

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025554.D
 Acq On : 22 Aug 2025 18:20
 Operator : CG/JU
 Sample : Q2934-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ENV-SW02

Quant Time: Aug 25 01:19:04 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	160345	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	629322	20.000	ng	-0.02
39) Acenaphthene-d10	14.378	164	401606	20.000	ng	-0.03
64) Phenanthrene-d10	17.183	188	846616	20.000	ng	-0.02
76) Chrysene-d12	21.618	240	933681	20.000	ng	-0.03
86) Perylene-d12	24.977	264	1099736	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	905029	93.734	ng	0.00
7) Phenol-d6	6.960	99	911354	73.622	ng	0.00
23) Nitrobenzene-d5	8.919	82	1207109	97.029	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	850716	157.375	ng	-0.02
45) 2-Fluorobiphenyl	13.001	172	2567699	87.380	ng	-0.02
79) Terphenyl-d14	19.907	244	4192371	82.151	ng	-0.01

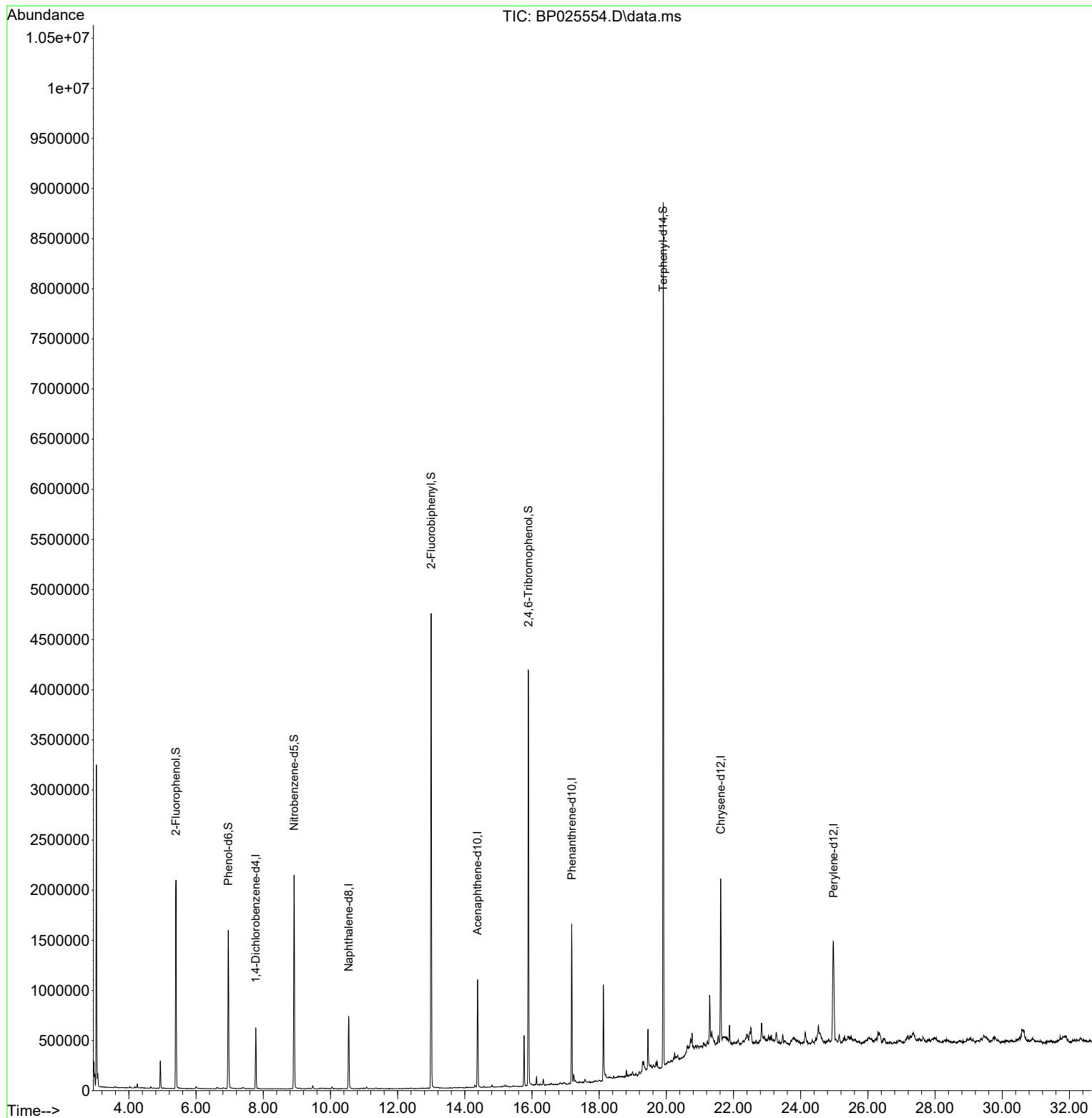
Target Compounds	Qvalue

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

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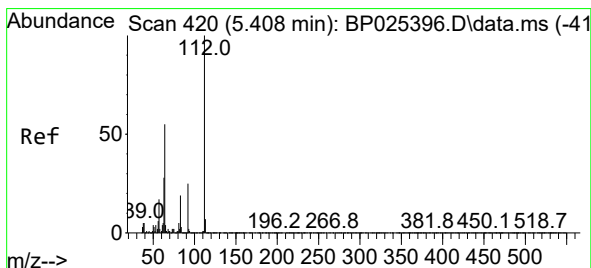
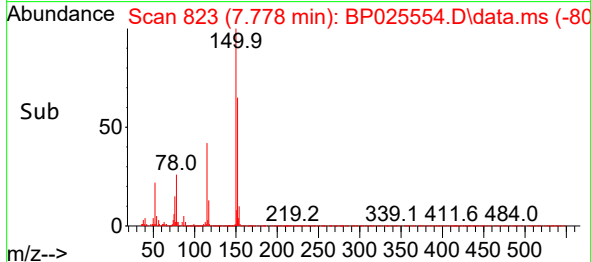
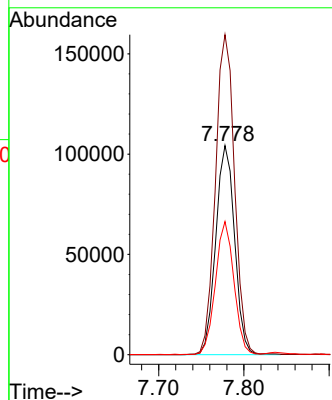
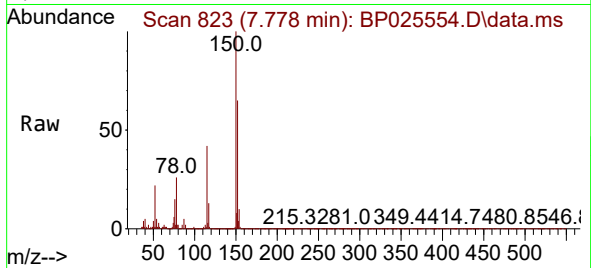




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025554.D
Acq: 22 Aug 2025 18:20

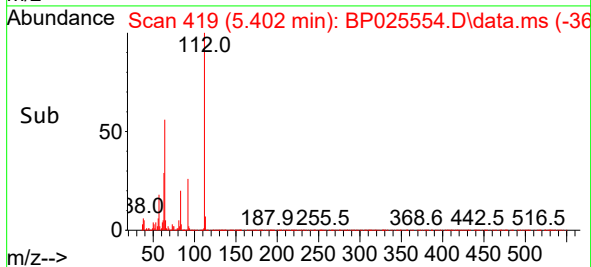
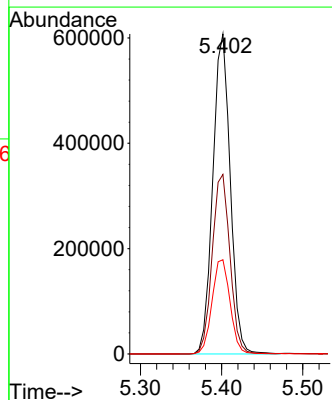
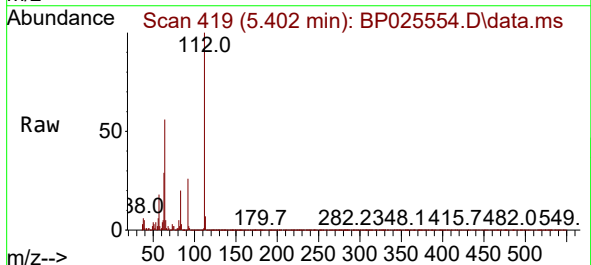
Instrument :
BNA_P
ClientSampleId :
ENV-SW02

