

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025550.D
 Acq On : 22 Aug 2025 15:35
 Operator : CG/JU
 Sample : Q2916-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-03-08202025

Quant Time: Aug 22 15:54:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

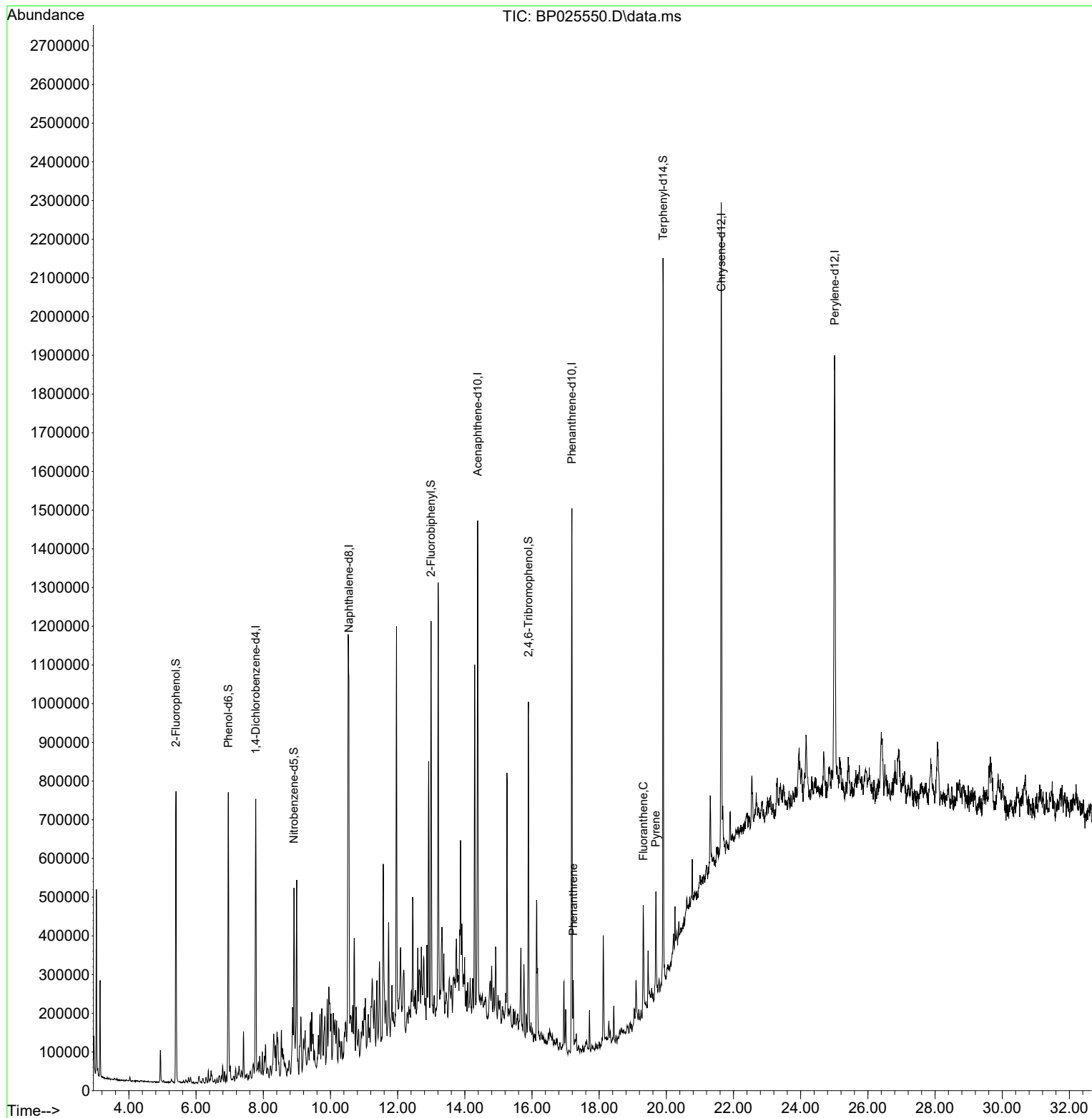
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	184972	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	702542	20.000	ng	-0.01
39) Acenaphthene-d10	14.383	164	423182	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	842296	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	937680	20.000	ng	-0.01
86) Perylene-d12	25.012	264	1140089	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	331135	29.730	ng	0.00
7) Phenol-d6	6.960	99	404878	28.353	ng	0.00
23) Nitrobenzene-d5	8.913	82	257972	18.575	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	156109	27.406	ng	-0.02
45) 2-Fluorobiphenyl	12.995	172	572210	18.480	ng	-0.02
79) Terphenyl-d14	19.907	244	884822	17.264	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.230	178	101390	2.191	ng	99
75) Fluoranthene	19.313	202	161076	2.918	ng	97
78) Pyrene	19.689	202	151791	2.491	ng	99

