

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025256.D
 Acq On : 28 Jul 2025 20:25
 Operator : CG/JU
 Sample : Q2706-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-361

Quant Time: Jul 29 01:06:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

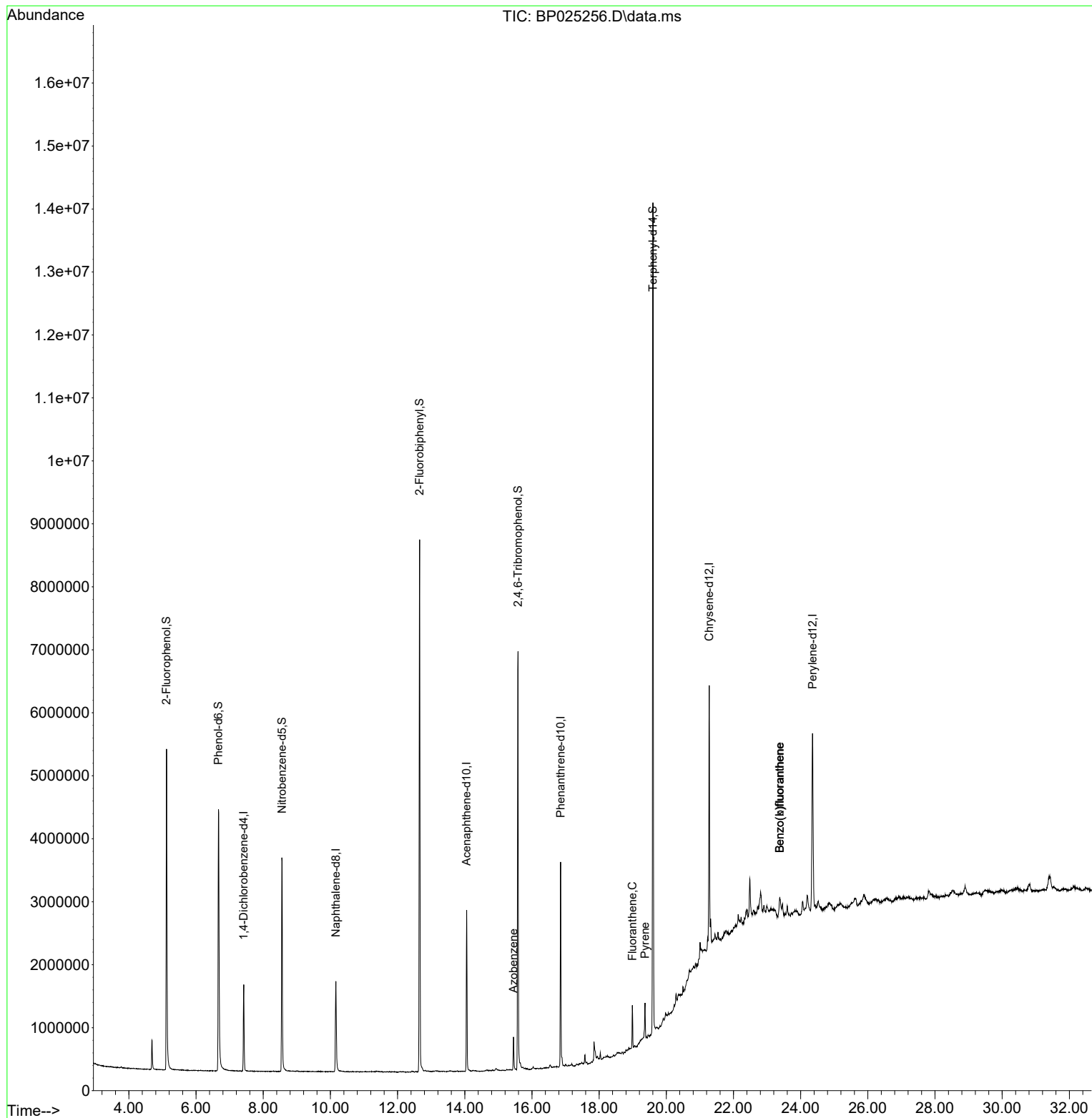
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.419	152	411410	20.000	ng	0.00
21) Naphthalene-d8	10.160	136	1519665	20.000	ng	0.01
39) Acenaphthene-d10	14.054	164	930402	20.000	ng	0.01
64) Phenanthrene-d10	16.854	188	1874867	20.000	ng	0.01
76) Chrysene-d12	21.277	240	2274514	20.000	ng	0.01
86) Perylene-d12	24.354	264	2855551	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.120	112	2683662	110.217	ng	0.02
7) Phenol-d6	6.667	99	3266136	108.304	ng	0.03
23) Nitrobenzene-d5	8.555	82	2018076	73.800	ng	0.01
42) 2,4,6-Tribromophenol	15.584	330	1353203	98.657	ng	0.01
45) 2-Fluorobiphenyl	12.654	172	4914283	74.465	ng	0.00
79) Terphenyl-d14	19.601	244	7807909	67.764	ng	-0.01
Target Compounds						
						Qvalue
63) Azobenzene	15.448	77	154967	2.900	ng	# 1
75) Fluoranthene	18.989	202	401425	3.373	ng	99
78) Pyrene	19.366	202	365924	2.609	ng	99
88) Benzo(b)fluoranthene	23.377	252	394501	2.414	ng	# 92
89) Benzo(k)fluoranthene	23.377	252	394501	2.445	ng	# 91

