

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025555.D
 Acq On : 22 Aug 2025 19:02
 Operator : CG/JU
 Sample : Q2934-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ENV-SW03

Quant Time: Aug 25 01:19:20 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)

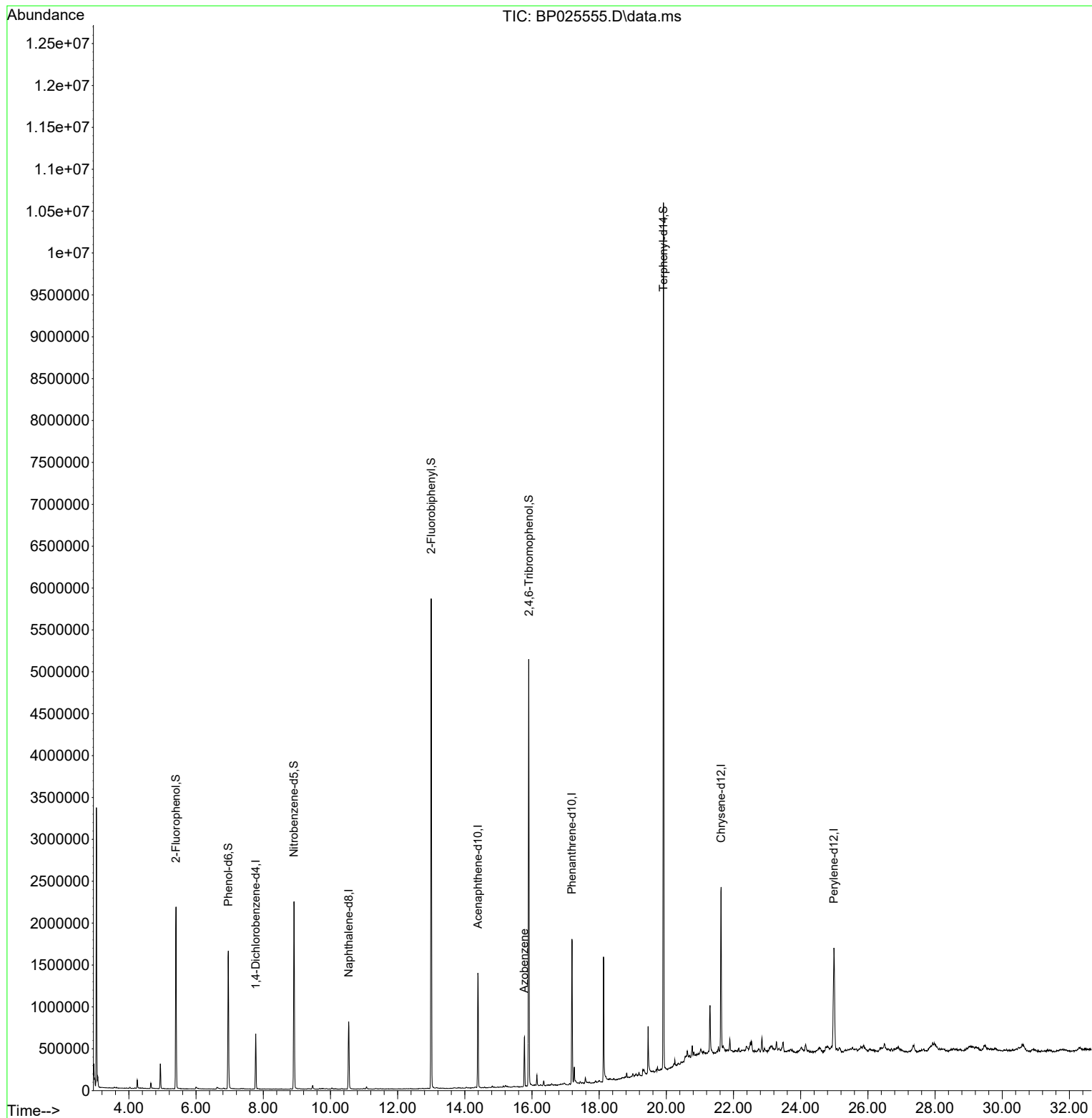
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	170537	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	719655	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	487572	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	1036598	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	1087225	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1183123	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	919717	89.563	ng	0.00
7) Phenol-d6	6.960	99	953264	72.405	ng	0.00
23) Nitrobenzene-d5	8.913	82	1281998	90.113	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	993021	151.311	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2852203	79.948	ng	-0.02
79) Terphenyl-d14	19.913	244	5090800	85.668	ng	0.00
Target Compounds						
63) Azobenzene	15.772	77	172948	5.567	ng	Qvalue # 1

