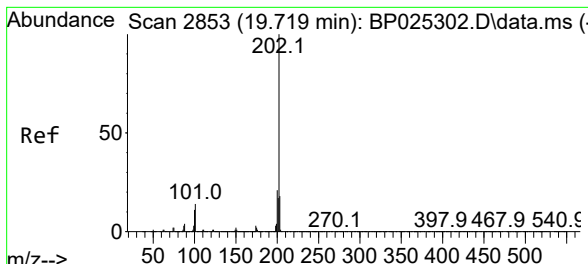
Tgt Ion:202 Resp: 2121366
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.5
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:240 Resp: 1300840
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.6 20.4 30.6



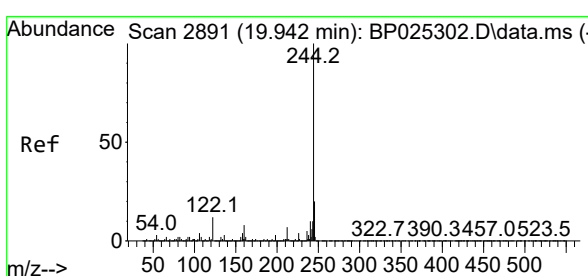
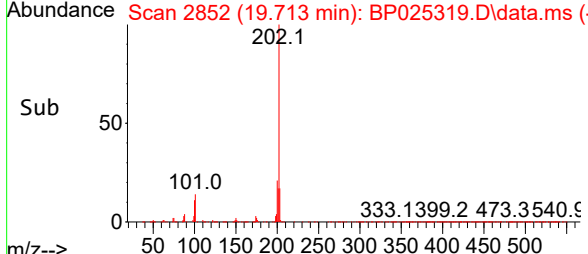
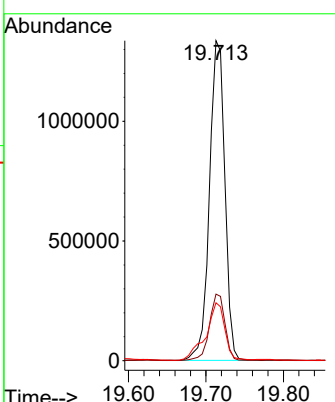
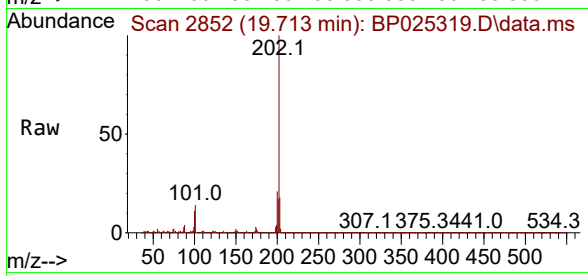


#78
 Pyrene
 Concen: 21.364 ng
 RT: 19.713 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025319.D
 Acq: 07 Aug 2025 18:34

Instrument :
 BNA_P
 ClientSampleId :
 256DL

Tgt Ion:202 Resp: 1848020

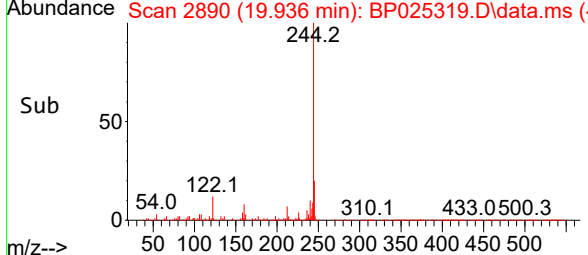
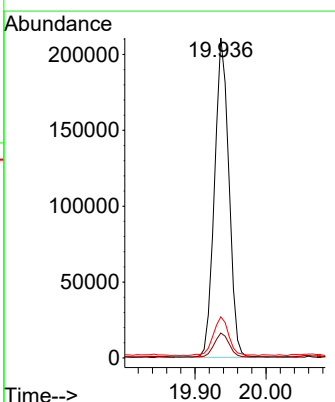
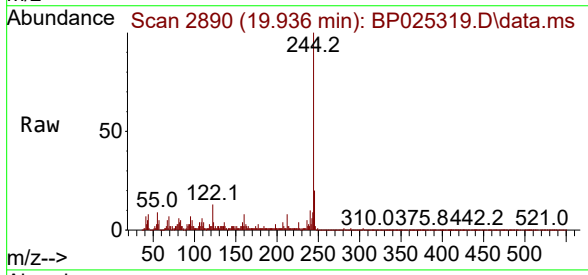
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.1	14.1	21.1

