

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
 Data File : BP025284.D
 Acq On : 31 Jul 2025 17:33
 Operator : CG/JU
 Sample : Q2728-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 7211931-VNJ240

Quant Time: Jul 31 17:54:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

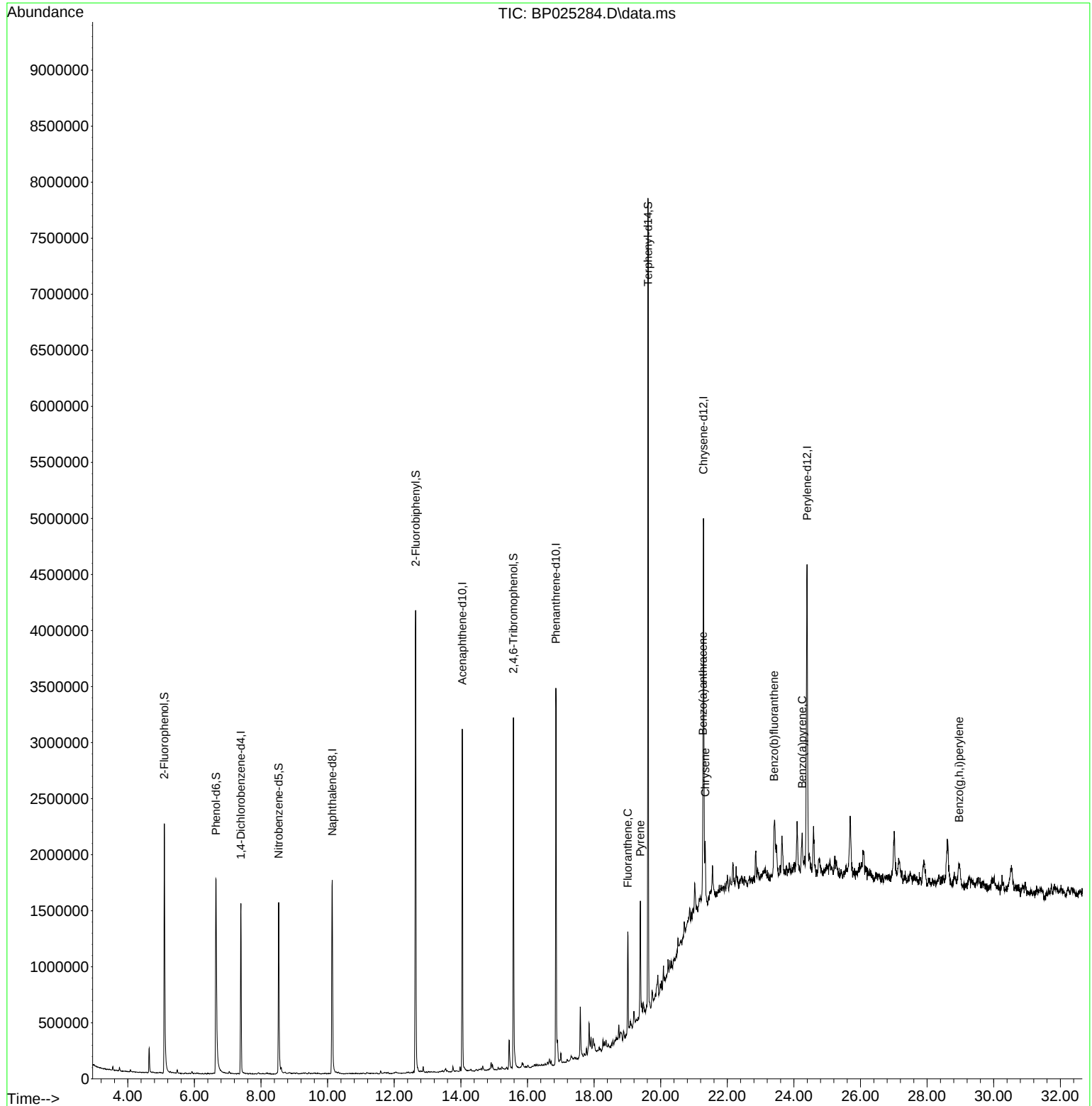
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	447212	20.000	ng	0.00
21) Naphthalene-d8	10.137	136	1755230	20.000	ng	0.00
39) Acenaphthene-d10	14.042	164	1056389	20.000	ng	0.00
64) Phenanthrene-d10	16.854	188	2016136	20.000	ng	-0.02
76) Chrysene-d12	21.283	240	2123845	20.000	ng	-0.02
86) Perylene-d12	24.395	264	2458720	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1237881	46.769	ng	-0.01
7) Phenol-d6	6.649	99	1559117	47.561	ng	0.00
23) Nitrobenzene-d5	8.531	82	943349	29.868	ng	0.00
42) 2,4,6-Tribromophenol	15.578	330	663574	42.609	ng	0.00
45) 2-Fluorobiphenyl	12.642	172	2471355	32.982	ng	0.00
79) Terphenyl-d14	19.619	244	3650206	33.927	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.013	202	609199	4.760	ng	99
78) Pyrene	19.389	202	681914	5.207	ng	97
81) Benzo(a)anthracene	21.266	228	338678	2.525	ng	94
83) Chrysene	21.336	228	435139	3.475	ng	97
88) Benzo(b)fluoranthene	23.407	252	592850	4.212	ng	# 92
90) Benzo(a)pyrene	24.248	252	361783	2.635	ng	# 93
92) Benzo(g,h,i)perylene	28.959	276	299180	2.077	ng	95