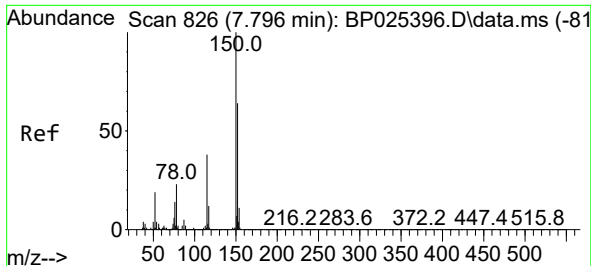
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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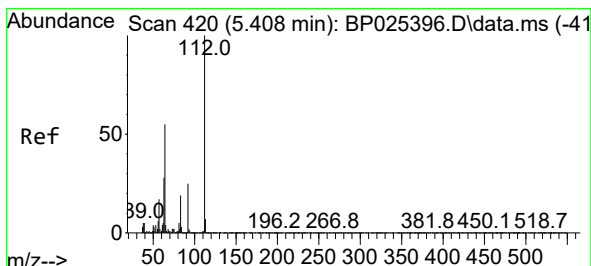
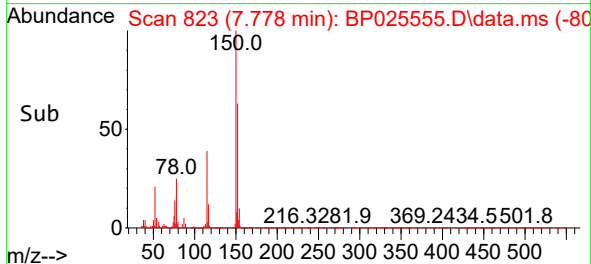
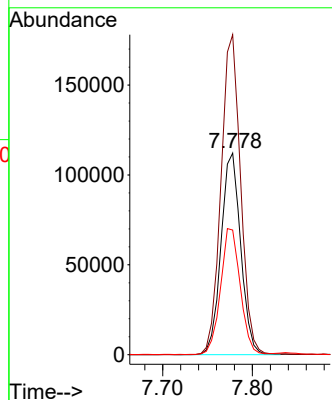
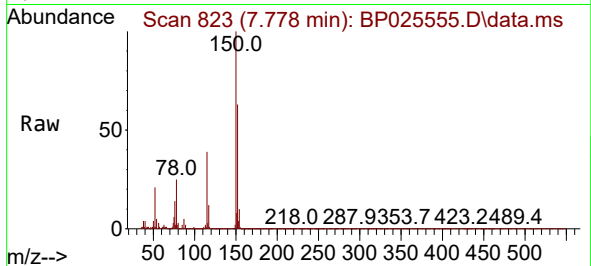




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

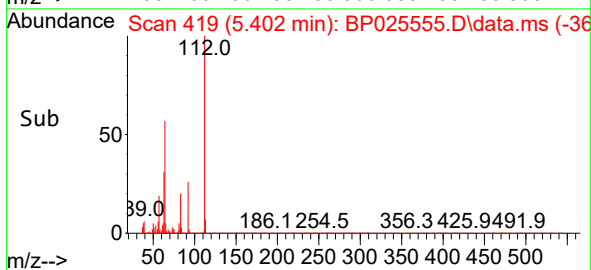
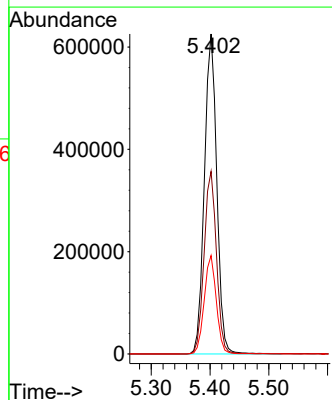
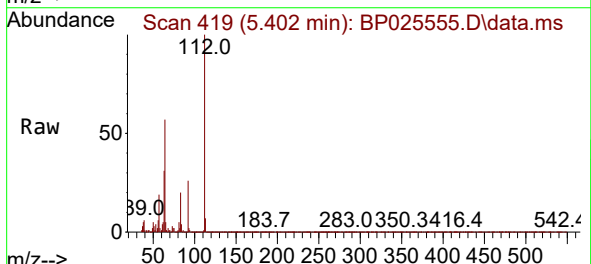
Instrument :
BNA_P
ClientSampleId :
ENV-SW03