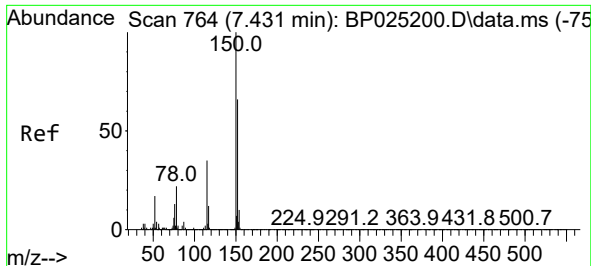
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 28 14:29:42 2025
Response via : Initial Calibration

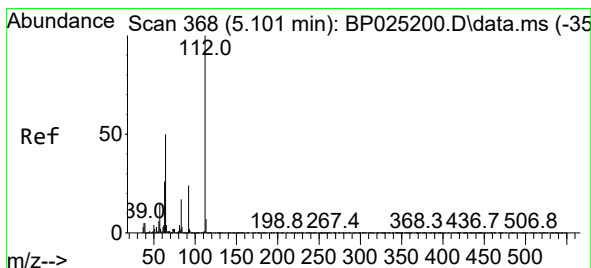
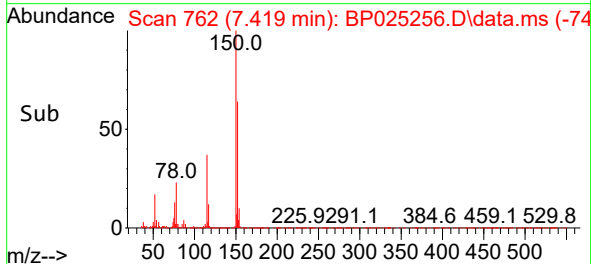
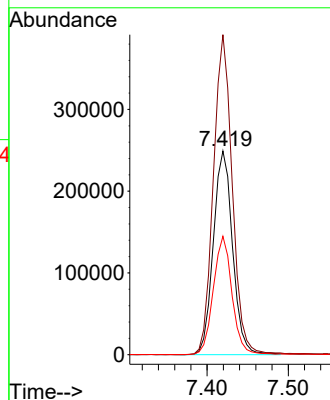
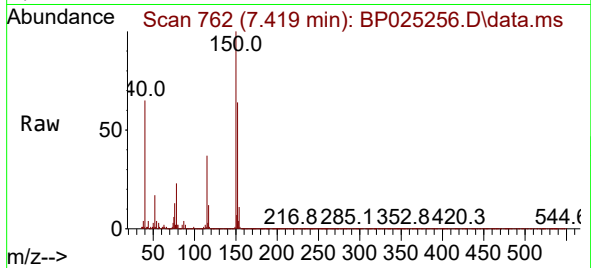




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.419 min Scan# 70
Delta R.T. 0.005 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

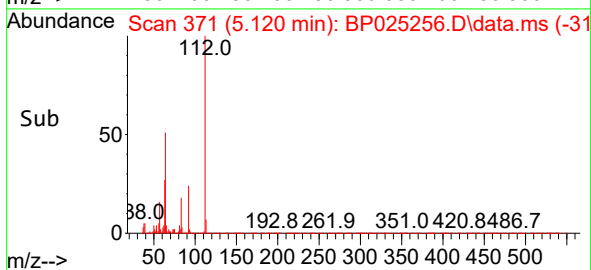
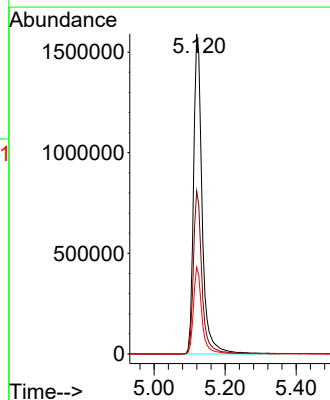
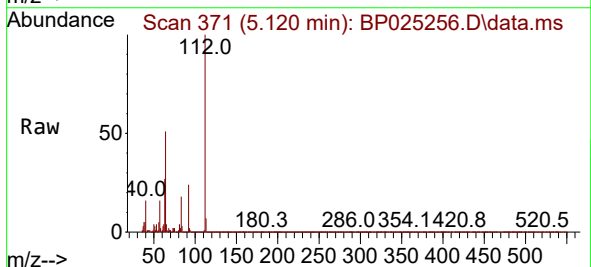
Instrument :
BNA_P
ClientSampleId :
ETGI-361

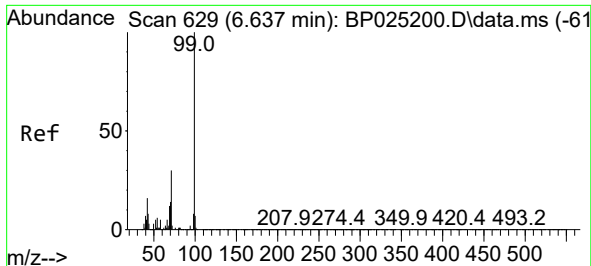
Tgt Ion:152 Resp: 411410
Ion Ratio Lower Upper
152 100
150 157.1 121.9 182.9
115 58.1 43.0 64.6



#5
2-Fluorophenol
Concen: 110.217 ng
RT: 5.120 min Scan# 371
Delta R.T. 0.023 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

Tgt Ion:112 Resp: 2683662
Ion Ratio Lower Upper
112 100
64 50.9 39.8 59.6
63 27.1 20.5 30.7