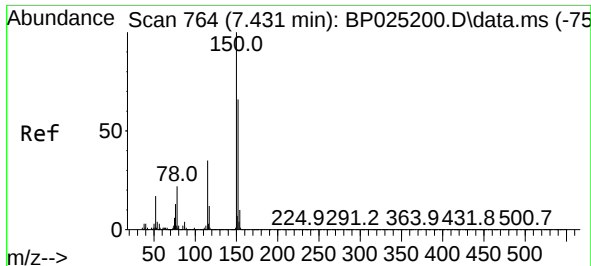
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
Data File : BP025284.D
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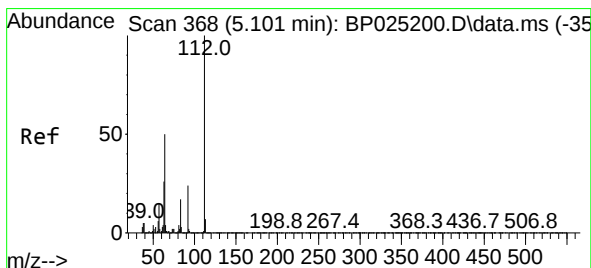
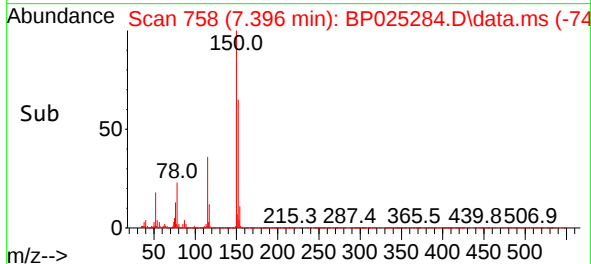
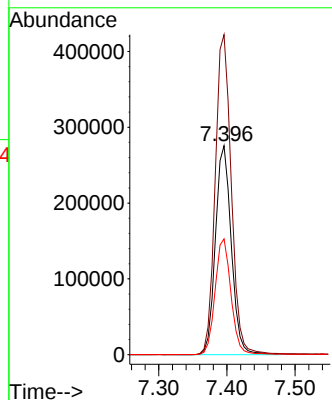
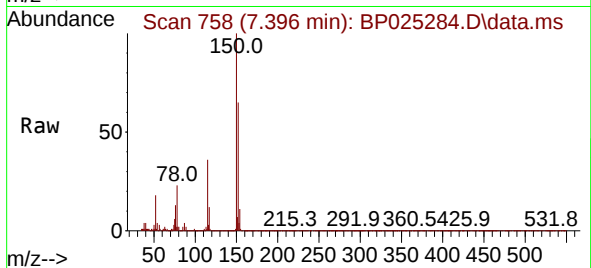




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.396 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP025284.D
 Acq: 31 Jul 2025 17:33

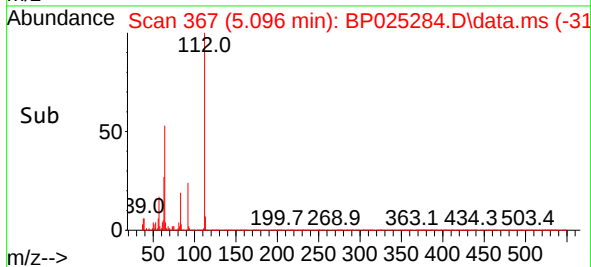
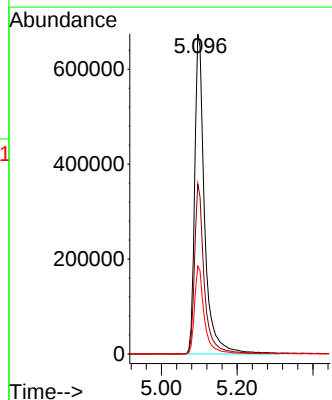
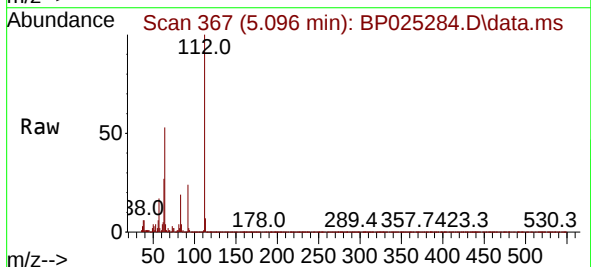
Instrument :
 BNA_P
 ClientSampleId :
 7211931-VNJ240

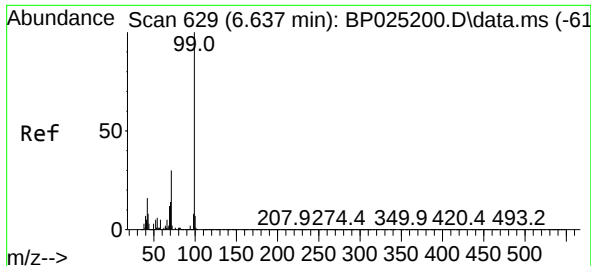
Tgt Ion:152 Resp: 447212
 Ion Ratio Lower Upper
 152 100
 150 153.2 121.9 182.9
 115 55.4 43.0 64.6



#5
 2-Fluorophenol
 Concen: 46.769 ng
 RT: 5.096 min Scan# 367
 Delta R.T. -0.012 min
 Lab File: BP025284.D
 Acq: 31 Jul 2025 17:33

Tgt Ion:112 Resp: 1237881
 Ion Ratio Lower Upper
 112 100
 64 53.1 39.8 59.6
 63 27.5 20.5 30.7

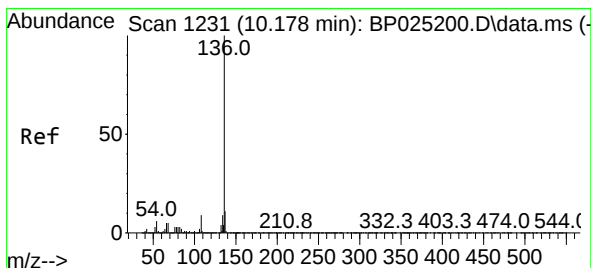
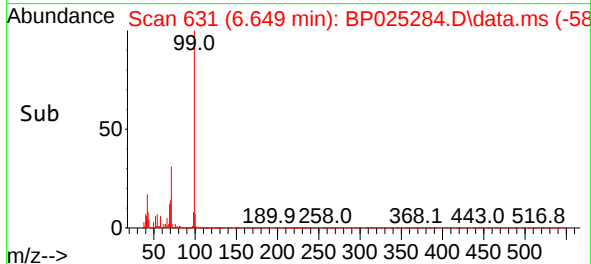
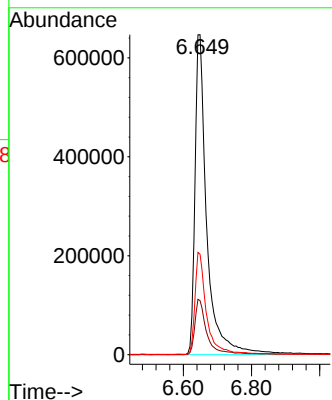
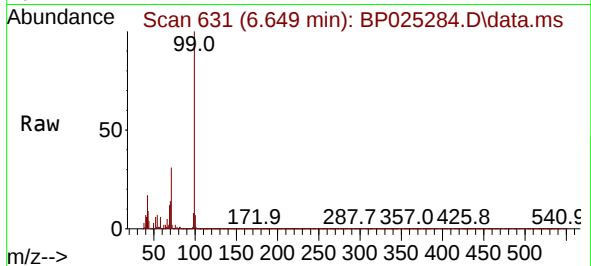