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

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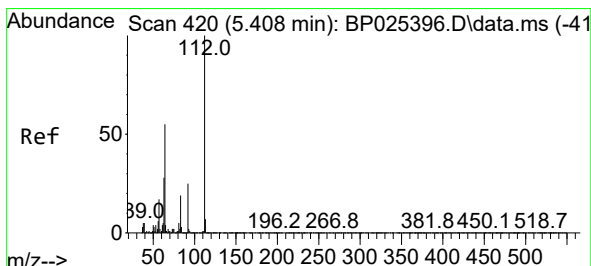
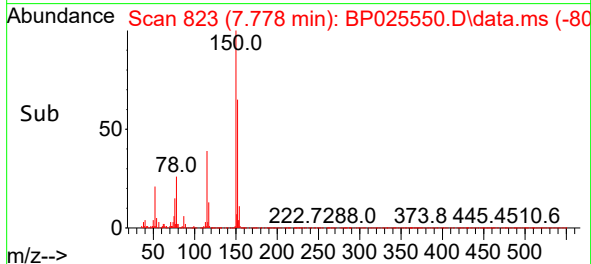
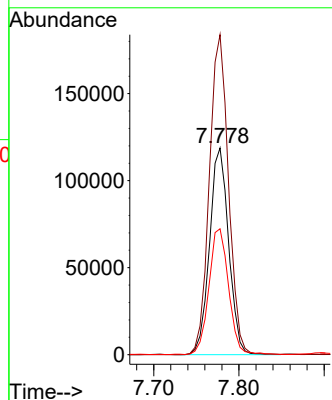
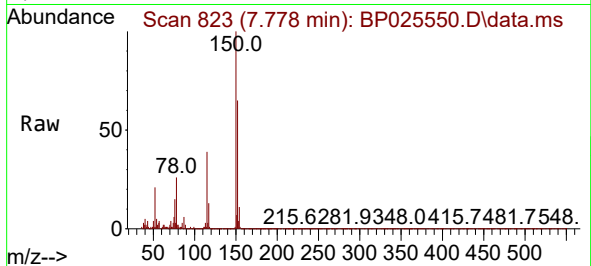




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

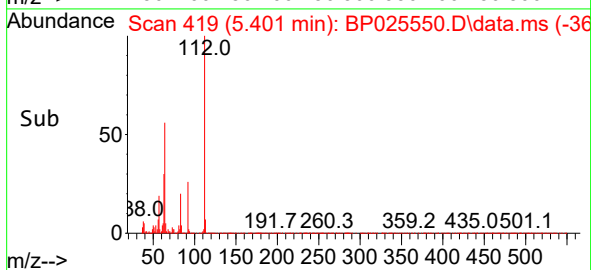
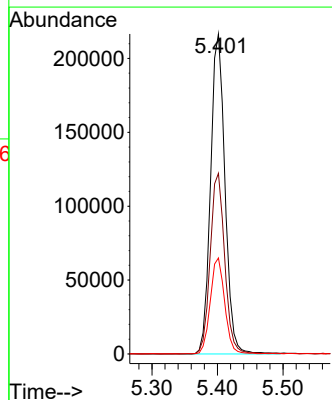
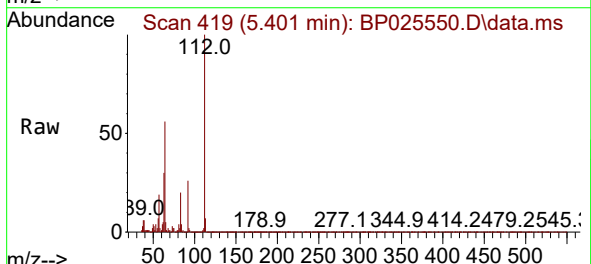
Instrument :
BNA_P
ClientSampleId :
EO-03-08202025

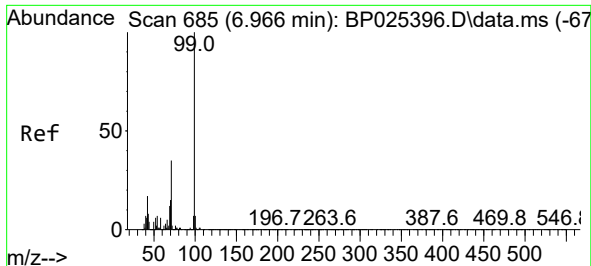
Tgt Ion:152 Resp: 184972
Ion Ratio Lower Upper
152 100
150 154.8 125.9 188.9
115 60.9 48.5 72.7