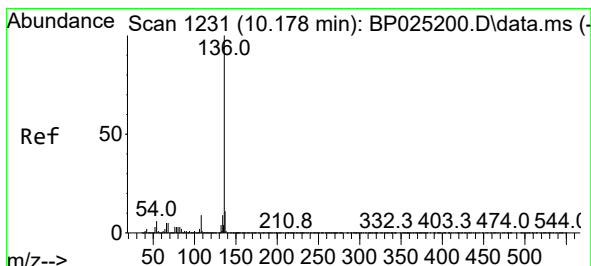
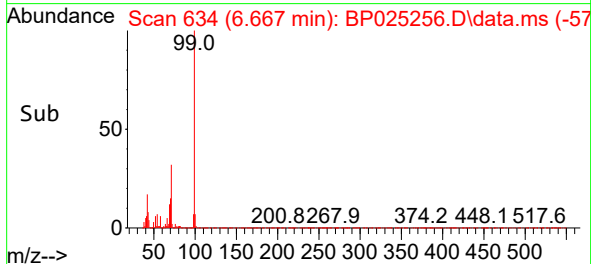
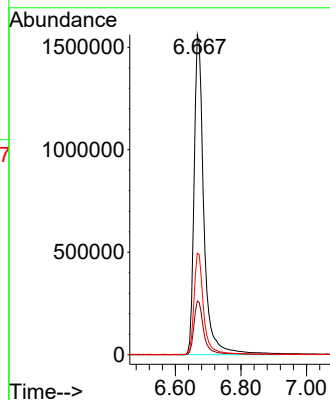
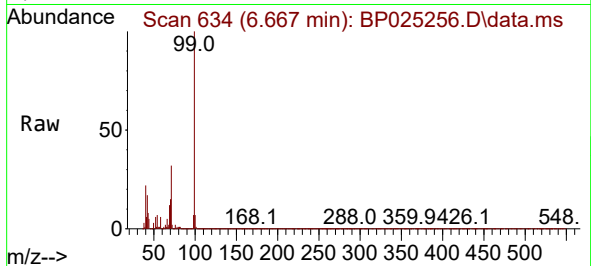




#7
Phenol-d6
Concen: 108.304 ng
RT: 6.667 min Scan# 61
Delta R.T. 0.029 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

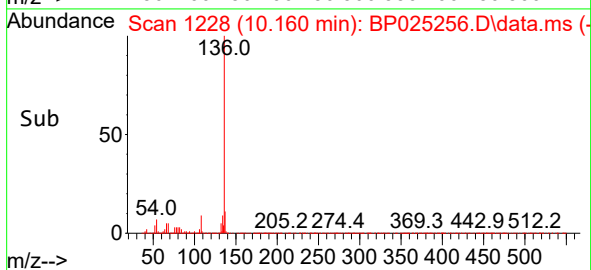
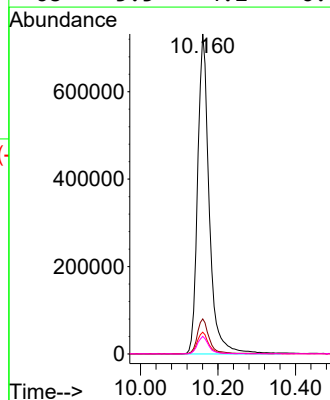
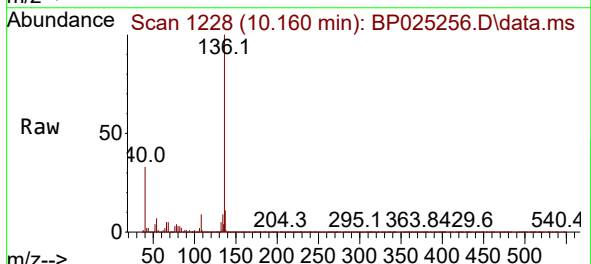
Instrument :
BNA_P
ClientSampleId :
ETGI-361

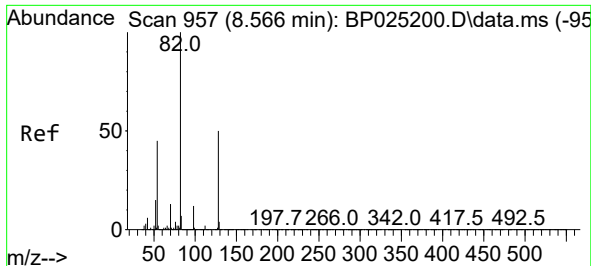
Tgt Ion: 99 Resp: 3266136
Ion Ratio Lower Upper
99 100
42 16.7 12.5 18.7
71 31.8 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.160 min Scan# 1228
Delta R.T. 0.012 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

Tgt Ion: 136 Resp: 1519665
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.1 7.7
68 5.5 4.2 6.4

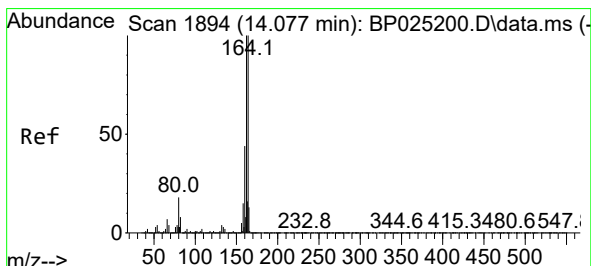
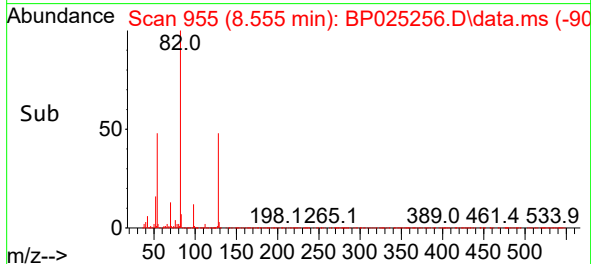
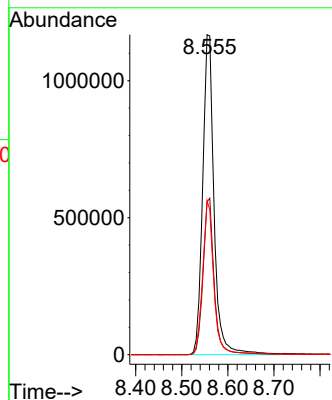
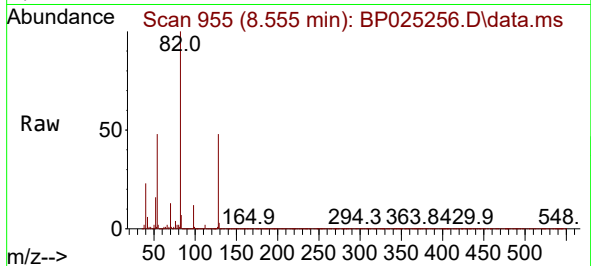




