

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025553.D
 Acq On : 22 Aug 2025 17:39
 Operator : CG/JU
 Sample : Q2934-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ENV-SW01

Quant Time: Aug 25 01:18:41 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)

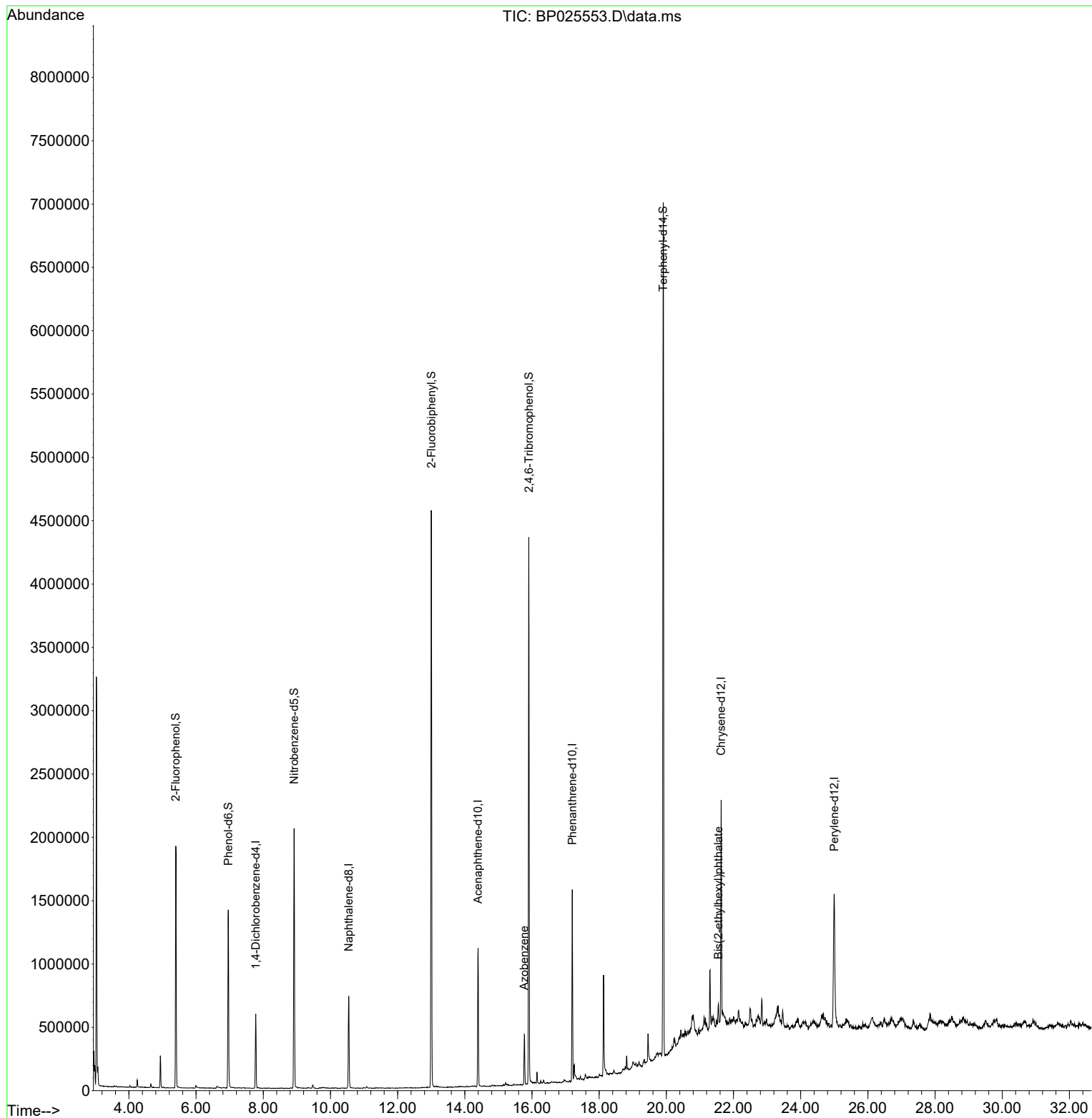
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	164036	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	640301	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	399889	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	848268	20.000	ng	0.00
76) Chrysene-d12	21.630	240	933136	20.000	ng	-0.02
86) Perylene-d12	25.000	264	1075182	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	838689	84.909	ng	-0.01
7) Phenol-d6	6.960	99	823417	65.021	ng	0.00
23) Nitrobenzene-d5	8.919	82	1188559	93.899	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	826479	153.548	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2578138	88.112	ng	-0.01
79) Terphenyl-d14	19.907	244	4120848	80.796	ng	-0.01
Target Compounds						
63) Azobenzene	15.771	77	124127	4.872	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.548	149	84965	2.100	ng	# 98