#7
Phenol-d6
Concen: 47.561 ng
RT: 6.649 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

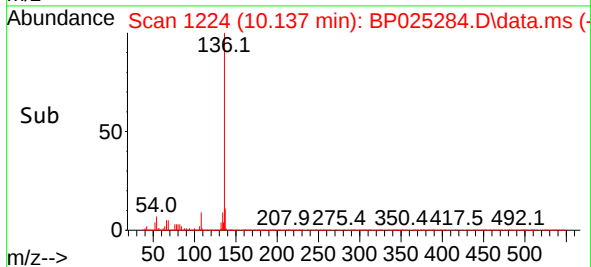
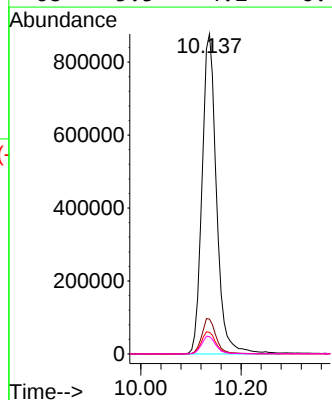
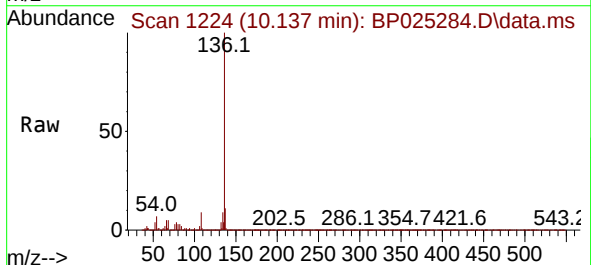
Instrument :
BNA_P
ClientSampleId :
7211931-VNJ240

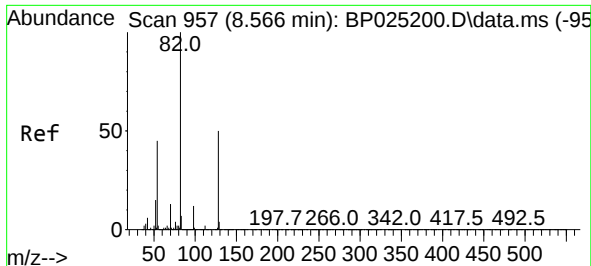
Tgt Ion: 99 Resp: 1559117
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 31.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.137 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

Tgt Ion:136 Resp: 1755230
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.1 7.7
68 5.5 4.2 6.4

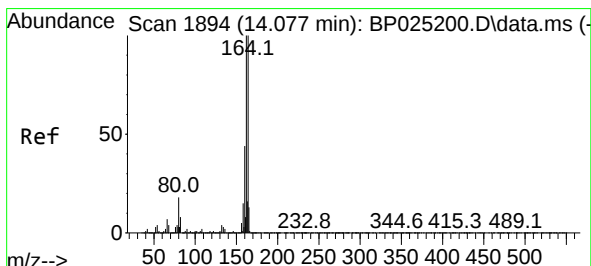
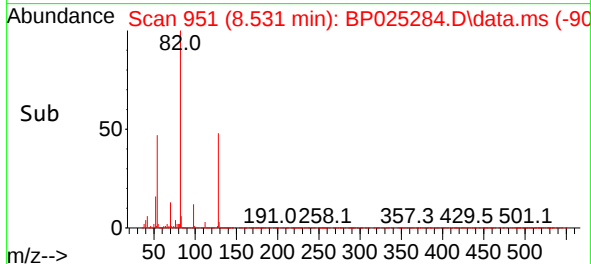
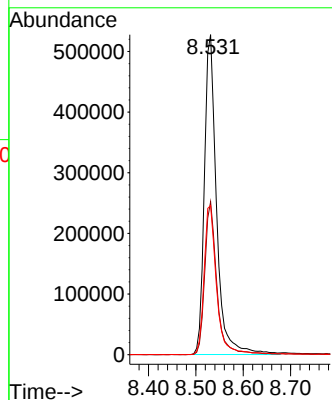
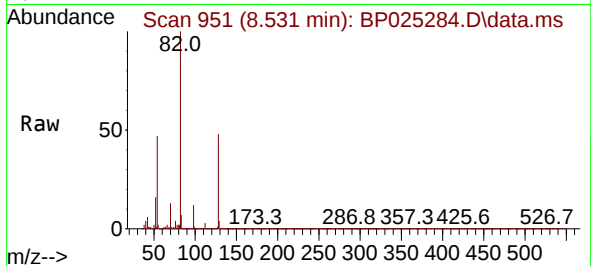




#23
Nitrobenzene-d5
Concen: 29.868 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

