

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025150.D
 Acq On : 15 Jul 2025 18:02
 Operator : CG/JU
 Sample : Q2595-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-24849

Quant Time: Jul 16 00:58:32 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)

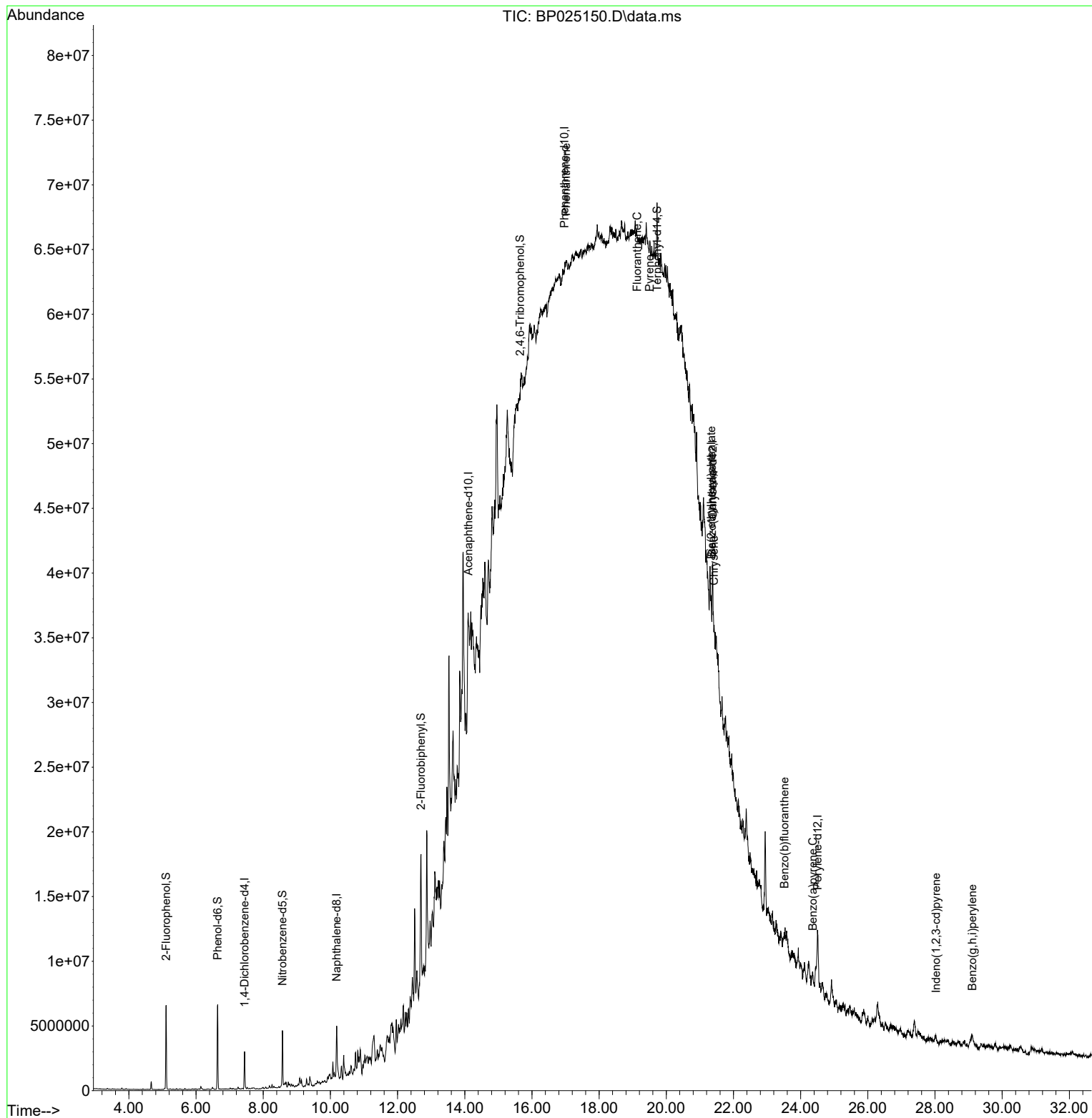
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	781004	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2992502	20.000	ng	0.00
39) Acenaphthene-d10	14.107	164	1618835	20.000	ng	0.02
64) Phenanthrene-d10	16.966	188	1613514	20.000	ng	# 0.06
76) Chrysene-d12	21.378	240	3406398	20.000	ng	0.04
86) Perylene-d12	24.507	264	4309338	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	2979276	67.590	ng	0.01
7) Phenol-d6	6.643	99	3770400	65.548	ng	0.01
23) Nitrobenzene-d5	8.572	82	2375532	52.793	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	1575169	82.367	ng	0.03
45) 2-Fluorobiphenyl	12.696	172	5264659	50.381	ng	0.00
79) Terphenyl-d14	19.725	244	5031703	32.464	ng	0.05
Target Compounds						
						Qvalue
71) Phenanthrene	17.013	178	1367188	15.858	ng	# 29
75) Fluoranthene	19.131	202	726851	7.212	ng	# 24
78) Pyrene	19.501	202	837027	3.967	ng	# 54
81) Benzo(a)anthracene	21.360	228	613359	2.971	ng	# 79
83) Chrysene	21.419	228	628456	3.164	ng	# 75
84) Bis(2-ethylhexyl)phtha...	21.336	149	1318248	11.905	ng	# 86
87) Indeno(1,2,3-cd)pyrene	28.036	276	581559	2.118	ng	# 92
88) Benzo(b)fluoranthene	23.519	252	1026095	4.091	ng	# 53
90) Benzo(a)pyrene	24.366	252	751450	3.520	ng	# 74
92) Benzo(g,h,i)perylene	29.112	276	690302	2.945	ng	# 92

