

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025152.D
 Acq On : 15 Jul 2025 19:25
 Operator : CG/JU
 Sample : Q2539-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HACKENSACK

Quant Time: Jul 16 00:59:24 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)

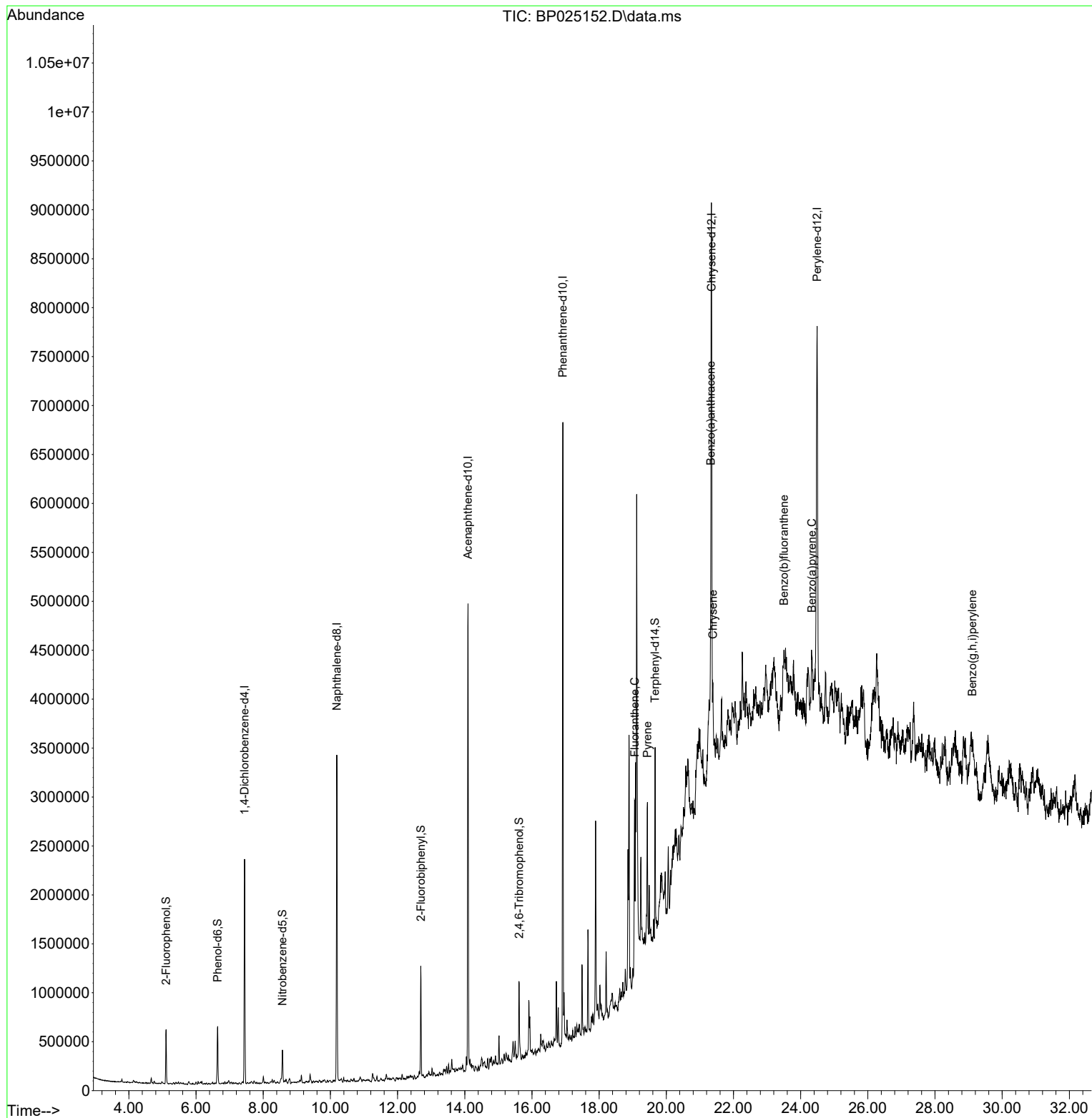
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	647512	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2719179	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1773435	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3429296	20.000	ng	0.01
76) Chrysene-d12	21.342	240	3345839	20.000	ng	0.00
86) Perylene-d12	24.489	264	3826981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	246421	6.743	ng	0.01
7) Phenol-d6	6.643	99	331713	6.956	ng	0.01
23) Nitrobenzene-d5	8.572	82	199514	4.880	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	166596	7.952	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	576706	5.038	ng	0.00
79) Terphenyl-d14	19.666	244	878415	5.770	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.060	202	890051	4.155	ng	99
78) Pyrene	19.436	202	903373	4.359	ng	99
81) Benzo(a)anthracene	21.325	228	460478	2.271	ng	# 88
83) Chrysene	21.389	228	479289	2.456	ng	# 93
88) Benzo(b)fluoranthene	23.501	252	701240	3.148	ng	# 81
90) Benzo(a)pyrene	24.336	252	533912	2.816	ng	# 84
92) Benzo(g,h,i)perylene	29.112	276	457621	2.198	ng	# 93