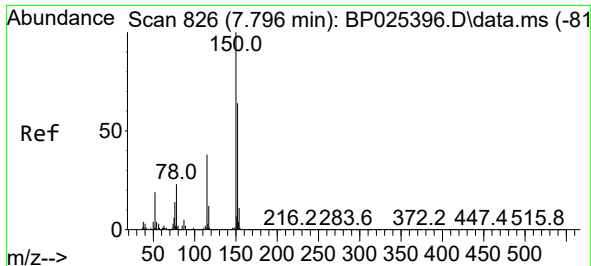
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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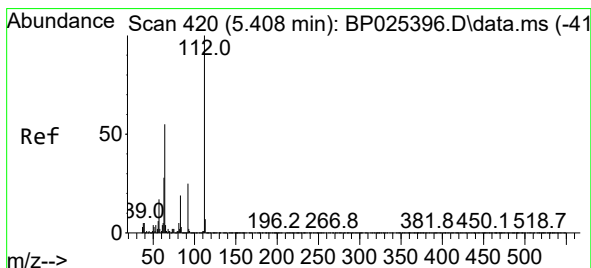
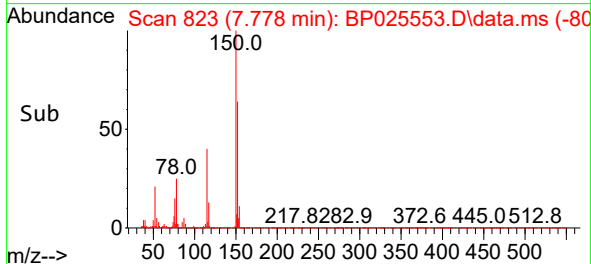
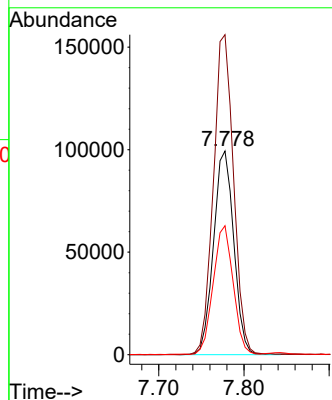
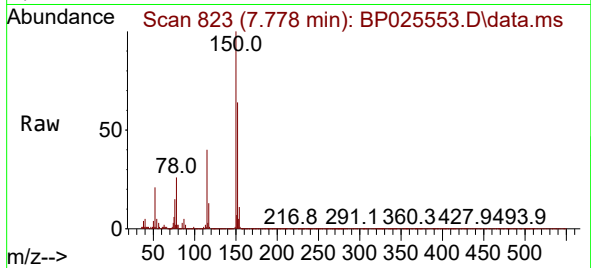




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

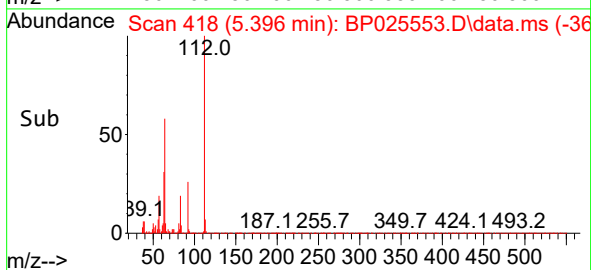
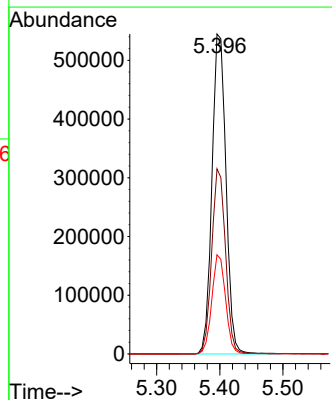
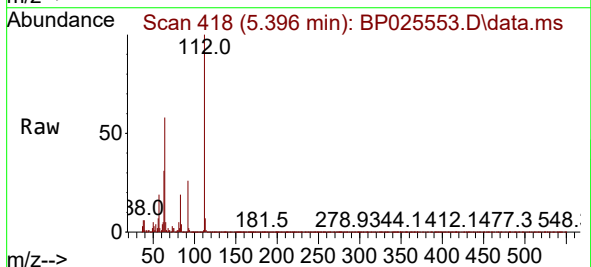
Instrument :
BNA_P
ClientSampleId :
ENV-SW01