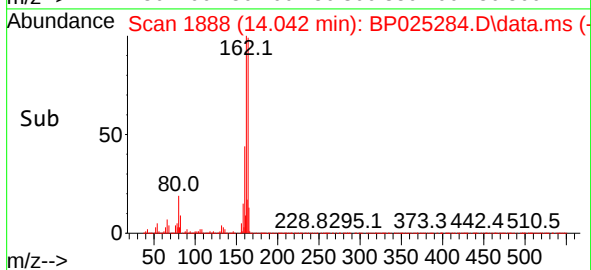
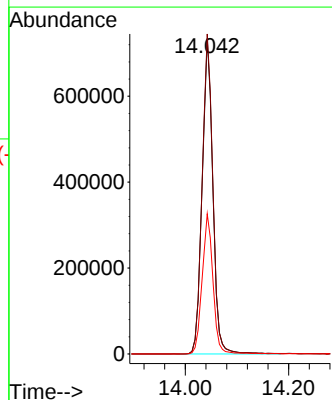
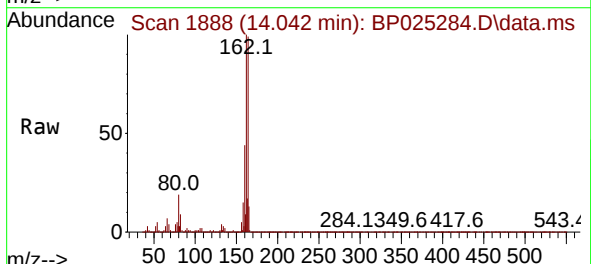
Instrument :
BNA_P
ClientSampleId :
7211931-VNJ240

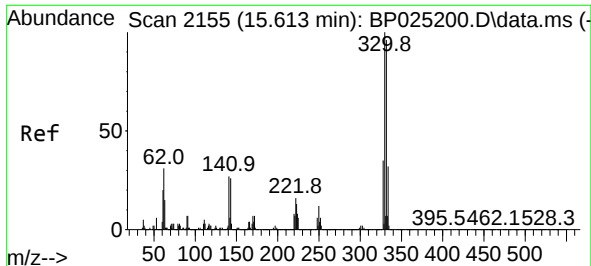
Tgt Ion: 82 Resp: 943349
Ion Ratio Lower Upper
82 100
128 47.8 40.2 60.4
54 46.6 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.042 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

Tgt Ion: 164 Resp: 1056389
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 44.5 35.7 53.5

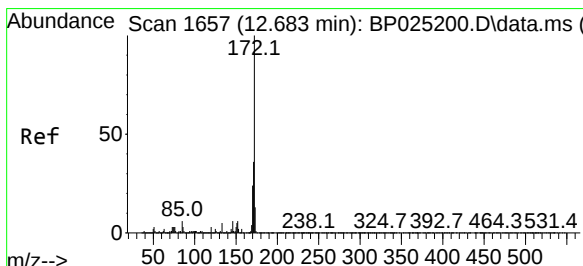
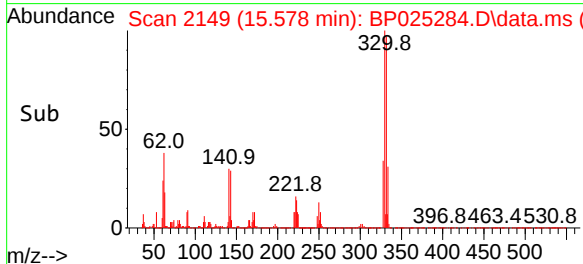
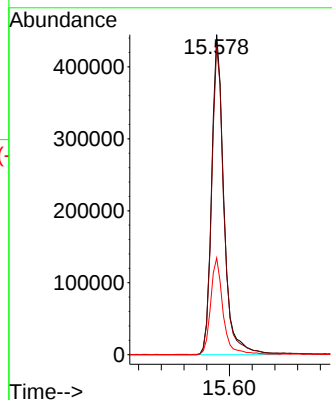
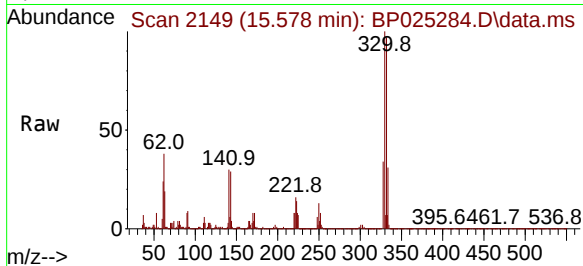




#42
2,4,6-Tribromophenol
Concen: 42.609 ng
RT: 15.578 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

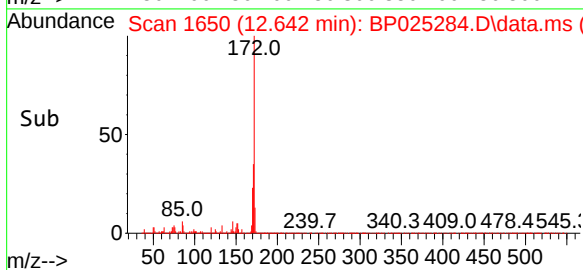
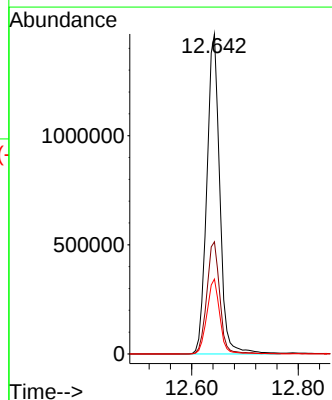
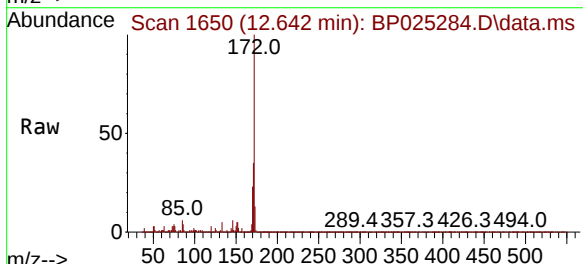
Instrument :
BNA_P
ClientSampleId :
7211931-VNJ240

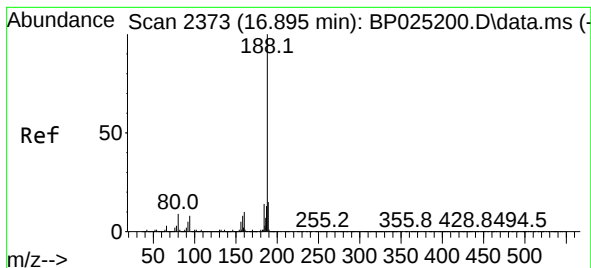
Tgt Ion: 330 Resp: 663574
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 30.3 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 32.982 ng
RT: 12.642 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