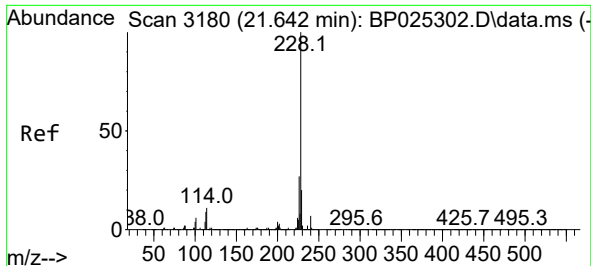


#79
 Terphenyl-d14
 Concen: 4.279 ng
 RT: 19.936 min Scan# 2890
 Delta R.T. -0.006 min
 Lab File: BP025319.D
 Acq: 07 Aug 2025 18:34

Tgt Ion:244 Resp: 294690

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	12.9	9.5	14.3

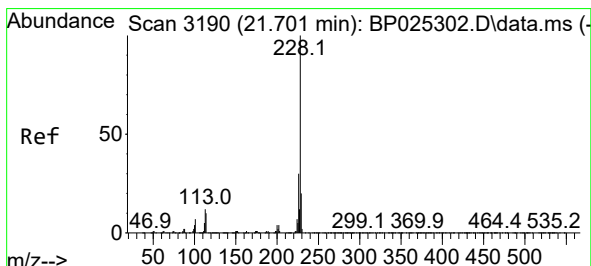
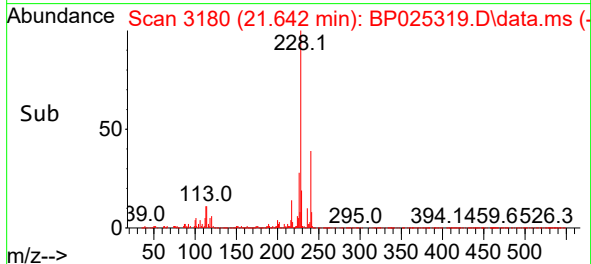
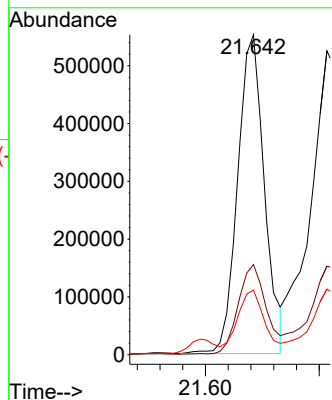
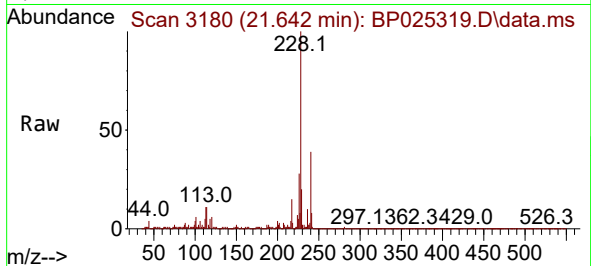




#81
Benzo(a)anthracene
Concen: 10.418 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

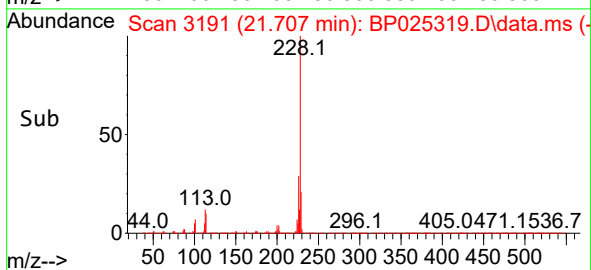
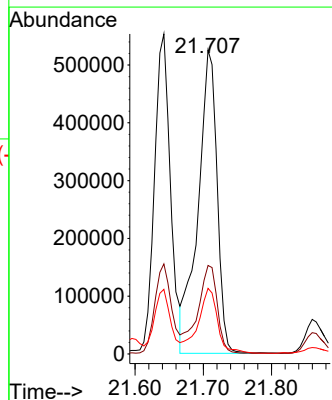
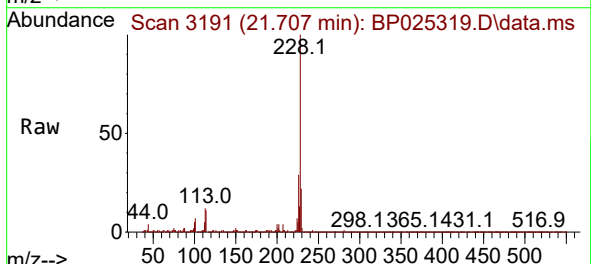
Instrument :
BNA_P
ClientSampleId :
256DL