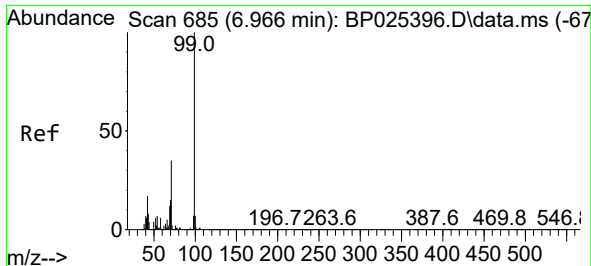
Tgt Ion:152 Resp: 160345
Ion Ratio Lower Upper
152 100
150 153.1 125.9 188.9
115 63.7 48.5 72.7



#5
2-Fluorophenol
Concen: 93.734 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025554.D
Acq: 22 Aug 2025 18:20

Tgt Ion:112 Resp: 905029
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.4 22.7 34.1

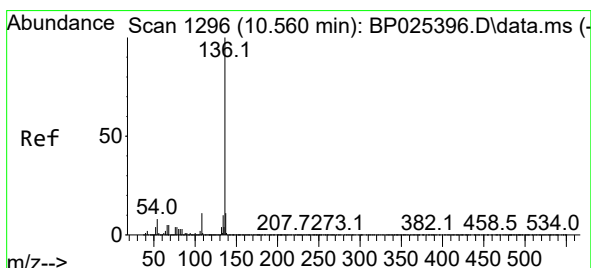
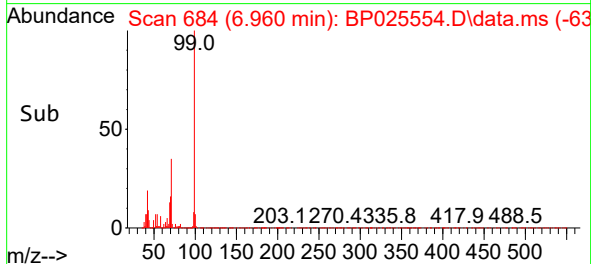
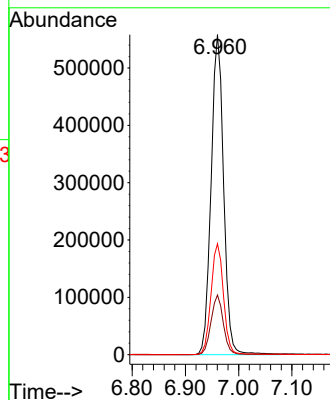
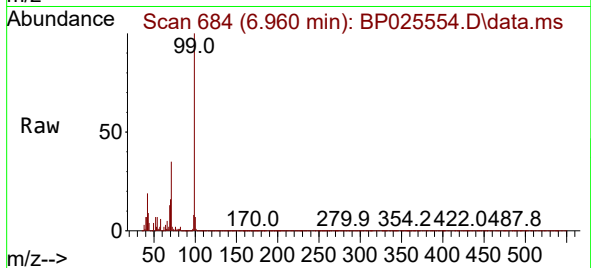




#7
Phenol-d6
Concen: 73.622 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025554.D
Acq: 22 Aug 2025 18:20

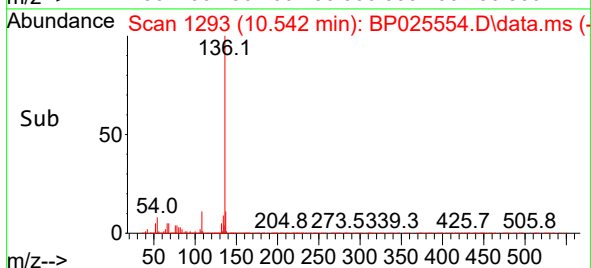
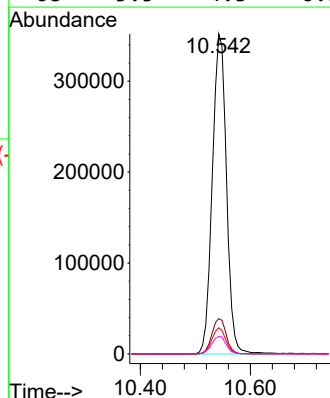
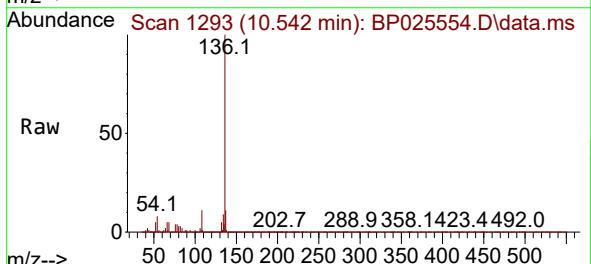
Instrument :
BNA_P
ClientSampleId :
ENV-SW02