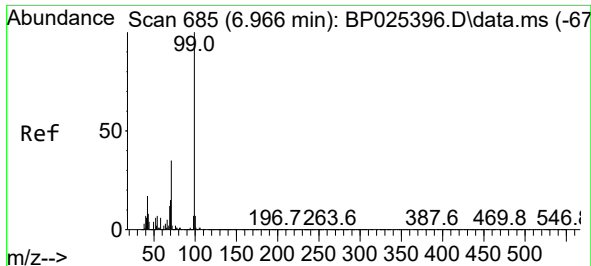
Tgt Ion:152 Resp: 164036
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 63.3 48.5 72.7



#5
2-Fluorophenol
Concen: 84.909 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

Tgt Ion:112 Resp: 838689
Ion Ratio Lower Upper
112 100
64 57.9 43.8 65.8
63 31.0 22.7 34.1

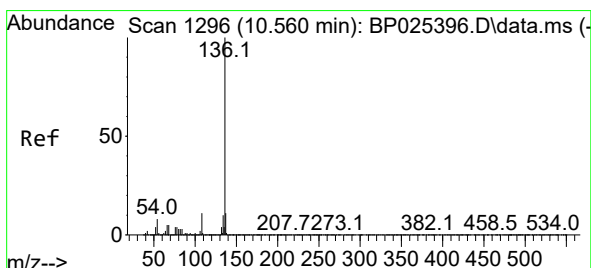
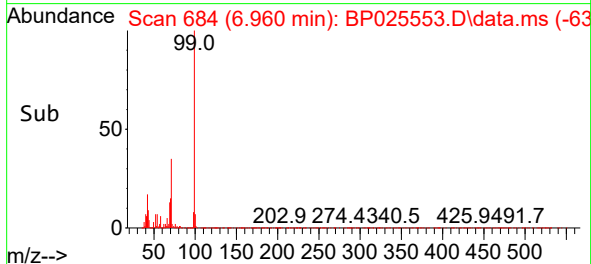
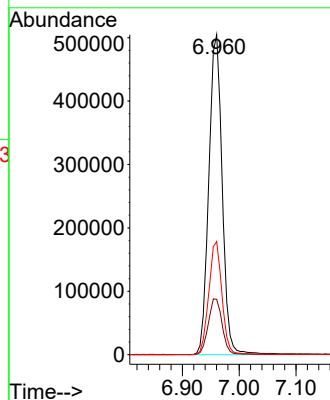
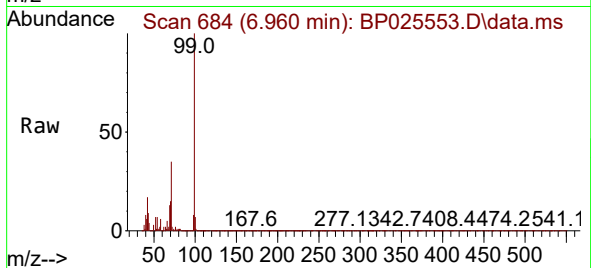




#7
Phenol-d6
Concen: 65.021 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

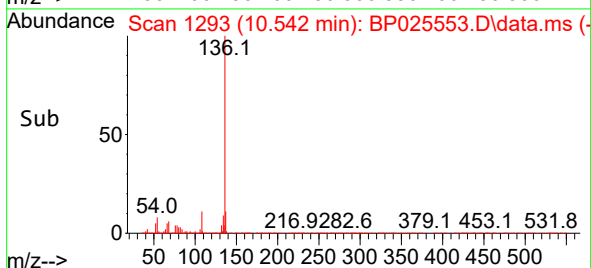
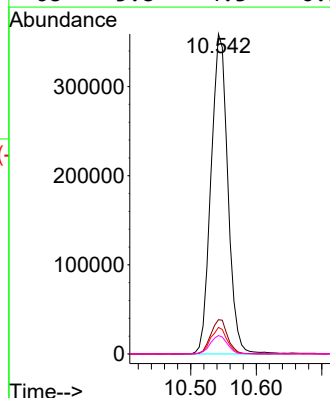
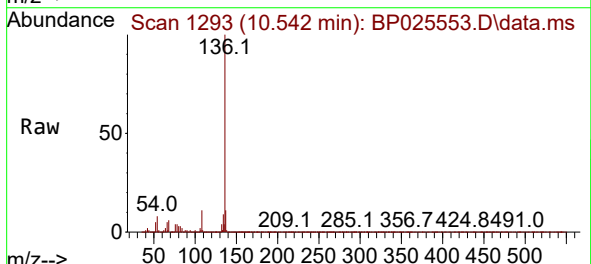
Instrument :
BNA_P
ClientSampleId :
ENV-SW01

