

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
 Data File : BP025190.D
 Acq On : 18 Jul 2025 13:11
 Operator : CG/JU
 Sample : Q2614-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-MCN-COMP-01

Quant Time: Jul 18 13:29:47 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)

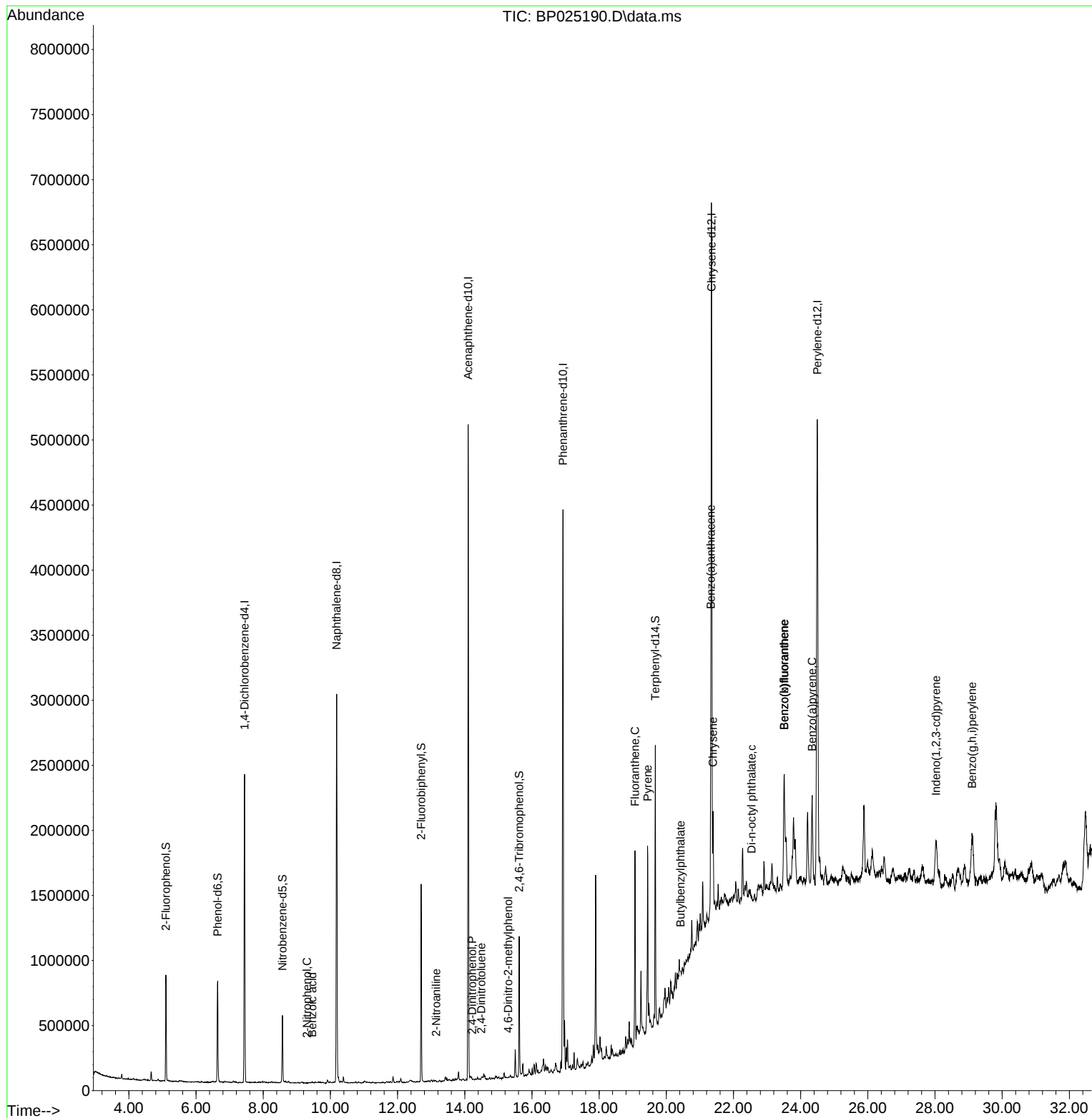
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	685592	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2726747	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1710853	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	3264081	20.000	ng	0.02
76) Chrysene-d12	21.342	240	3297418	20.000	ng	0.00
86) Perylene-d12	24.495	264	3765908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	363637	9.398	ng	0.00
7) Phenol-d6	6.643	99	465033	9.210	ng	0.01
23) Nitrobenzene-d5	8.572	82	280094	6.831	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	212082	10.493	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	756113	6.847	ng	0.00
79) Terphenyl-d14	19.672	244	1035368	6.901	ng	0.00
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.302	139	206	3.311	ng	# 1
32) Benzoic acid	9.455	122	4438	6.339	ng	# 80
48) 2-Nitroaniline	13.149	65	362	2.779	ng	# 45
54) 2,4-Dinitrophenol	14.219	184	133	5.396	ng	# 1
57) 2,4-Dinitrotoluene	14.490	165	578	2.653	ng	# 76
65) 4,6-Dinitro-2-methylph...	15.290	198	48	5.582	ng	# 1
75) Fluoranthene	19.066	202	915160	4.489	ng	99
78) Pyrene	19.442	202	883115	4.324	ng	98
80) Butylbenzylphthalate	20.425	149	13434	3.840	ng	# 83
81) Benzo(a)anthracene	21.325	228	593231	2.969	ng	95
83) Chrysene	21.389	228	604418	3.143	ng	97
85) Di-n-octyl phthalate	22.536	149	5437	6.123	ng	# 1
87) Indeno(1,2,3-cd)pyrene	28.036	276	572001	2.384	ng	# 93
88) Benzo(b)fluoranthene	23.513	252	999635	4.560	ng	98
89) Benzo(k)fluoranthene	23.513	252	999635	4.583	ng	98
90) Benzo(a)pyrene	24.342	252	677312	3.631	ng	97
92) Benzo(g,h,i)perylene	29.101	276	577376	2.818	ng	97

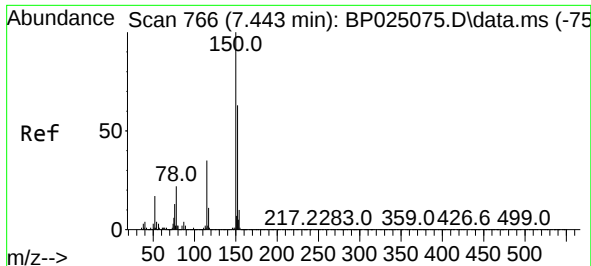
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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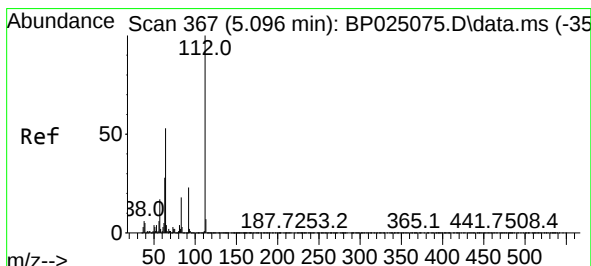
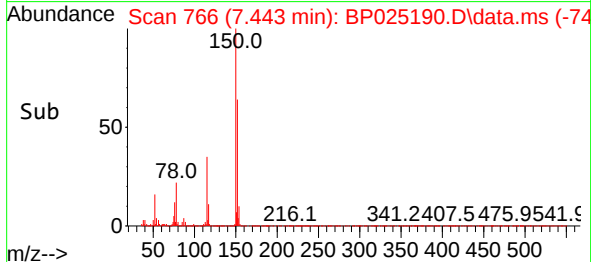
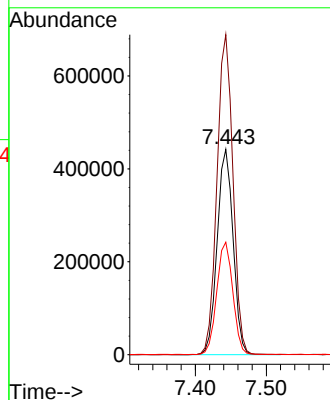
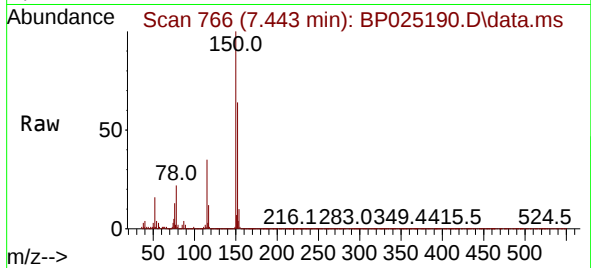




