

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025179.D
 Acq On : 17 Jul 2025 15:39
 Operator : CG/JU
 Sample : Q2622-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2819

Quant Time: Jul 17 16:00:13 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)

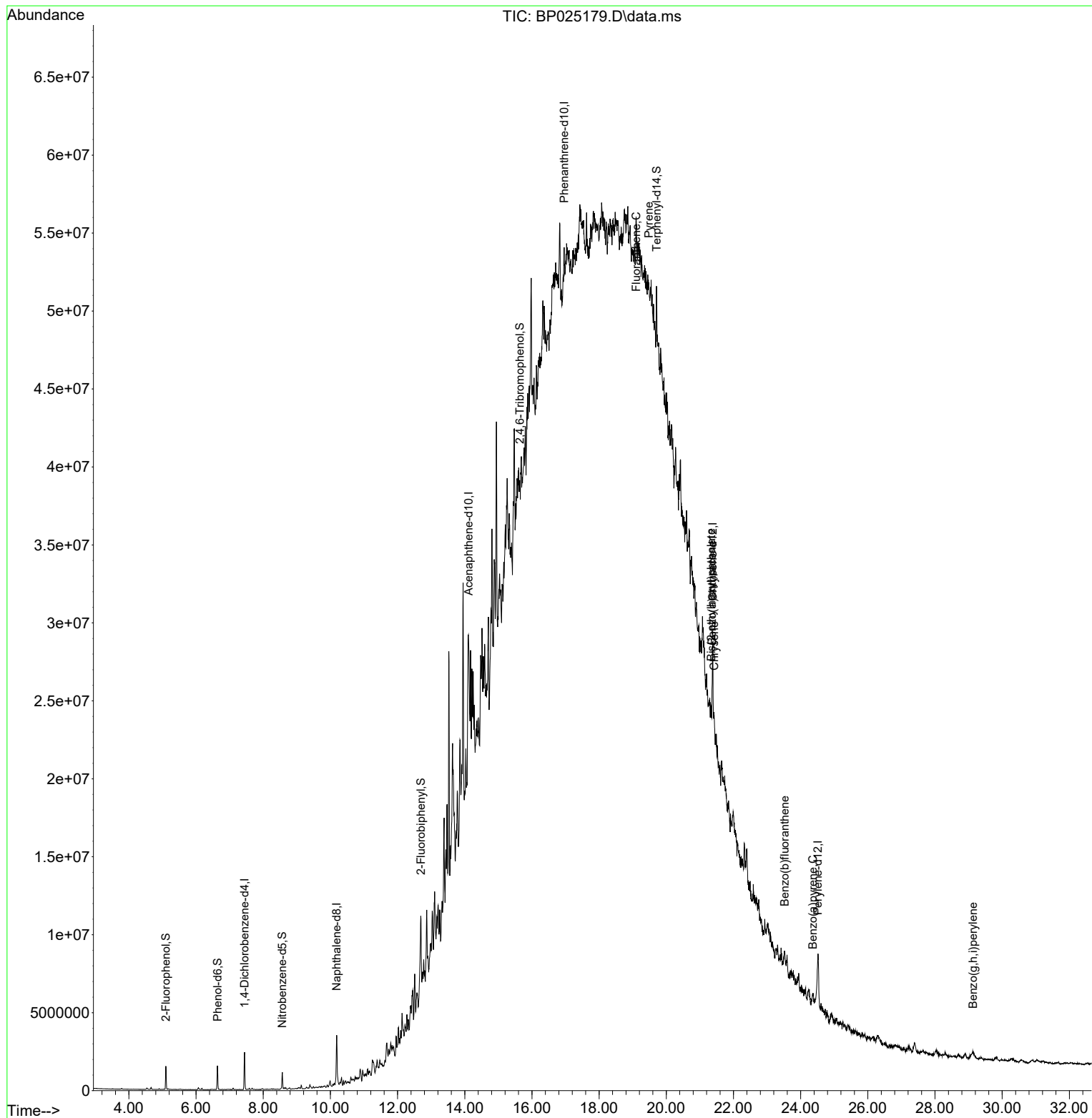
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	670972	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2645366	20.000	ng	0.00
39) Acenaphthene-d10	14.113	164	1382915	20.000	ng	0.02
64) Phenanthrene-d10	16.960	188	1946085	20.000	ng	# 0.05
76) Chrysene-d12	21.377	240	2997894	20.000	ng	0.04
86) Perylene-d12	24.512	264	3729285	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	676470	17.864	ng	0.00
7) Phenol-d6	6.637	99	879545	17.798	ng	0.00
23) Nitrobenzene-d5	8.566	82	574335	14.439	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	399696	24.466	ng	0.02
45) 2-Fluorobiphenyl	12.695	172	1444563	16.182	ng	0.00
79) Terphenyl-d14	19.713	244	1715162	12.574	ng	0.04
Target Compounds						
						Qvalue
75) Fluoranthene	19.101	202	1374961	11.312	ng	75
78) Pyrene	19.477	202	1326901	7.146	ng	# 83
81) Benzo(a)anthracene	21.360	228	562106	3.094	ng	# 89
83) Chrysene	21.424	228	782139	4.474	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.336	149	327400	3.360	ng	# 81
88) Benzo(b)fluoranthene	23.524	252	1006986	4.639	ng	# 75
90) Benzo(a)pyrene	24.360	252	523885	2.836	ng	# 73
92) Benzo(g,h,i)perylene	29.136	276	430122	2.120	ng	96