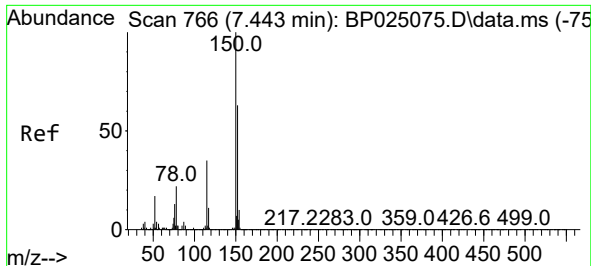
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
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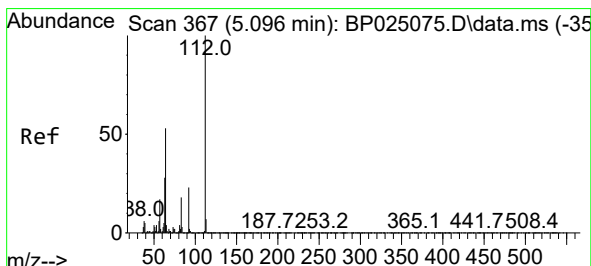
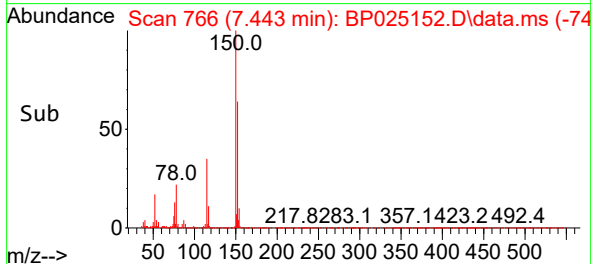
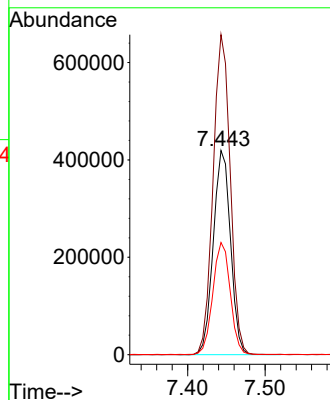
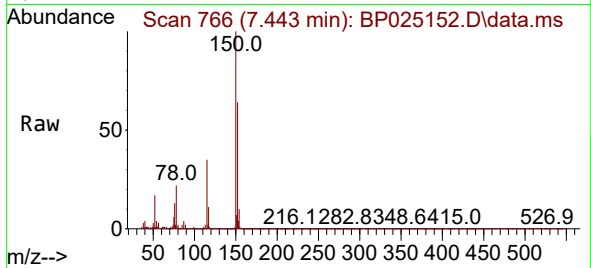




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

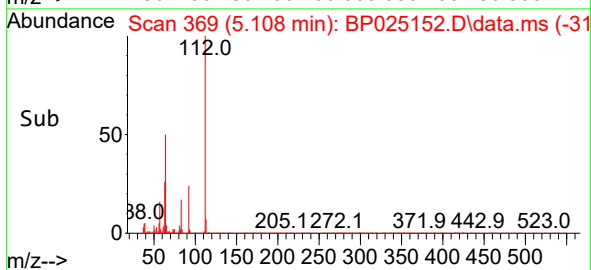
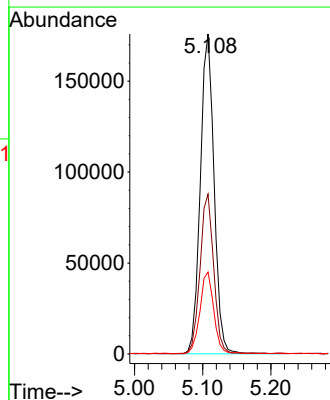
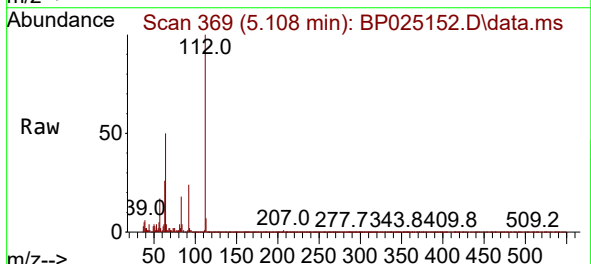
Instrument :
BNA_P
ClientSampleId :
HACKENSACK

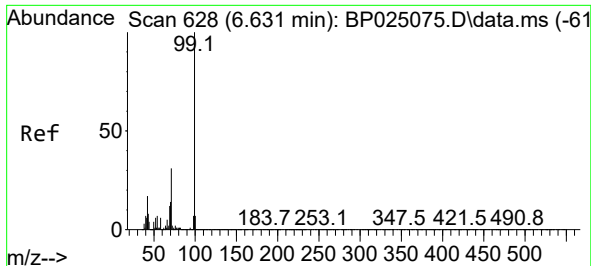
Tgt Ion:152 Resp: 647512
Ion Ratio Lower Upper
152 100
150 156.7 126.1 189.1
115 54.9 44.3 66.5



#5
2-Fluorophenol
Concen: 6.743 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

Tgt Ion:112 Resp: 246421
Ion Ratio Lower Upper
112 100
64 50.0 42.0 63.0
63 25.6 22.2 33.2

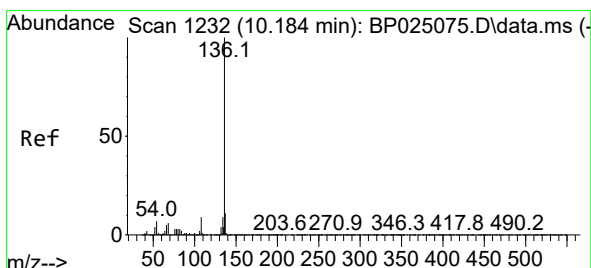
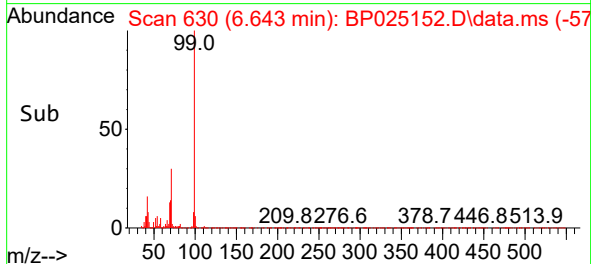
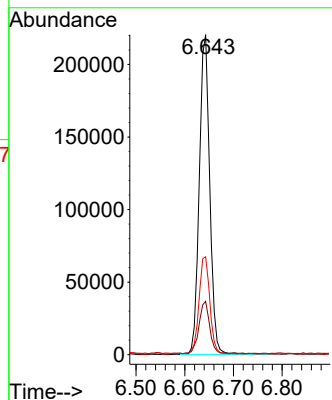
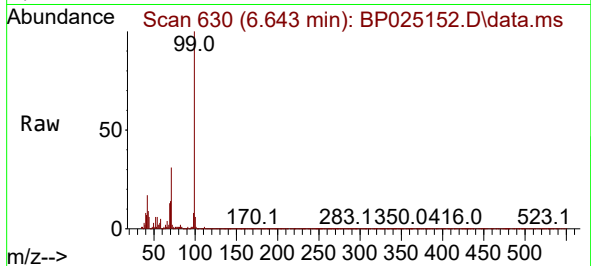