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

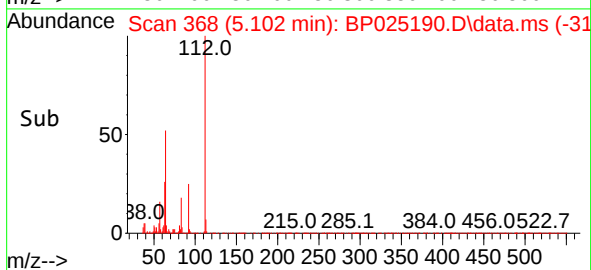
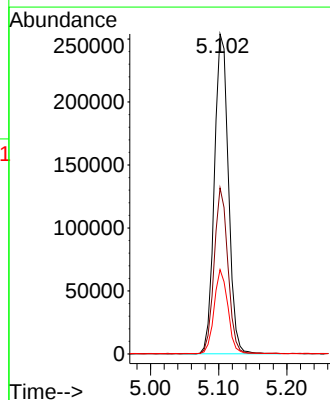
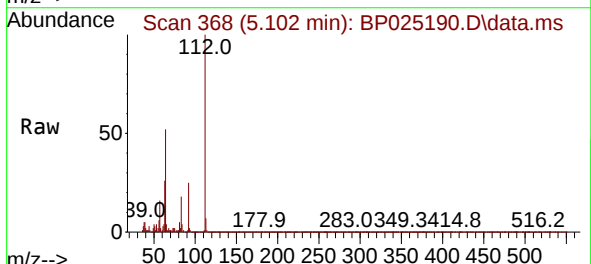
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

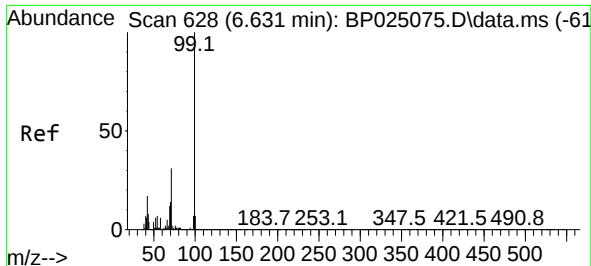
Tgt Ion:152 Resp: 685592
Ion Ratio Lower Upper
152 100
150 155.8 126.1 189.1
115 54.8 44.3 66.5



#5
2-Fluorophenol
Concen: 9.398 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion:112 Resp: 363637
Ion Ratio Lower Upper
112 100
64 51.9 42.0 63.0
63 26.4 22.2 33.2

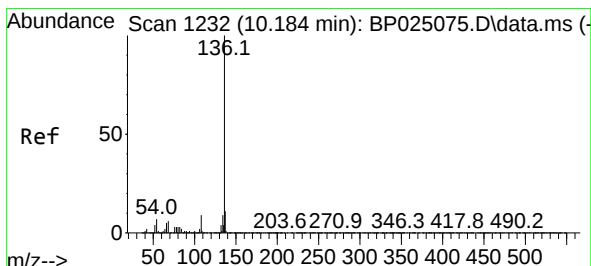
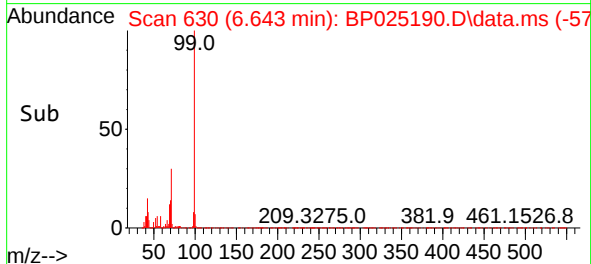
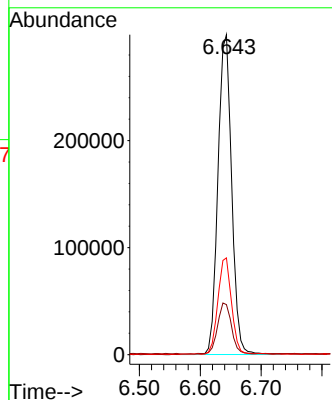
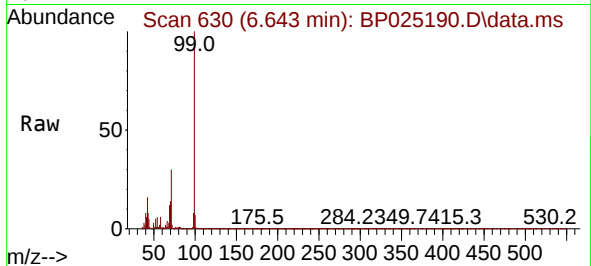




#7
Phenol-d6
Concen: 9.210 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

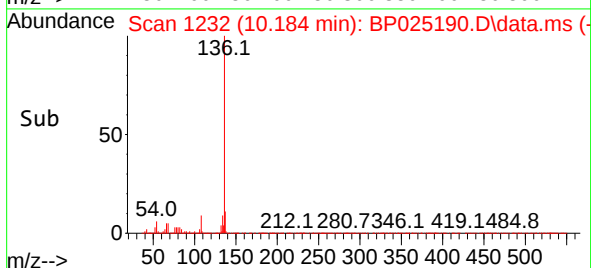
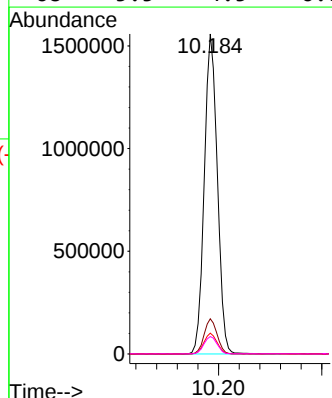
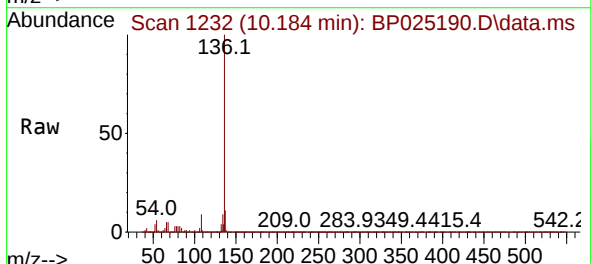
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

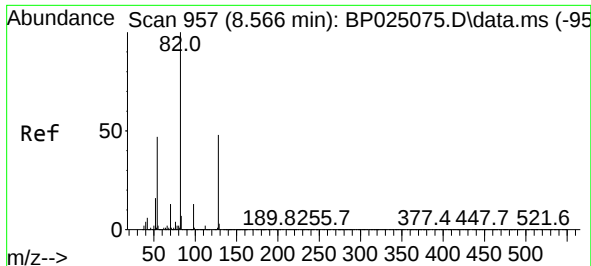
Tgt Ion: 99 Resp: 465033
Ion Ratio Lower Upper
99 100
42 15.6 13.6 20.4
71 30.2 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion: 136 Resp: 2726747
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.5 5.4 8.2
68 5.5 4.5 6.7

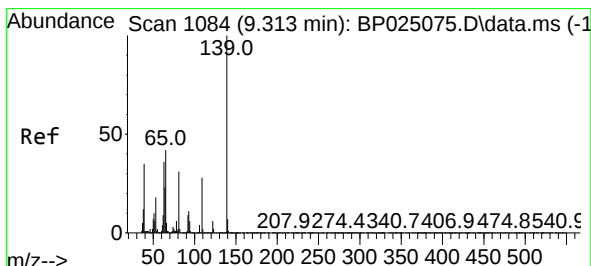
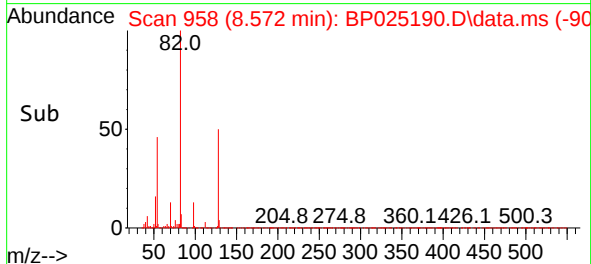
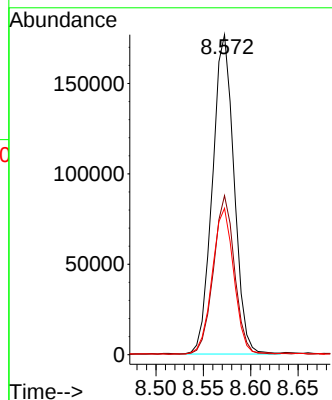
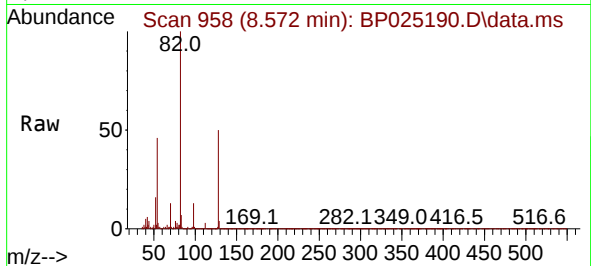




#23
Nitrobenzene-d5
Concen: 6.831 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