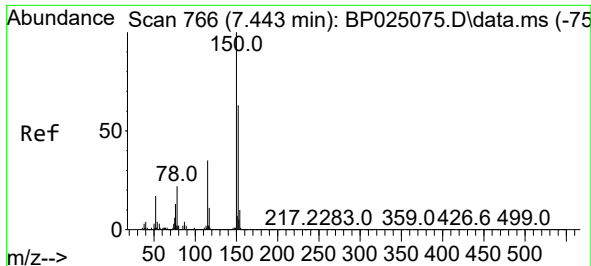
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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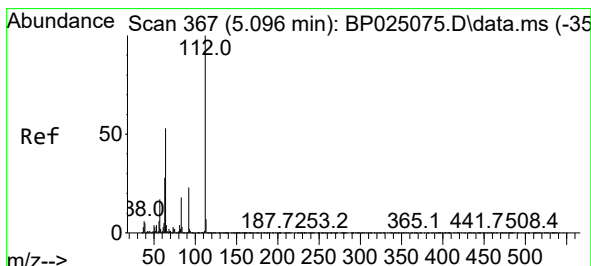
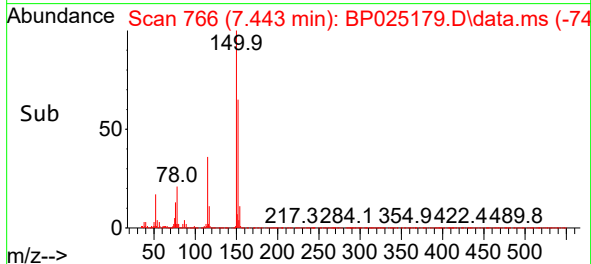
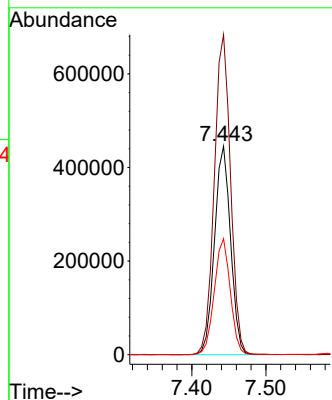
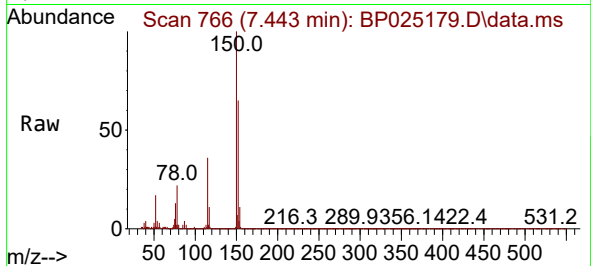




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BP025179.D
 Acq: 17 Jul 2025 15:39

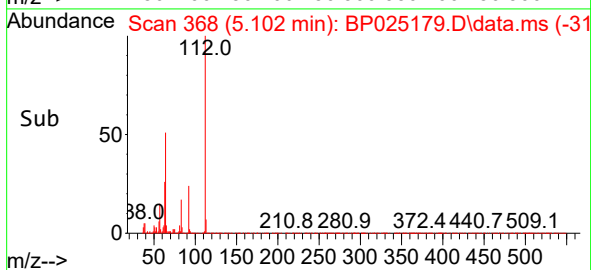
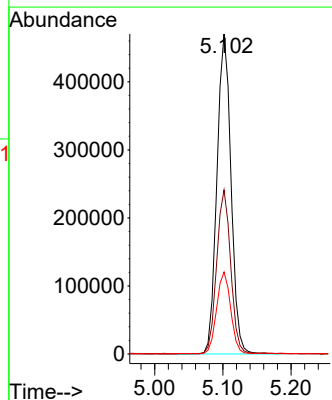
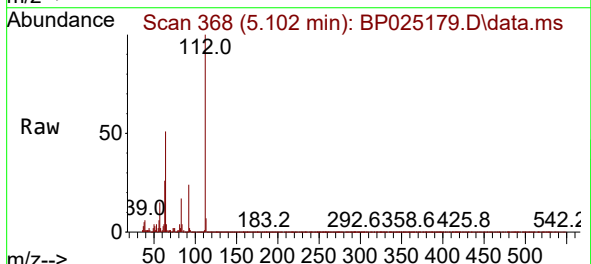
Instrument :
 BNA_P
 ClientSampleId :
 2819

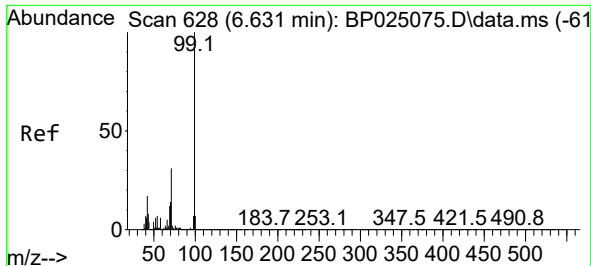
Tgt Ion:152 Resp: 670972
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.1 189.1
 115 55.7 44.3 66.5



#5
 2-Fluorophenol
 Concen: 17.864 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BP025179.D
 Acq: 17 Jul 2025 15:39

Tgt Ion:112 Resp: 676470
 Ion Ratio Lower Upper
 112 100
 64 51.3 42.0 63.0
 63 25.6 22.2 33.2

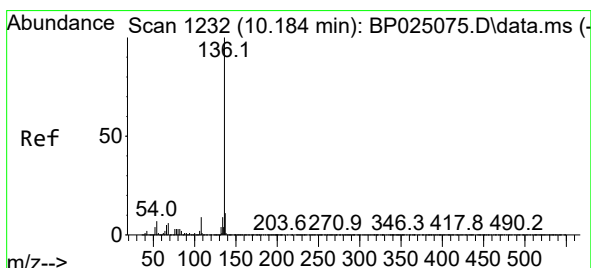
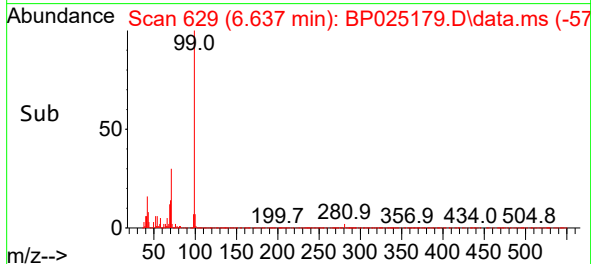
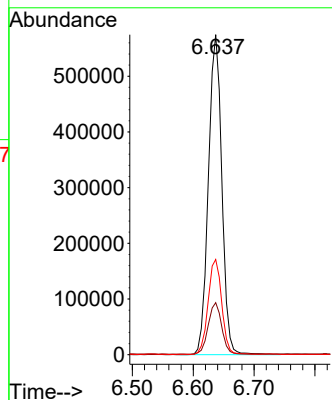
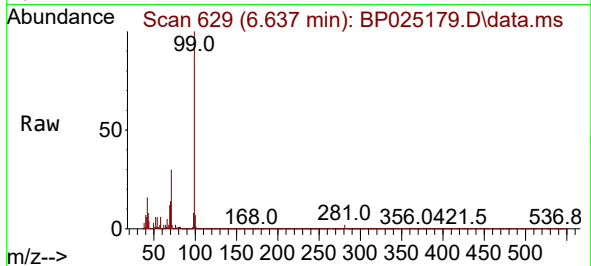