#7
Phenol-d6
Concen: 6.956 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

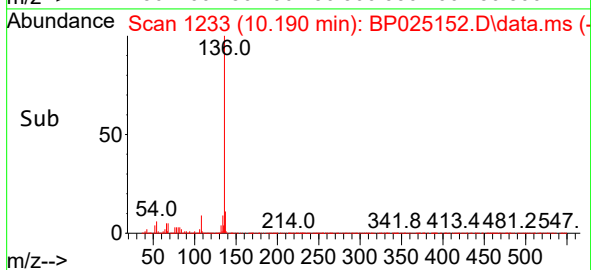
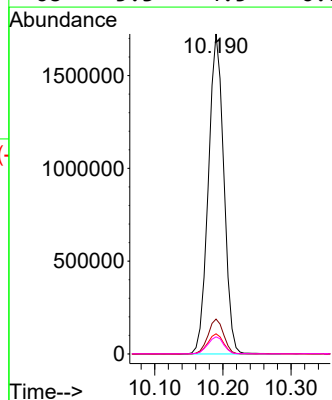
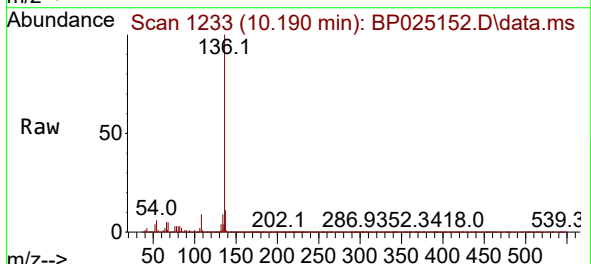
Instrument :
BNA_P
ClientSampleId :
HACKENSACK

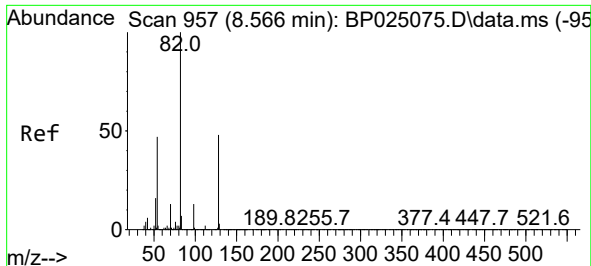
Tgt Ion: 99 Resp: 331713
Ion Ratio Lower Upper
99 100
42 16.6 13.6 20.4
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

Tgt Ion: 136 Resp: 2719179
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.3 5.4 8.2
68 5.3 4.5 6.7

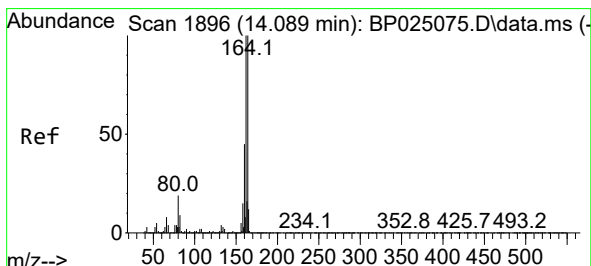
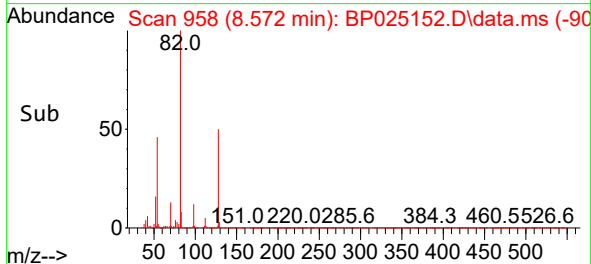
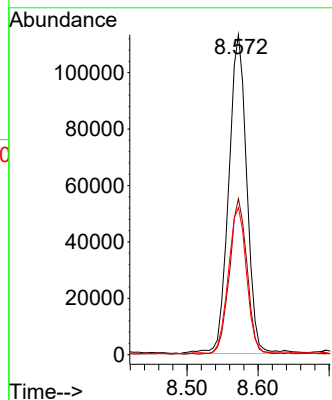
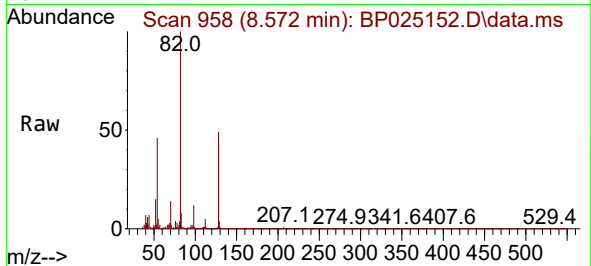




#23
Nitrobenzene-d5
Concen: 4.880 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