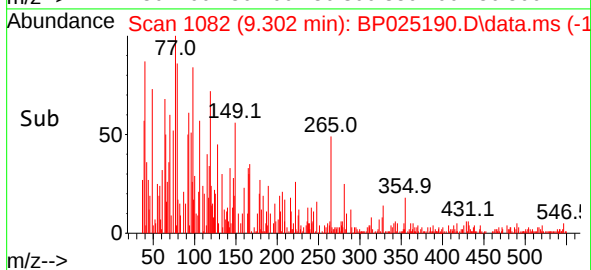
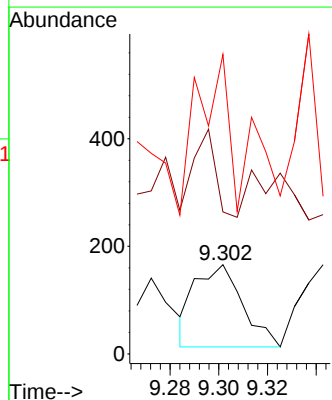
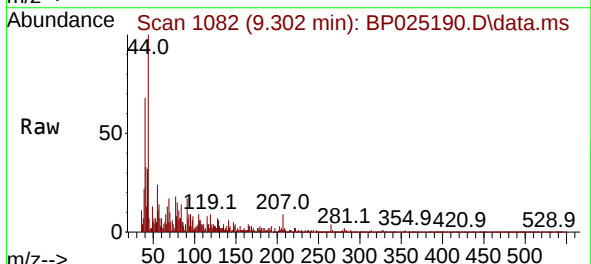
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

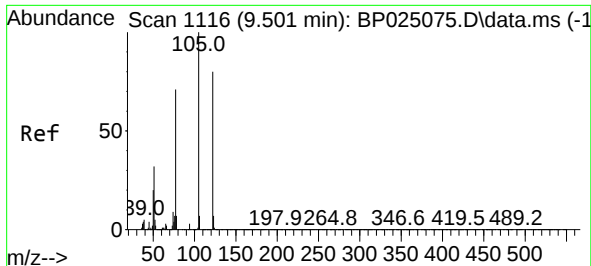
Tgt Ion: 82 Resp: 280094
Ion Ratio Lower Upper
82 100
128 49.7 38.4 57.6
54 45.7 37.8 56.6



#26
2-Nitrophenol
Concen: 3.311 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.011 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion: 139 Resp: 206
Ion Ratio Lower Upper
139 100
109 120.5 22.3 33.5#
65 254.3 33.8 50.8#

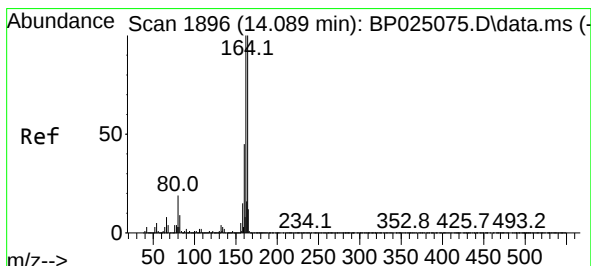
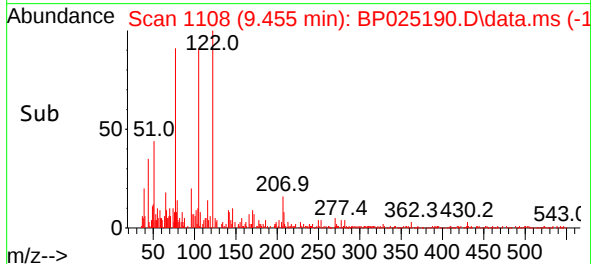
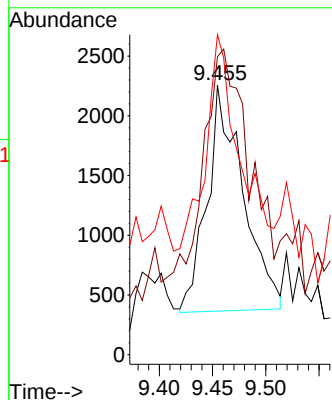
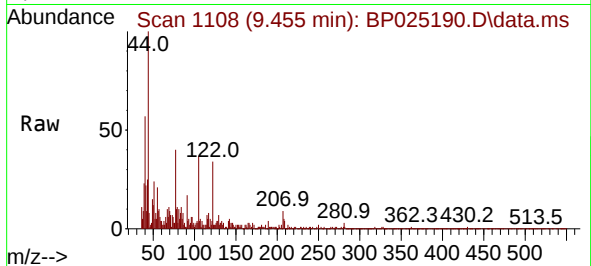




#32
Benzoic acid
Concen: 6.339 ng
RT: 9.455 min Scan# 1116
Delta R.T. -0.046 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

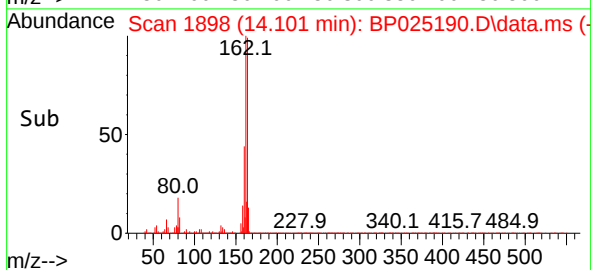
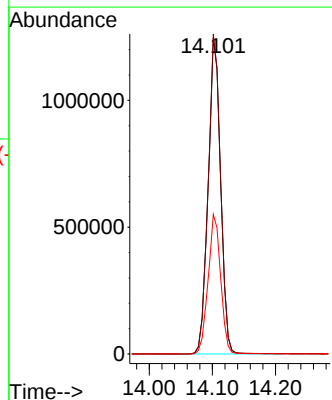
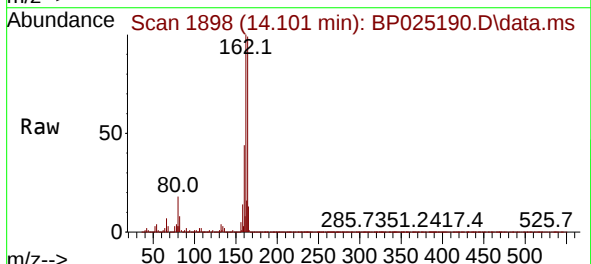
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

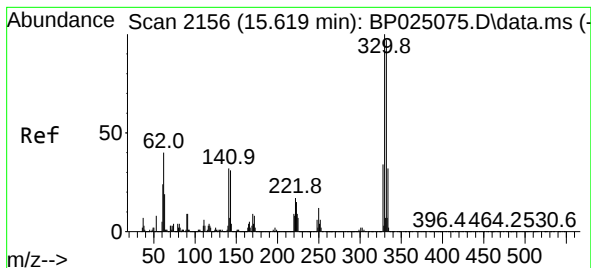
Tgt Ion:122 Resp: 4438
Ion Ratio Lower Upper
122 100
105 110.5 101.0 141.0
77 118.7 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion:164 Resp: 1710853
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 44.2 35.9 53.9

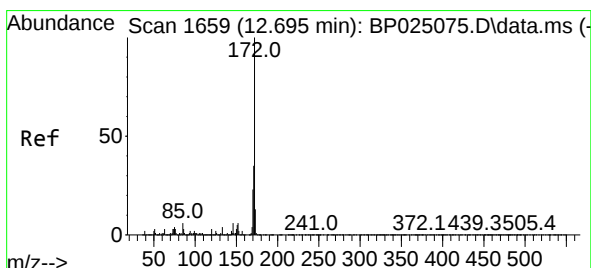
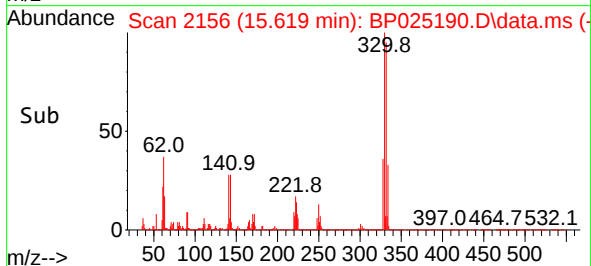
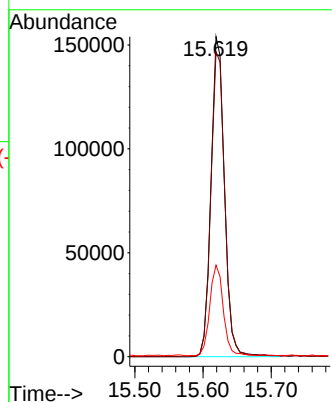
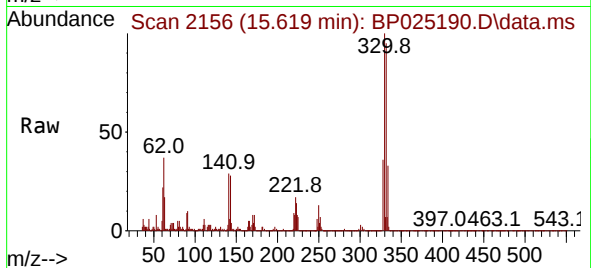