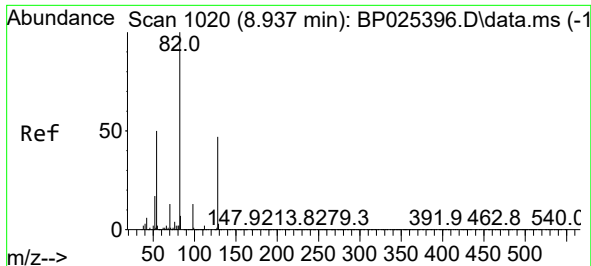
Tgt Ion: 99 Resp: 823417
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

Tgt Ion: 136 Resp: 640301
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.3 6.0 9.0
68 5.8 4.3 6.5

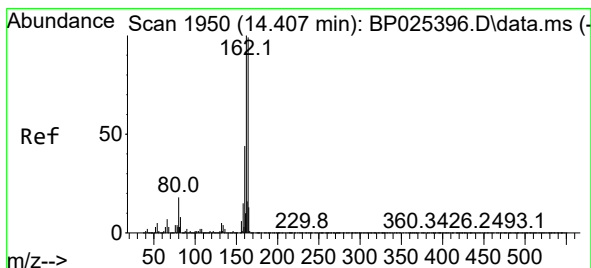
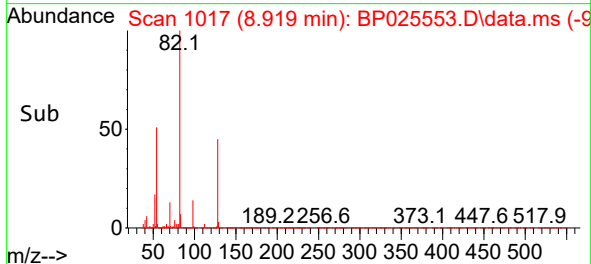
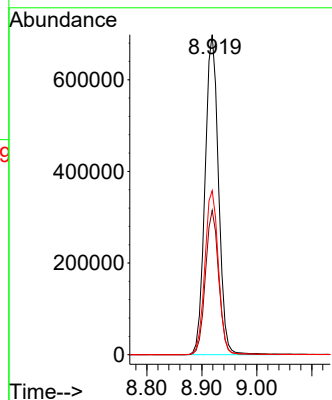
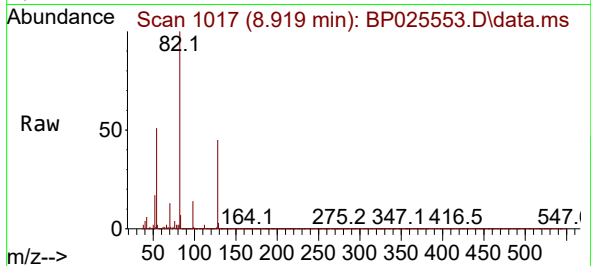




#23
Nitrobenzene-d5
Concen: 93.899 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

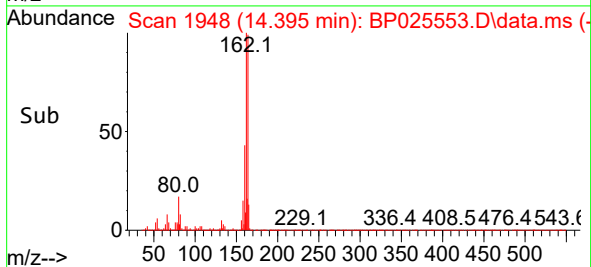
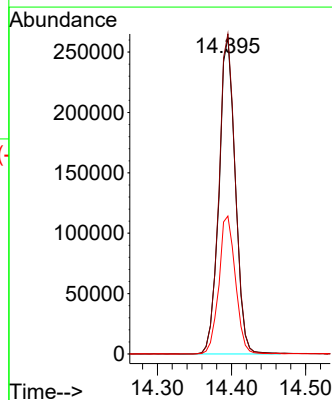
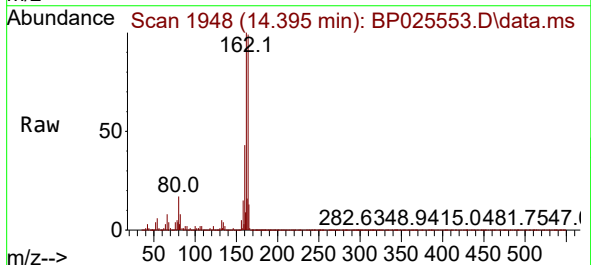
Instrument :
BNA_P
ClientSampleId :
ENV-SW01