#5
2-Fluorophenol
Concen: 29.730 ng
RT: 5.401 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

Tgt Ion:112 Resp: 331135
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.8
63 30.0 22.7 34.1

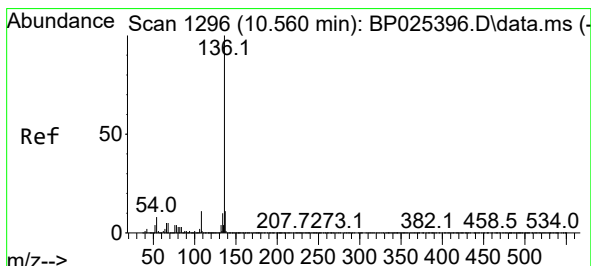
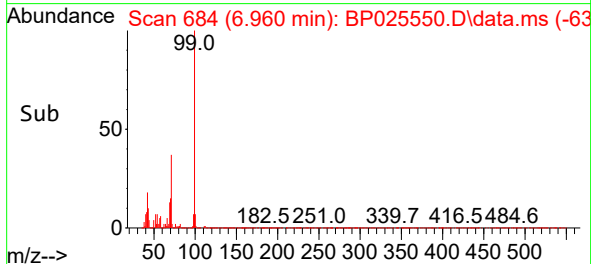
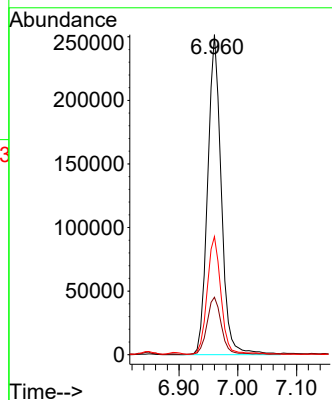
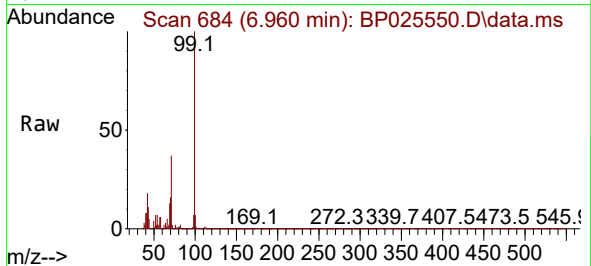




#7
Phenol-d6
Concen: 28.353 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

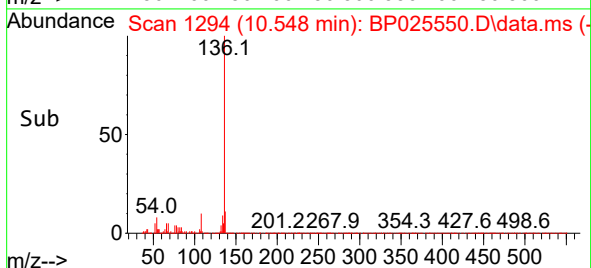
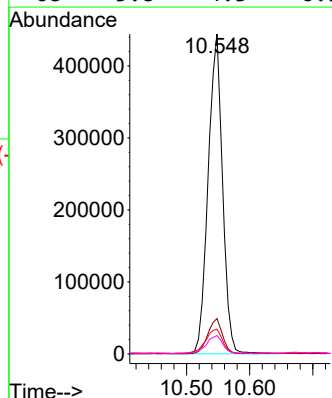
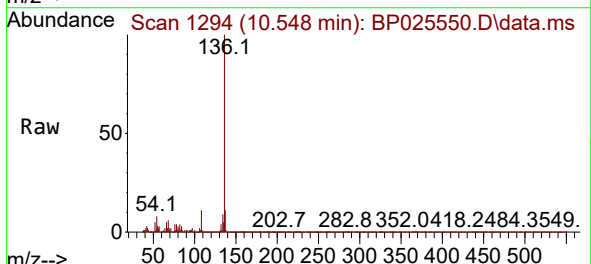
Instrument :
BNA_P
ClientSampleId :
EO-03-08202025

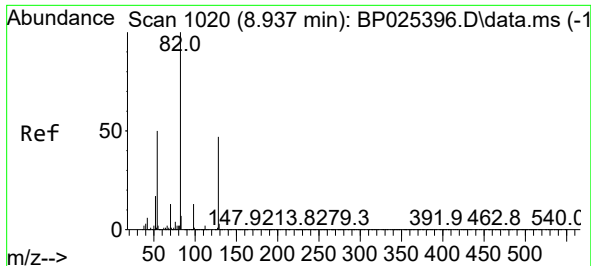
Tgt Ion: 99 Resp: 404878
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 36.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