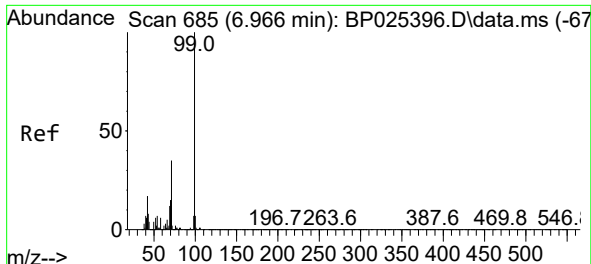
Tgt Ion:152 Resp: 170537
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 89.563 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

Tgt Ion:112 Resp: 919717
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 30.7 22.7 34.1

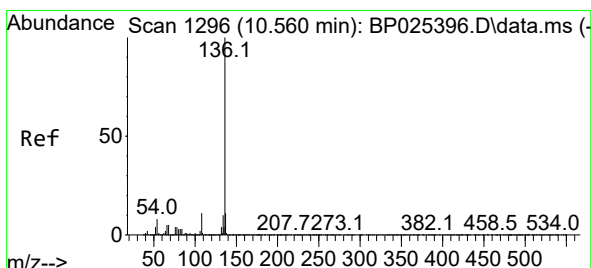
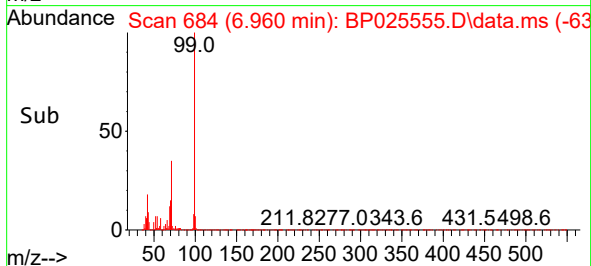
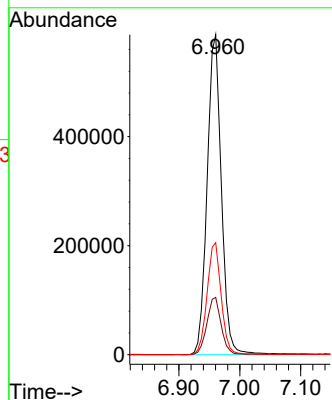
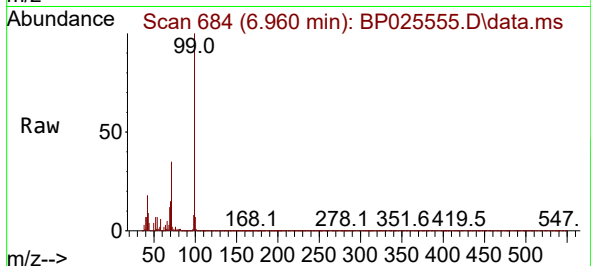




#7
Phenol-d6
Concen: 72.405 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

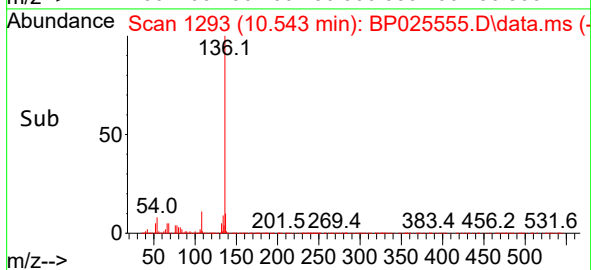
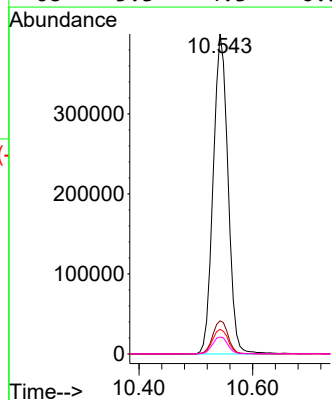
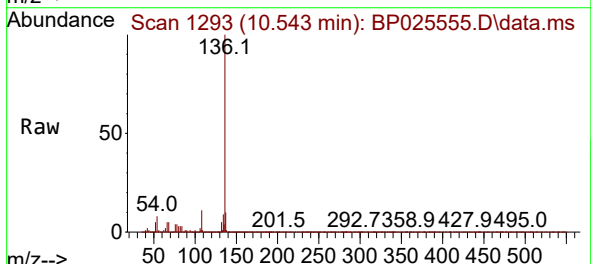
Instrument :
BNA_P
ClientSampleId :
ENV-SW03