#7
Phenol-d6
Concen: 17.798 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025179.D
Acq: 17 Jul 2025 15:39

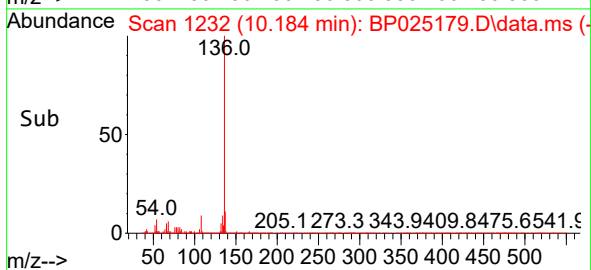
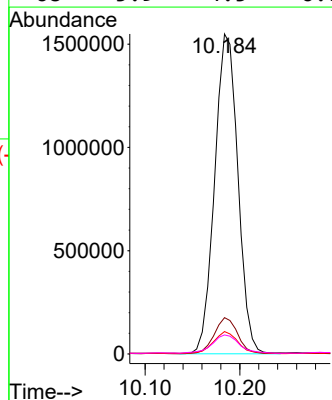
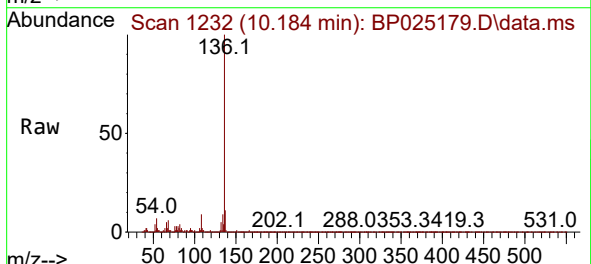
Instrument :
BNA_P
ClientSampleId :
2819

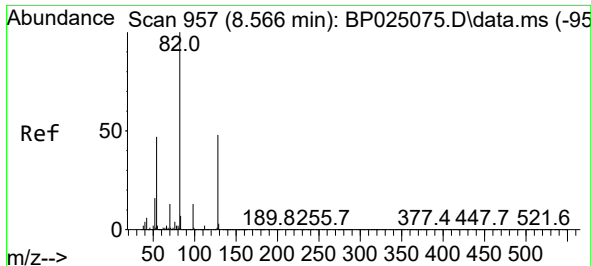
Tgt Ion: 99 Resp: 879545
Ion Ratio Lower Upper
99 100
42 16.3 13.6 20.4
71 29.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025179.D
Acq: 17 Jul 2025 15:39

Tgt Ion: 136 Resp: 2645366
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.0 5.4 8.2
68 5.9 4.5 6.7

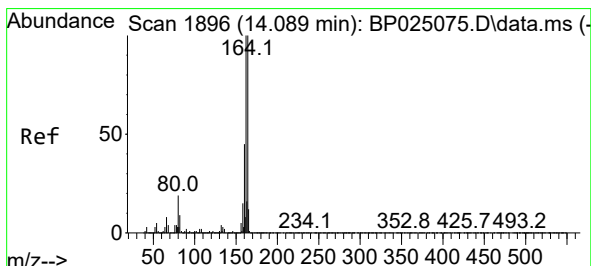
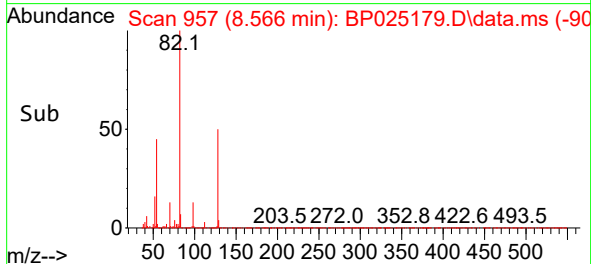
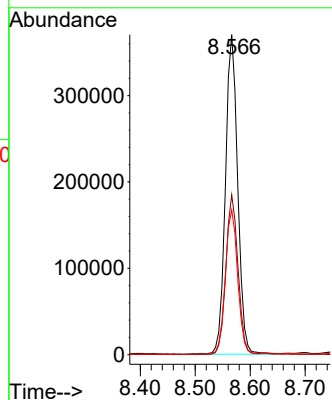
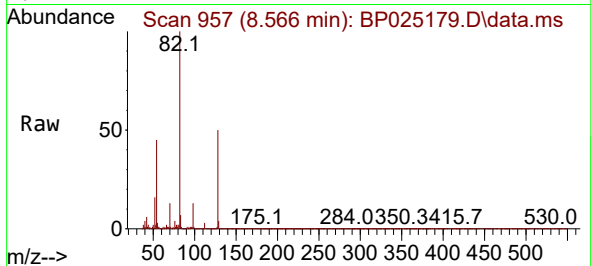




#23
Nitrobenzene-d5
Concen: 14.439 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025179.D
Acq: 17 Jul 2025 15:39

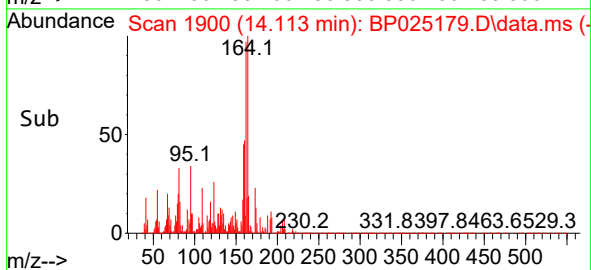
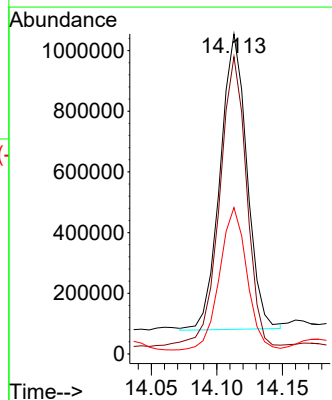
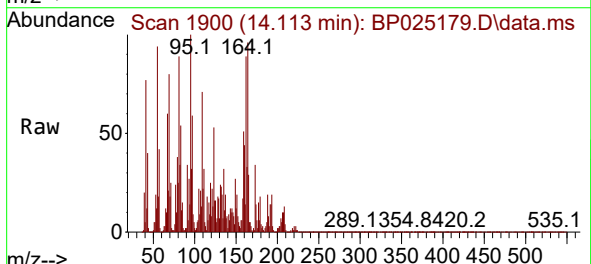
Instrument :
BNA_P
ClientSampleId :
2819