Tgt Ion: 136 Resp: 702542
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.8 6.0 9.0
68 5.8 4.3 6.5

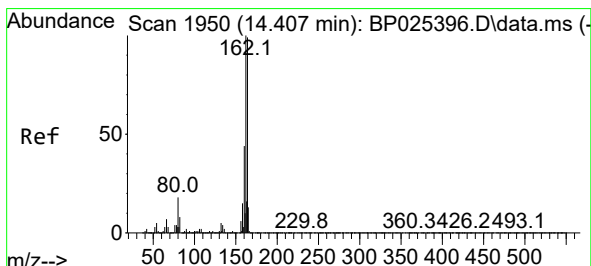
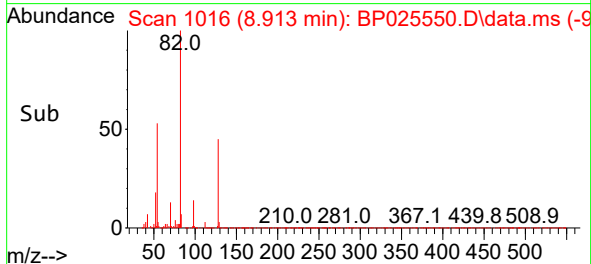
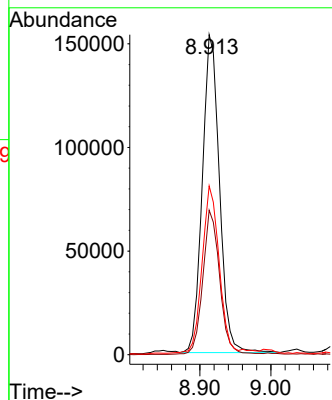
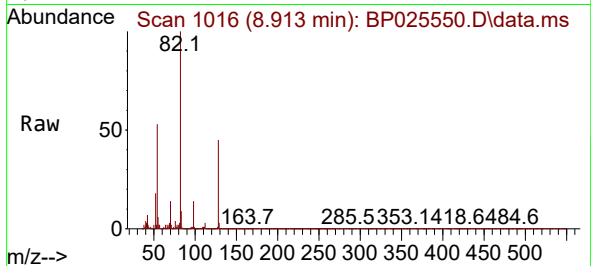




#23
Nitrobenzene-d5
Concen: 18.575 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

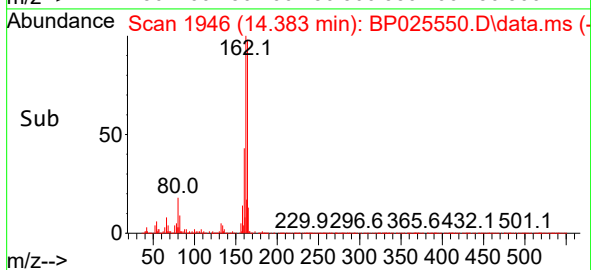
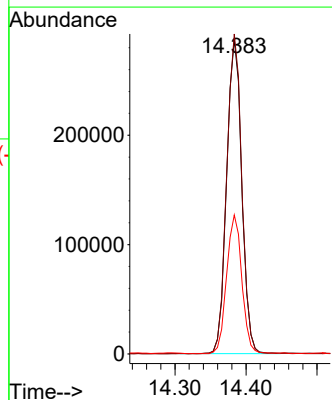
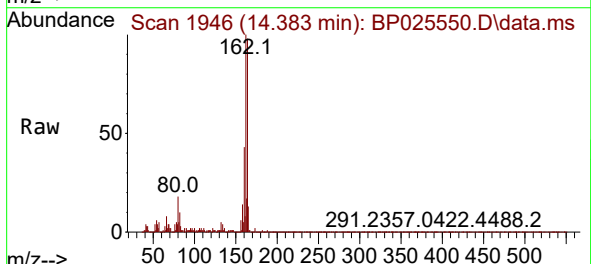
Instrument :
BNA_P
ClientSampleId :
EO-03-08202025

Tgt Ion: 82 Resp: 257972
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 52.8 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.383 min Scan# 1946
Delta R.T. -0.024 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

Tgt Ion:164 Resp: 423182
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 44.2 35.4 53.2