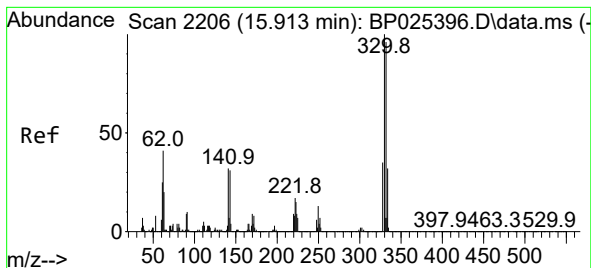
Tgt Ion: 82 Resp: 1188559
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 51.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

Tgt Ion:164 Resp: 399889
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 153.548 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025553.D

Acq: 22 Aug 2025 17:39

Instrument :

BNA_P

ClientSampleId :

ENV-SW01

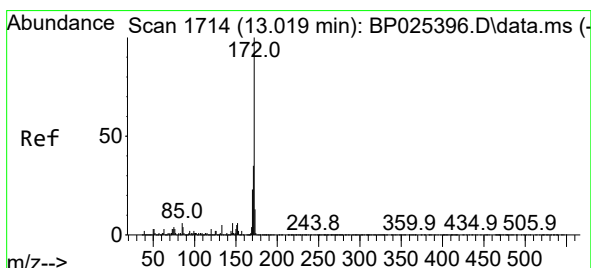
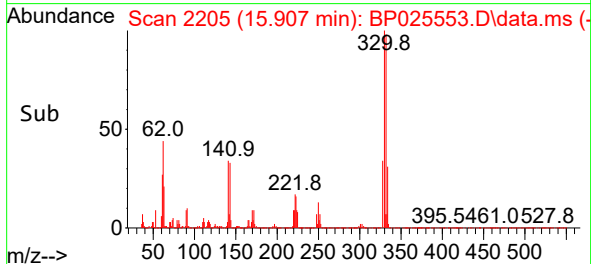
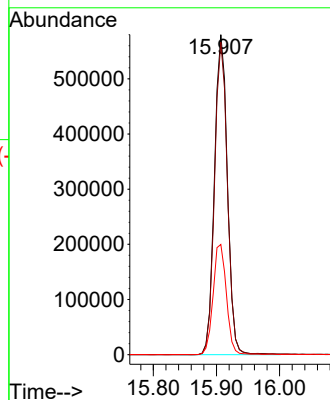
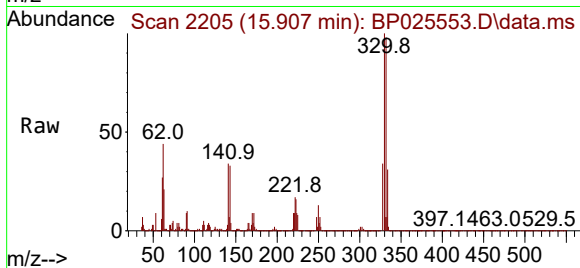
Tgt Ion:330 Resp: 826479

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 35.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 88.112 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025553.D