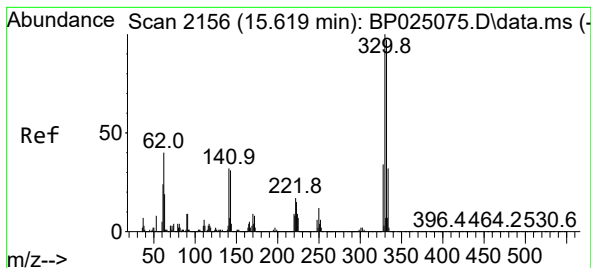
Tgt Ion: 82 Resp: 574335
Ion Ratio Lower Upper
82 100
128 50.0 38.4 57.6
54 45.2 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.113 min Scan# 1900
Delta R.T. 0.024 min
Lab File: BP025179.D
Acq: 17 Jul 2025 15:39

Tgt Ion:164 Resp: 1382915
Ion Ratio Lower Upper
164 100
162 92.9 80.3 120.5
160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 24.466 ng

RT: 15.642 min Scan# 2156

Delta R.T. 0.024 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Instrument :

BNA_P

ClientSampleId :

2819

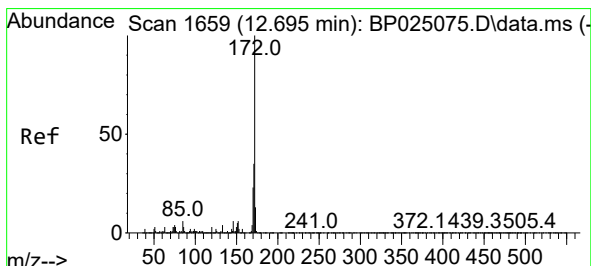
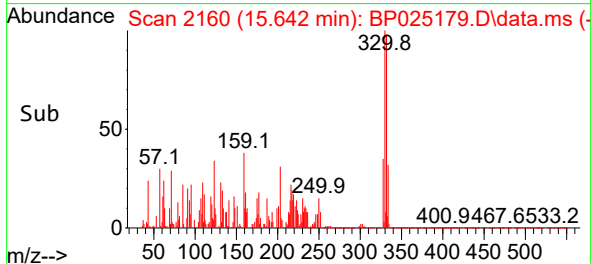
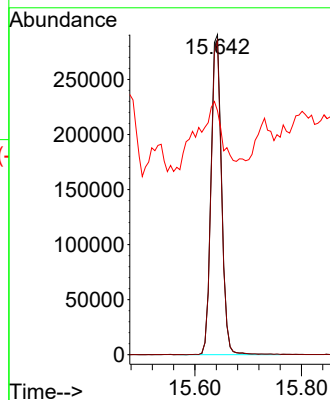
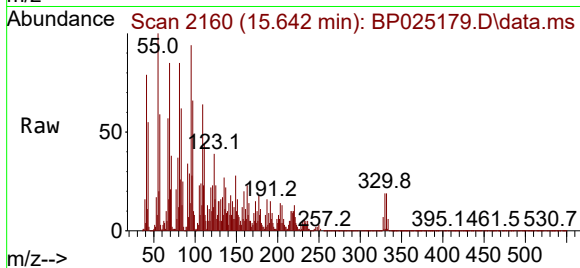
Tgt Ion:330 Resp: 399696

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 52.8 26.0 39.0#



#45

2-Fluorobiphenyl

Concen: 16.182 ng

RT: 12.695 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

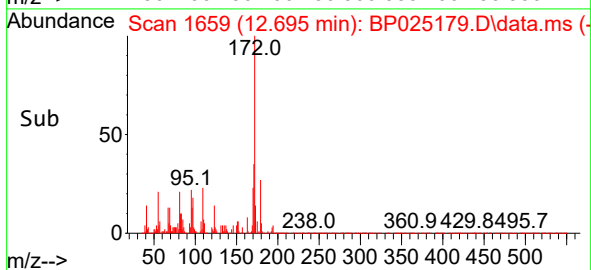
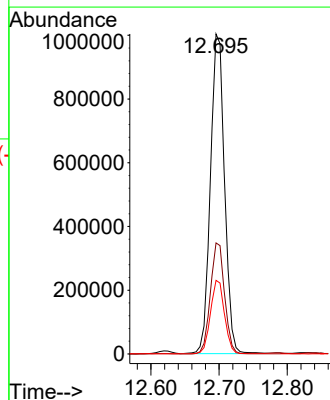
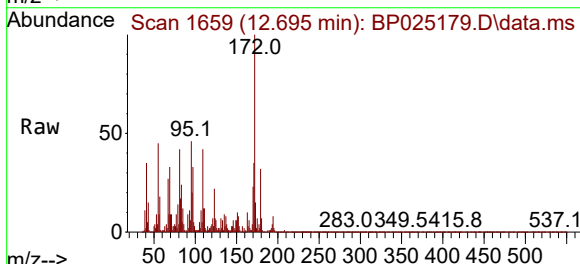
Tgt Ion:172 Resp: 1444563

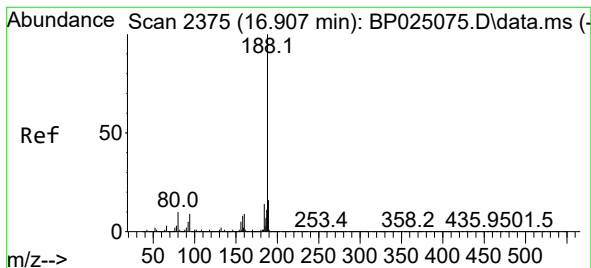
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.960 min Scan# 21

Delta R.T. 0.053 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Instrument :

BNA_P

ClientSampleId :