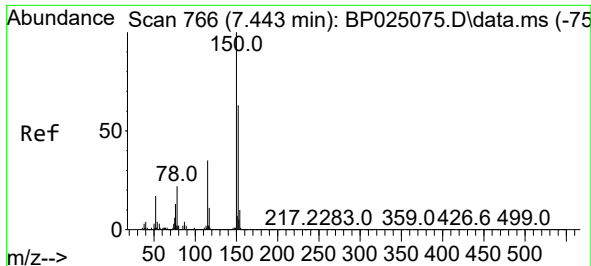
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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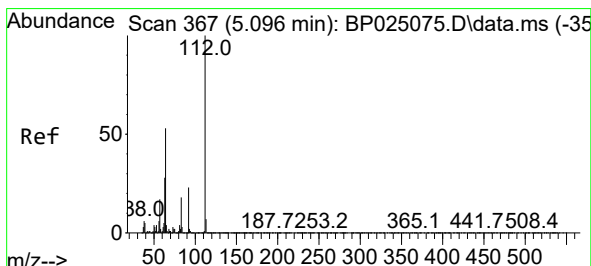
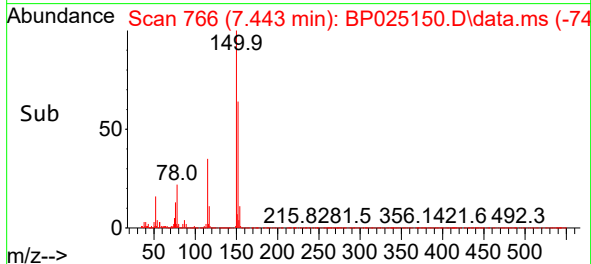
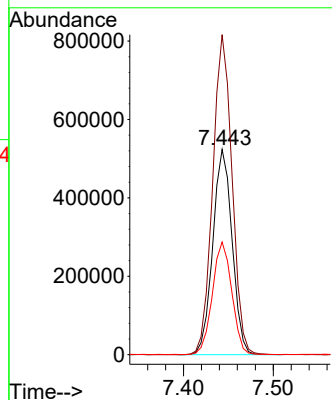
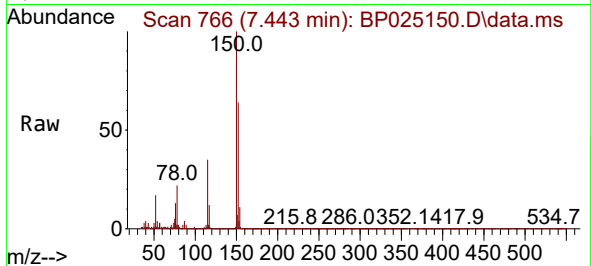




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

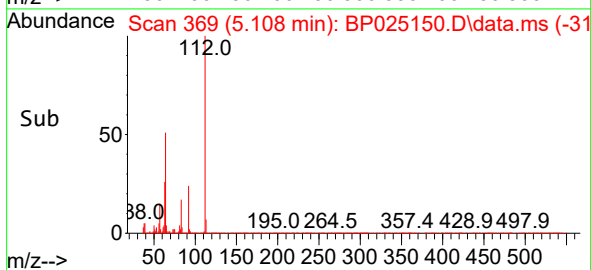
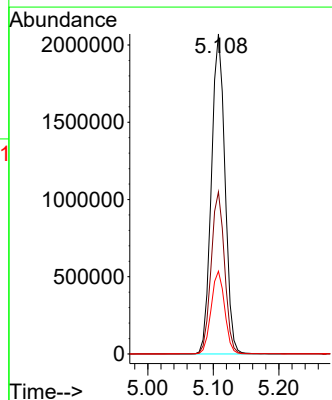
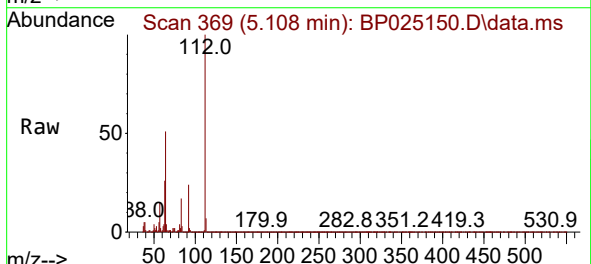
Instrument :
BNA_P
ClientSampleId :
CHRT-24849

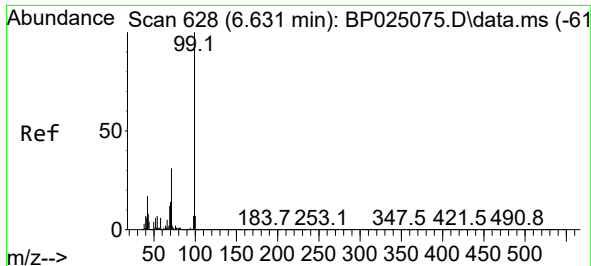
Tgt Ion:152 Resp: 781004
Ion Ratio Lower Upper
152 100
150 155.9 126.1 189.1
115 54.9 44.3 66.5



#5
2-Fluorophenol
Concen: 67.590 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

Tgt Ion:112 Resp: 2979276
Ion Ratio Lower Upper
112 100
64 50.6 42.0 63.0
63 25.8 22.2 33.2

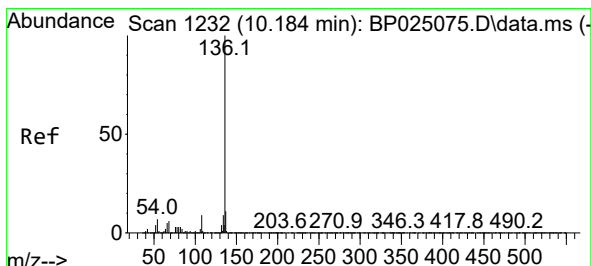
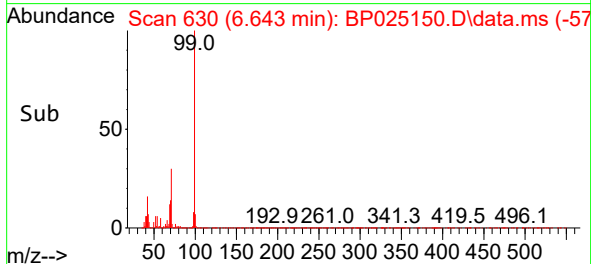
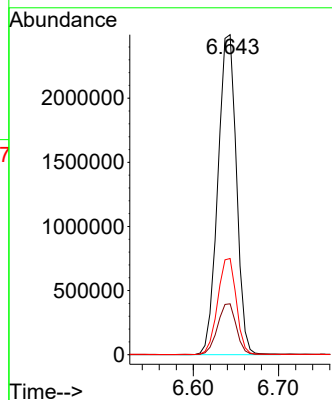
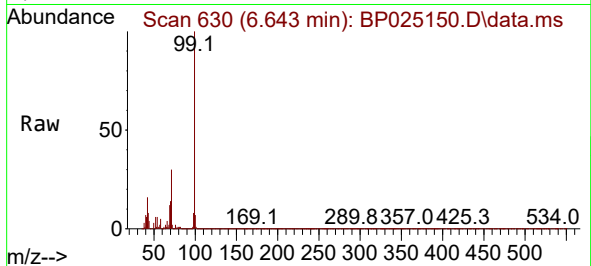




#7
Phenol-d6
Concen: 65.548 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