Acq: 22 Aug 2025 17:39

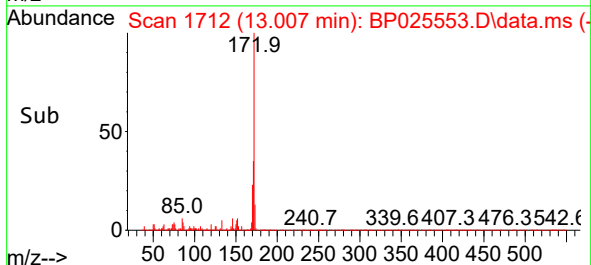
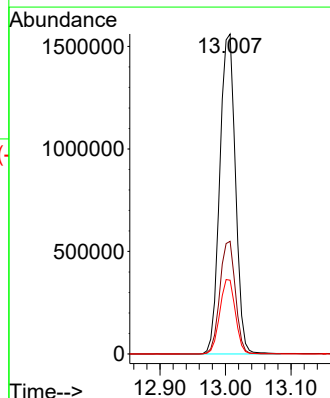
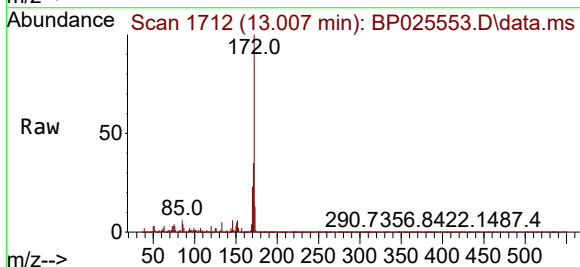
Tgt Ion:172 Resp: 2578138

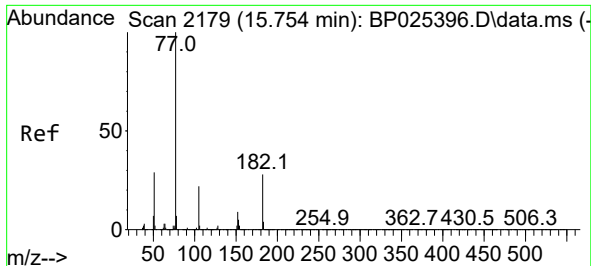
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.0 18.6 28.0

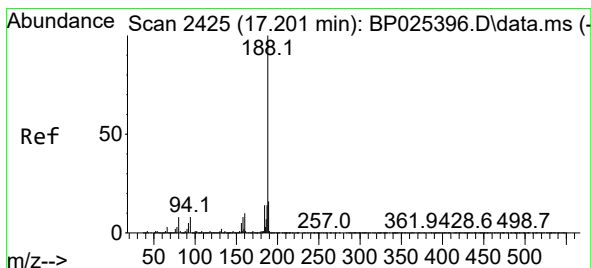
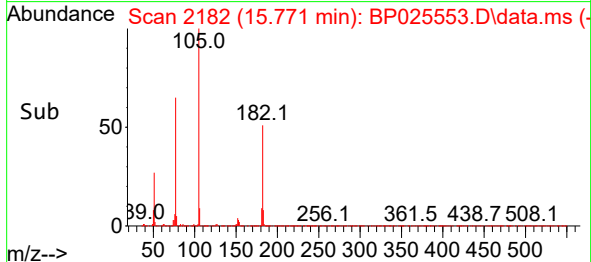
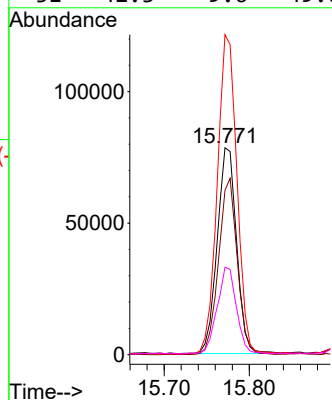
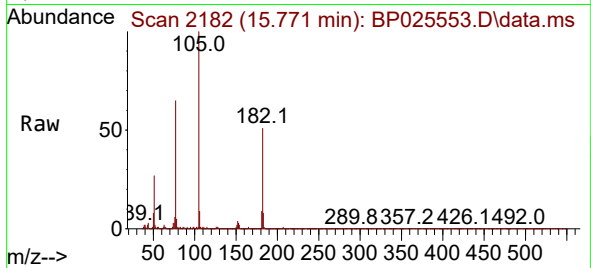




#63
Azobenzene
Concen: 4.872 ng
RT: 15.771 min Scan# 2179
Delta R.T. 0.017 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