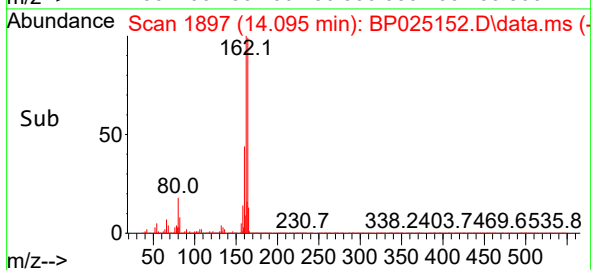
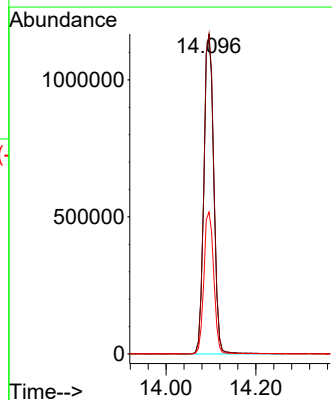
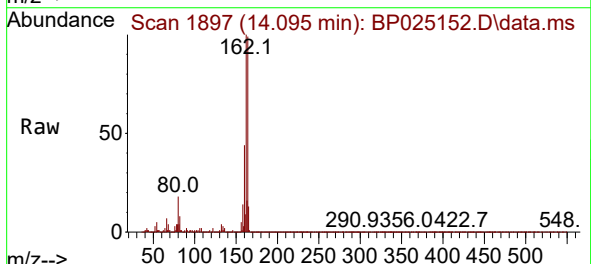
Instrument :
BNA_P
ClientSampleId :
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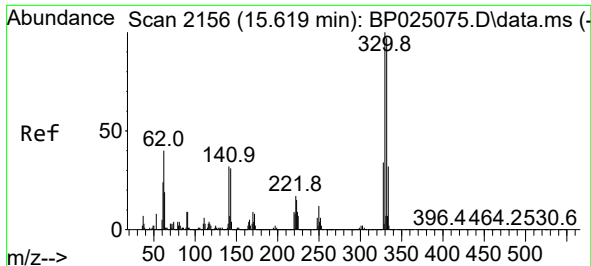
Tgt Ion: 82 Resp: 199514
Ion Ratio Lower Upper
82 100
128 48.8 38.4 57.6
54 45.9 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

Tgt Ion:164 Resp: 1773435
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.7 35.9 53.9

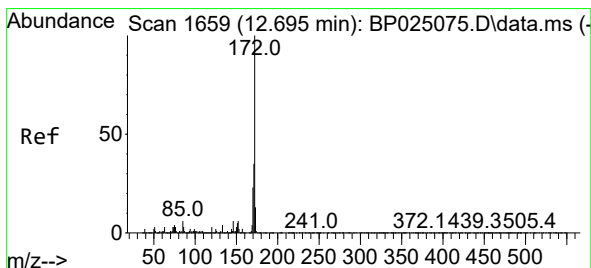
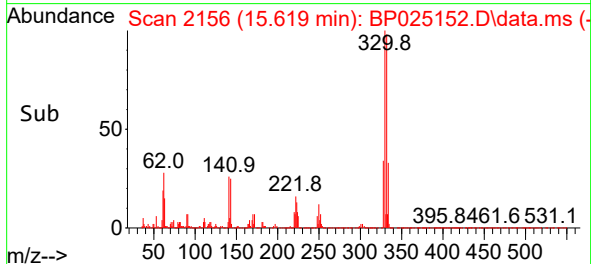
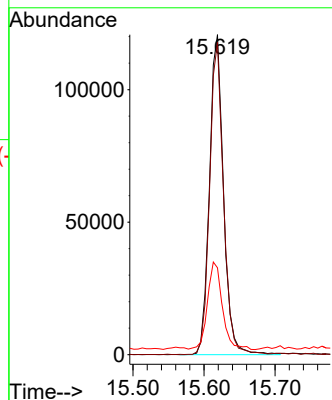
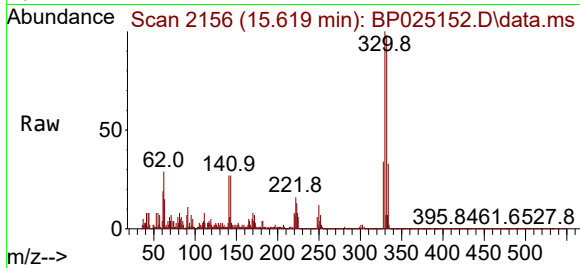




#42
2,4,6-Tribromophenol
Concen: 7.952 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

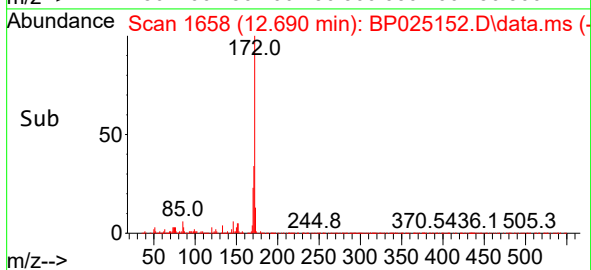
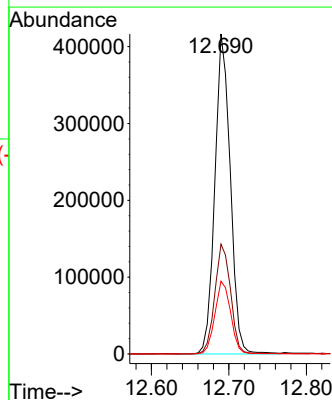
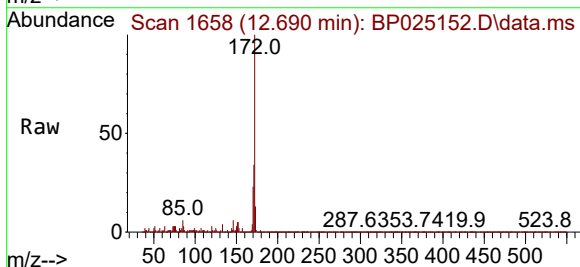
Instrument :
BNA_P
ClientSampleId :
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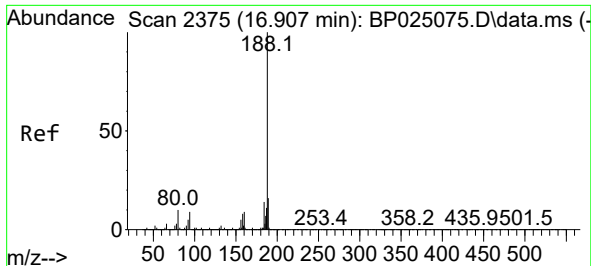
Tgt Ion:330 Resp: 166596
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 28.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 5.038 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

Tgt Ion:172 Resp: 576706
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.8 18.7 28.1