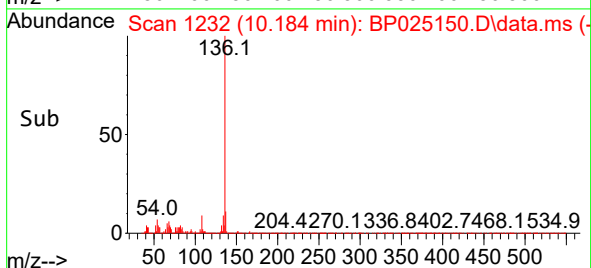
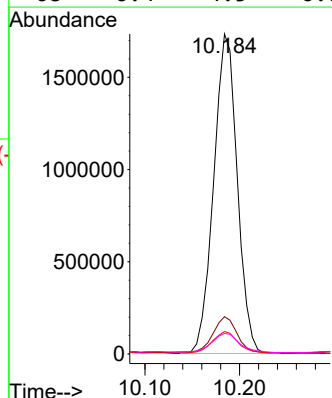
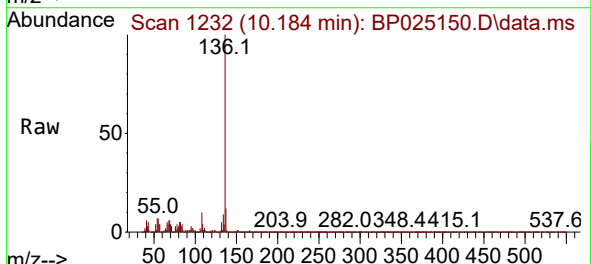
Instrument :
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ClientSampleId :
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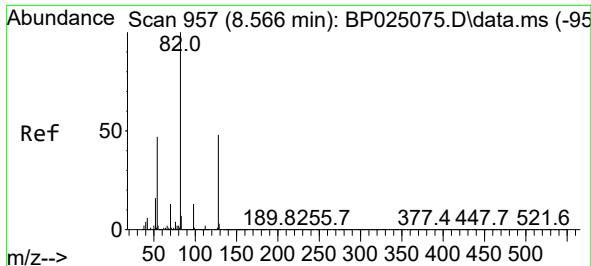
Tgt Ion: 99 Resp: 3770400
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 30.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

Tgt Ion: 136 Resp: 2992502
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 7.0 5.4 8.2
68 6.4 4.5 6.7

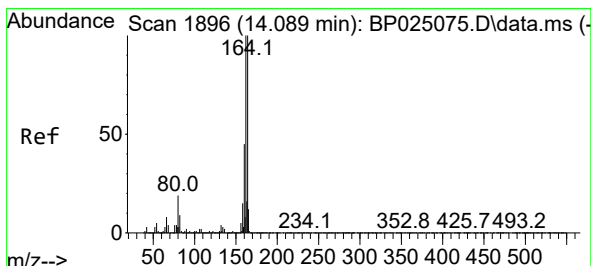
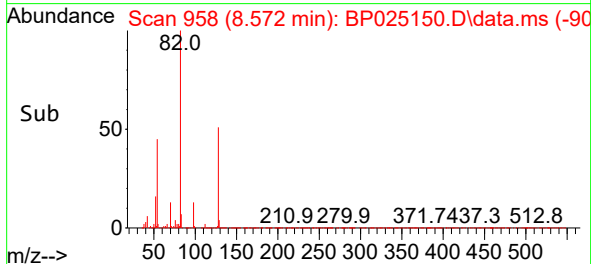
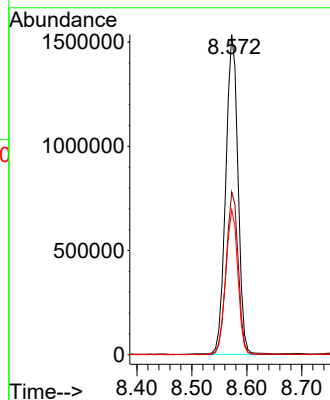
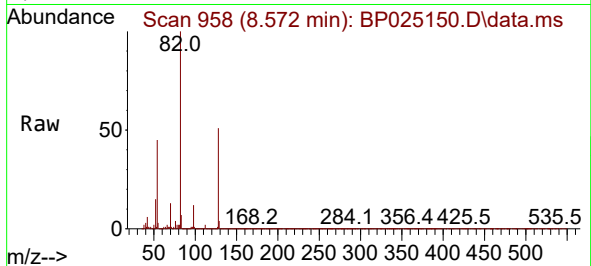




#23
Nitrobenzene-d5
Concen: 52.793 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

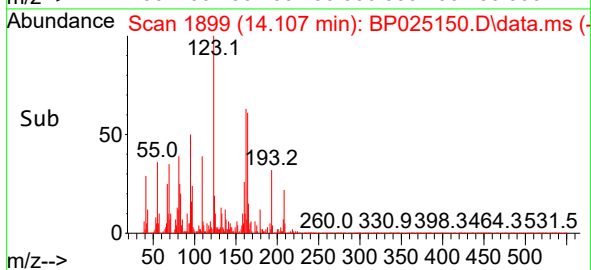
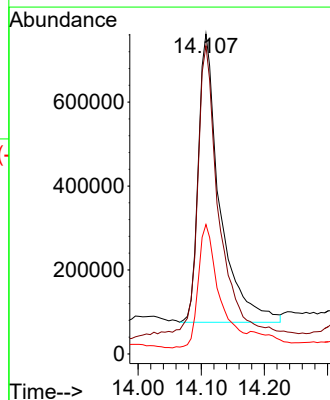
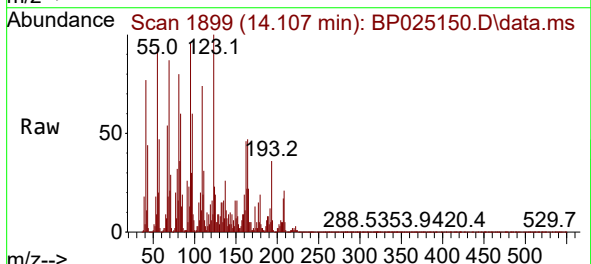
Instrument :
BNA_P
ClientSampleId :
CHRT-24849

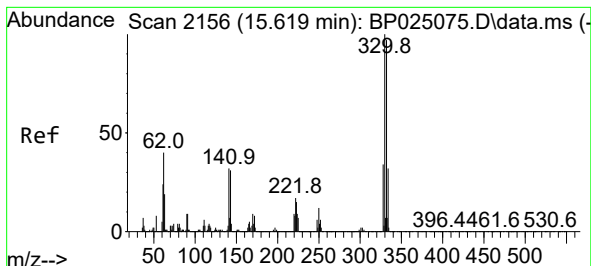
Tgt Ion: 82 Resp: 2375532
Ion Ratio Lower Upper
82 100
128 50.9 38.4 57.6
54 45.3 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.107 min Scan# 1899
Delta R.T. 0.018 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

Tgt Ion:164 Resp: 1618835
Ion Ratio Lower Upper
164 100
162 96.4 80.3 120.5
160 40.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 82.367 ng

RT: 15.648 min Scan# 2156

Delta R.T. 0.030 min

Lab File: BP025150.D

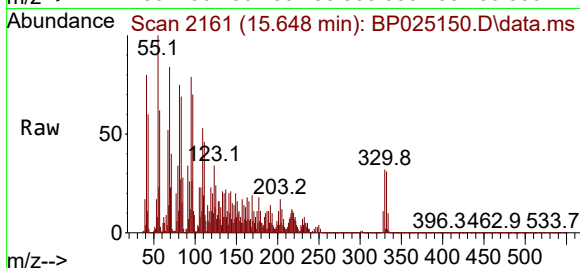
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Instrument :

BNA_P

ClientSampleId :