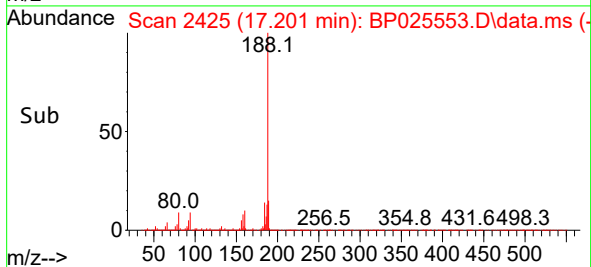
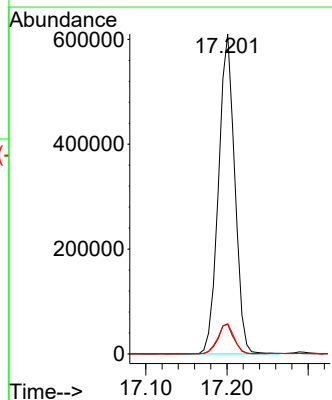
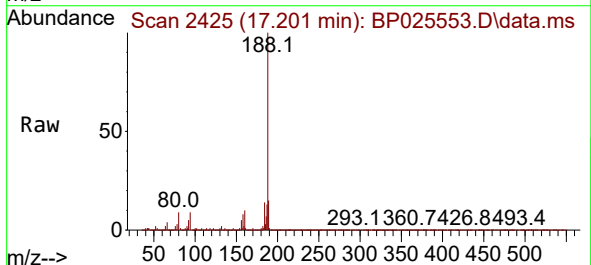
Instrument :
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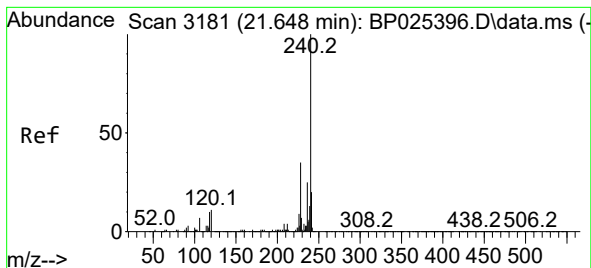
Tgt Ion: 77 Resp: 124127
Ion Ratio Lower Upper
77 100
182 79.5 7.5 47.5#
105 154.6 2.1 42.1#
51 42.3 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

Tgt Ion: 188 Resp: 848268
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.4 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025553.D

Acq: 22 Aug 2025 17:39

Instrument :

BNA_P

ClientSampleId :

ENV-SW01

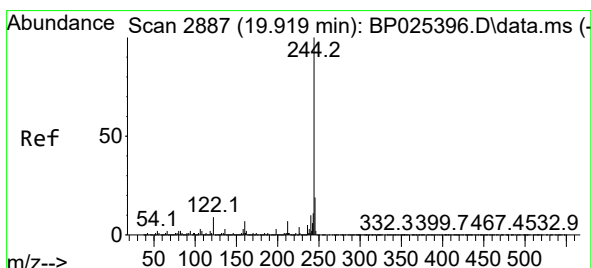
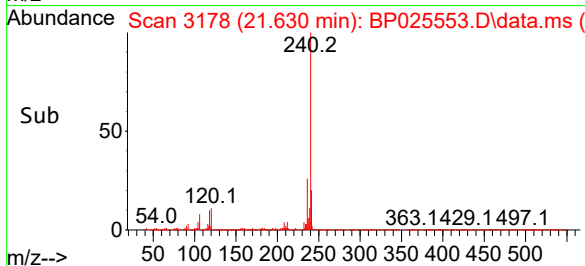
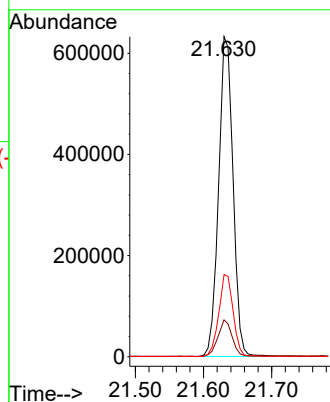
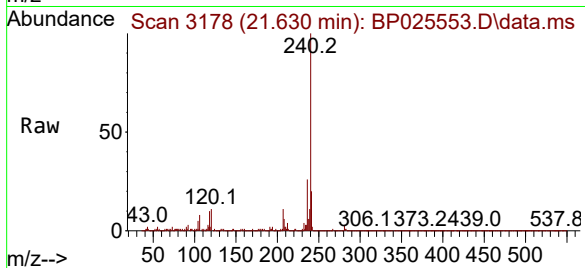
Tgt Ion:240 Resp: 933136

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 80.796 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.012 min