#42
2,4,6-Tribromophenol
Concen: 10.493 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

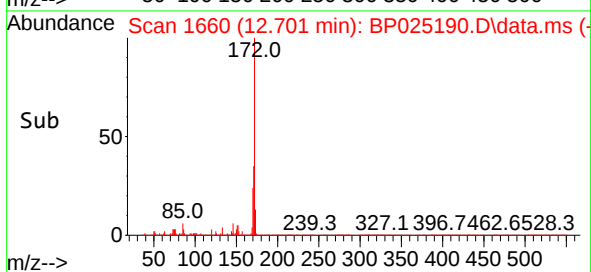
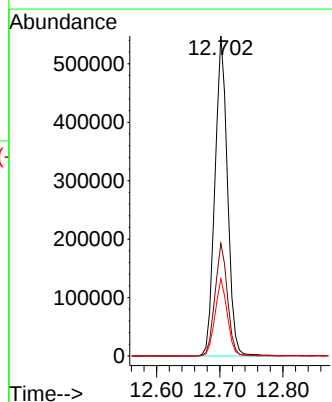
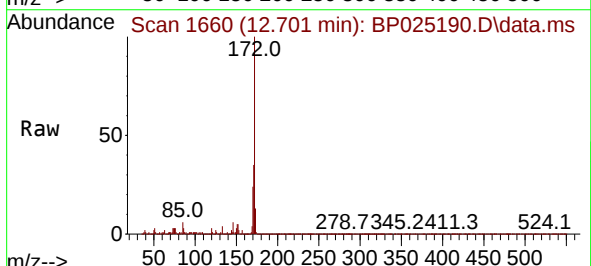
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BNA_P
ClientSampleId :
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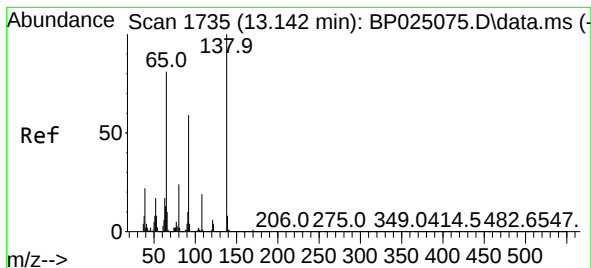
Tgt Ion: 330 Resp: 212082
Ion Ratio Lower Upper
330 100
332 98.0 77.7 116.5
141 28.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 6.847 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion: 172 Resp: 756113
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 24.1 18.7 28.1





#48

2-Nitroaniline

Concen: 2.779 ng

RT: 13.149 min Scan# 1

Delta R.T. 0.007 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

Instrument :

BNA_P

ClientSampleId :

HR-MCN-COMP-01

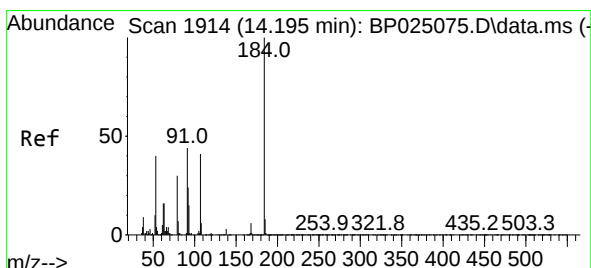
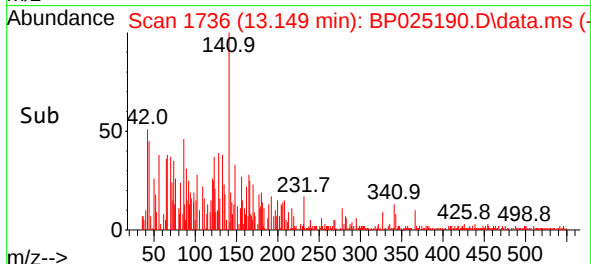
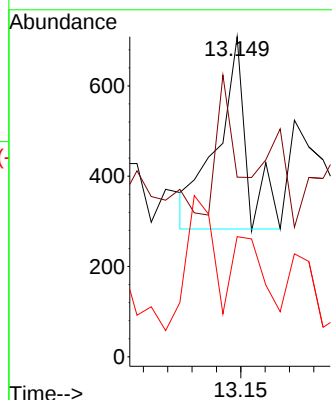
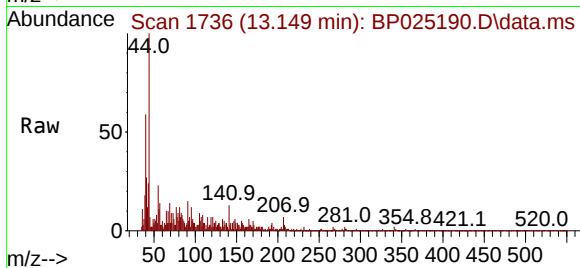
Tgt Ion: 65 Resp: 362

Ion Ratio Lower Upper

65 100

92 56.1 58.7 88.1#

138 37.5 99.0 148.4#



#54

2,4-Dinitrophenol

Concen: 5.396 ng

RT: 14.219 min Scan# 1918

Delta R.T. 0.024 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

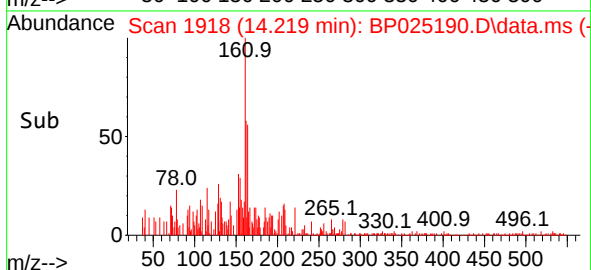
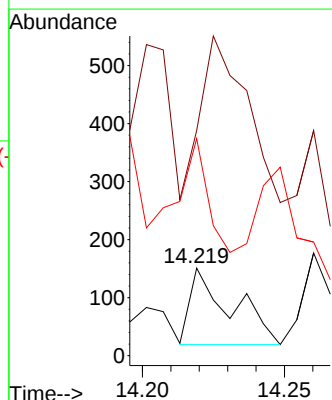
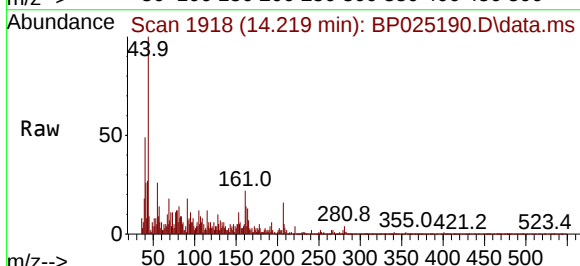
Tgt Ion: 184 Resp: 133

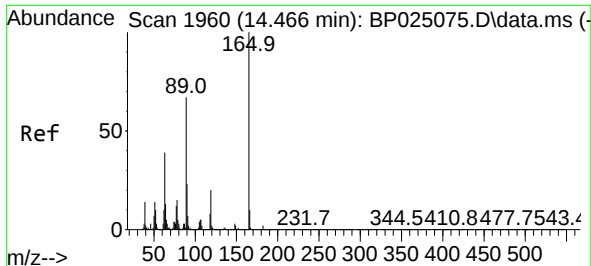
Ion Ratio Lower Upper

184 100

63 257.0 47.4 71.0#

154 247.7 47.8 71.8#

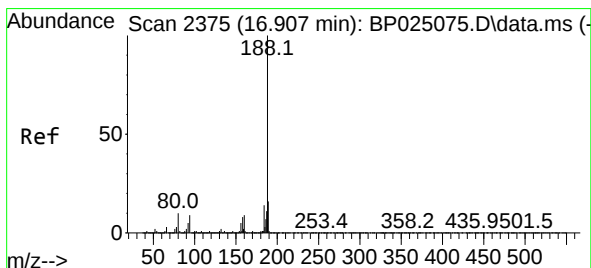
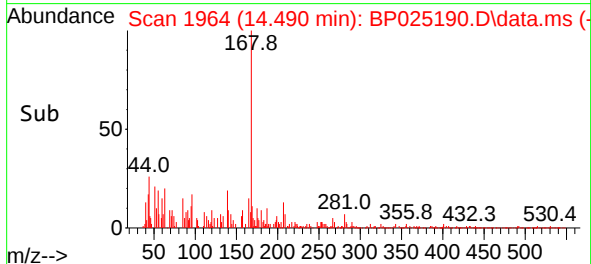
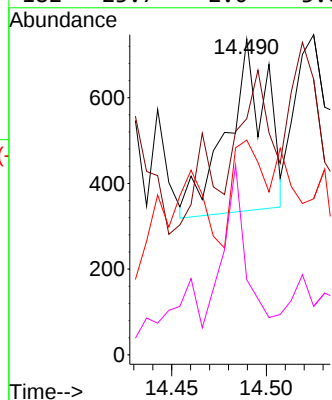
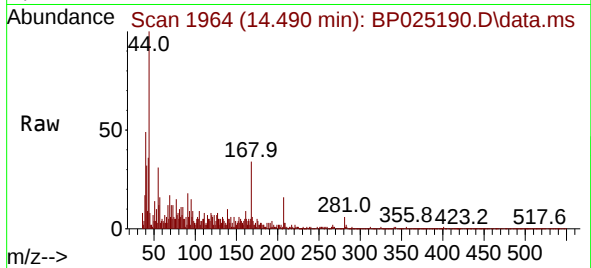