CHRT-24849



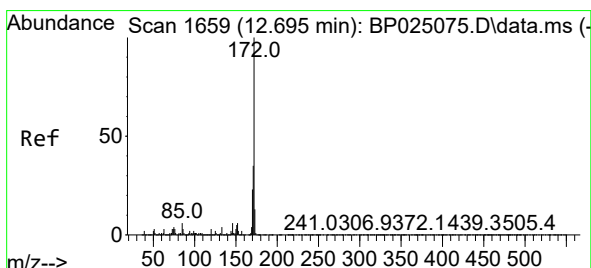
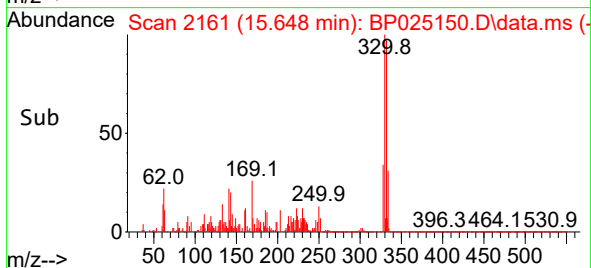
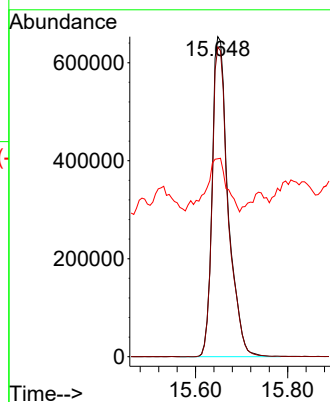
Tgt Ion:330 Resp: 1575169

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 21.4 26.0 39.0#



#45

2-Fluorobiphenyl

Concen: 50.381 ng

RT: 12.696 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

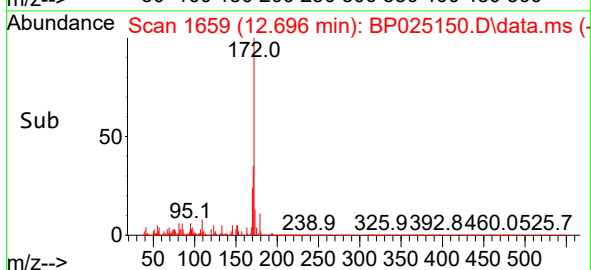
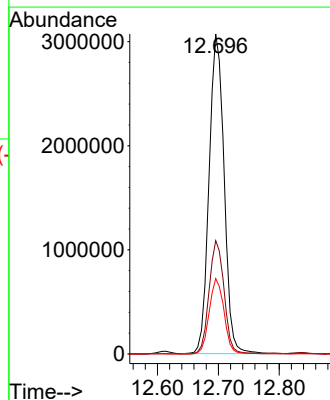
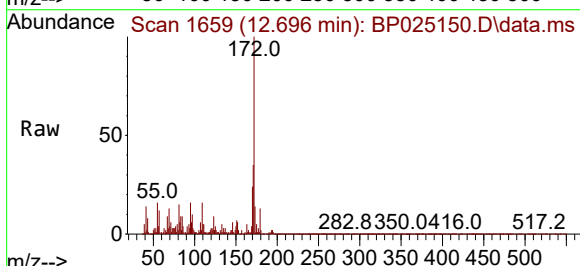
Tgt Ion:172 Resp: 5264659

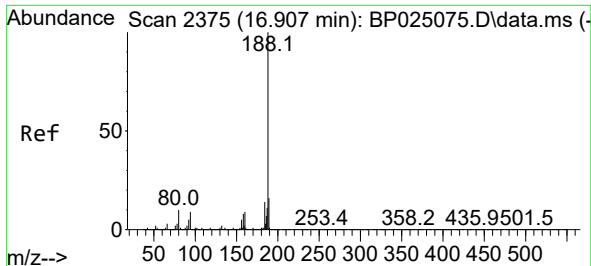
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.7 28.1

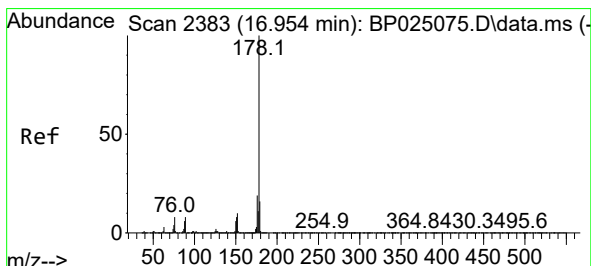
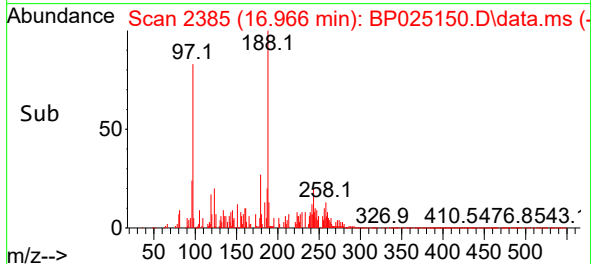
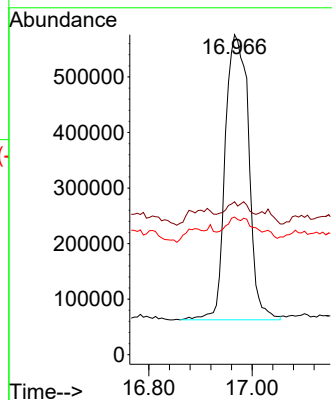
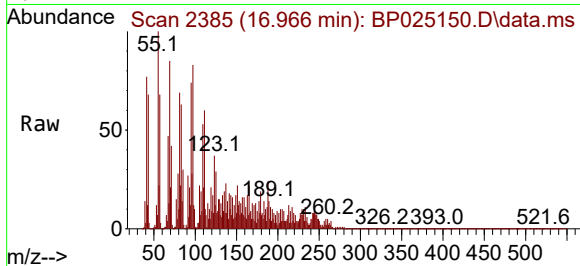




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.966 min Scan# 21
Delta R.T. 0.059 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