#23
Nitrobenzene-d5
Concen: 73.800 ng
RT: 8.555 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

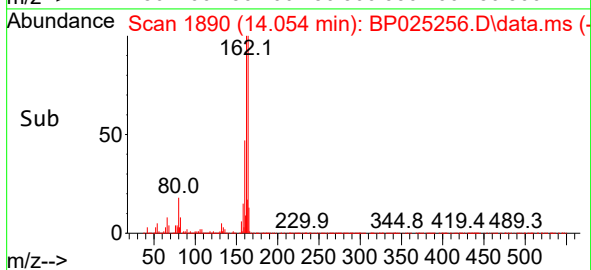
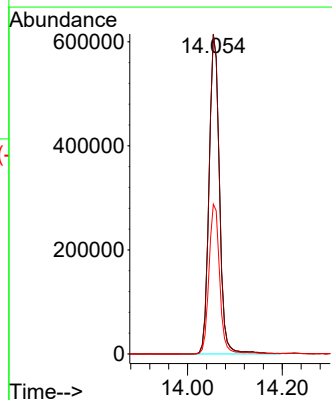
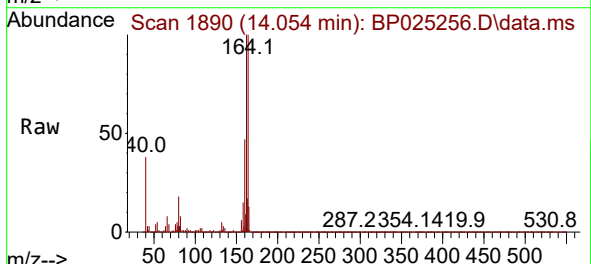
Instrument :
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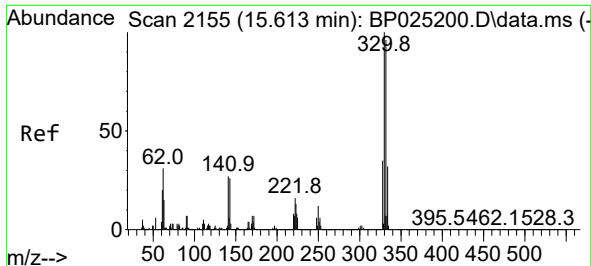
Tgt Ion: 82 Resp: 2018076
Ion Ratio Lower Upper
82 100
128 47.7 40.2 60.4
54 48.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.054 min Scan# 1890
Delta R.T. 0.012 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

Tgt Ion:164 Resp: 930402
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 47.0 35.7 53.5

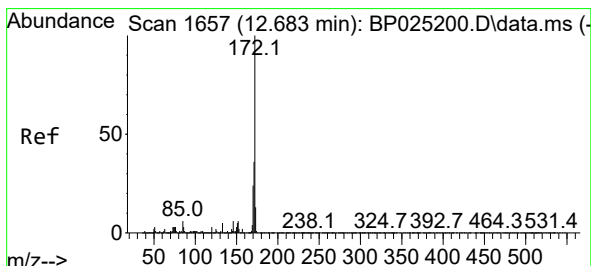
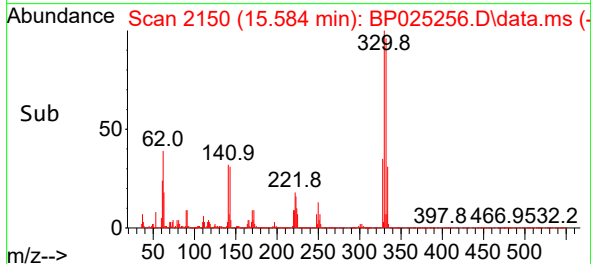
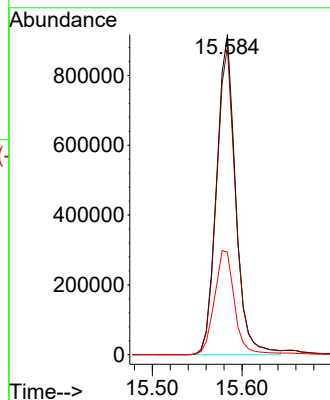
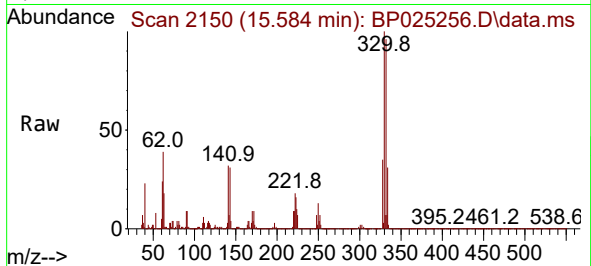