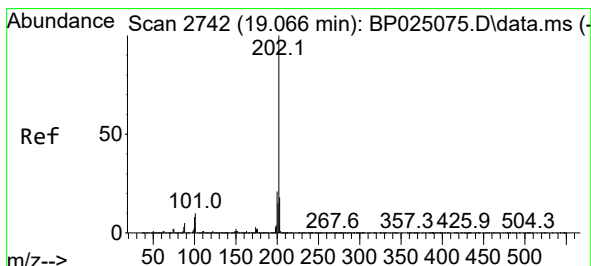
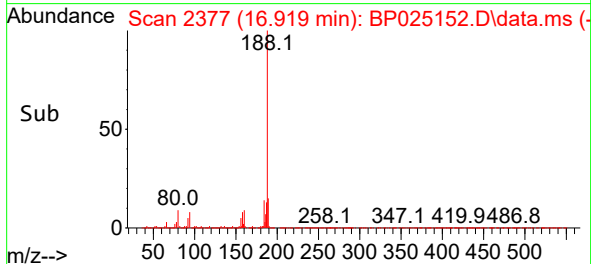
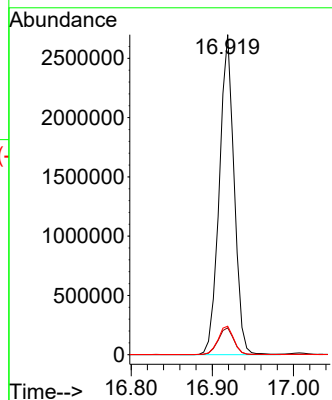
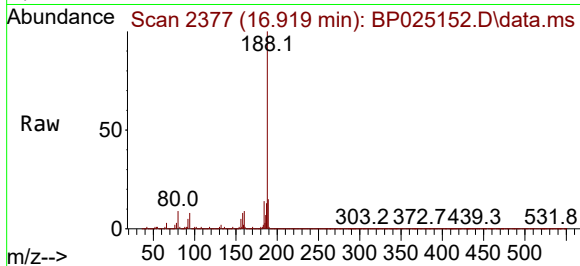




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

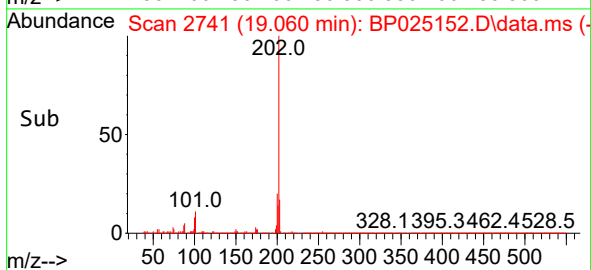
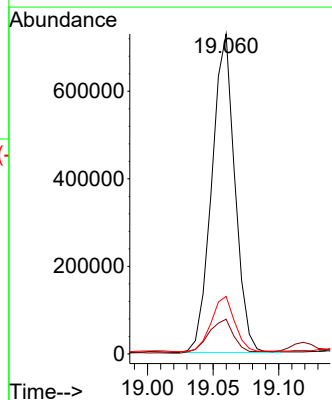
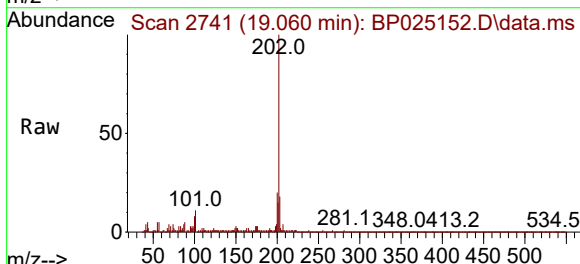
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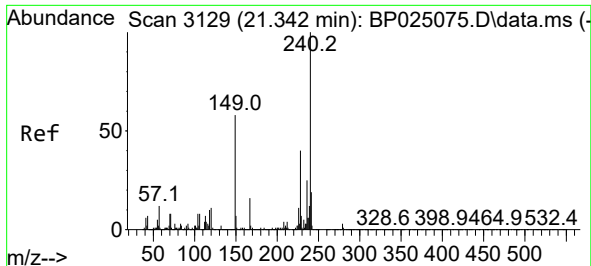
Tgt Ion:188 Resp: 3429296
Ion Ratio Lower Upper
188 100
94 8.4 7.3 10.9
80 8.9 7.8 11.6



#75
Fluoranthene
Concen: 4.155 ng
RT: 19.060 min Scan# 2741
Delta R.T. -0.006 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

Tgt Ion:202 Resp: 890051
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.4
203 18.0 0.0 37.6

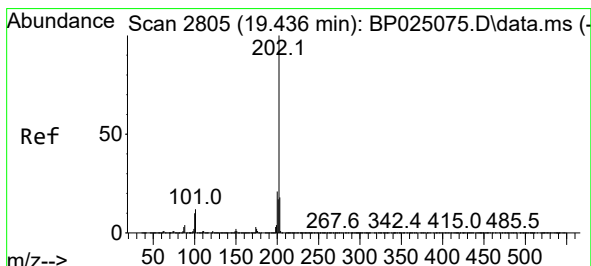
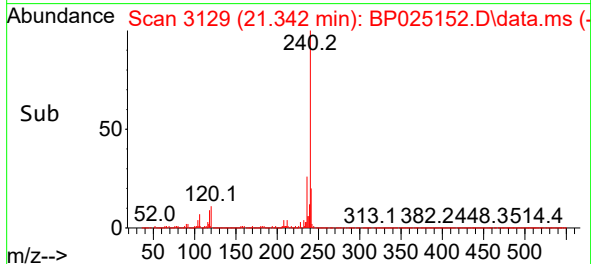
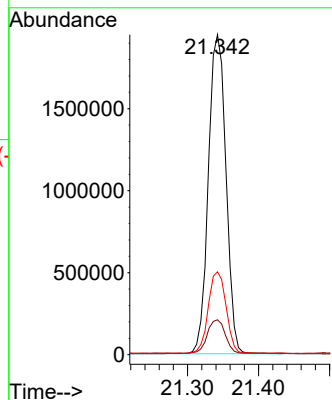
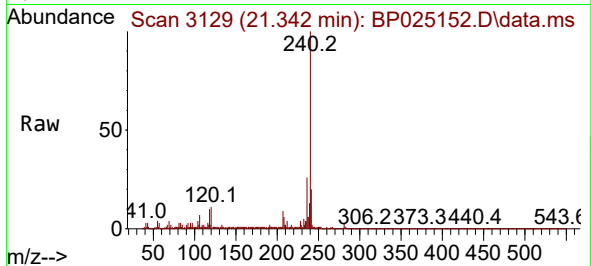