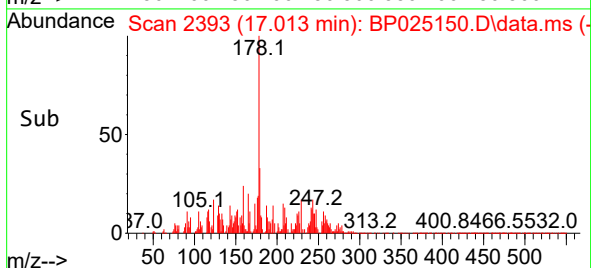
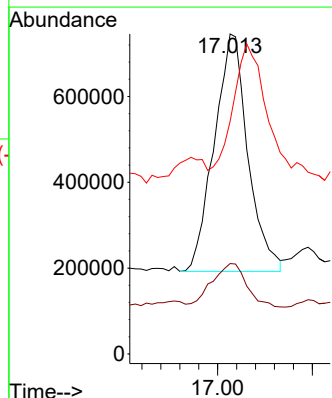
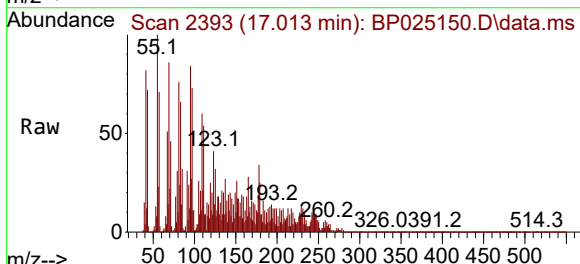
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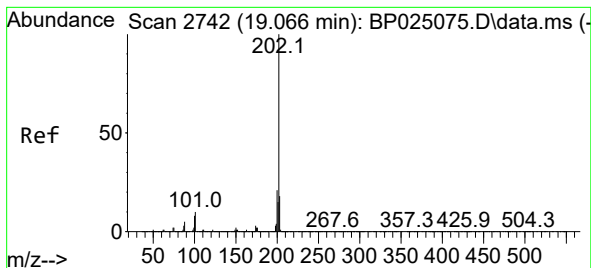
Tgt Ion:188 Resp: 1613514
Ion Ratio Lower Upper
188 100
94 47.8 7.3 10.9#
80 43.0 7.8 11.6#



#71
Phenanthrene
Concen: 15.858 ng
RT: 17.013 min Scan# 2393
Delta R.T. 0.059 min
Lab File: BP025150.D
Acq: 15 Jul 2025 18:02

Tgt Ion:178 Resp: 1367188
Ion Ratio Lower Upper
178 100
176 28.2 15.4 23.2#
179 72.7 12.6 19.0#





#75

Fluoranthene

Concen: 7.212 ng

RT: 19.131 min Scan# 21

Delta R.T. 0.065 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

Instrument :

BNA_P

ClientSampleId :

CHRT-24849

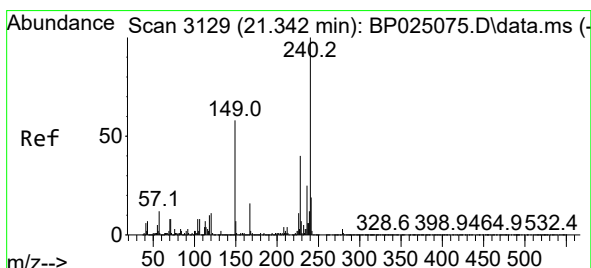
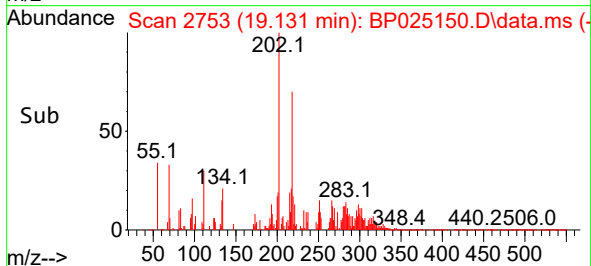
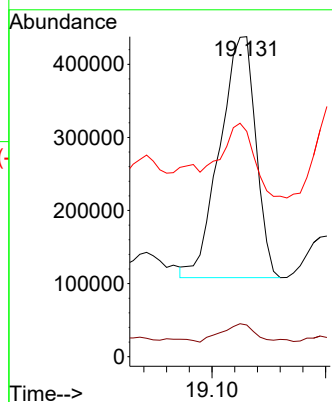
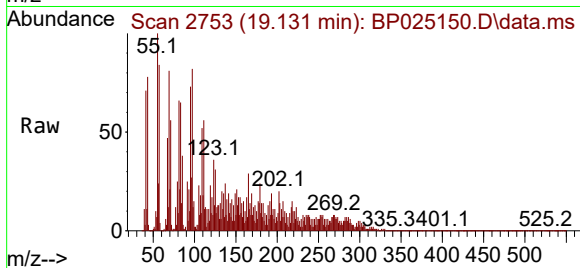
Tgt Ion:202 Resp: 726851

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.4

203 70.4 0.0 37.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.378 min Scan# 3135

Delta R.T. 0.036 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

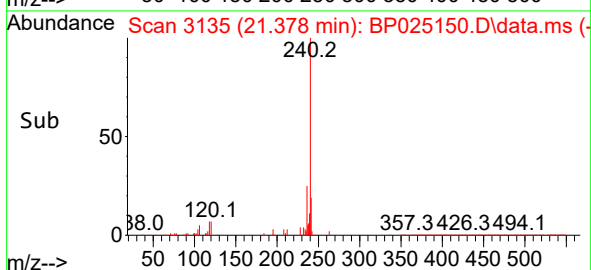
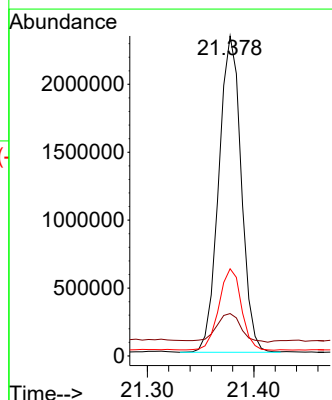
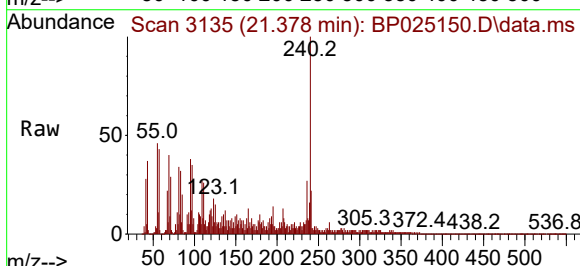
Tgt Ion:240 Resp: 3406398