#57
2,4-Dinitrotoluene
Concen: 2.653 ng
RT: 14.490 min Scan# 1964
Delta R.T. 0.024 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

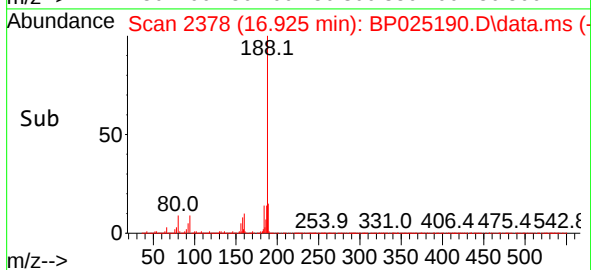
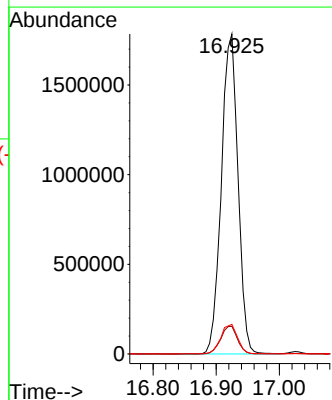
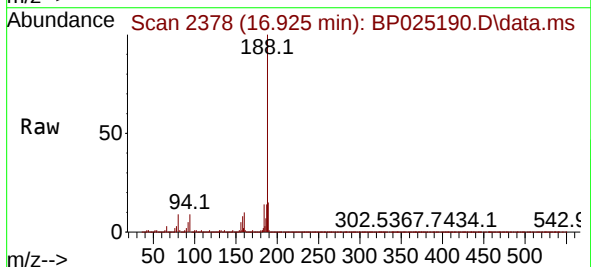
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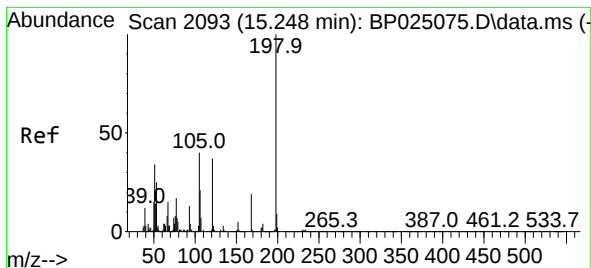
Tgt Ion:165 Resp: 578
Ion Ratio Lower Upper
165 100
63 74.8 31.0 46.4#
89 68.0 53.4 80.0
182 23.7 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion:188 Resp: 3264081
Ion Ratio Lower Upper
188 100
94 8.6 7.3 10.9
80 9.3 7.8 11.6

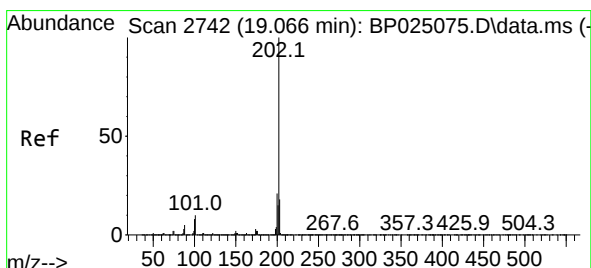
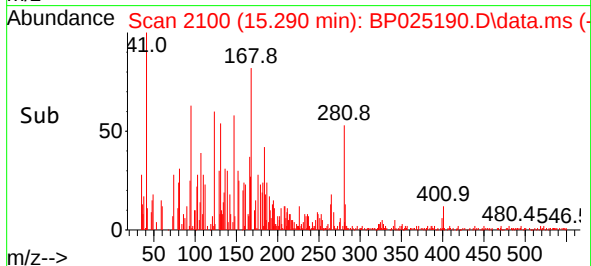
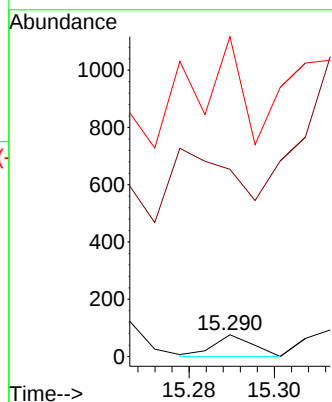
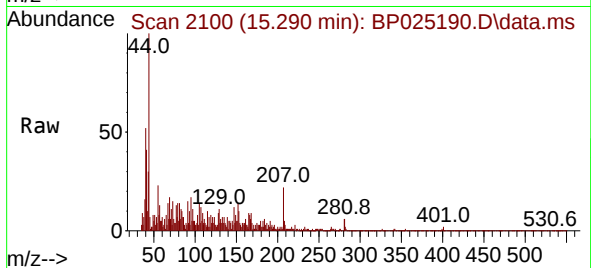




#65
4,6-Dinitro-2-methylphenol
Concen: 5.582 ng
RT: 15.290 min Scan# 2100
Delta R.T. 0.042 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

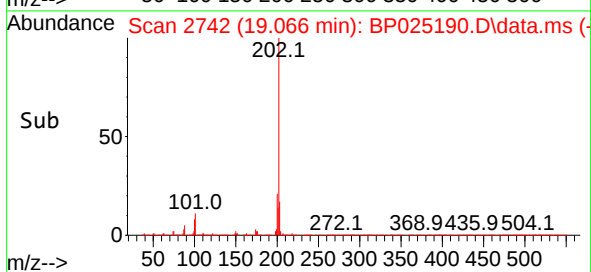
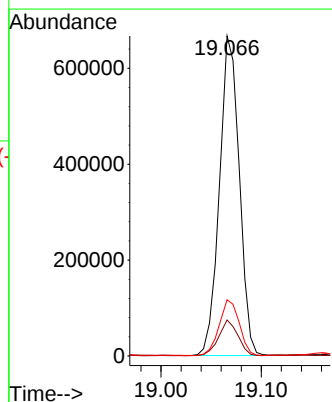
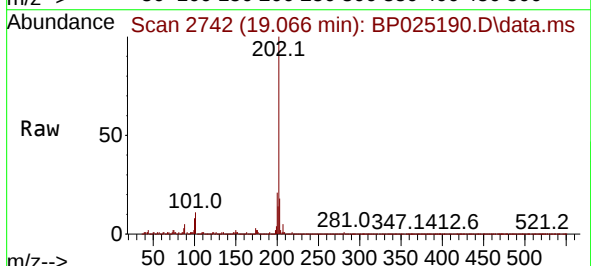
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

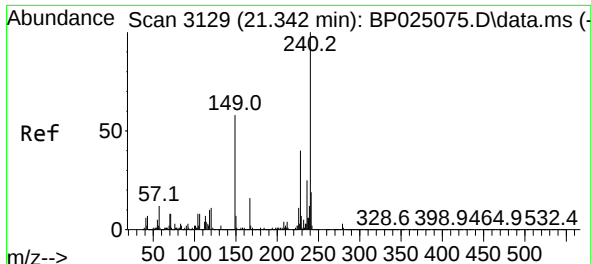
Tgt Ion:198 Resp: 48
Ion Ratio Lower Upper
198 100
51 860.5 16.8 56.8#
105 1469.7 20.8 60.8#



#75
Fluoranthene
Concen: 4.489 ng
RT: 19.066 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion:202 Resp: 915160
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.4
203 17.6 0.0 37.6

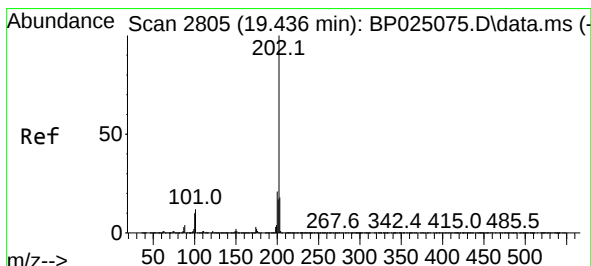
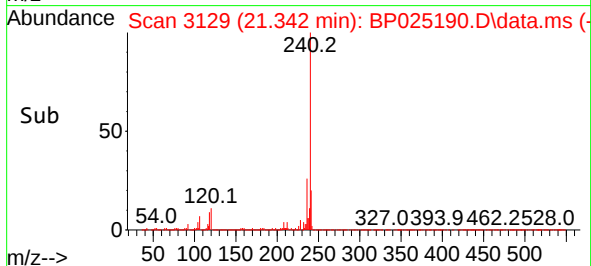
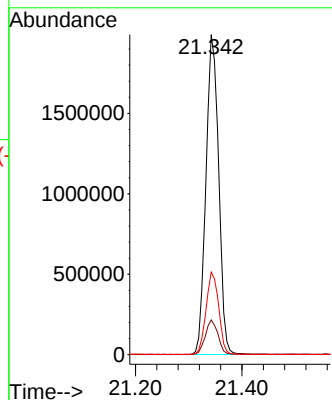
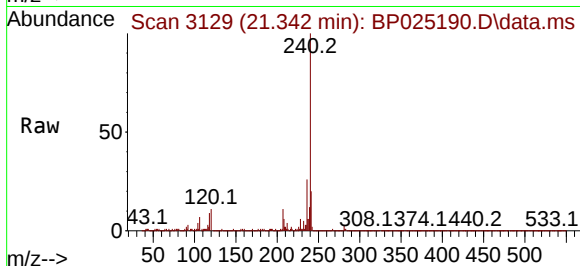