Tgt Ion: 172 Resp: 2471355
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.854 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

Instrument :

BNA_P

ClientSampleId :

7211931-VNJ240

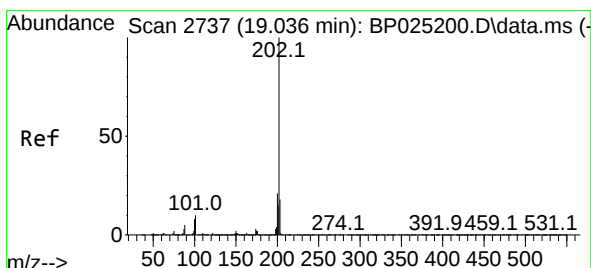
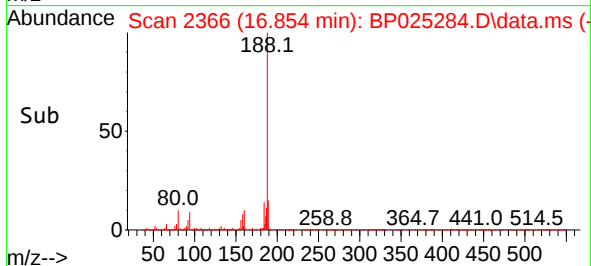
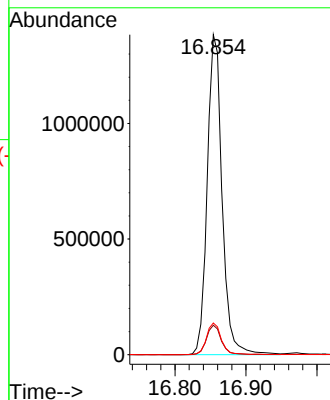
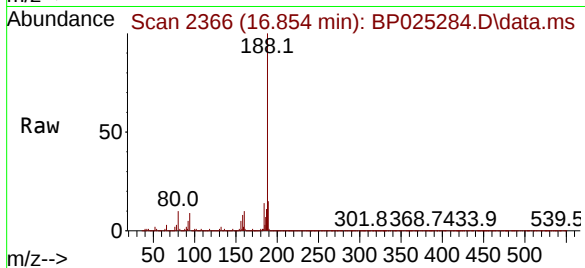
Tgt Ion:188 Resp: 2016136

Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 9.9 7.3 10.9



#75

Fluoranthene

Concen: 4.760 ng

RT: 19.013 min Scan# 2733

Delta R.T. -0.012 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

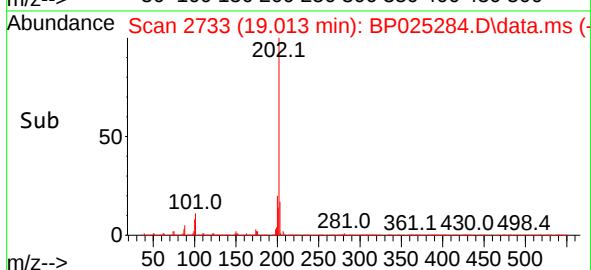
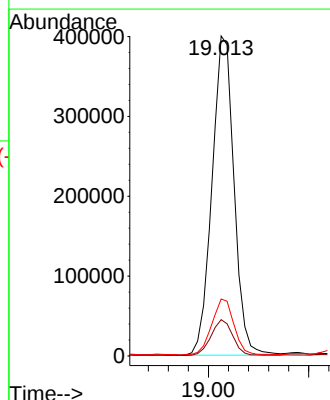
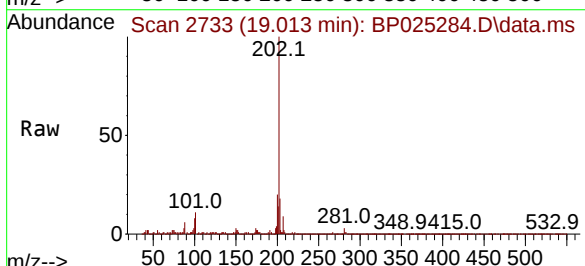
Tgt Ion:202 Resp: 609199

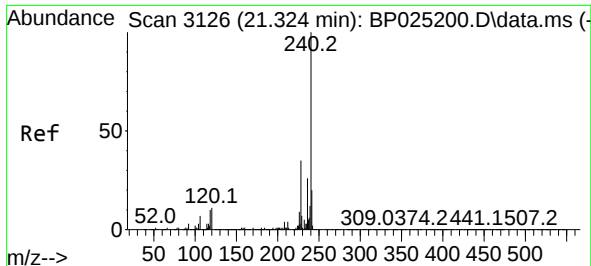
Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

203 17.8 0.0 38.0

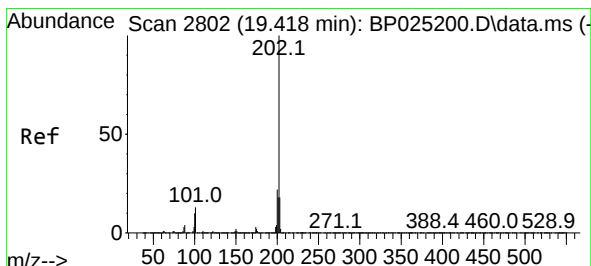
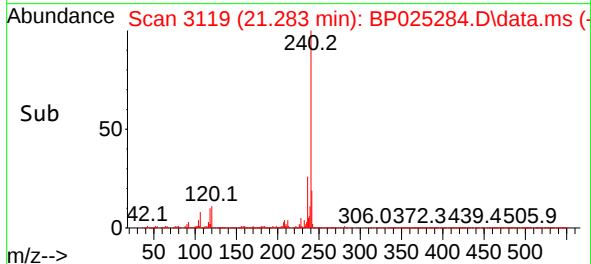
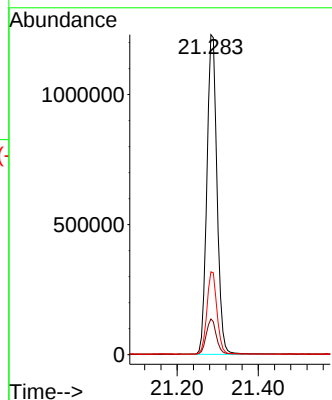
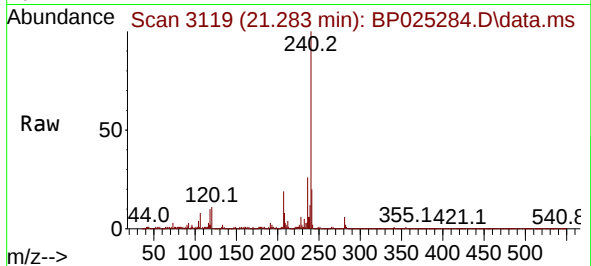