#42
2,4,6-Tribromophenol
Concen: 98.657 ng
RT: 15.584 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

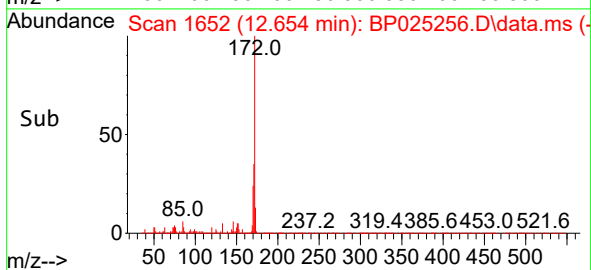
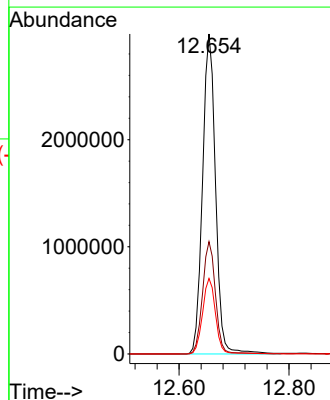
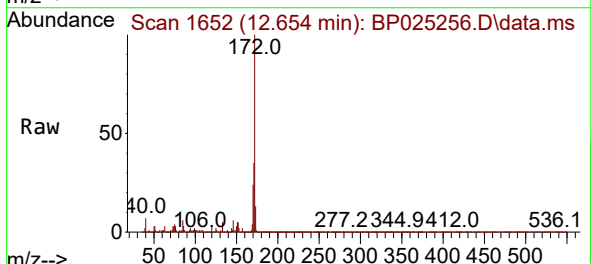
Instrument :
BNA_P
ClientSampleId :
ETGI-361

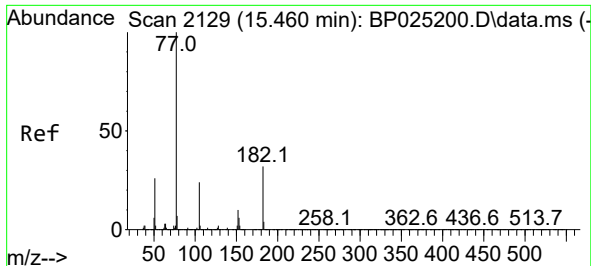
Tgt Ion: 330 Resp: 1353203
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 34.9 22.4 33.6#



#45
2-Fluorobiphenyl
Concen: 74.465 ng
RT: 12.654 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

Tgt Ion: 172 Resp: 4914283
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.6 19.2 28.8

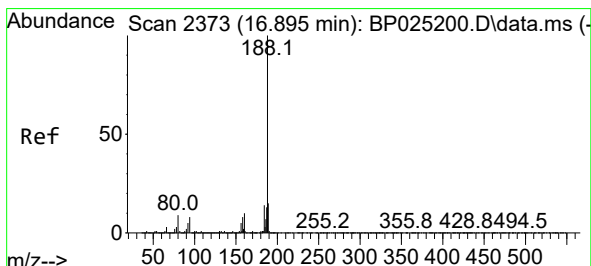
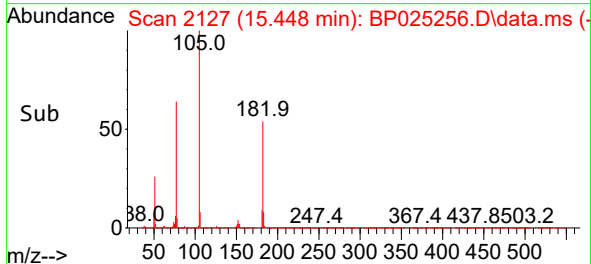
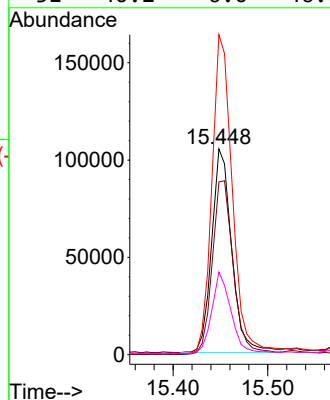
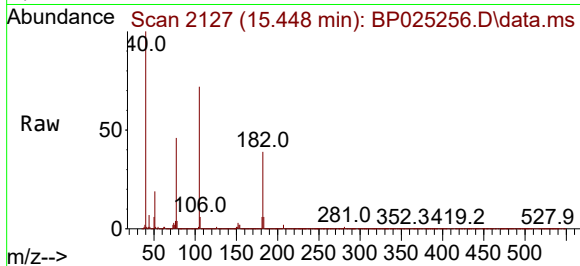




#63
Azobenzene
Concen: 2.900 ng
RT: 15.448 min Scan# 2129
Delta R.T. 0.029 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