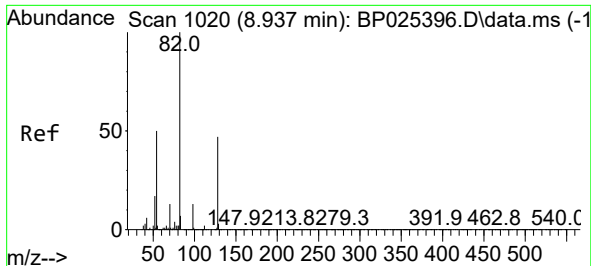
Tgt Ion: 99 Resp: 953264
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 35.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

Tgt Ion: 136 Resp: 719655
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.7 6.0 9.0
68 5.3 4.3 6.5

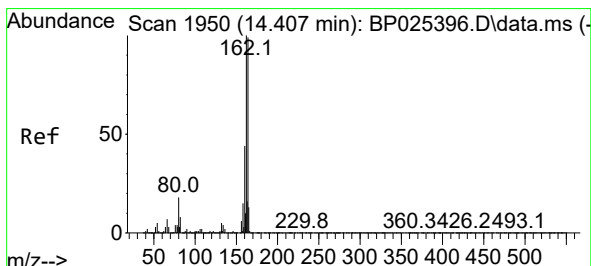
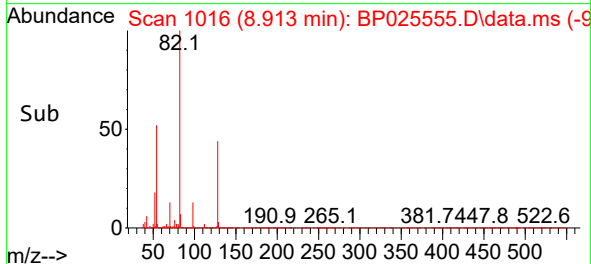
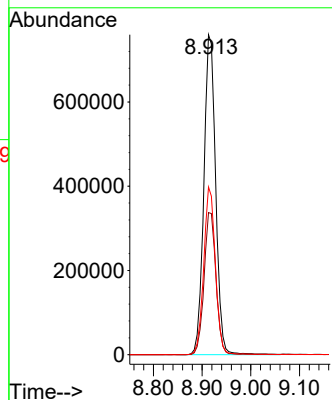
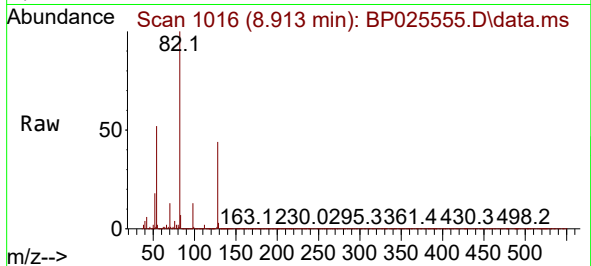




#23
Nitrobenzene-d5
Concen: 90.113 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

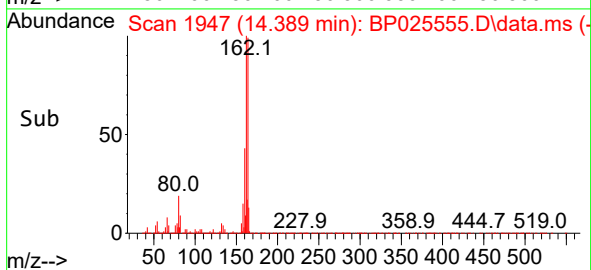
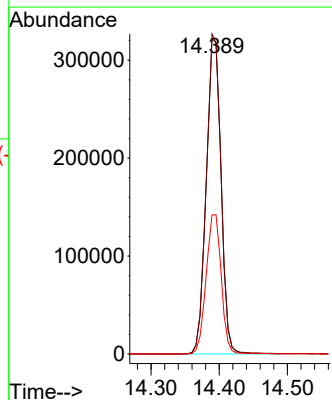
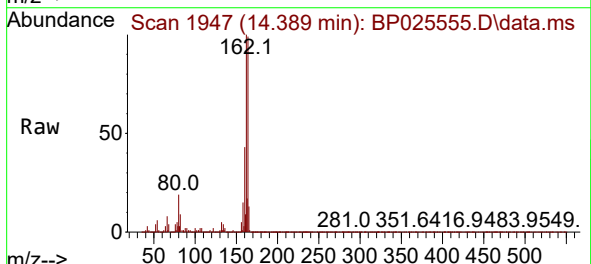
Instrument :
BNA_P
ClientSampleId :
ENV-SW03