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.283 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

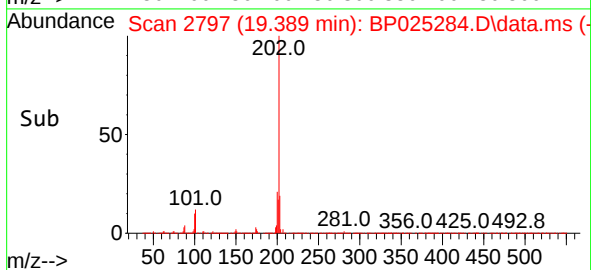
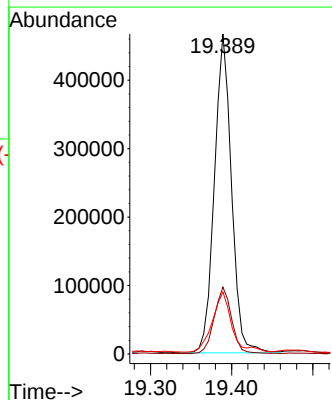
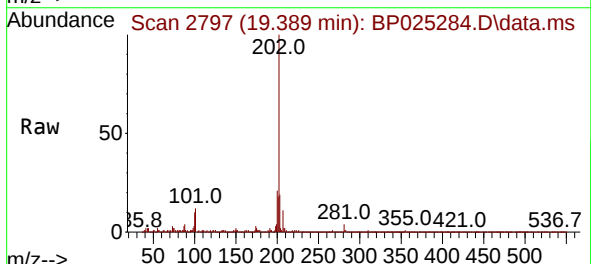
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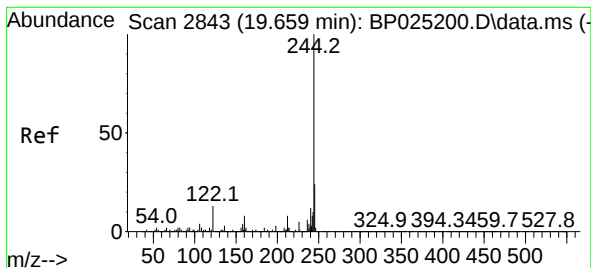
Tgt Ion:240 Resp: 2123845
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.9 20.9 31.3



#78
Pyrene
Concen: 5.207 ng
RT: 19.389 min Scan# 2797
Delta R.T. -0.012 min
Lab File: BP025284.D
Acq: 31 Jul 2025 17:33

Tgt Ion:202 Resp: 681914
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 19.4 14.3 21.5





#79

Terphenyl-d14

Concen: 33.927 ng

RT: 19.619 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

Instrument :

BNA_P

ClientSampleId :

7211931-VNJ240

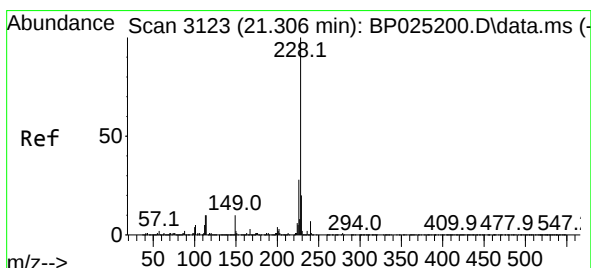
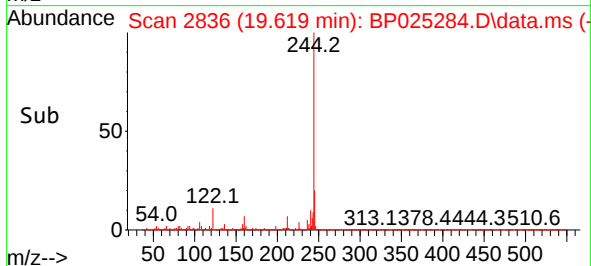
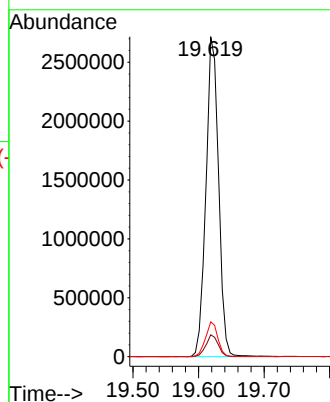
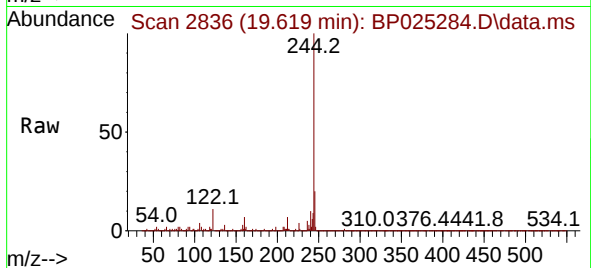
Tgt Ion:244 Resp: 3650206