2819

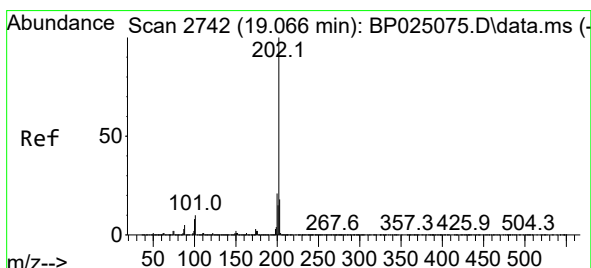
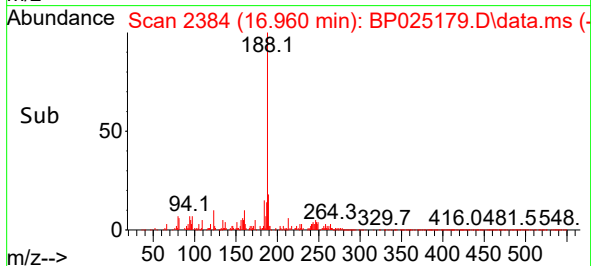
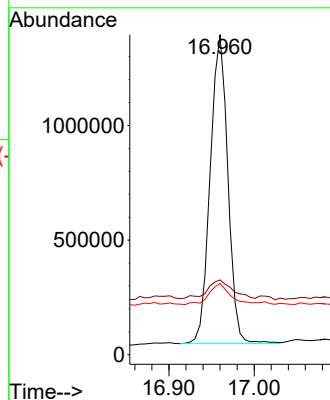
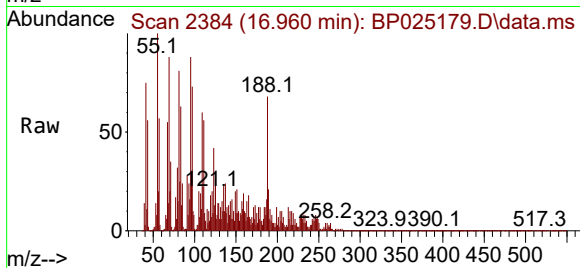
Tgt Ion:188 Resp: 1946085

Ion Ratio Lower Upper

188 100

94 23.3 7.3 10.9#

80 22.3 7.8 11.6#



#75

Fluoranthene

Concen: 11.312 ng

RT: 19.101 min Scan# 2748

Delta R.T. 0.035 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

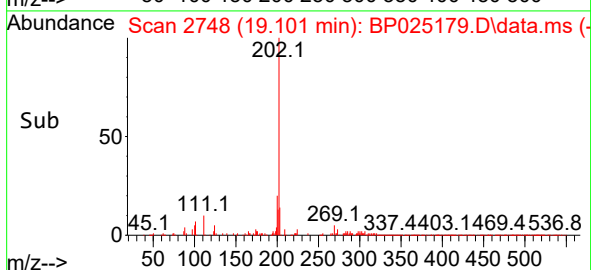
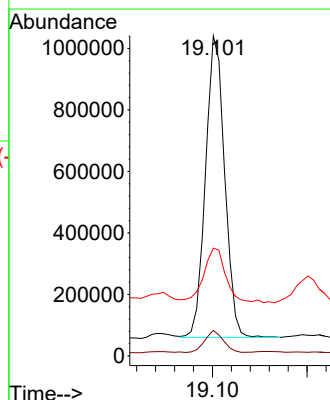
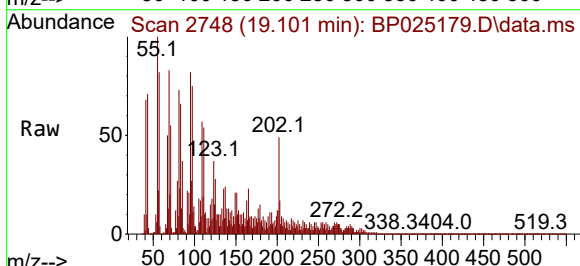
Tgt Ion:202 Resp: 1374961

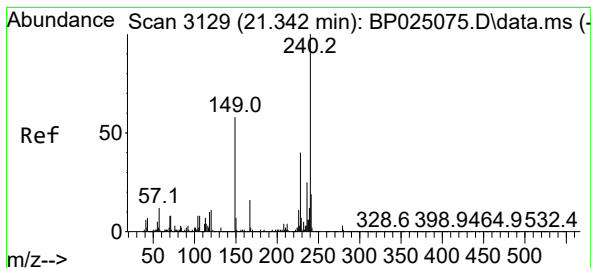
Ion Ratio Lower Upper

202 100

101 8.0 0.0 30.4

203 33.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.377 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Instrument :

BNA_P

ClientSampleId :

2819

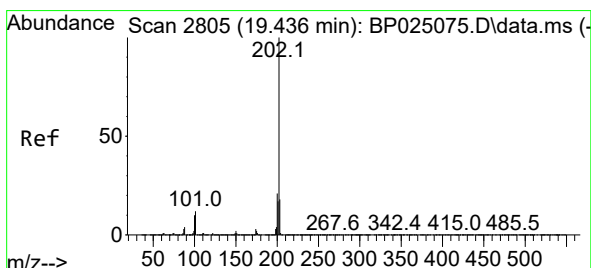
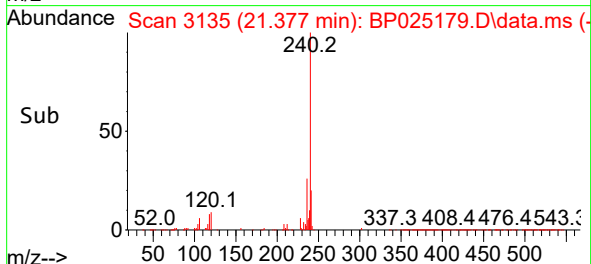
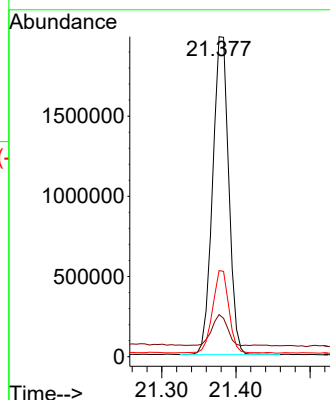
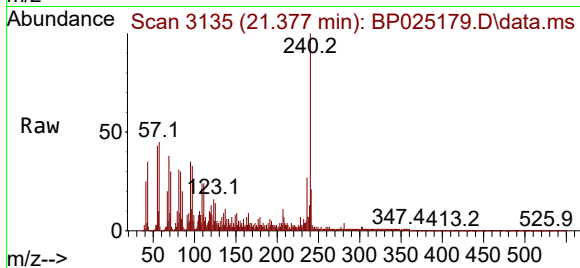
Tgt Ion:240 Resp: 2997894