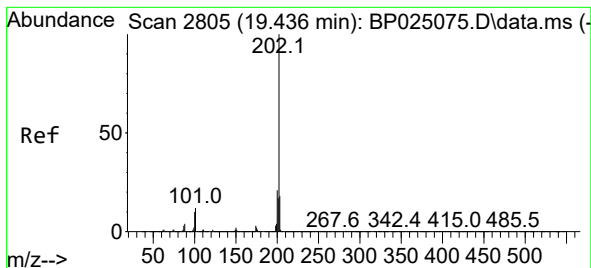
Ion Ratio Lower Upper

240 100

120 13.3 9.0 13.4

236 27.3 20.3 30.5





#78

Pyrene

Concen: 3.967 ng

RT: 19.501 min Scan# 2816

Delta R.T. 0.065 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

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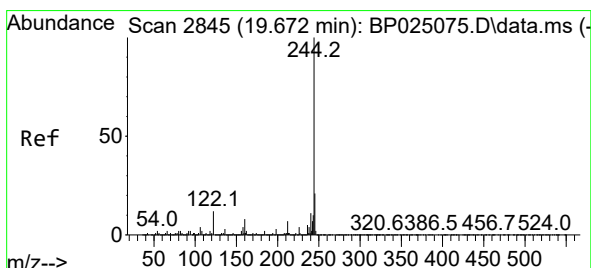
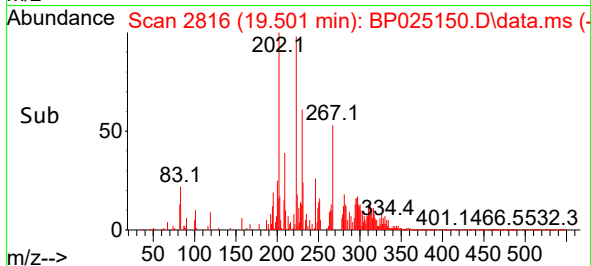
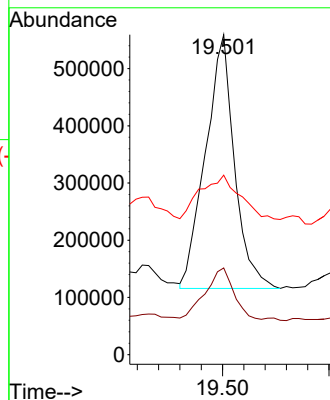
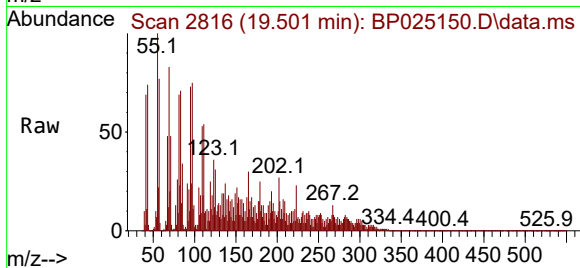
Tgt Ion:202 Resp: 837027

Ion Ratio Lower Upper

202 100

200 27.1 17.1 25.7#

203 56.1 14.1 21.1#



#79

Terphenyl-d14

Concen: 32.464 ng

RT: 19.725 min Scan# 2854

Delta R.T. 0.053 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

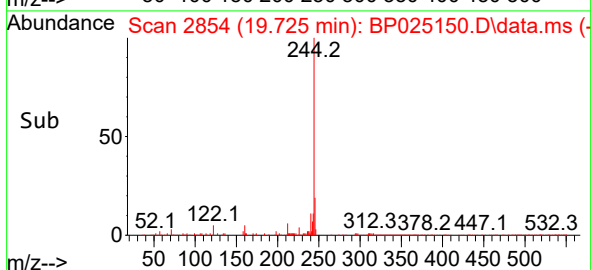
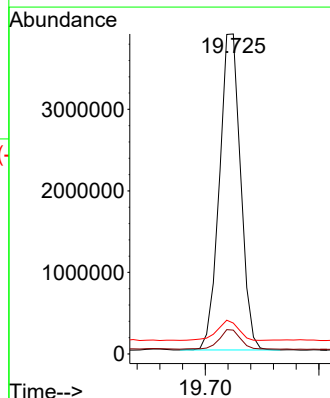
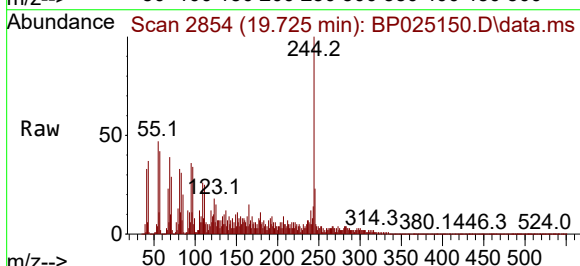
Tgt Ion:244 Resp: 5031703

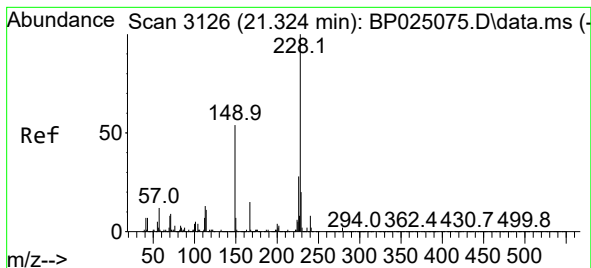
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 9.7 9.4 14.2





#81

Benzo(a)anthracene

Concen: 2.971 ng

RT: 21.360 min Scan# 3126

Delta R.T. 0.036 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

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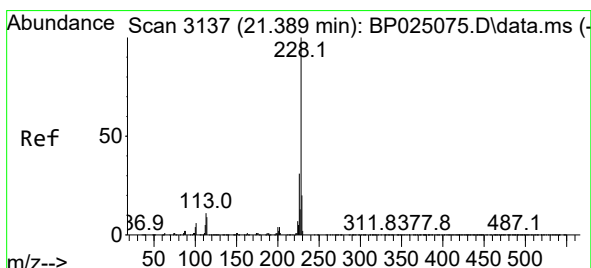
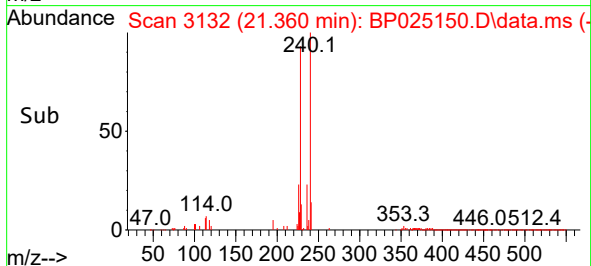
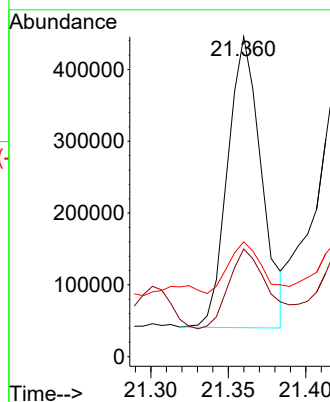
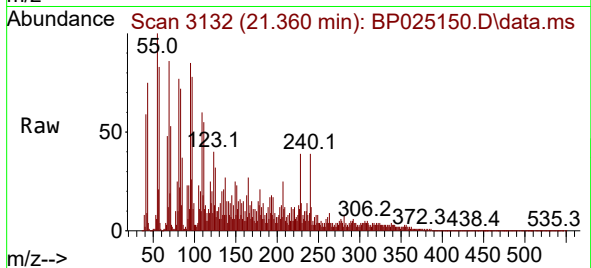
Tgt Ion:228 Resp: 613359