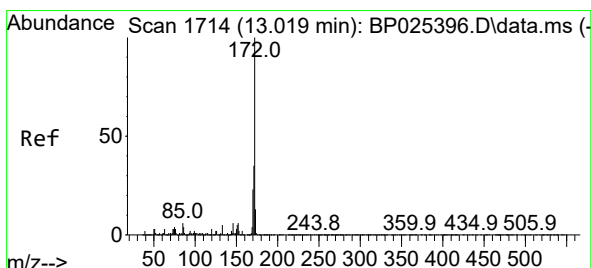
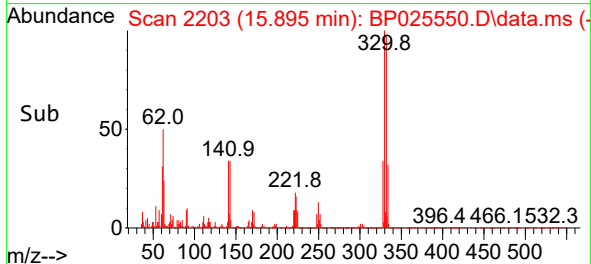
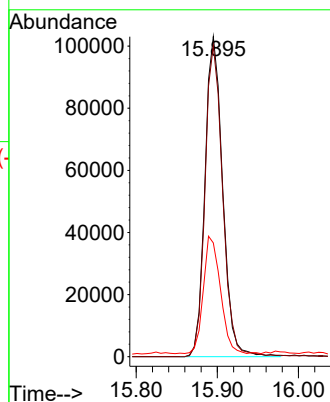
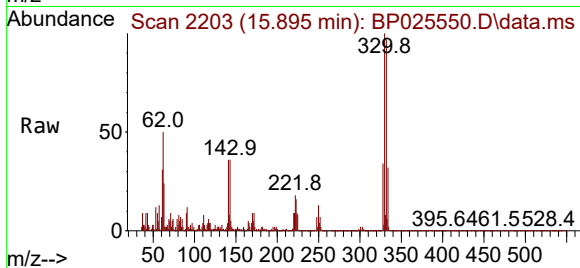




#42
2,4,6-Tribromophenol
Concen: 27.406 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

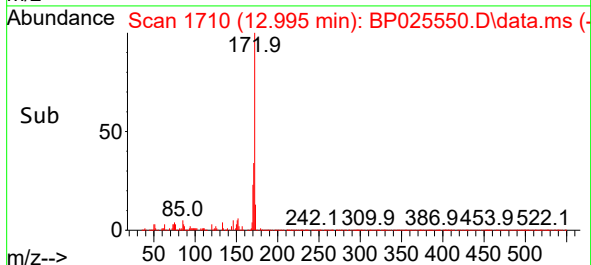
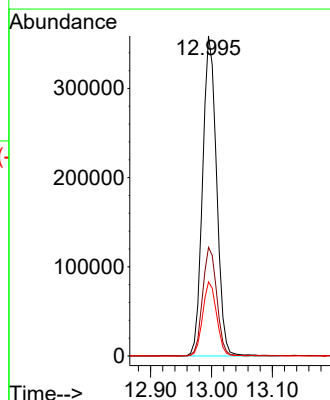
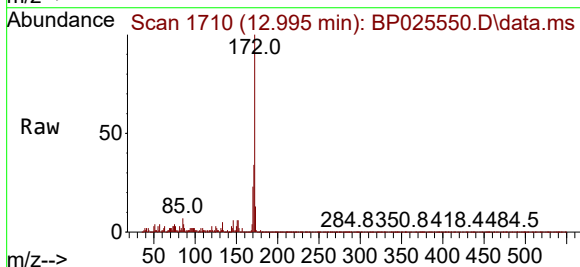
Instrument :
BNA_P
ClientSampleId :
EO-03-08202025

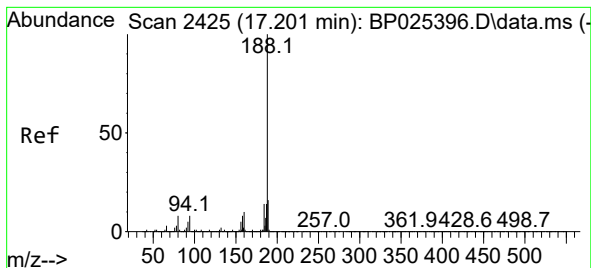
Tgt Ion:330 Resp: 156109
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 35.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 18.480 ng
RT: 12.995 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

Tgt Ion:172 Resp: 572210
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

Instrument :

BNA_P

ClientSampleId :