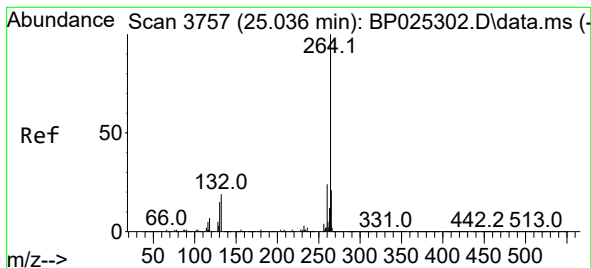
Tgt Ion:228 Resp: 900588
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 20.2 16.0 24.0



#83
Chrysene
Concen: 12.783 ng
RT: 21.707 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:228 Resp: 1024909
Ion Ratio Lower Upper
228 100
226 29.1 24.3 36.5
229 21.6 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025319.D

Acq: 07 Aug 2025 18:34

Instrument :

BNA_P

ClientSampleId :

256DL

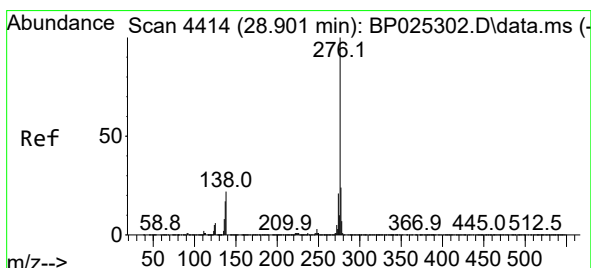
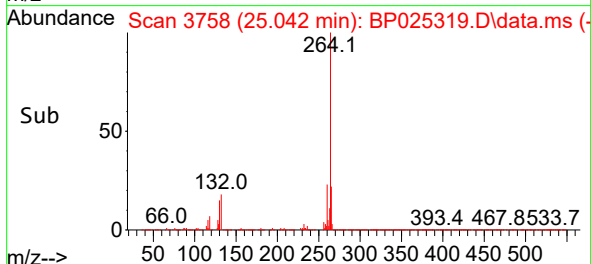
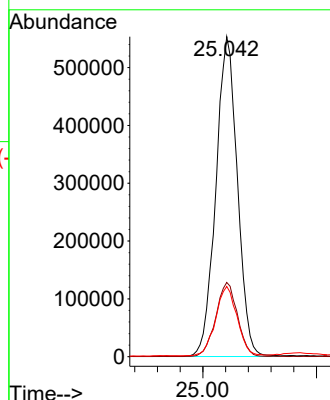
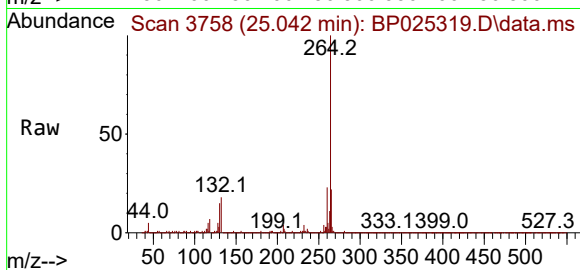
Tgt Ion:264 Resp: 1454069

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.532 ng

RT: 28.871 min Scan# 4409

Delta R.T. -0.030 min

Lab File: BP025319.D

Acq: 07 Aug 2025 18:34

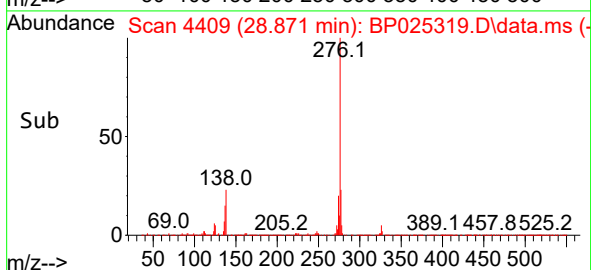
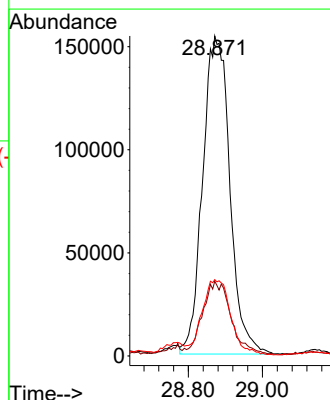
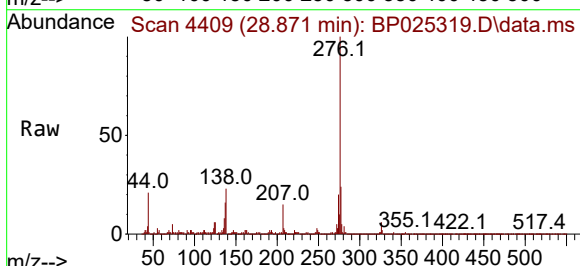
Tgt Ion:276 Resp: 784986