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

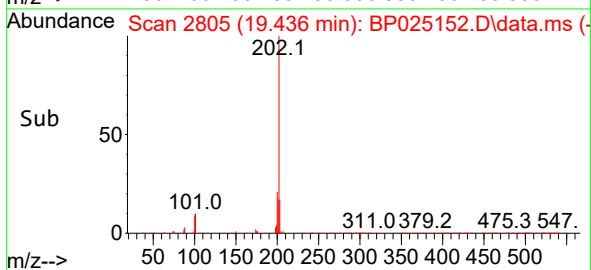
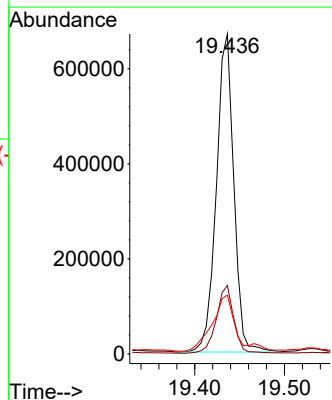
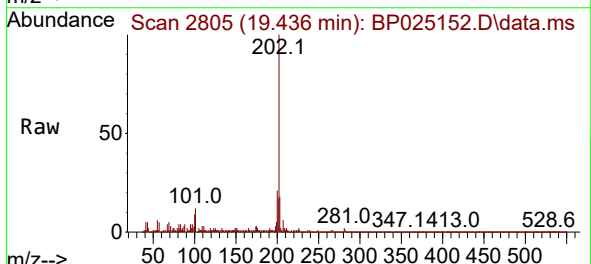
Instrument :
BNA_P
ClientSampleId :
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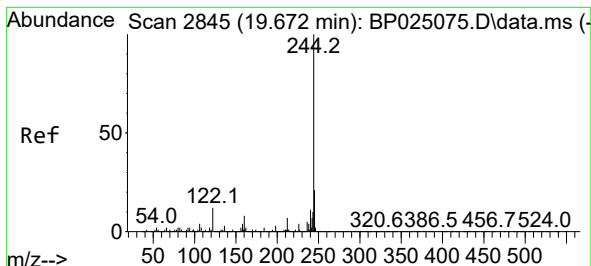
Tgt Ion:240 Resp: 3345839
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.9 20.3 30.5



#78
Pyrene
Concen: 4.359 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

Tgt Ion:202 Resp: 903373
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.4 14.1 21.1





#79

Terphenyl-d14

Concen: 5.770 ng

RT: 19.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025152.D

Acq: 15 Jul 2025 19:25

Instrument :

BNA_P

ClientSampleId :

HACKENSACK

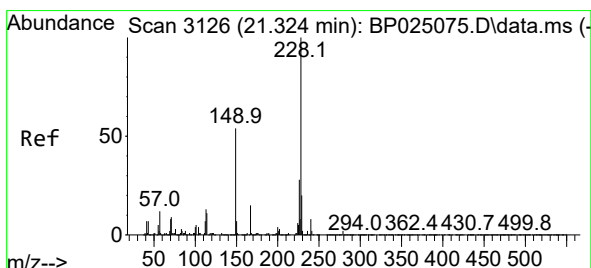
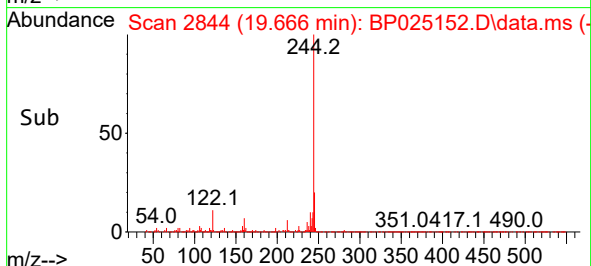
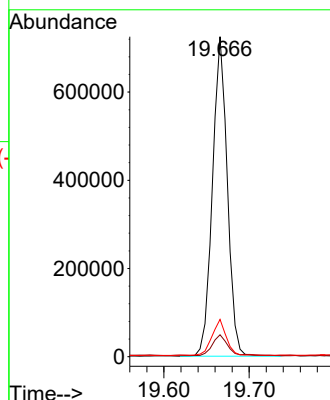
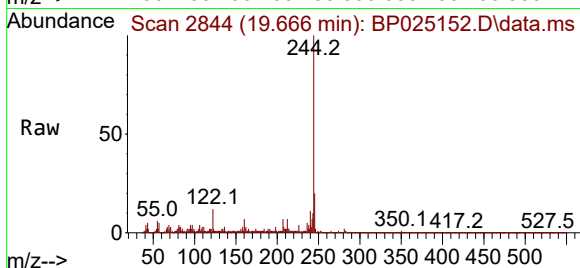
Tgt Ion:244 Resp: 878415

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 11.6 9.4 14.2



#81

Benzo(a)anthracene

Concen: 2.271 ng

RT: 21.325 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP025152.D

Acq: 15 Jul 2025 19:25

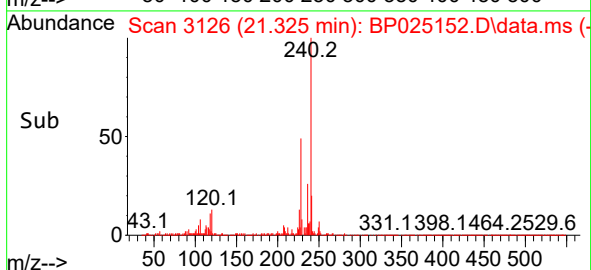
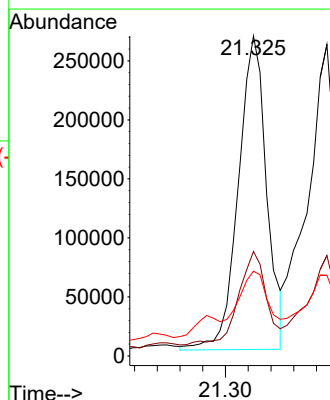
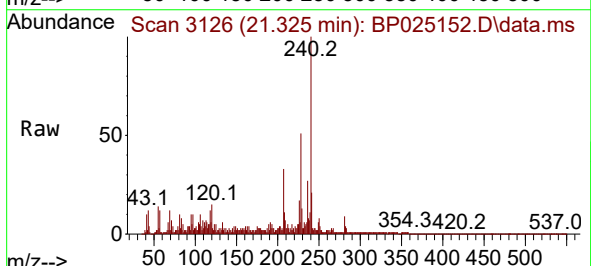
Tgt Ion:228 Resp: 460478