Ion Ratio Lower Upper

240 100

120 13.2 9.0 13.4

236 26.9 20.3 30.5



#78

Pyrene

Concen: 7.146 ng

RT: 19.477 min Scan# 2812

Delta R.T. 0.041 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

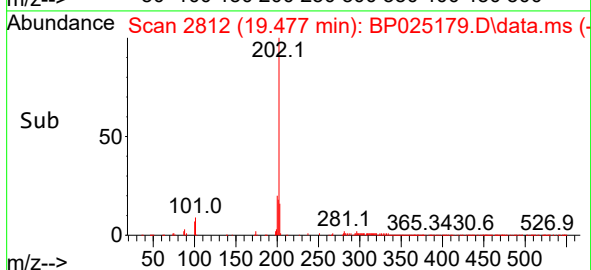
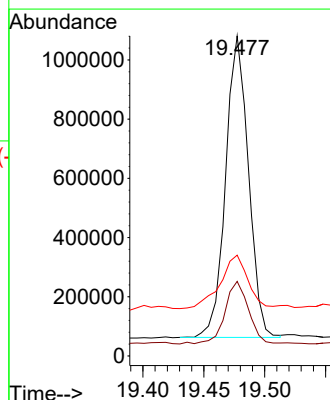
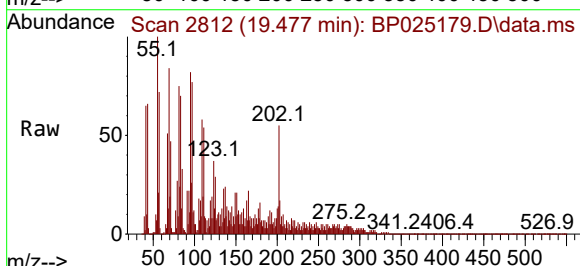
Tgt Ion:202 Resp: 1326901

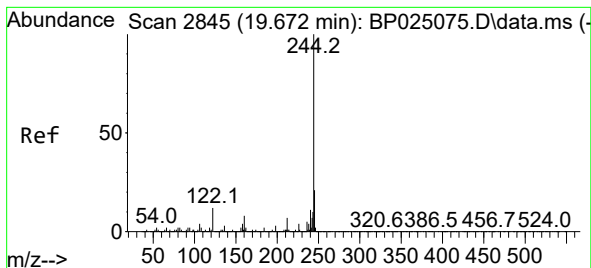
Ion Ratio Lower Upper

202 100

200 23.3 17.1 25.7

203 31.5 14.1 21.1#





#79

Terphenyl-d14

Concen: 12.574 ng

RT: 19.713 min Scan# 2845

Delta R.T. 0.041 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Instrument :

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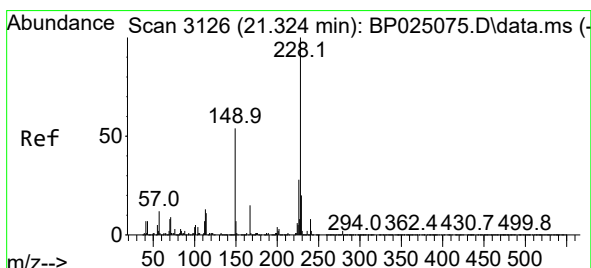
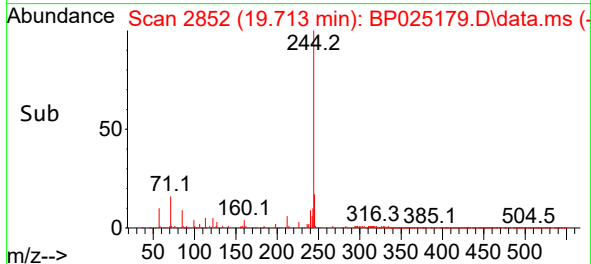
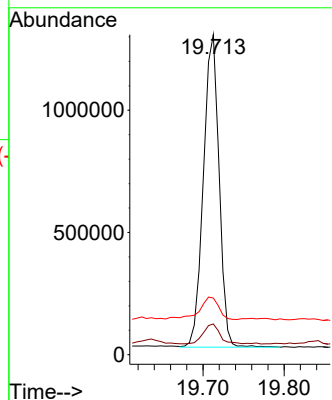
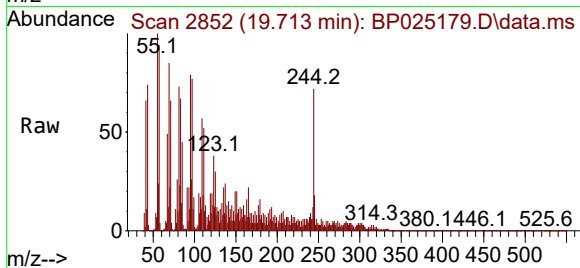
Tgt Ion:244 Resp: 1715162

Ion Ratio Lower Upper

244 100

212 9.6 5.9 8.9#

122 17.7 9.4 14.2#



#81

Benzo(a)anthracene

Concen: 3.094 ng

RT: 21.360 min Scan# 3132

Delta R.T. 0.035 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

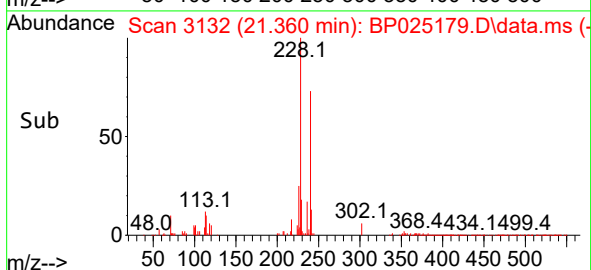
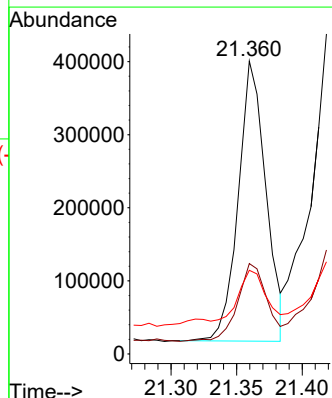
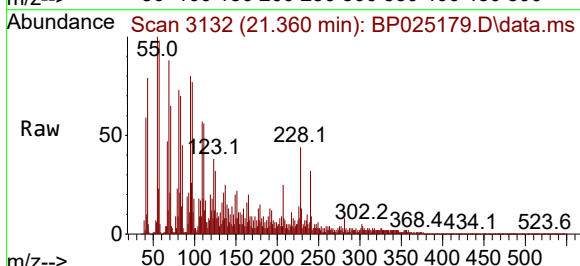
Tgt Ion:228 Resp: 562106