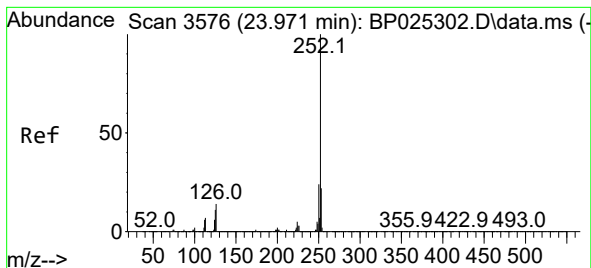
Ion Ratio Lower Upper

276 100

138 24.2 14.6 22.0#

277 24.7 16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 17.371 ng

RT: 23.983 min Scan# 3578

Delta R.T. 0.012 min

Lab File: BP025319.D

Acq: 07 Aug 2025 18:34

Instrument :

BNA_P

ClientSampleId :

256DL

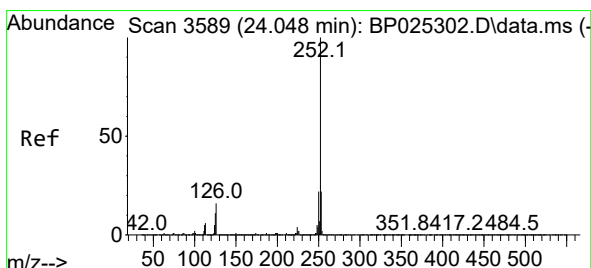
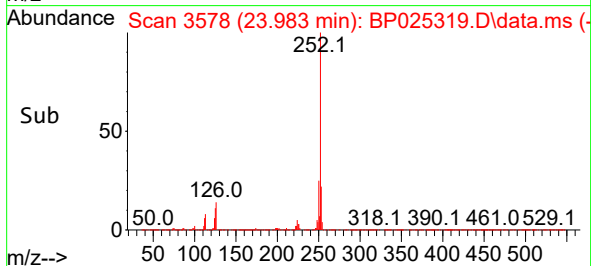
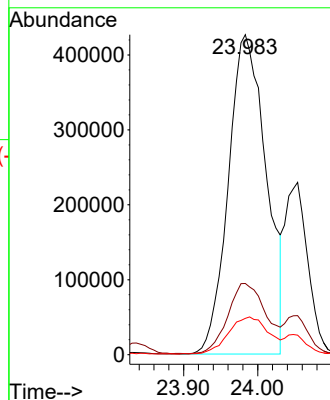
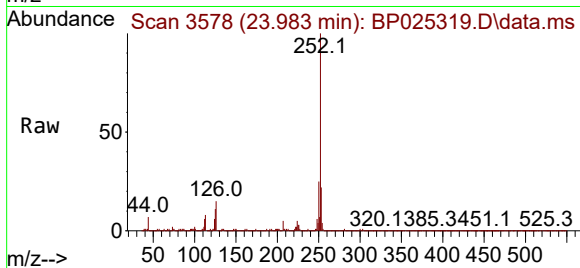
Tgt Ion:252 Resp: 1512053