Ion Ratio Lower Upper

228 100

226 33.6 22.1 33.1#

229 35.9 16.0 24.0#



#83

Chrysene

Concen: 3.164 ng

RT: 21.419 min Scan# 3142

Delta R.T. 0.030 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

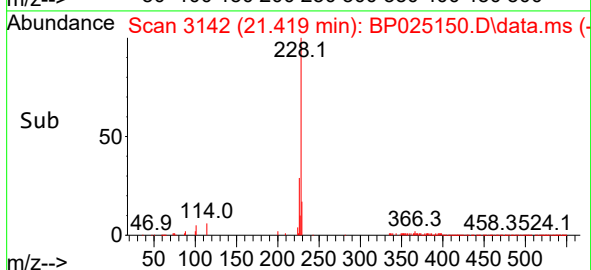
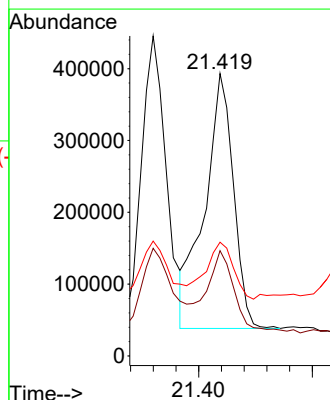
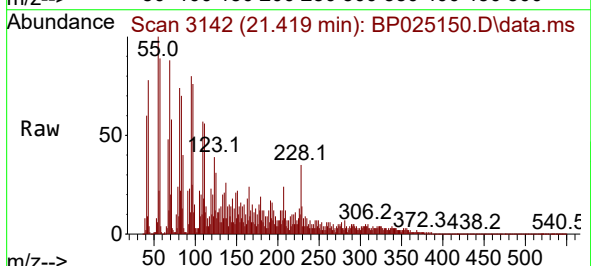
Tgt Ion:228 Resp: 628456

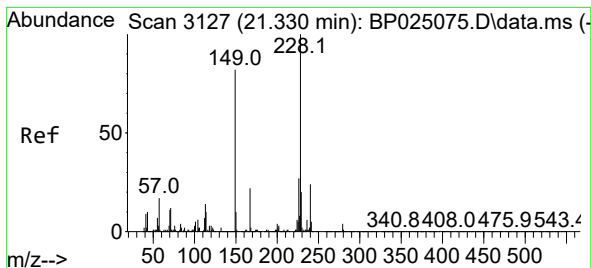
Ion Ratio Lower Upper

228 100

226 37.3 24.4 36.6#

229 40.3 16.0 24.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.905 ng

RT: 21.336 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

Instrument :

BNA_P

ClientSampleId :

CHRT-24849

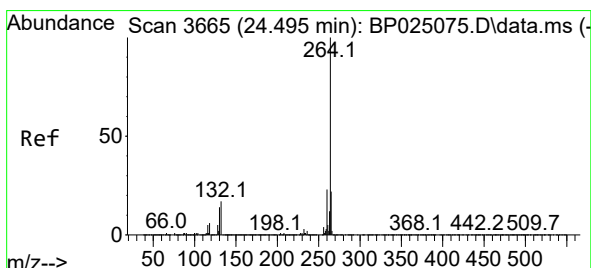
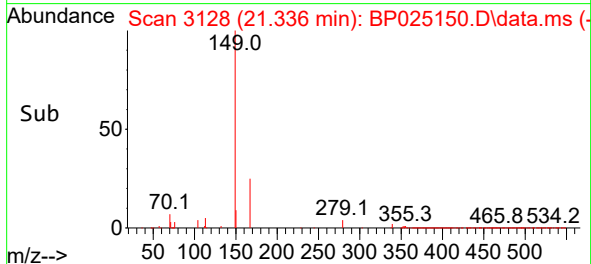
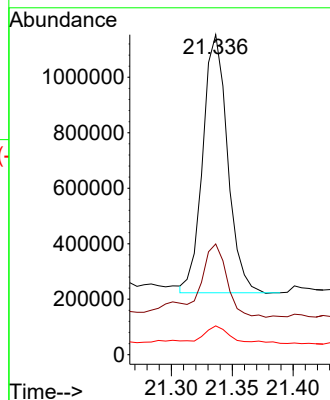
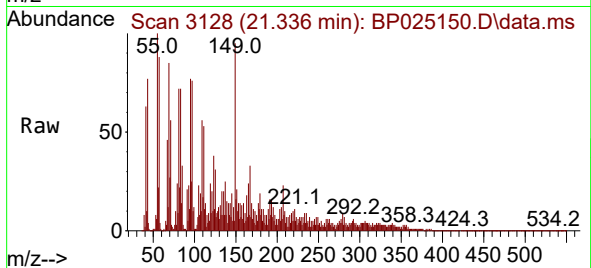
Tgt Ion:149 Resp: 1318248

Ion Ratio Lower Upper

149 100

167 34.6 21.9 32.9#

279 9.0 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.507 min Scan# 3667

Delta R.T. 0.012 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

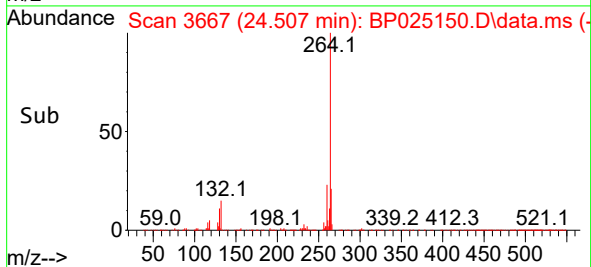
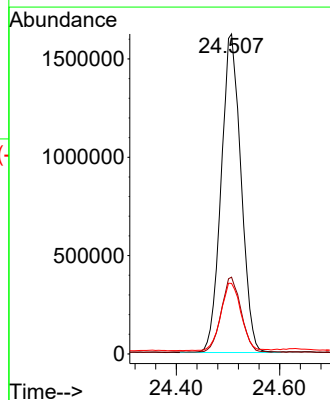
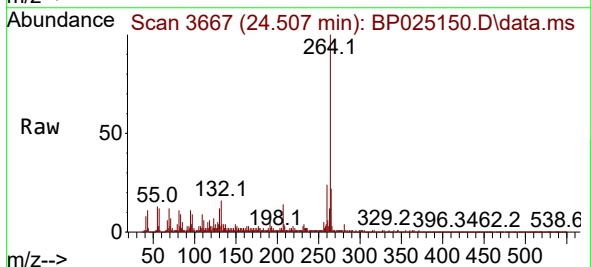
Tgt Ion:264 Resp: 4309338

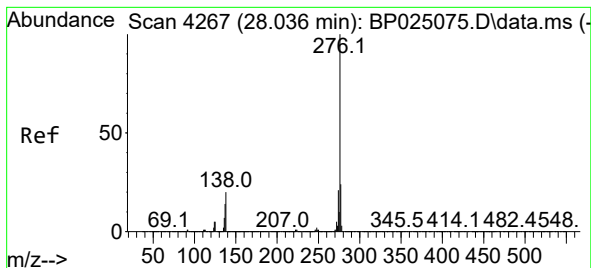
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.118 ng

RT: 28.036 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

Instrument :

BNA_P

ClientSampleId :