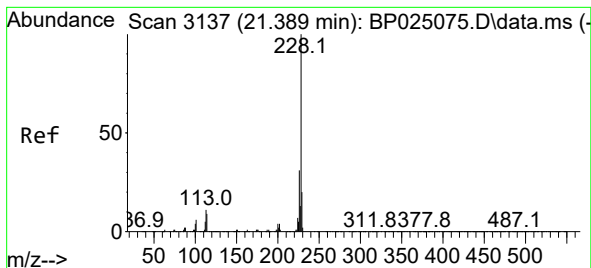
Ion Ratio Lower Upper

228 100

226 30.9 22.1 33.1

229 28.6 16.0 24.0#





#83

Chrysene

Concen: 4.474 ng

RT: 21.424 min Scan# 3143

Delta R.T. 0.035 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Instrument :

BNA_P

ClientSampleId :

2819

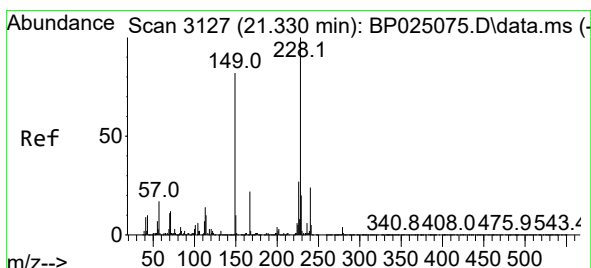
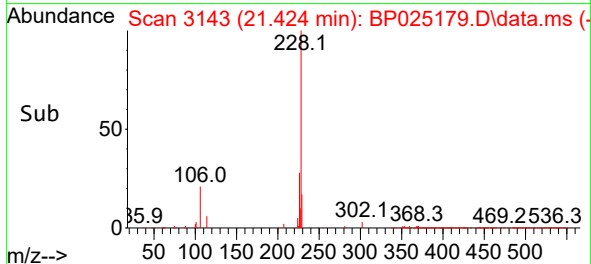
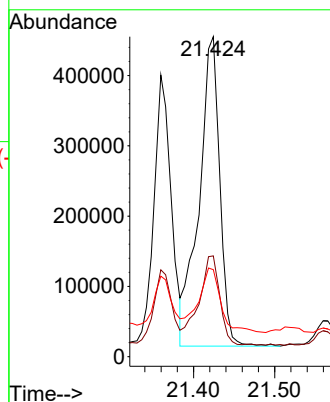
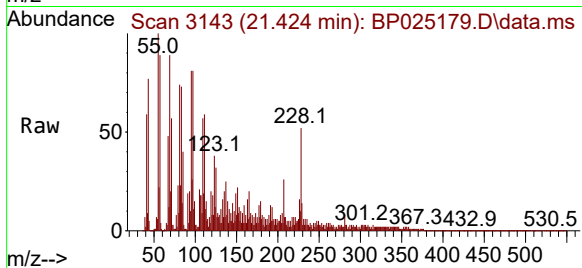
Tgt Ion:228 Resp: 782139

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 27.2 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.360 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

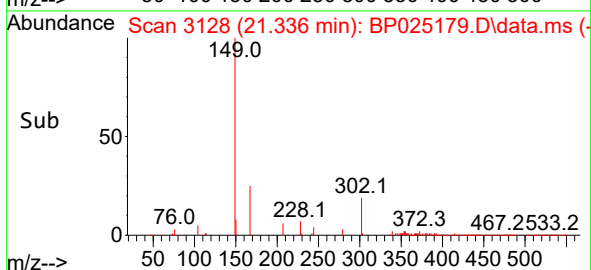
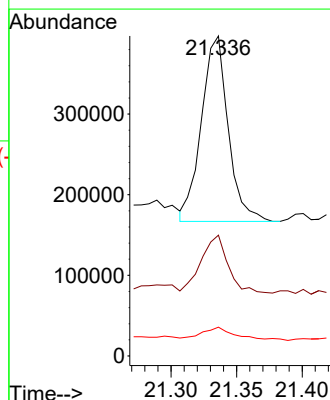
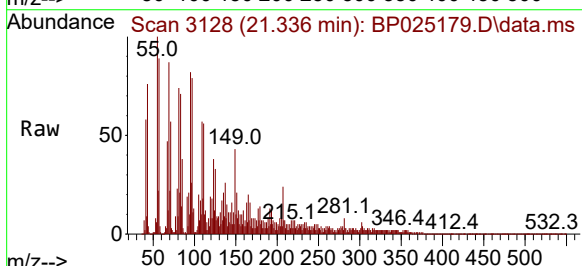
Tgt Ion:149 Resp: 327400

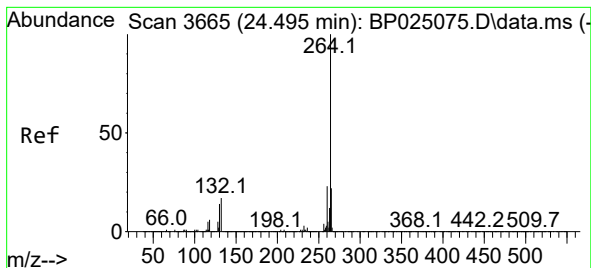
Ion Ratio Lower Upper

149 100

167 37.7 21.9 32.9#

279 9.0 3.5 5.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.512 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Instrument :

BNA_P

ClientSampleId :