Tgt Ion: 99 Resp: 911354
Ion Ratio Lower Upper
99 100
42 18.7 13.7 20.5
71 34.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025554.D
Acq: 22 Aug 2025 18:20

Tgt Ion: 136 Resp: 629322
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.2 6.0 9.0
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 97.029 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

Instrument :

BNA_P

ClientSampleId :

ENV-SW02

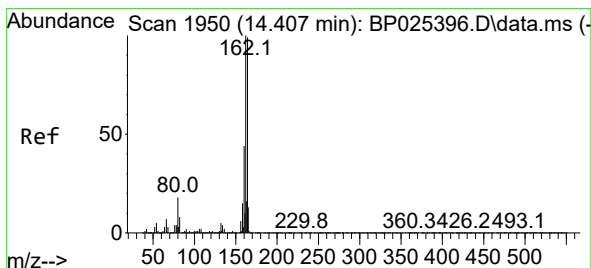
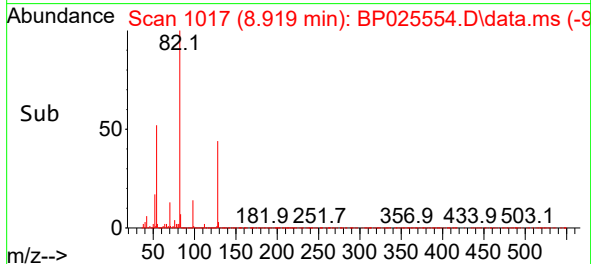
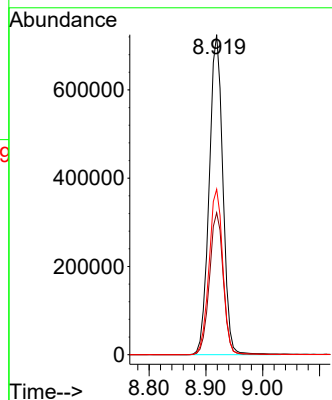
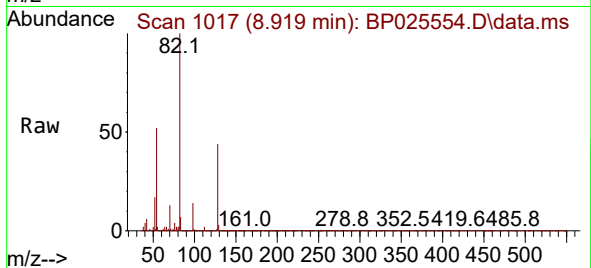
Tgt Ion: 82 Resp: 1207109

Ion Ratio Lower Upper

82 100

128 44.4 37.7 56.5

54 51.7 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. -0.030 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

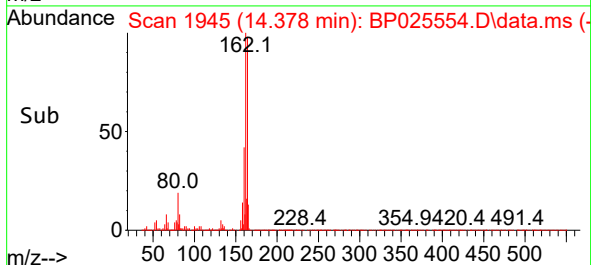
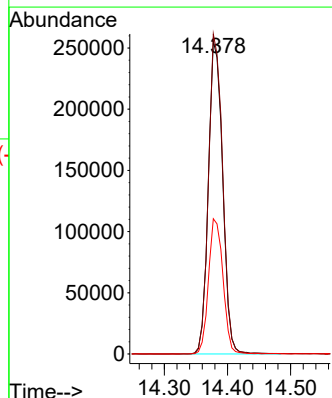
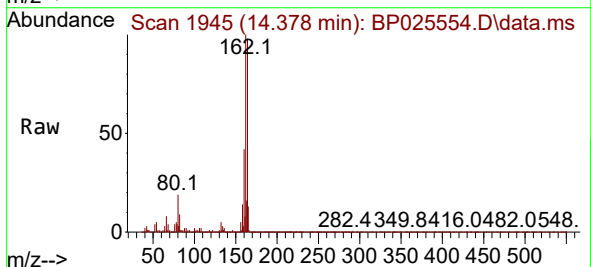
Tgt Ion:164 Resp: 401606