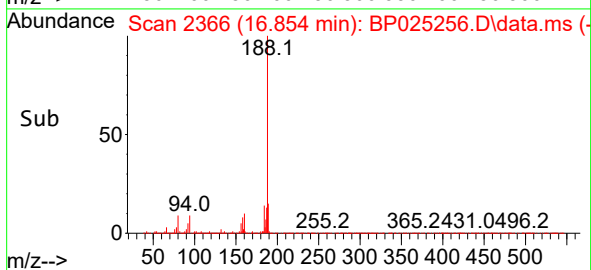
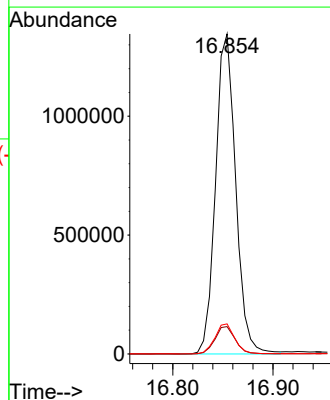
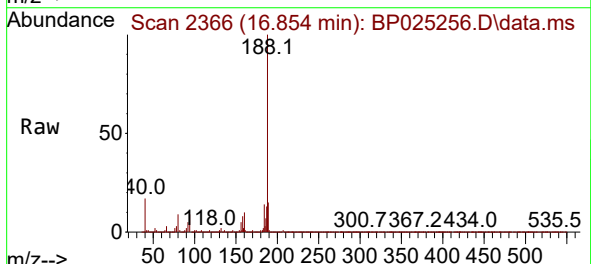
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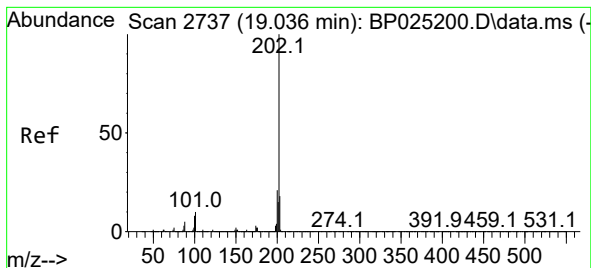
Tgt Ion: 77 Resp: 154967
Ion Ratio Lower Upper
77 100
182 84.0 12.0 52.0#
105 155.5 3.6 43.6#
51 40.2 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025256.D
Acq: 28 Jul 2025 20:25

Tgt Ion: 188 Resp: 1874867
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.4 7.3 10.9





#75

Fluoranthene

Concen: 3.373 ng

RT: 18.989 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025256.D

Acq: 28 Jul 2025 20:25

Instrument :

BNA_P

ClientSampleId :

ETGI-361

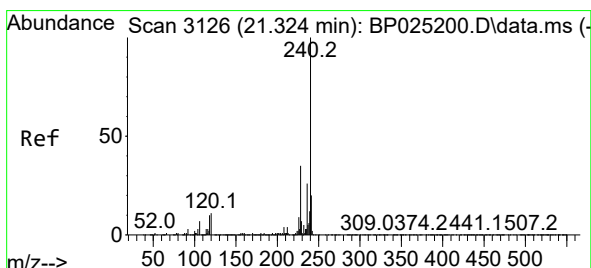
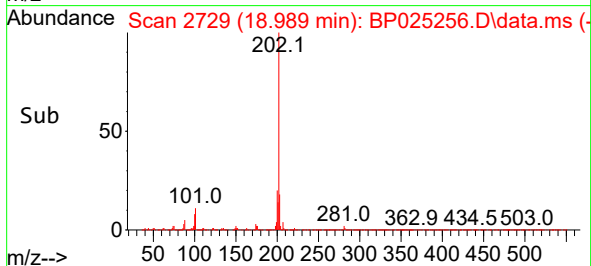
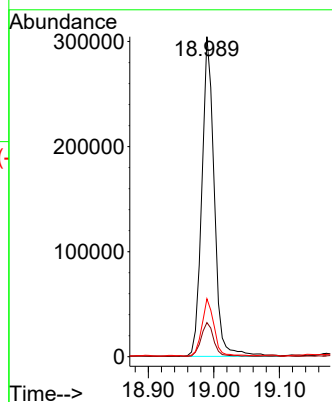
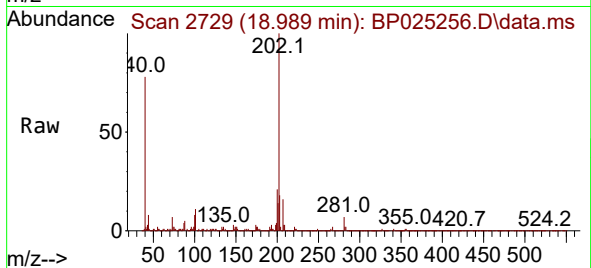
Tgt Ion:202 Resp: 401425

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

203 18.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.277 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BP025256.D

Acq: 28 Jul 2025 20:25

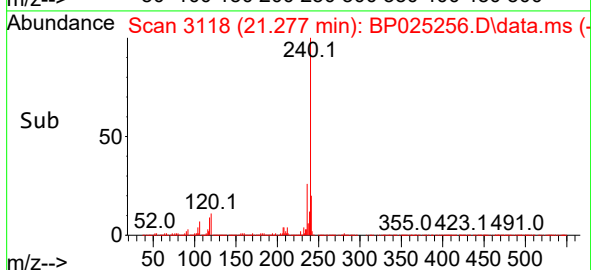
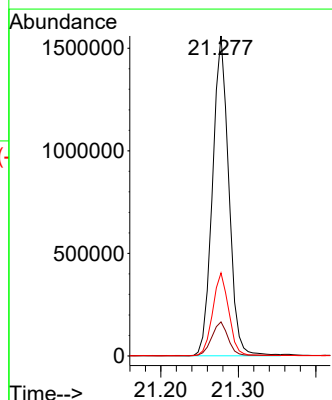
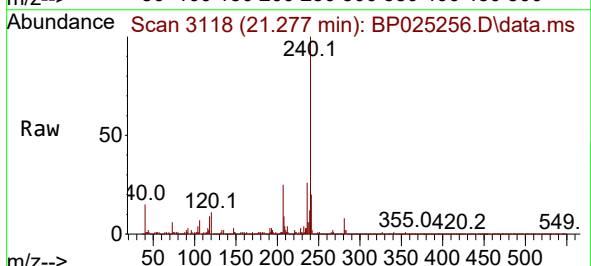
Tgt Ion:240 Resp: 2274514