EO-03-08202025

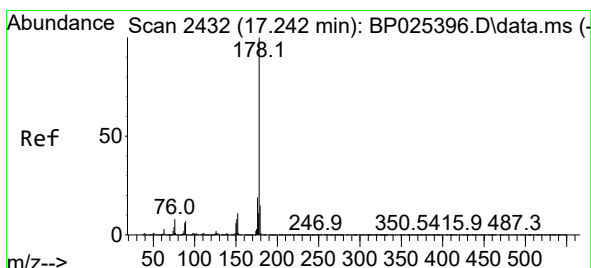
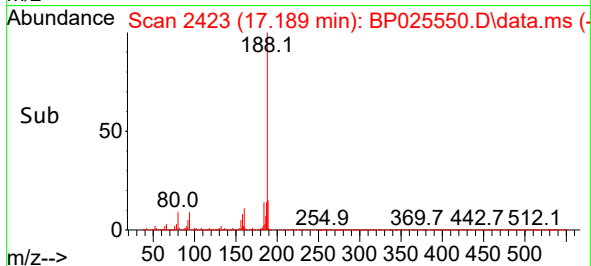
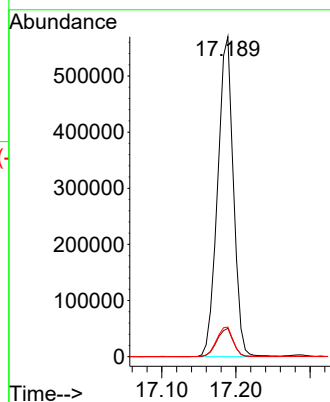
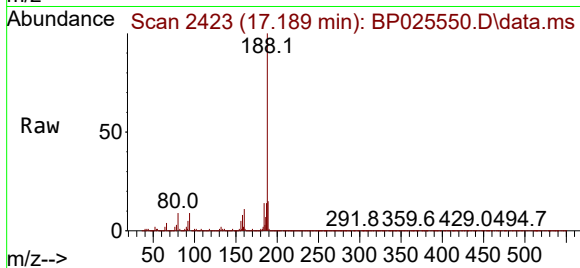
Tgt Ion:188 Resp: 842296

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.3 6.7 10.1



#71

Phenanthrene

Concen: 2.191 ng

RT: 17.230 min Scan# 2430

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

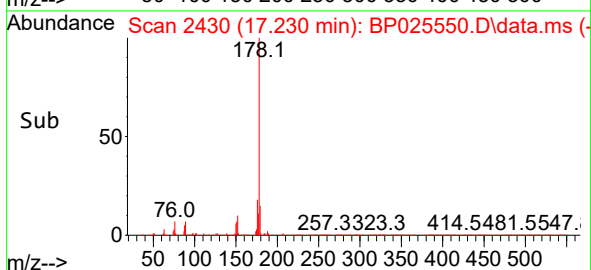
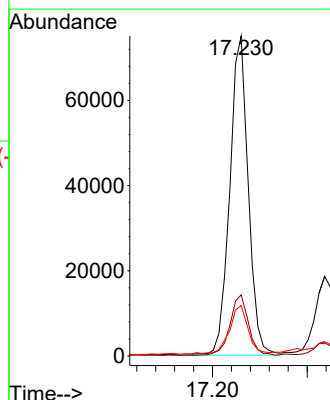
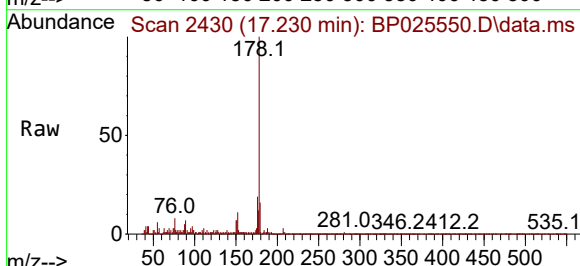
Tgt Ion:178 Resp: 101390

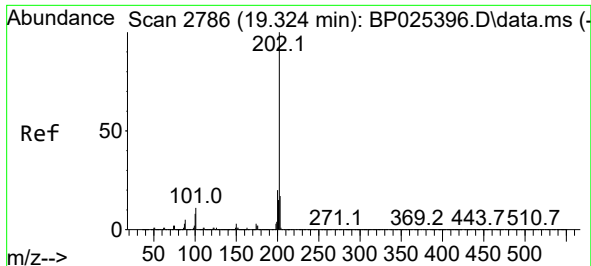
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.7 12.2 18.4