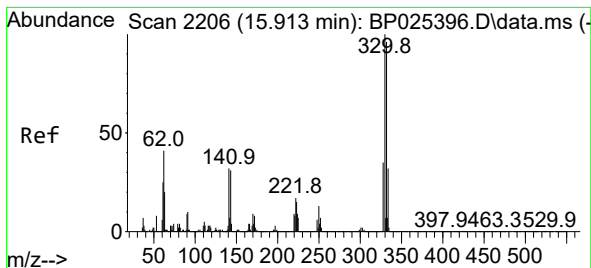
Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.6

160 43.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 157.375 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

Instrument :

BNA_P

ClientSampleId :

ENV-SW02

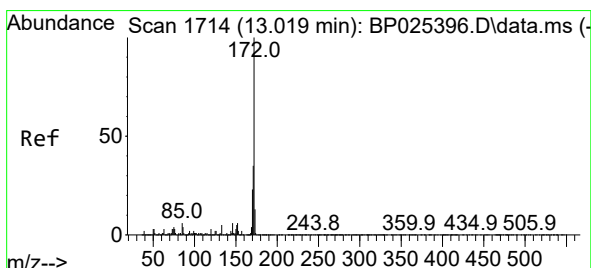
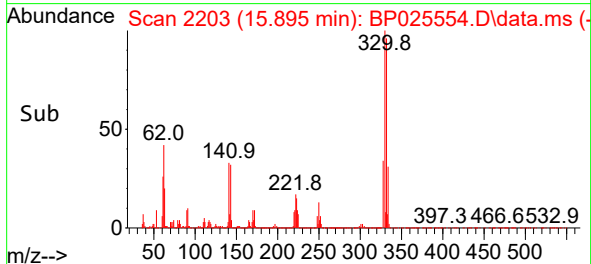
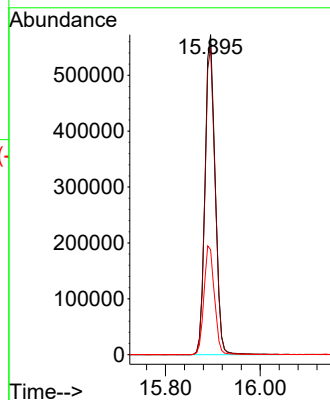
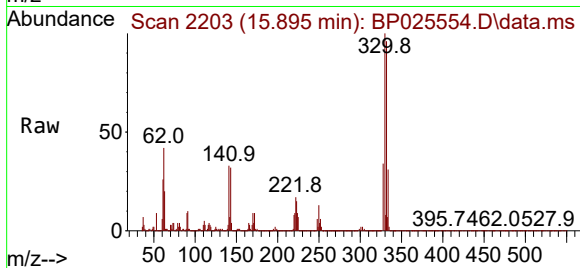
Tgt Ion:330 Resp: 850716

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 87.380 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