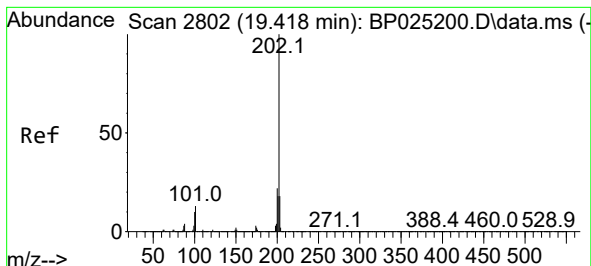
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 26.0 20.9 31.3





#78

Pyrene

Concen: 2.609 ng

RT: 19.366 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025256.D

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ETGI-361

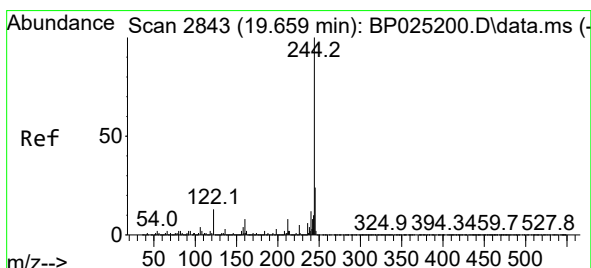
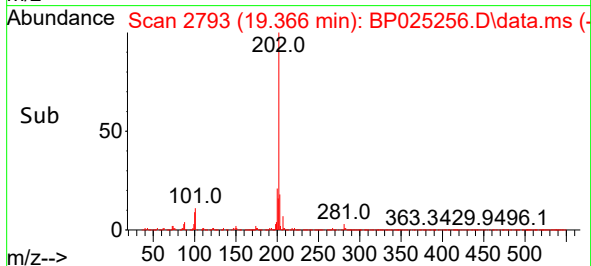
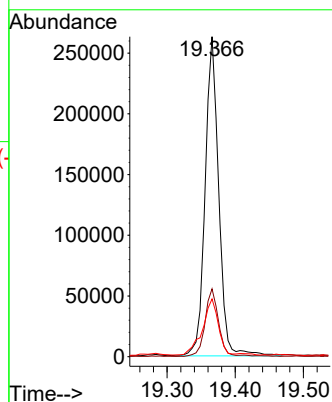
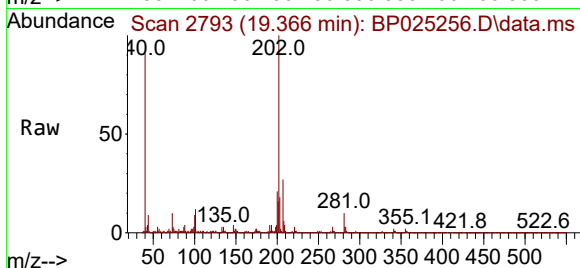
Tgt Ion:202 Resp: 365924

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

203 18.0 14.3 21.5



#79

Terphenyl-d14

Concen: 67.764 ng

RT: 19.601 min Scan# 2833

Delta R.T. -0.012 min

Lab File: BP025256.D

Acq: 28 Jul 2025 20:25

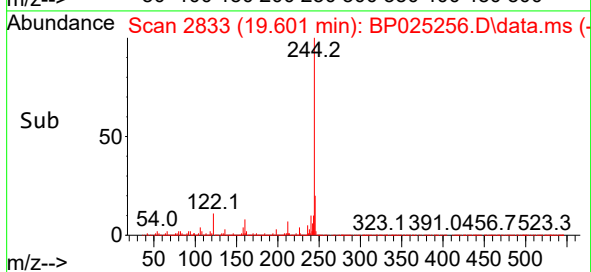
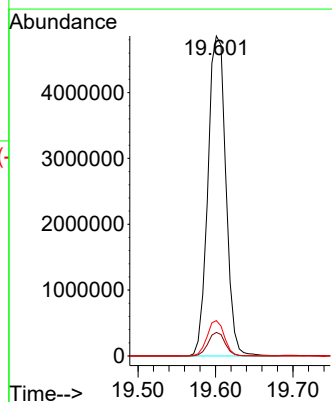
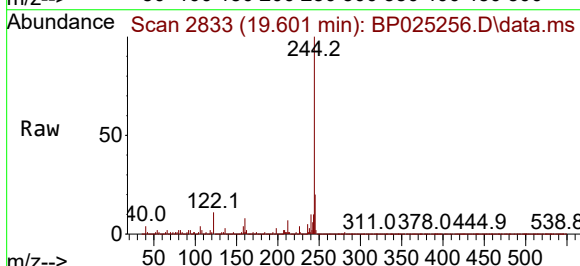
Tgt Ion:244 Resp: 7807909

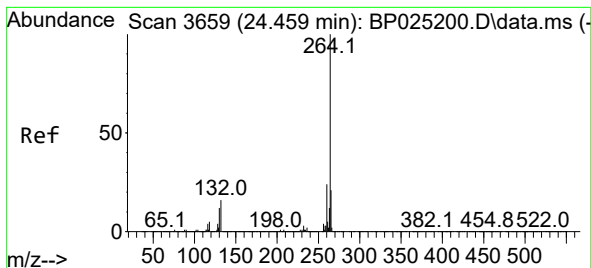
Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

122 11.0 10.3 15.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.354 min Scan# 3

Delta R.T. 0.023 min

Lab File: BP025256.D

Acq: 28 Jul 2025 20:25

Instrument :

BNA_P

ClientSampleId :