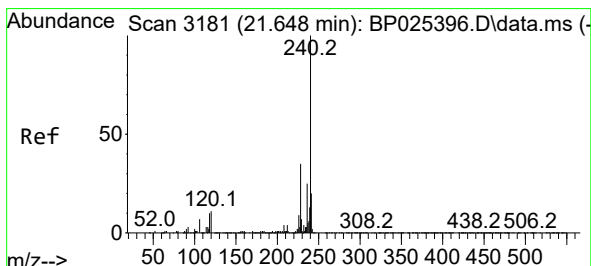
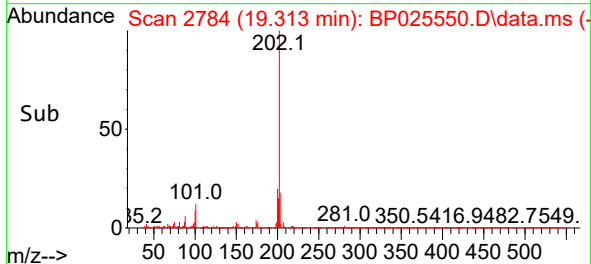
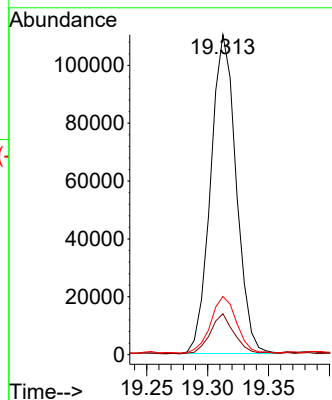
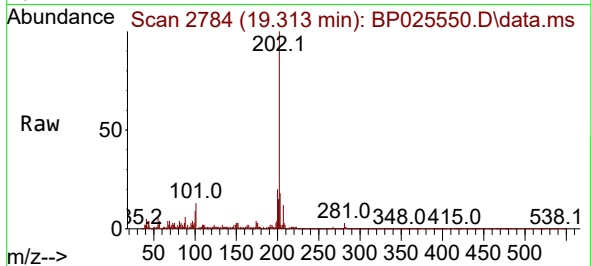




#75
Fluoranthene
Concen: 2.918 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

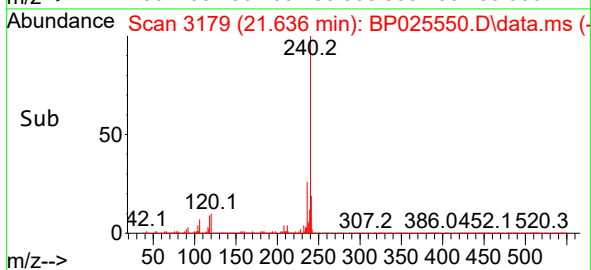
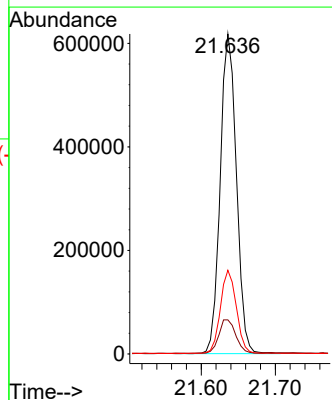
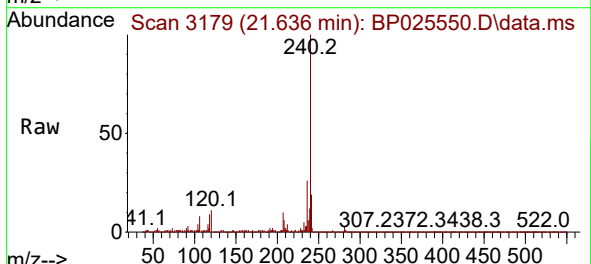
Instrument :
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EO-03-08202025

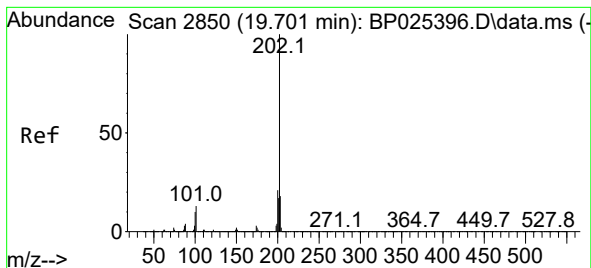
Tgt Ion:202 Resp: 161076
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.1
203 18.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025550.D
Acq: 22 Aug 2025 15:35

Tgt Ion:240 Resp: 937680
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.2 19.8 29.8





#78

Pyrene

Concen: 2.491 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

Instrument :

BNA_P

ClientSampleId :