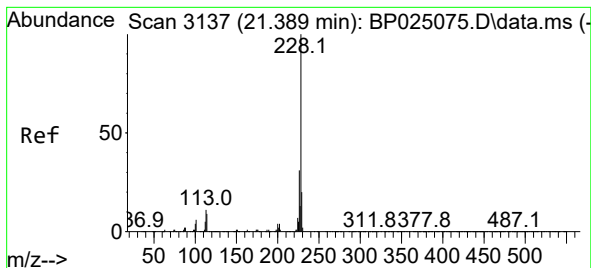
Ion Ratio Lower Upper

228 100

226 32.6 22.1 33.1

229 26.5 16.0 24.0#





#83

Chrysene

Concen: 2.456 ng

RT: 21.389 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BP025152.D

Acq: 15 Jul 2025 19:25

Instrument :

BNA_P

ClientSampleId :

HACKENSACK

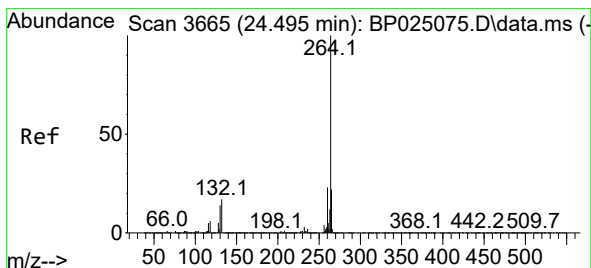
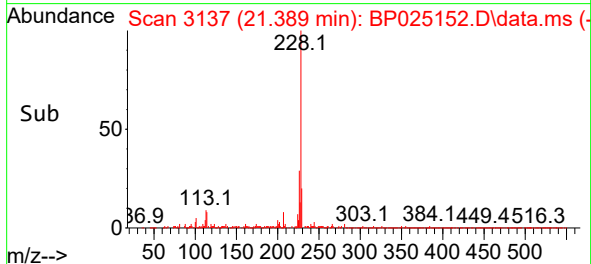
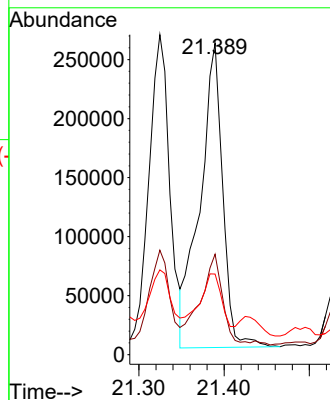
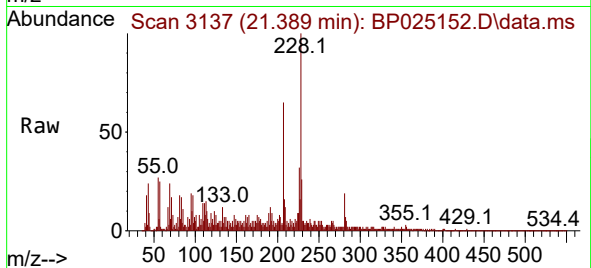
Tgt Ion:228 Resp: 479289

Ion Ratio Lower Upper

228 100

226 32.3 24.4 36.6

229 25.9 16.0 24.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.489 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BP025152.D

Acq: 15 Jul 2025 19:25

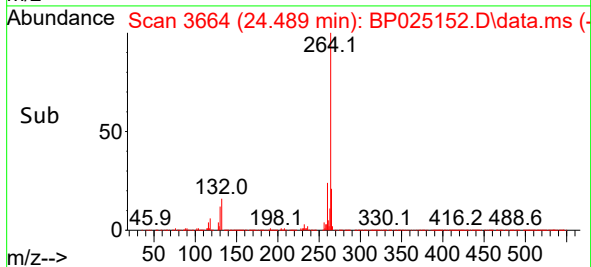
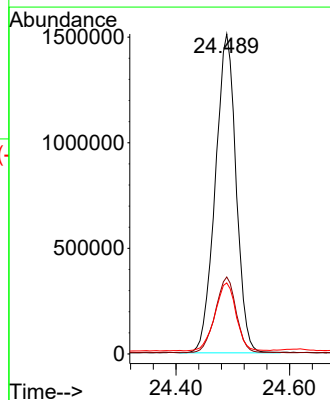
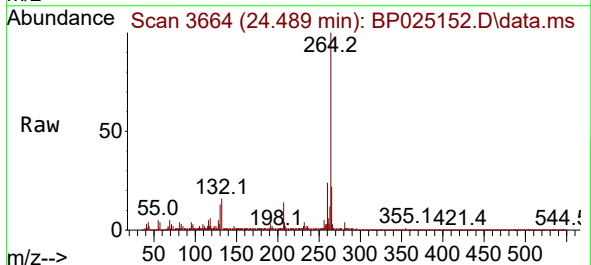
Tgt Ion:264 Resp: 3826981

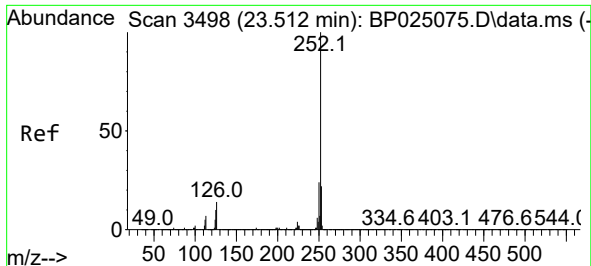
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.2 17.7 26.5