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.3 8.5 12.7



#89

Benzo(k)fluoranthene

Concen: 5.609 ng

RT: 24.054 min Scan# 3590

Delta R.T. 0.006 min

Lab File: BP025319.D

Acq: 07 Aug 2025 18:34

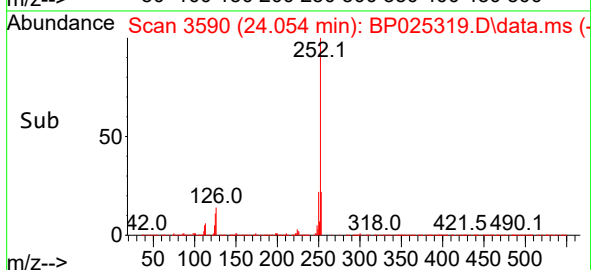
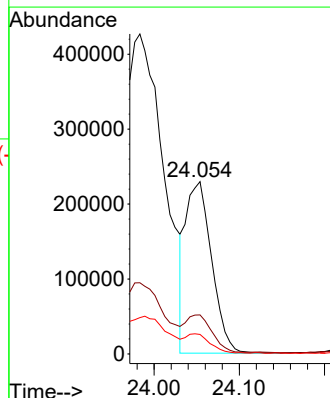
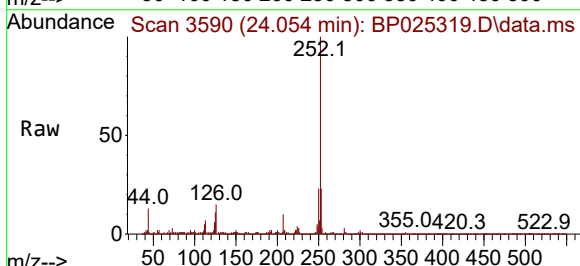
Tgt Ion:252 Resp: 483988

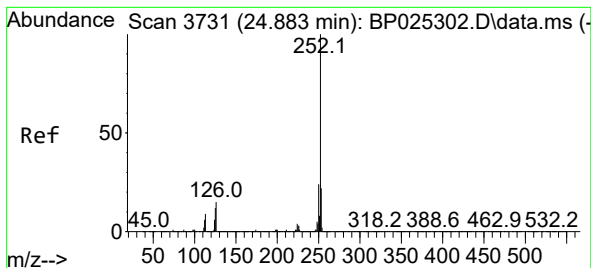
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 11.3 8.5 12.7





#90

Benzo(a)pyrene

Concen: 11.398 ng

RT: 24.889 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025319.D

Acq: 07 Aug 2025 18:34

Instrument :

BNA_P

ClientSampleId :

256DL

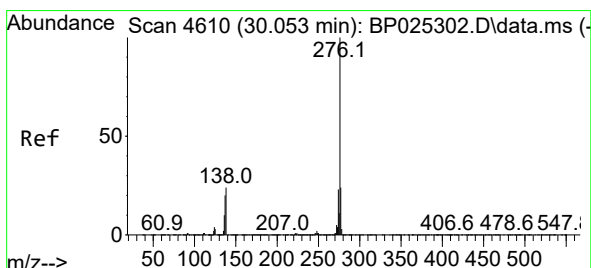
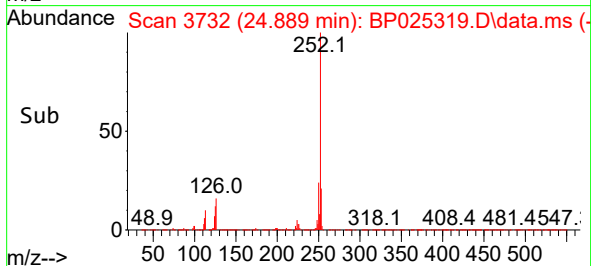
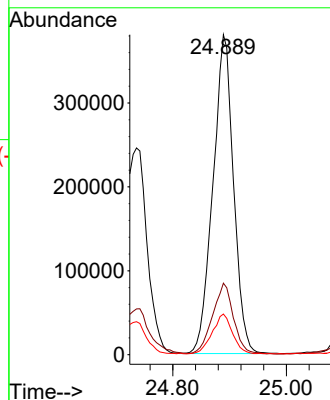
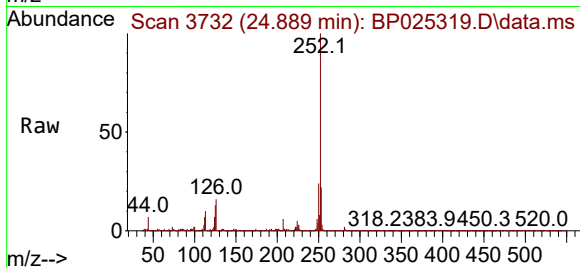
Tgt Ion:252 Resp: 955402

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.7 9.4 14.0



#92

Benzo(g,h,i)perylene

Concen: 9.037 ng

RT: 30.059 min Scan# 4611

Delta R.T. 0.006 min

Lab File: BP025319.D

Acq: 07 Aug 2025 18:34

Tgt Ion:276 Resp: 757007

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 22.6 19.1 28.7