2819

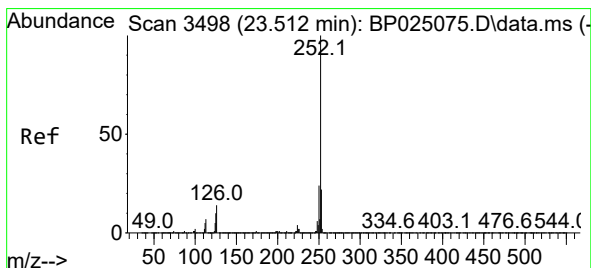
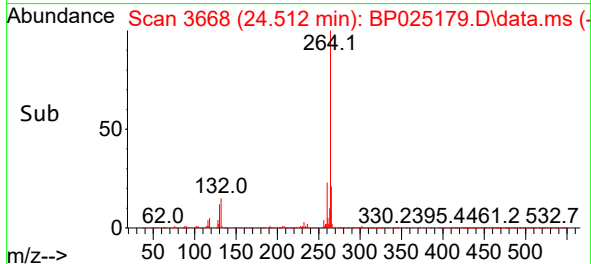
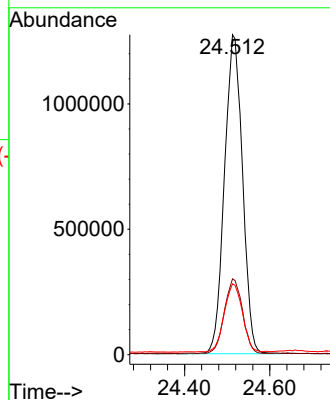
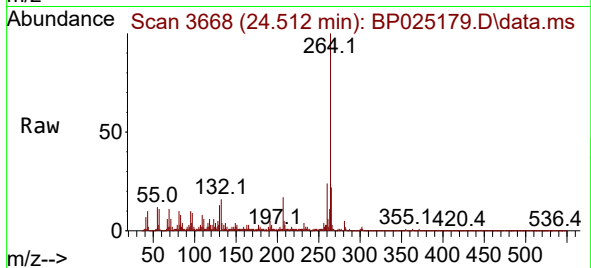
Tgt Ion:264 Resp: 3729285

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.2 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 4.639 ng

RT: 23.524 min Scan# 3500

Delta R.T. 0.012 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

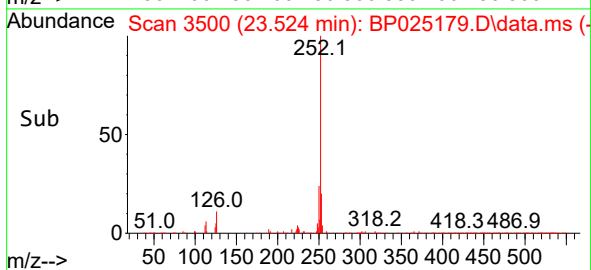
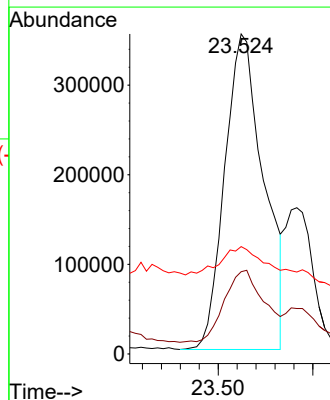
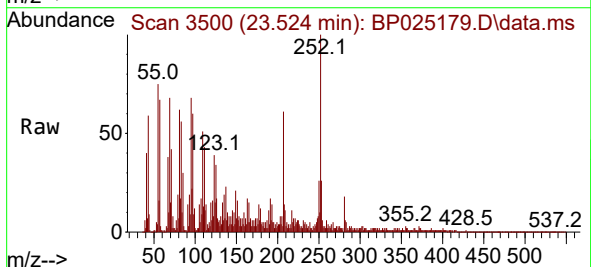
Tgt Ion:252 Resp: 1006986

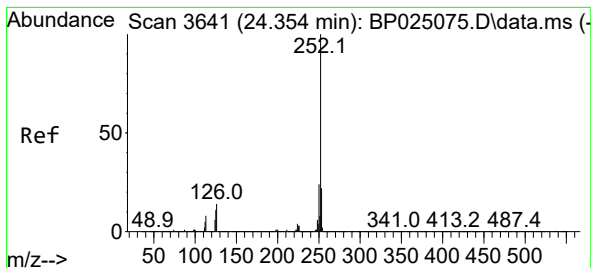
Ion Ratio Lower Upper

252 100

253 25.7 17.7 26.5

125 33.6 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 2.836 ng

RT: 24.360 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Instrument :

BNA_P

ClientSampleId :

2819

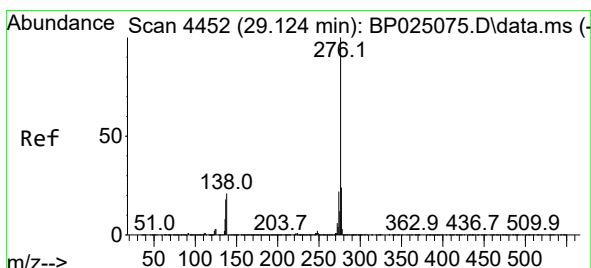
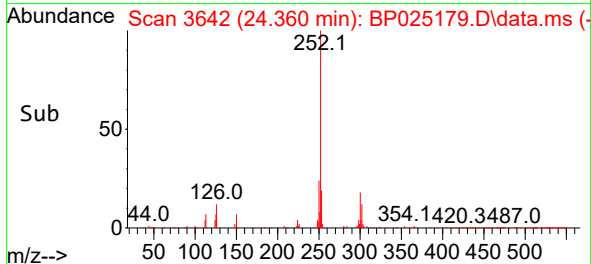
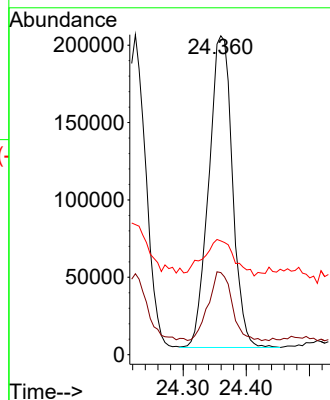
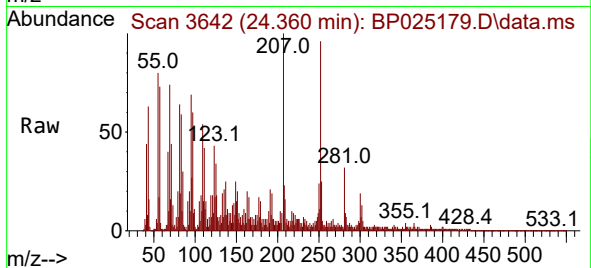
Tgt Ion:252 Resp: 523885

Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

125 35.7 9.0 13.4#



#92

Benzo(g,h,i)perylene

Concen: 2.120 ng

RT: 29.136 min Scan# 4454

Delta R.T. 0.012 min

Lab File: BP025179.D

Acq: 17 Jul 2025 15:39

Tgt Ion:276 Resp: 430122

Ion Ratio Lower Upper

276 100

277 26.0 19.3 28.9

138 23.4 16.9 25.3