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

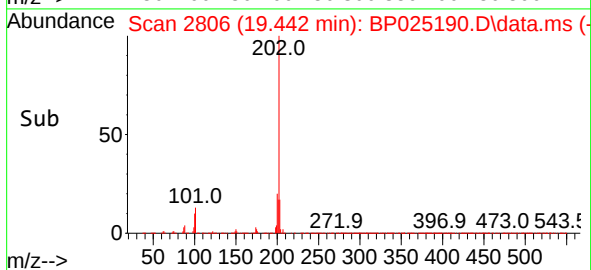
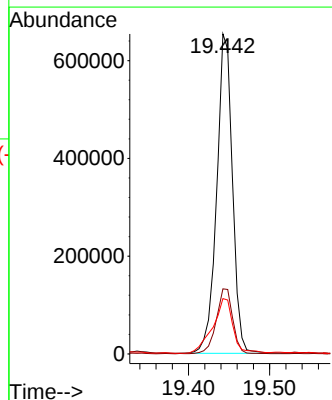
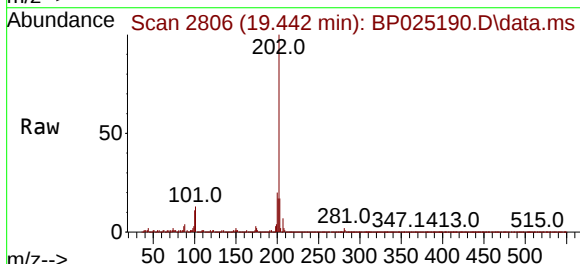
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

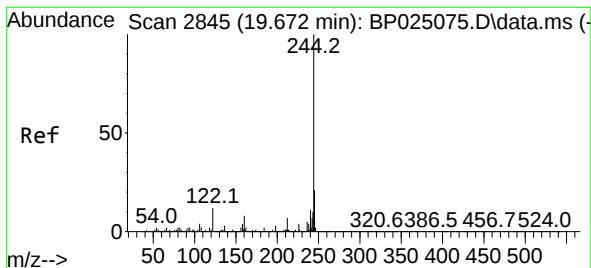
Tgt Ion:240 Resp: 3297418
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.8 20.3 30.5



#78
Pyrene
Concen: 4.324 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion:202 Resp: 883115
Ion Ratio Lower Upper
202 100
200 20.4 17.1 25.7
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 6.901 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

Instrument :

BNA_P

ClientSampleId :

HR-MCN-COMP-01

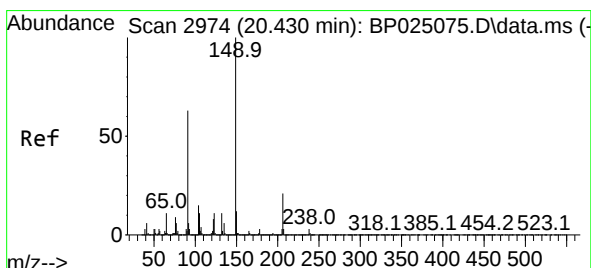
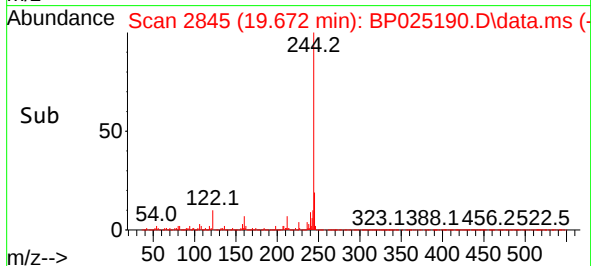
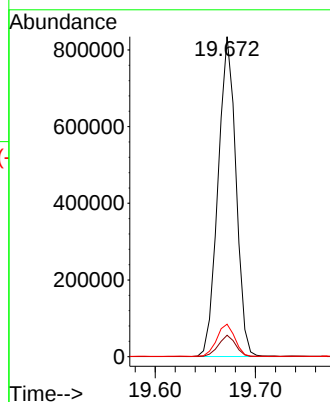
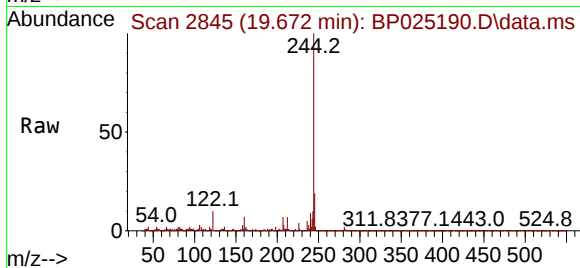
Tgt Ion:244 Resp: 1035368

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.840 ng

RT: 20.425 min Scan# 2973

Delta R.T. -0.005 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

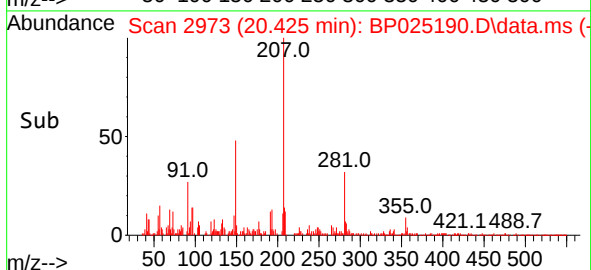
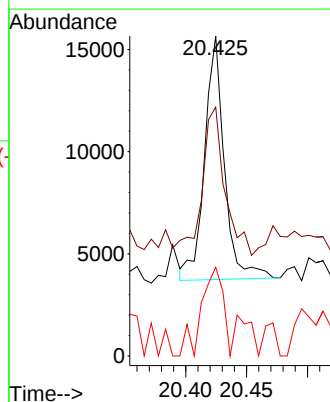
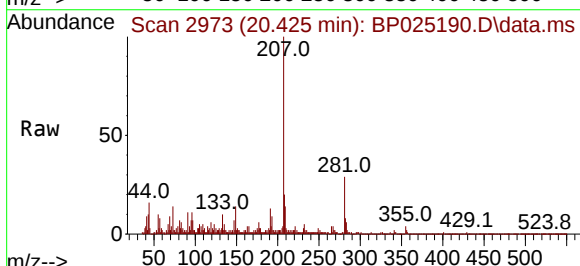
Tgt Ion:149 Resp: 13434

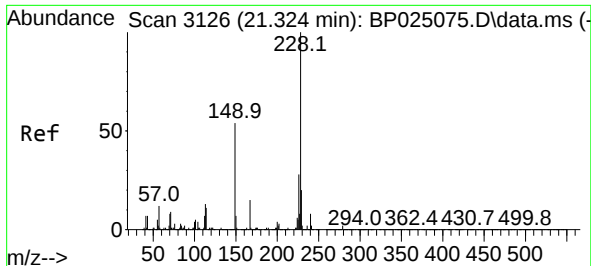
Ion Ratio Lower Upper

149 100

91 77.8 50.6 76.0#

206 27.7 17.2 25.8#

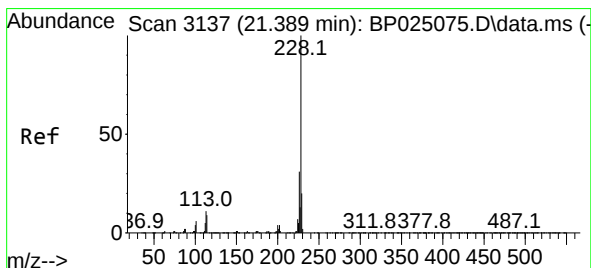
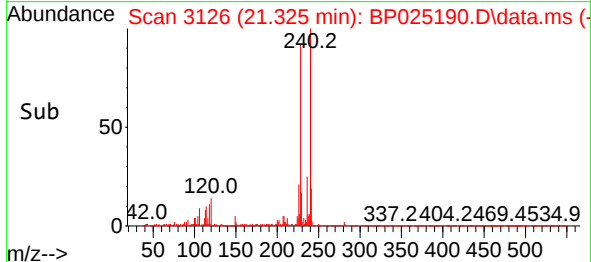
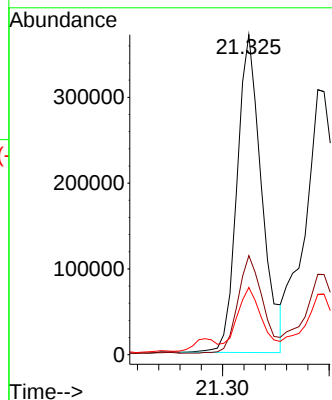
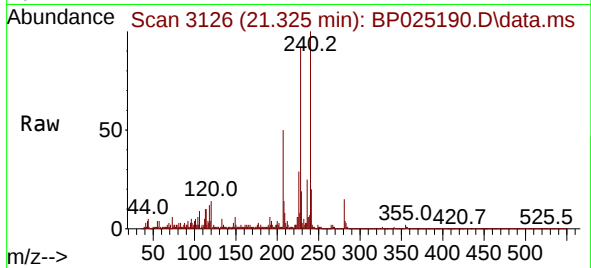