Lab File: BP025553.D

Acq: 22 Aug 2025 17:39

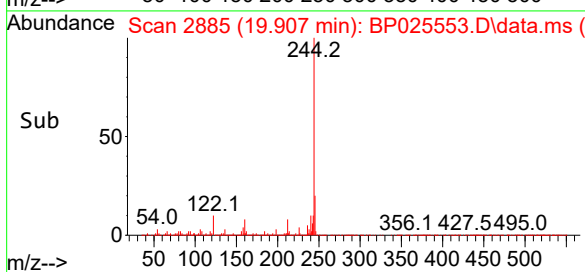
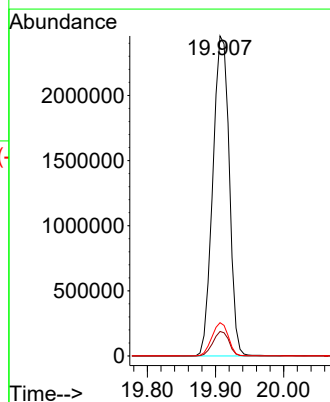
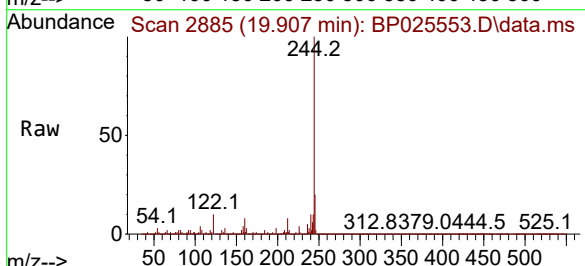
Tgt Ion:244 Resp: 4120848

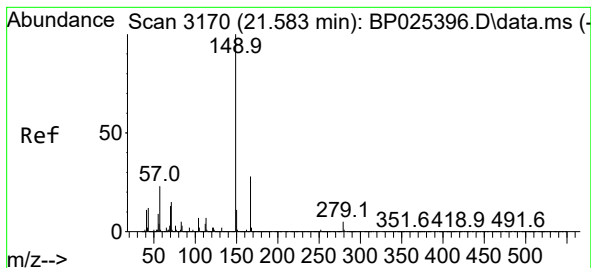
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 10.4 7.4 11.2

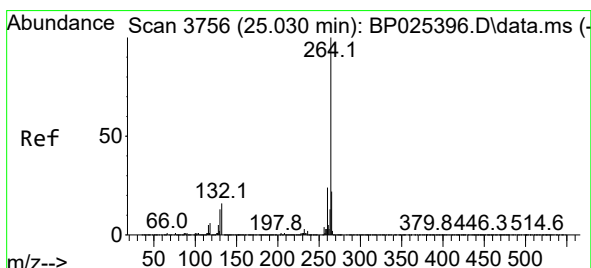
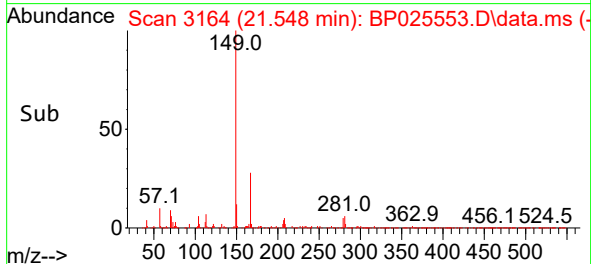
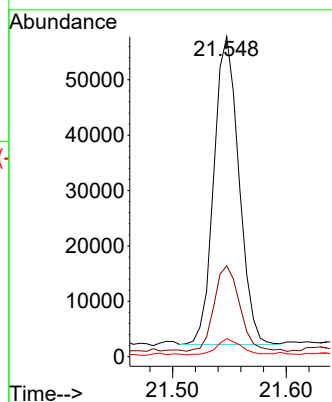
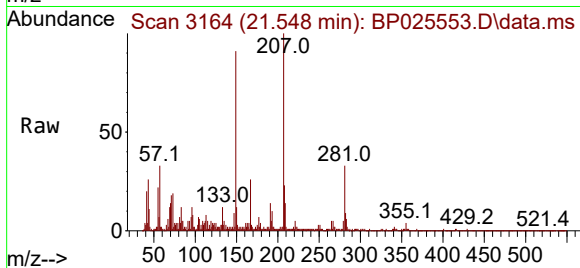




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.100 ng
RT: 21.548 min Scan# 3170
Delta R.T. -0.036 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

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Tgt Ion:149 Resp: 84965
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 5.7 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3751
Delta R.T. -0.030 min
Lab File: BP025553.D
Acq: 22 Aug 2025 17:39

Tgt Ion:264 Resp: 1075182
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.8 17.4 26.0