ETGI-361

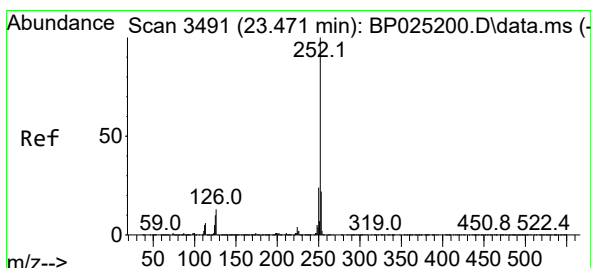
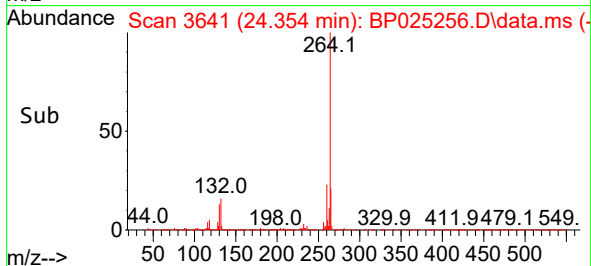
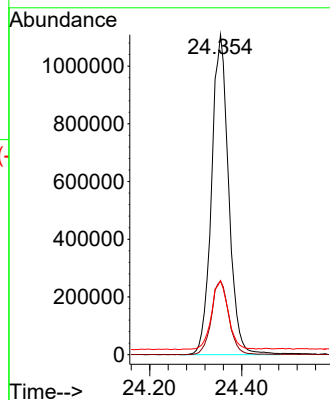
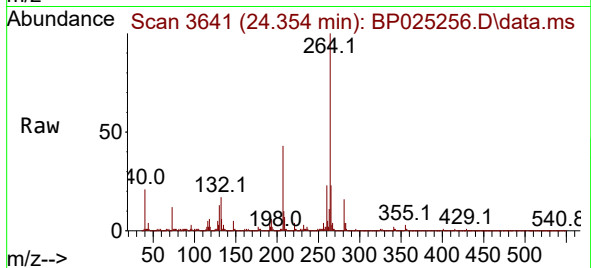
Tgt Ion:264 Resp: 2855551

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 23.2 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.414 ng

RT: 23.377 min Scan# 3475

Delta R.T. 0.024 min

Lab File: BP025256.D

Acq: 28 Jul 2025 20:25

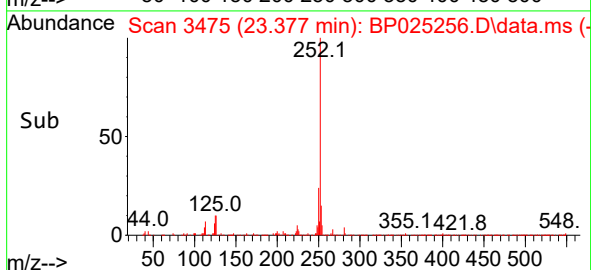
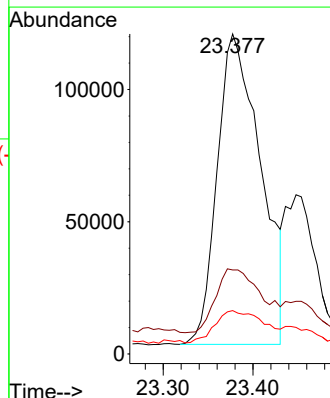
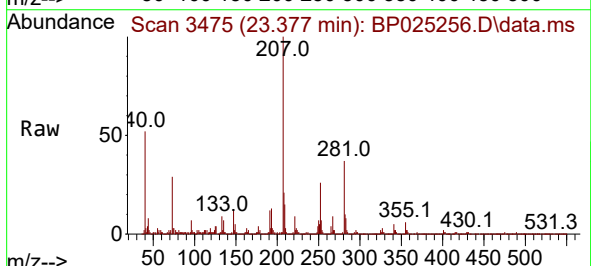
Tgt Ion:252 Resp: 394501

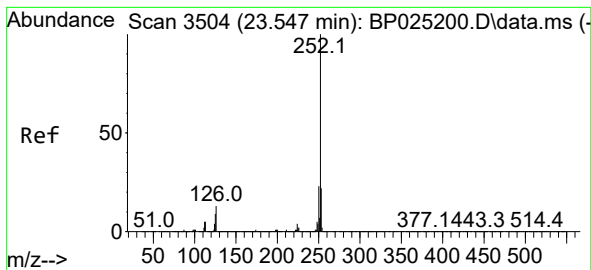
Ion Ratio Lower Upper

252 100

253 26.2 18.0 27.0

125 13.6 7.8 11.8#





#89

Benzo(k)fluoranthene

Concen: 2.445 ng

RT: 23.377 min Scan# 34

Delta R.T. -0.041 min

Lab File: BP025256.D

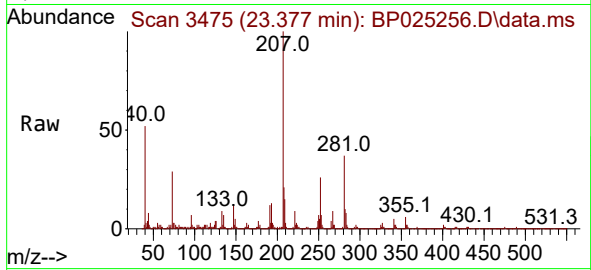
Acq: 28 Jul 2025 20:25

Instrument :

BNA_P

ClientSampleId :

ETGI-361



Tgt Ion:252 Resp: 394501

Ion Ratio Lower Upper

252 100

253 26.2 17.8 26.6

125 13.6 7.5 11.3#