#81
Benzo(a)anthracene
Concen: 2.969 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

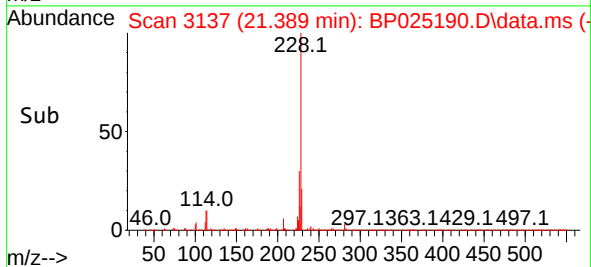
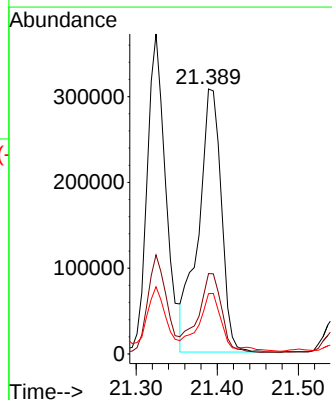
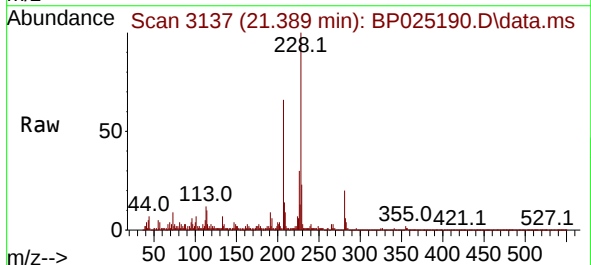
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

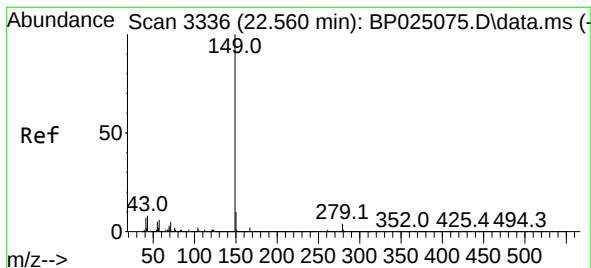
Tgt Ion:228 Resp: 593231
Ion Ratio Lower Upper
228 100
226 31.0 22.1 33.1
229 21.0 16.0 24.0



#83
Chrysene
Concen: 3.143 ng
RT: 21.389 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion:228 Resp: 604418
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.8 16.0 24.0





#85

Di-n-octyl phthalate

Concen: 6.123 ng

RT: 22.536 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

Instrument :

BNA_P

ClientSampleId :

HR-MCN-COMP-01

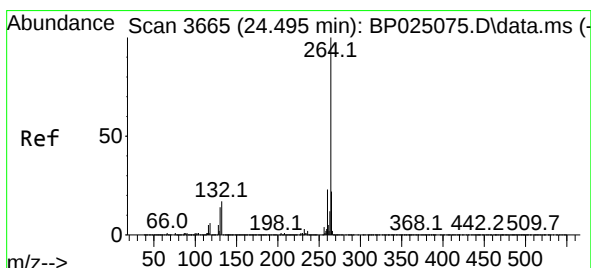
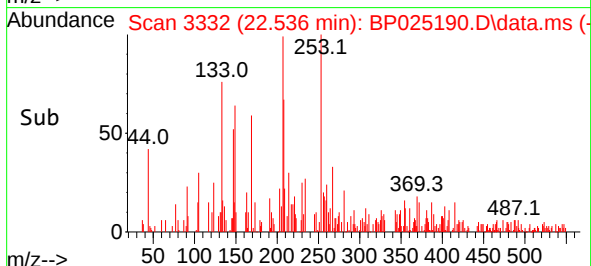
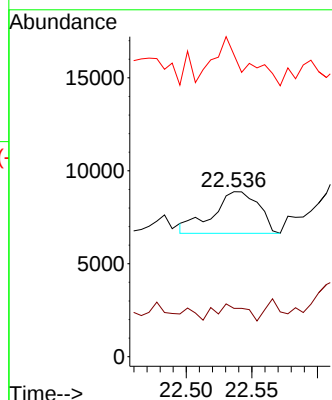
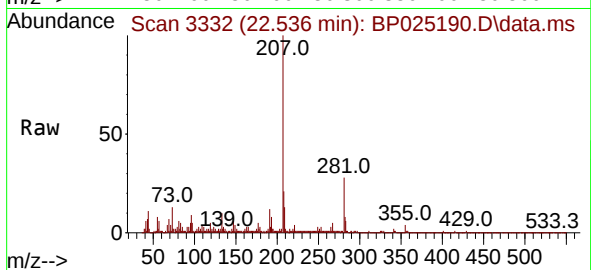
Tgt Ion:149 Resp: 5437

Ion Ratio Lower Upper

149 100

167 25.8 1.3 1.9#

43 82.9 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.495 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

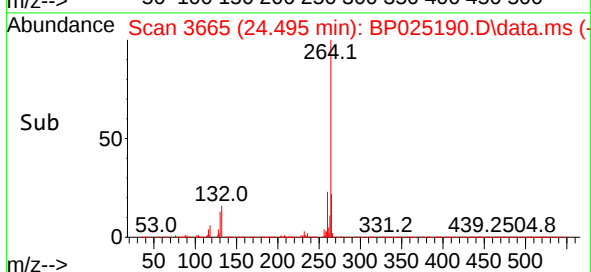
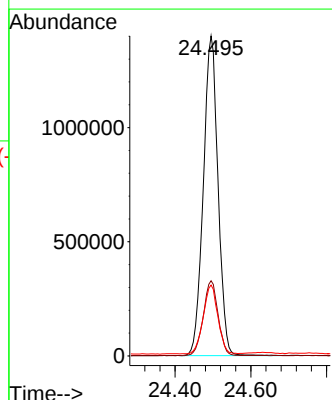
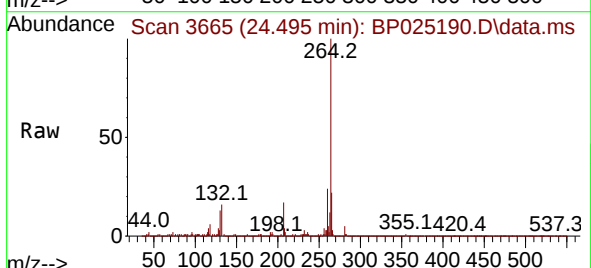
Tgt Ion:264 Resp: 3765908

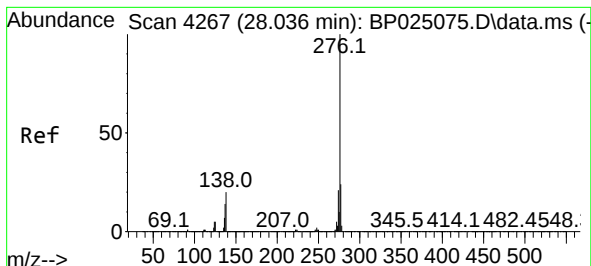
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.384 ng

RT: 28.036 min Scan# 4267

Delta R.T. 0.000 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

Instrument :

BNA_P

ClientSampleId :