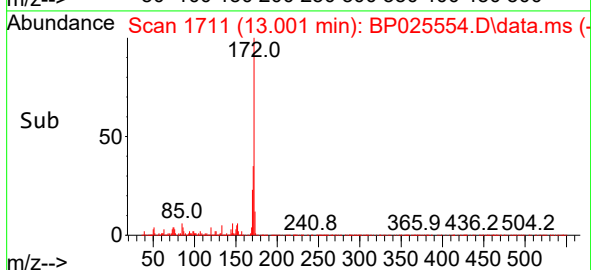
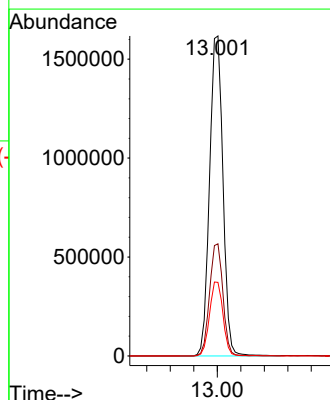
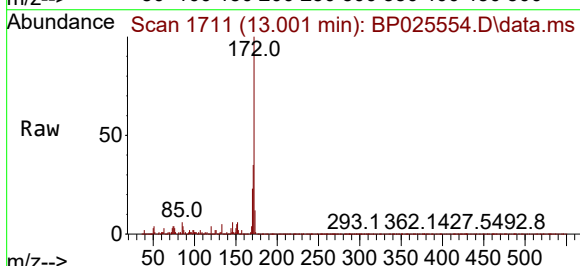
Tgt Ion:172 Resp: 2567699

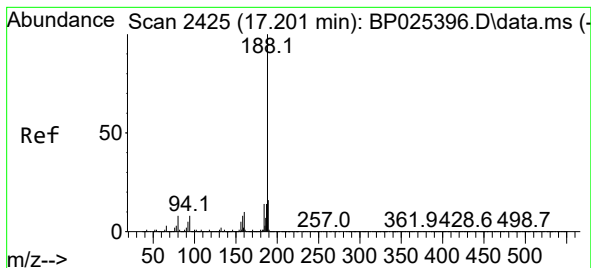
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2422

Delta R.T. -0.018 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

Instrument :

BNA_P

ClientSampleId :

ENV-SW02

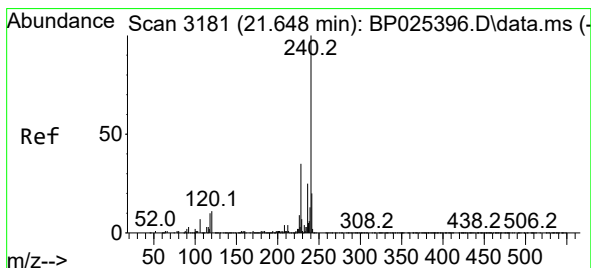
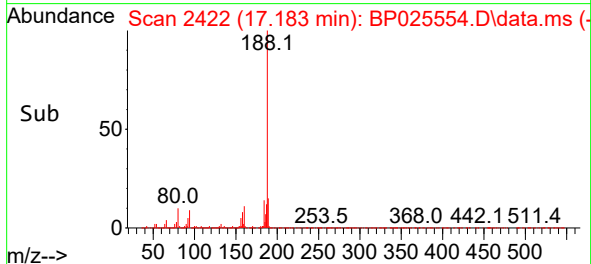
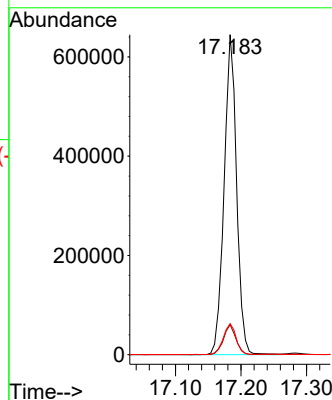
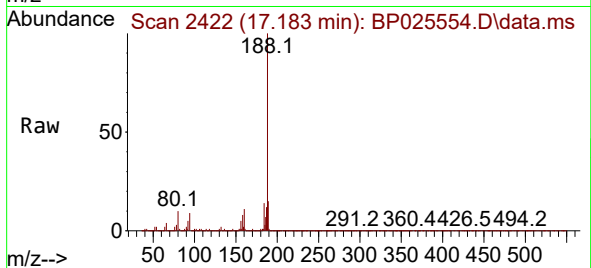
Tgt Ion:188 Resp: 846616