Ion Ratio Lower Upper

244 100

212 6.9 6.6 9.8

122 10.9 10.3 15.5



#81

Benzo(a)anthracene

Concen: 2.525 ng

RT: 21.266 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

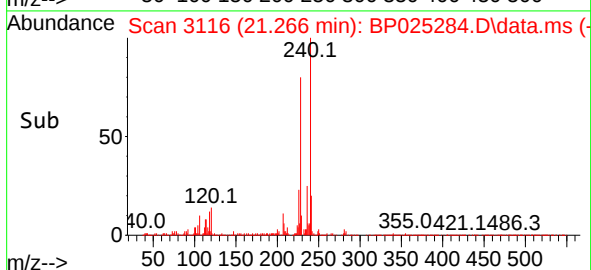
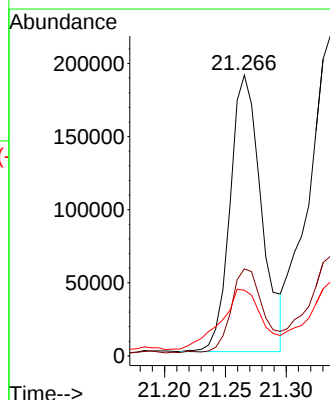
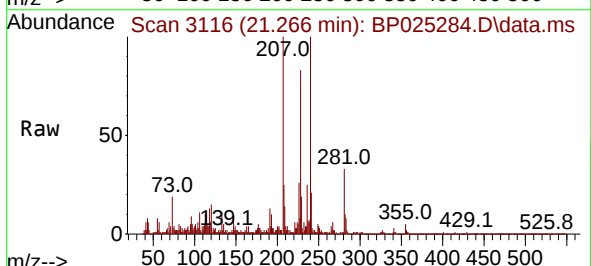
Tgt Ion:228 Resp: 338678

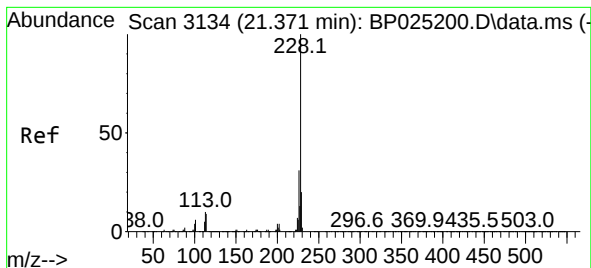
Ion Ratio Lower Upper

228 100

226 31.0 22.3 33.5

229 23.4 16.2 24.2





#83

Chrysene

Concen: 3.475 ng

RT: 21.336 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

Instrument :

BNA_P

ClientSampleId :

7211931-VNJ240

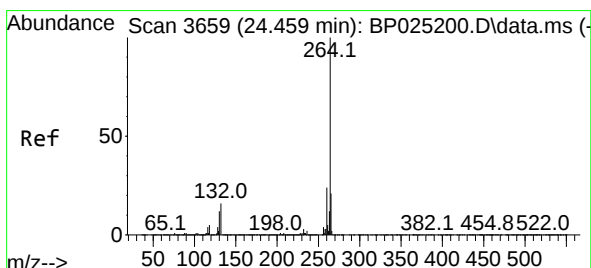
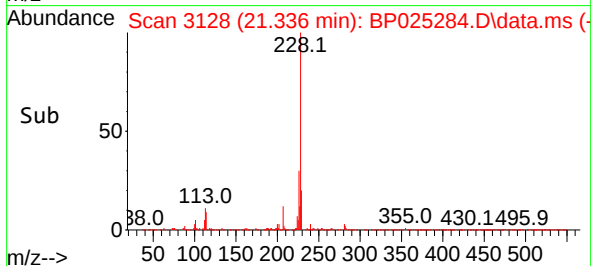
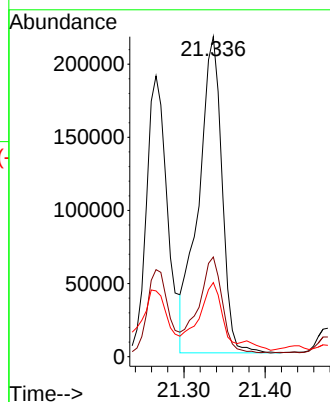
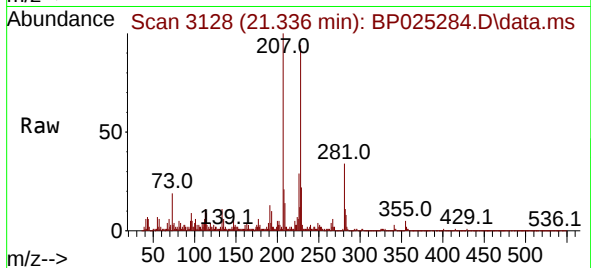
Tgt Ion:228 Resp: 435139

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

229 23.2 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.395 min Scan# 3648

Delta R.T. -0.018 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

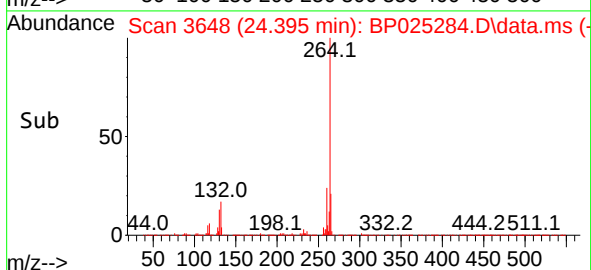
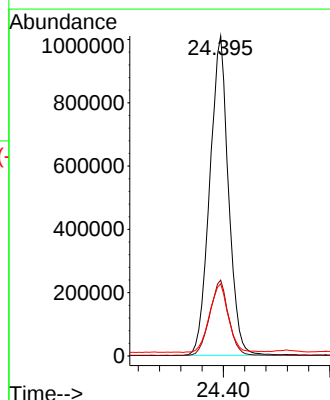
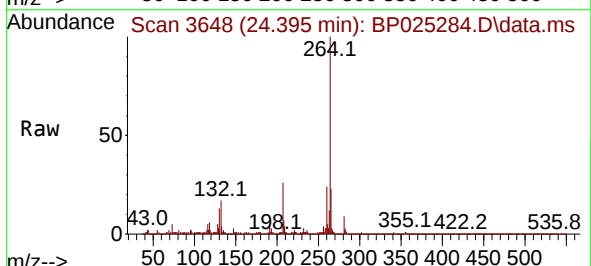
Tgt Ion:264 Resp: 2458720