HR-MCN-COMP-01

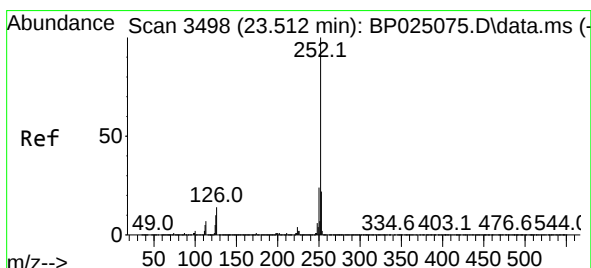
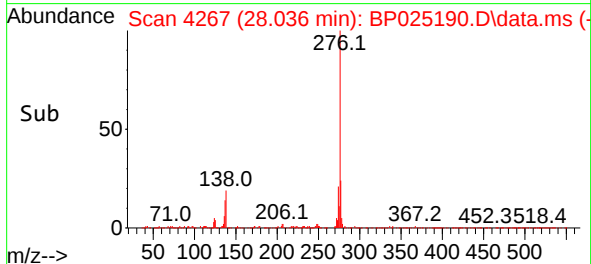
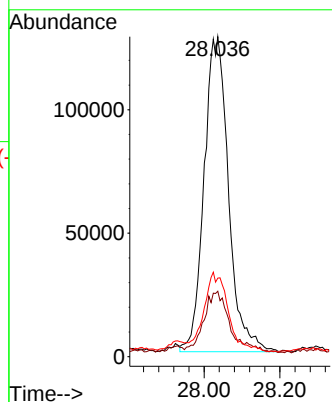
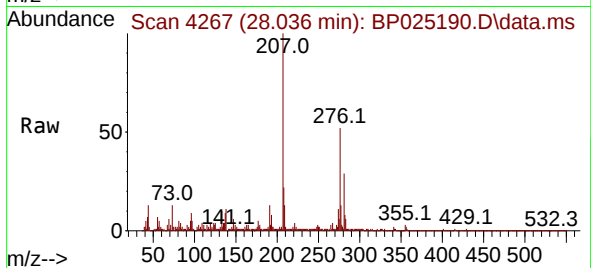
Tgt Ion:276 Resp: 572001

Ion Ratio Lower Upper

276 100

138 17.5 13.0 19.6

277 24.6 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 4.560 ng

RT: 23.513 min Scan# 3498

Delta R.T. 0.000 min

Lab File: BP025190.D

Acq: 18 Jul 2025 13:11

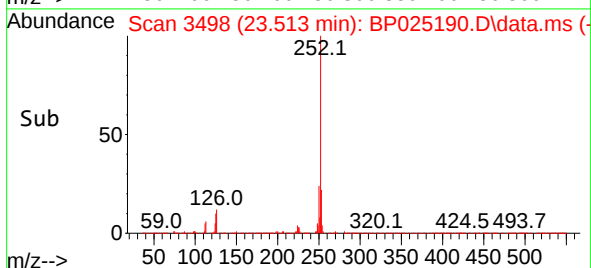
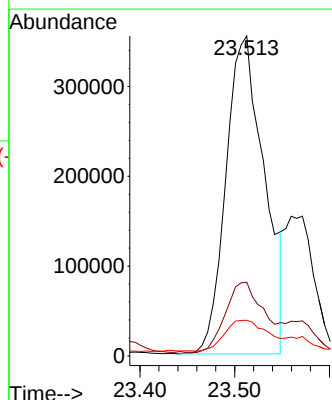
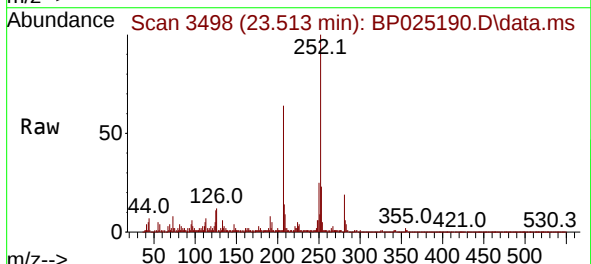
Tgt Ion:252 Resp: 999635

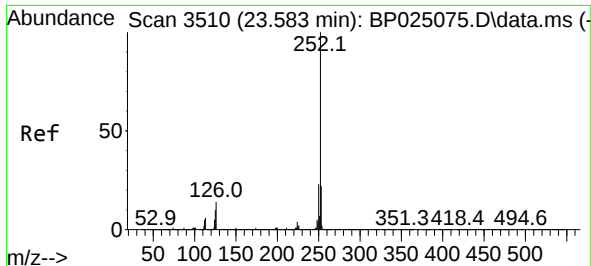
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 11.2 8.1 12.1

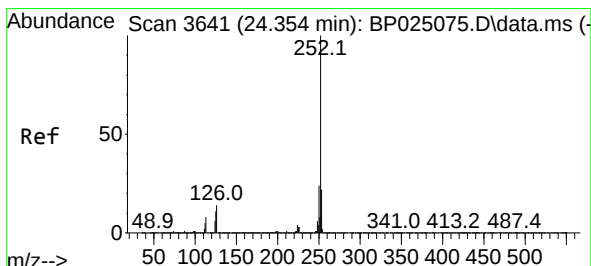
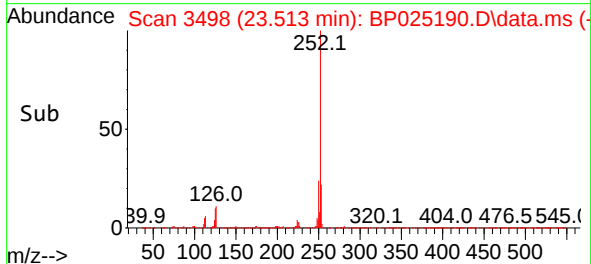
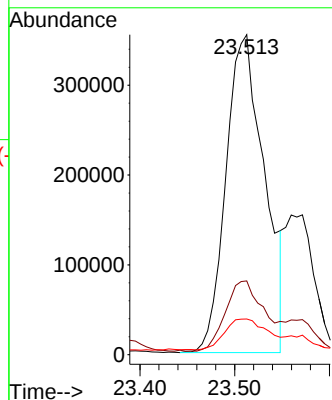
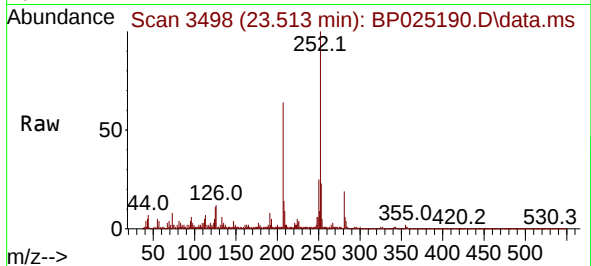




#89
Benzo(k)fluoranthene
Concen: 4.583 ng
RT: 23.513 min Scan# 34
Delta R.T. -0.070 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

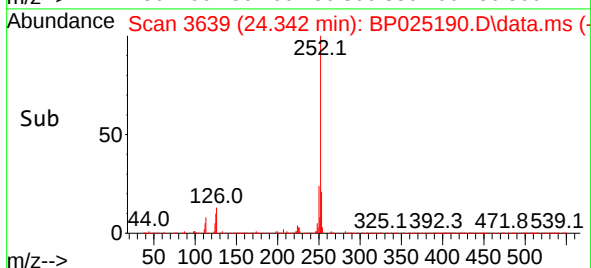
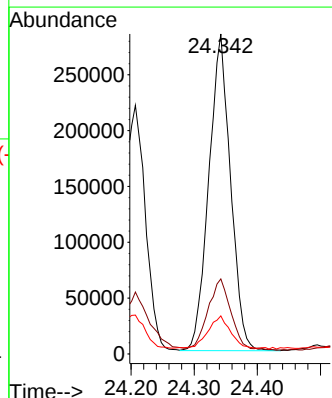
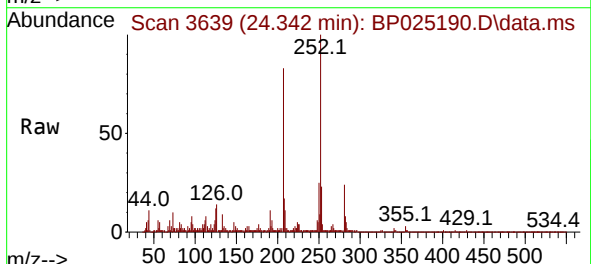
Instrument :
BNA_P
ClientSampleId :
HR-MCN-COMP-01

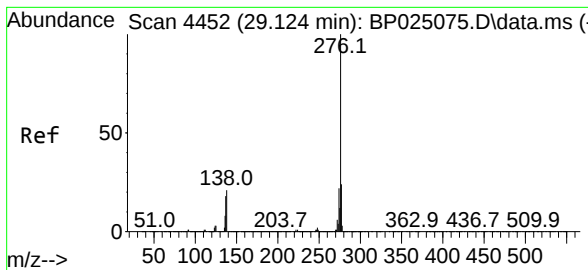
Tgt Ion:252 Resp: 999635
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.2 8.2 12.2



#90
Benzo(a)pyrene
Concen: 3.631 ng
RT: 24.342 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BP025190.D
Acq: 18 Jul 2025 13:11

Tgt Ion:252 Resp: 677312
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 11.9 9.0 13.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.818 ng
 RT: 29.101 min Scan# 44
 Delta R.T. -0.023 min
 Lab File: BP025190.D
 Acq: 18 Jul 2025 13:11

Instrument :
 BNA_P
 ClientSampleId :
 HR-MCN-COMP-01

Tgt Ion:276 Resp: 577376

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.3	28.9
138	19.3	16.9	25.3