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3176

Delta R.T. -0.030 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

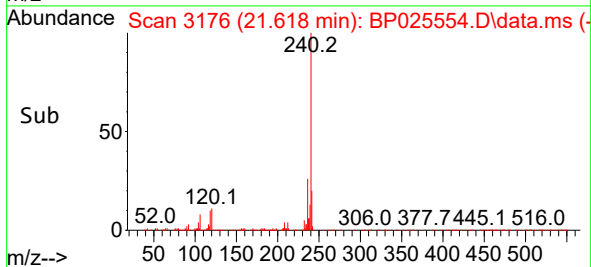
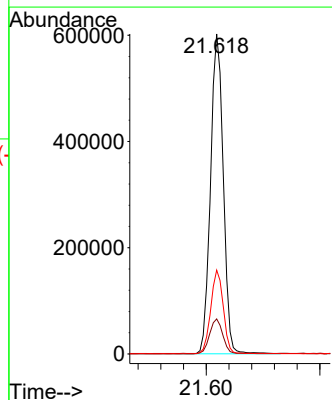
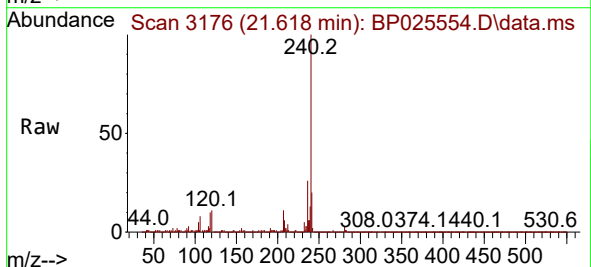
Tgt Ion:240 Resp: 933681

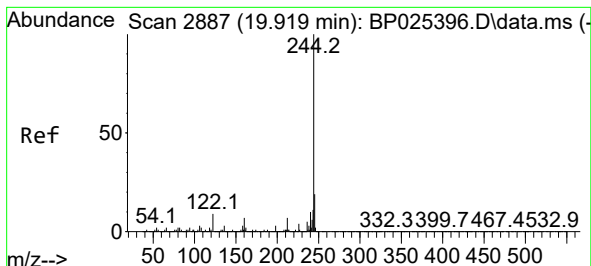
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 26.2 19.8 29.8





#79

Terphenyl-d14

Concen: 82.151 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

Instrument :

BNA_P

ClientSampleId :

ENV-SW02

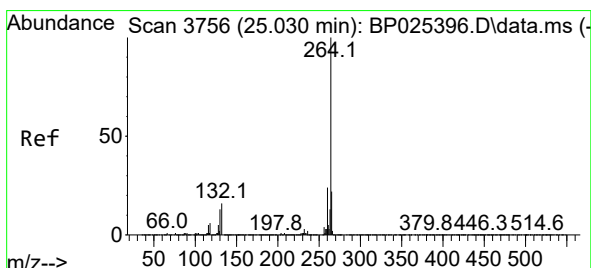
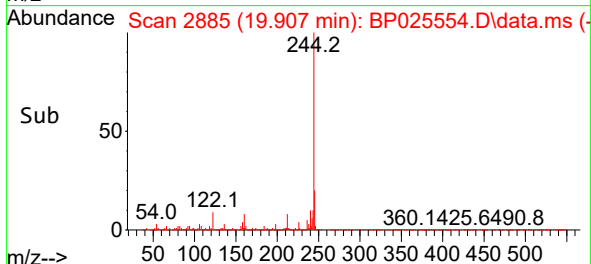
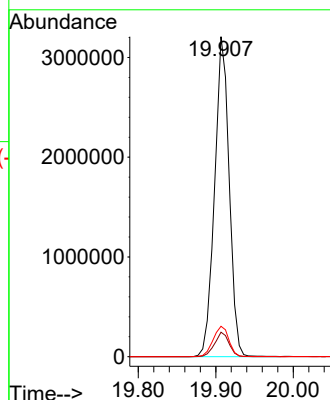
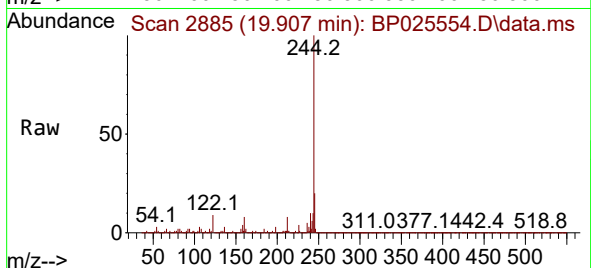
Tgt Ion:244 Resp: 4192371

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.5 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 3747

Delta R.T. -0.053 min

Lab File: BP025554.D

Acq: 22 Aug 2025 18:20

Tgt Ion:264 Resp: 1099736

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.1 17.4 26.0