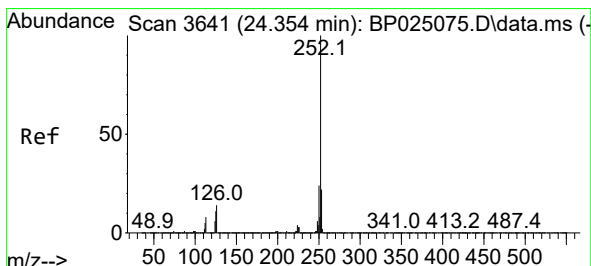
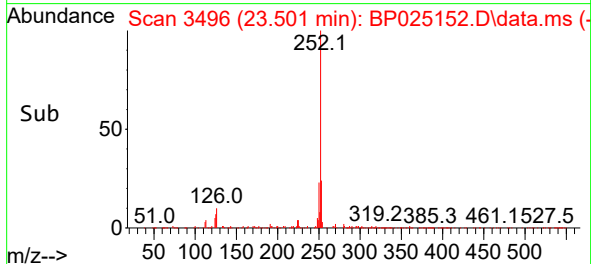
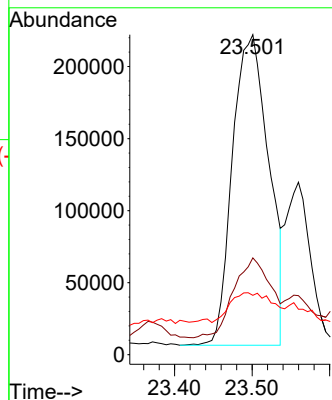
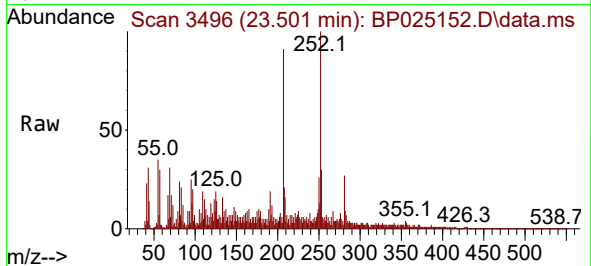




#88
Benzo(b)fluoranthene
Concen: 3.148 ng
RT: 23.501 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

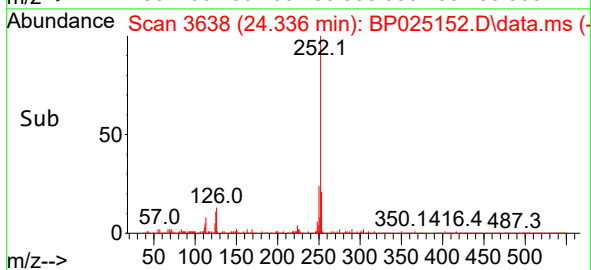
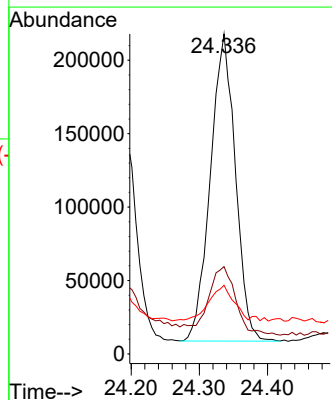
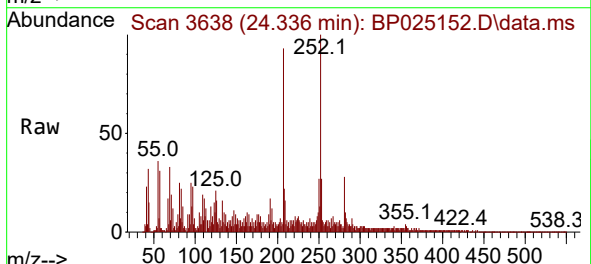
Instrument :
BNA_P
ClientSampleId :
HACKENSACK

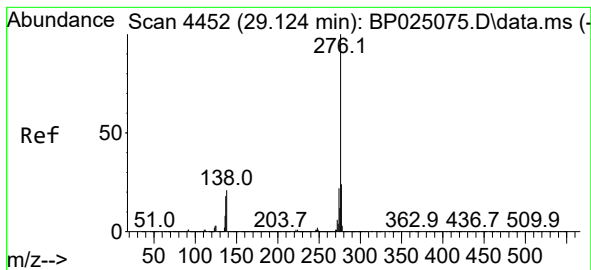
Tgt Ion:252 Resp: 701240
Ion Ratio Lower Upper
252 100
253 30.2 17.7 26.5#
125 18.6 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 2.816 ng
RT: 24.336 min Scan# 3638
Delta R.T. -0.017 min
Lab File: BP025152.D
Acq: 15 Jul 2025 19:25

Tgt Ion:252 Resp: 533912
Ion Ratio Lower Upper
252 100
253 27.3 17.6 26.4#
125 21.5 9.0 13.4#





#92

Benzo(g,h,i)perylene

Concen: 2.198 ng

RT: 29.112 min Scan# 44

Delta R.T. -0.012 min

Lab File: BP025152.D

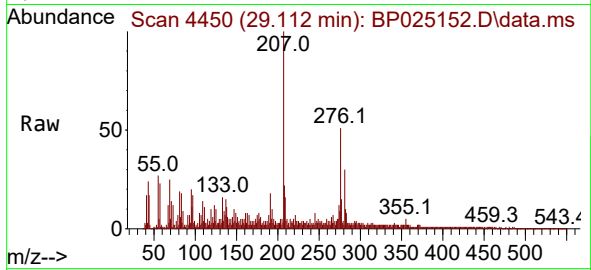
Acq: 15 Jul 2025 19:25

Instrument :

BNA_P

ClientSampleId :

HACKENSACK



Tgt Ion:276 Resp: 457621

Ion Ratio Lower Upper

276 100

277 29.2 19.3 28.9#

138 22.4 16.9 25.3