CHRT-24849

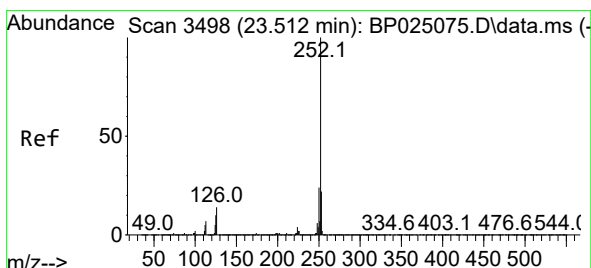
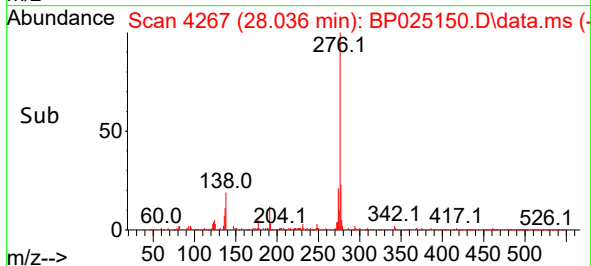
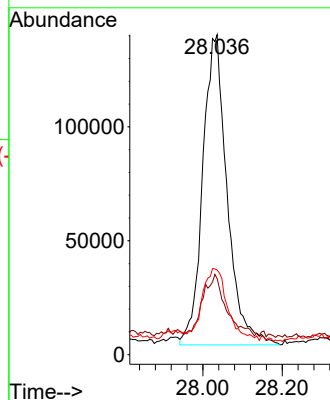
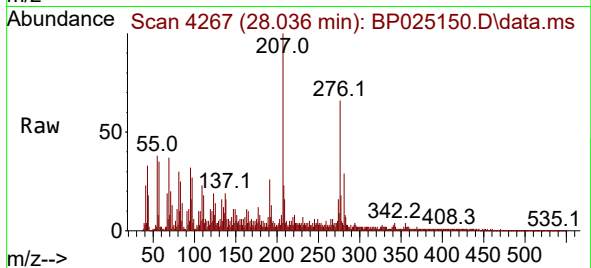
Tgt Ion:276 Resp: 581559

Ion Ratio Lower Upper

276 100

138 19.3 13.0 19.6

277 24.1 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 4.091 ng

RT: 23.519 min Scan# 3499

Delta R.T. 0.006 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

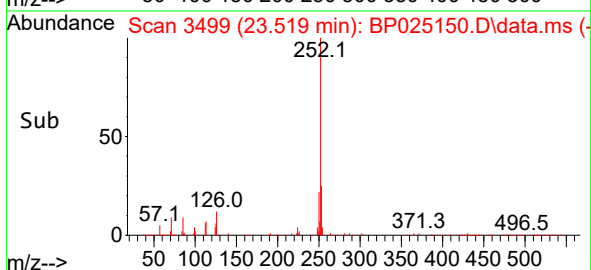
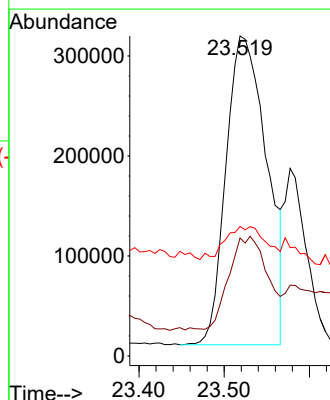
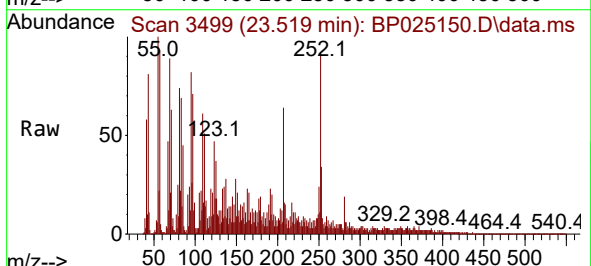
Tgt Ion:252 Resp: 1026095

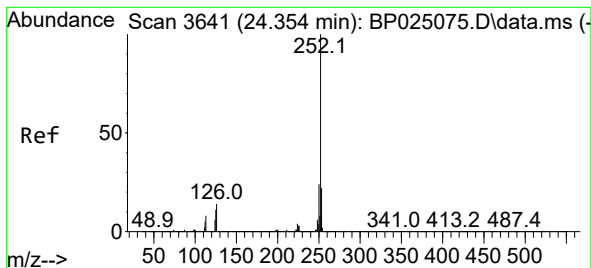
Ion Ratio Lower Upper

252 100

253 36.9 17.7 26.5#

125 40.5 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 3.520 ng

RT: 24.366 min Scan# 3643

Delta R.T. 0.012 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

Instrument :

BNA_P

ClientSampleId :

CHRT-24849

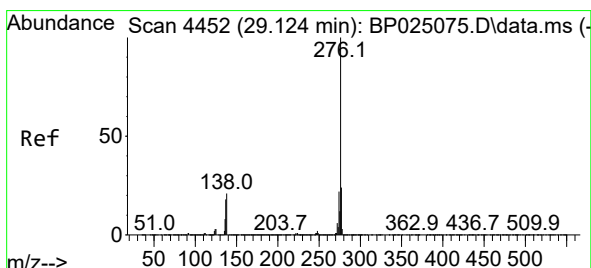
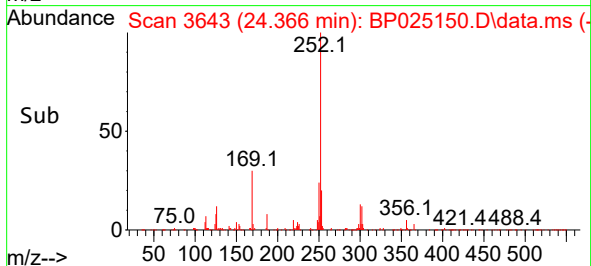
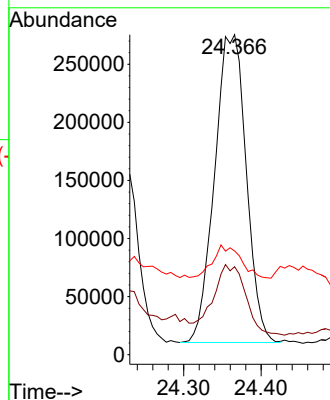
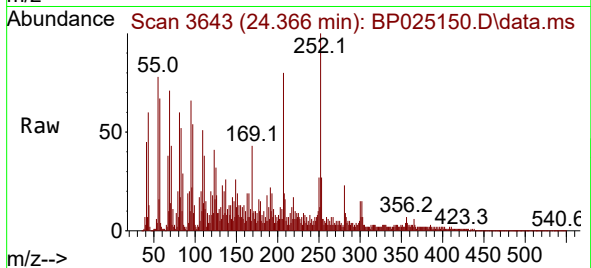
Tgt Ion:252 Resp: 751450

Ion Ratio Lower Upper

252 100

253 27.5 17.6 26.4#

125 32.4 9.0 13.4#



#92

Benzo(g,h,i)perylene

Concen: 2.945 ng

RT: 29.112 min Scan# 4450

Delta R.T. -0.012 min

Lab File: BP025150.D

Acq: 15 Jul 2025 18:02

Tgt Ion:276 Resp: 690302

Ion Ratio Lower Upper

276 100

277 26.6 19.3 28.9

138 26.5 16.9 25.3#