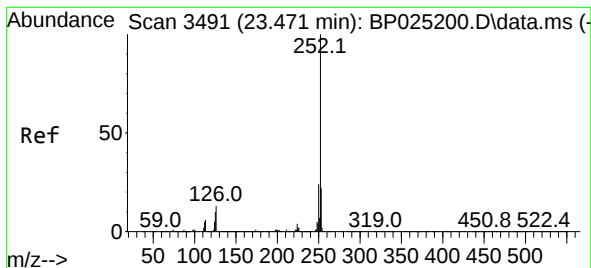
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.5 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 4.212 ng

RT: 23.407 min Scan# 34

Delta R.T. -0.029 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

Instrument :

BNA_P

ClientSampleId :

7211931-VNJ240

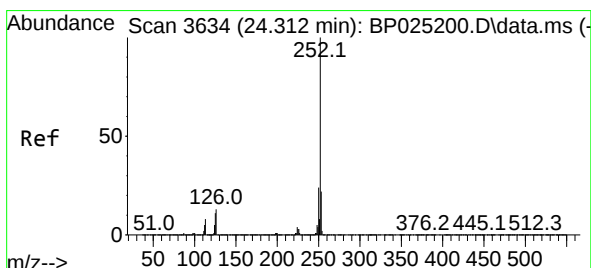
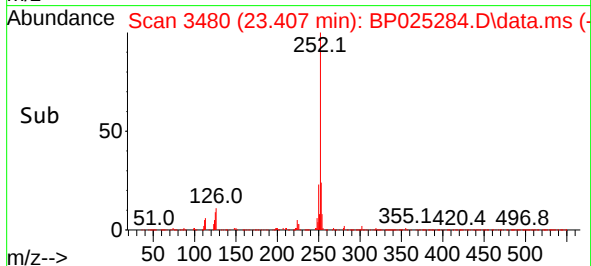
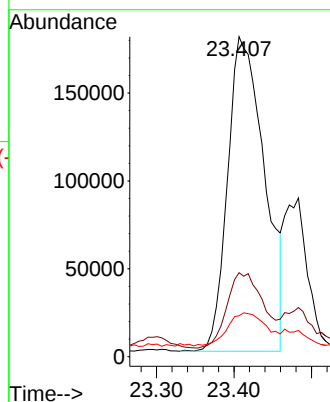
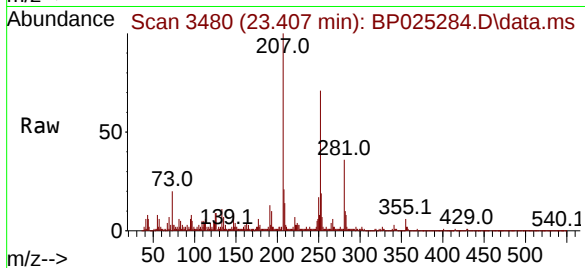
Tgt Ion:252 Resp: 592850

Ion Ratio Lower Upper

252 100

253 26.2 18.0 27.0

125 12.8 7.8 11.8#



#90

Benzo(a)pyrene

Concen: 2.635 ng

RT: 24.248 min Scan# 3623

Delta R.T. -0.029 min

Lab File: BP025284.D

Acq: 31 Jul 2025 17:33

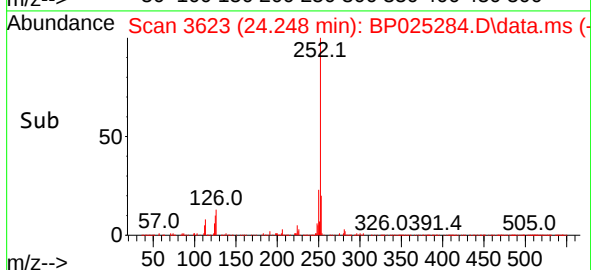
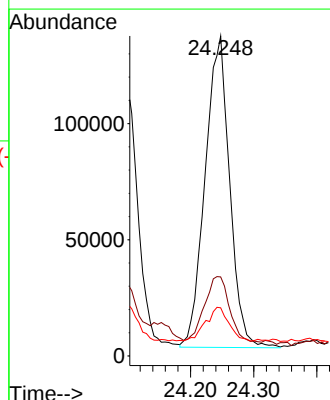
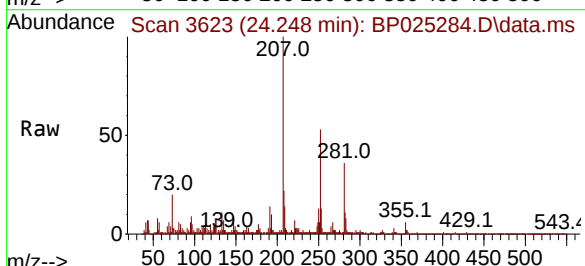
Tgt Ion:252 Resp: 361783

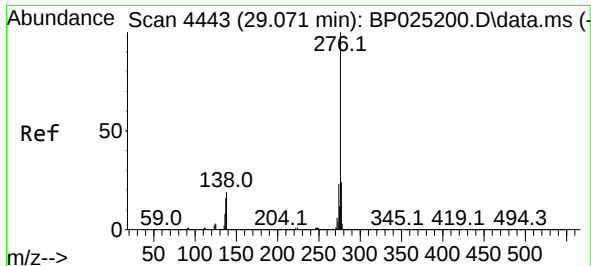
Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.6

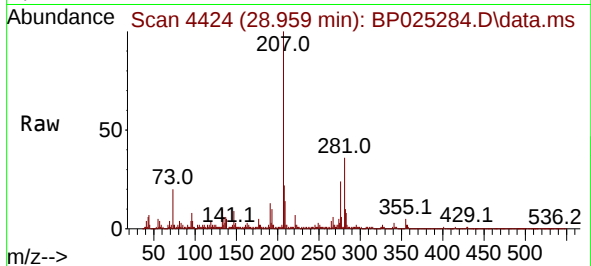
125 15.1 8.6 12.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.077 ng
 RT: 28.959 min Scan# 44
 Delta R.T. -0.035 min
 Lab File: BP025284.D
 Acq: 31 Jul 2025 17:33

Instrument :
 BNA_P
 ClientSampleId :
 7211931-VNJ240



Tgt Ion:276 Resp: 299180
 Ion Ratio Lower Upper
 276 100
 277 25.6 19.2 28.8
 138 22.1 15.4 23.2