EO-03-08202025

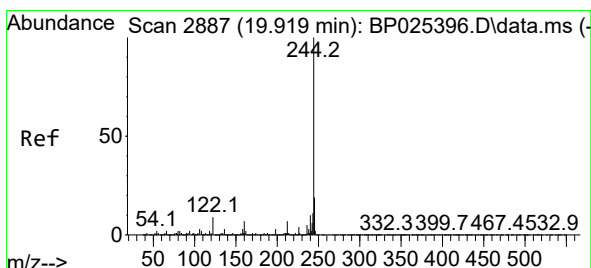
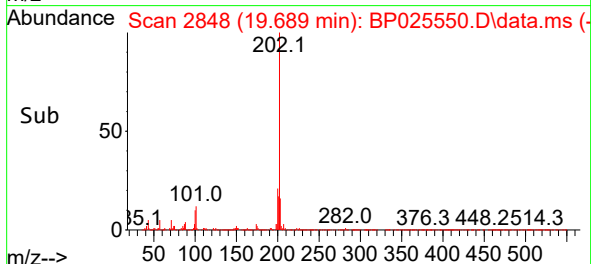
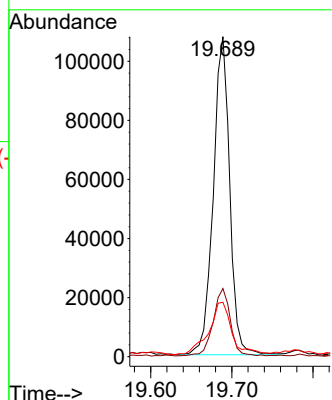
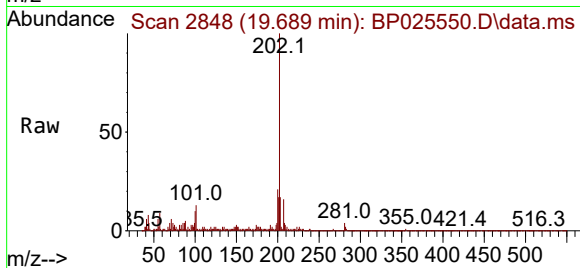
Tgt Ion:202 Resp: 151791

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.0 14.2 21.2



#79

Terphenyl-d14

Concen: 17.264 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

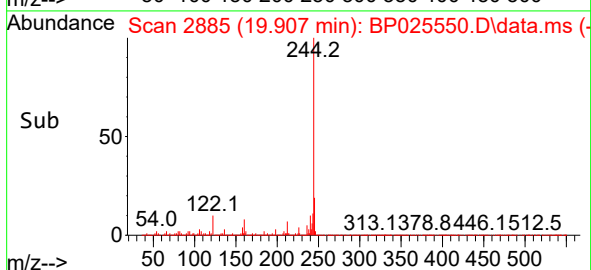
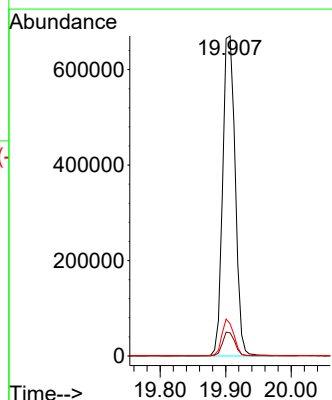
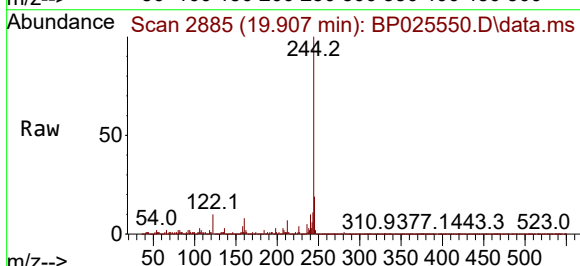
Tgt Ion:244 Resp: 884822

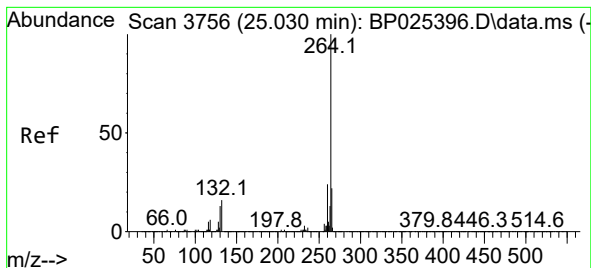
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.0 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025550.D

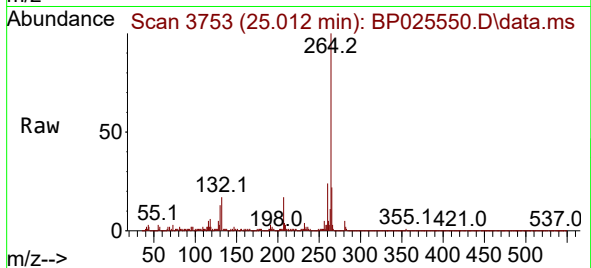
Acq: 22 Aug 2025 15:35

Instrument :

BNA_P

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Tgt Ion:264 Resp: 1140089

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.2 17.4 26.0