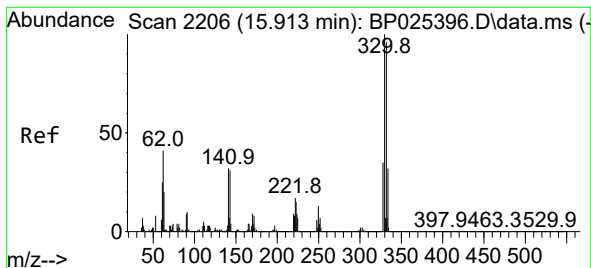
Tgt Ion: 82 Resp: 1281998
Ion Ratio Lower Upper
82 100
128 44.4 37.7 56.5
54 52.4 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

Tgt Ion: 164 Resp: 487572
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 44.1 35.4 53.2

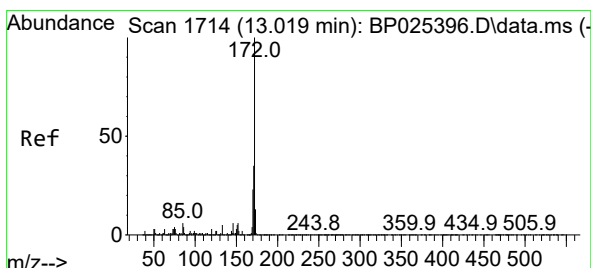
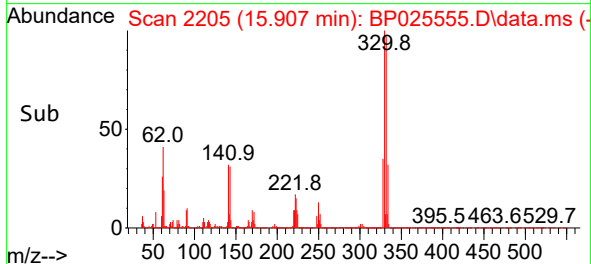
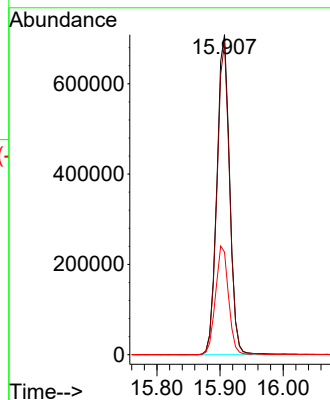
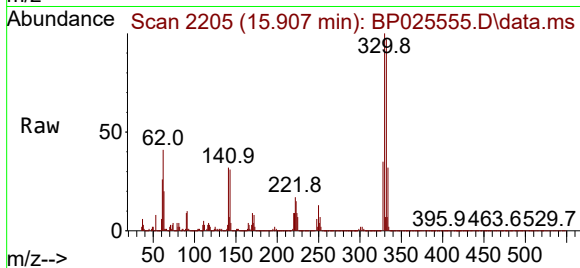




#42
2,4,6-Tribromophenol
Concen: 151.311 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

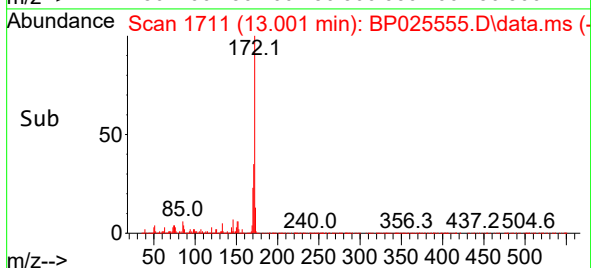
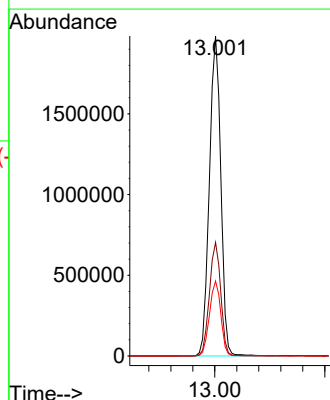
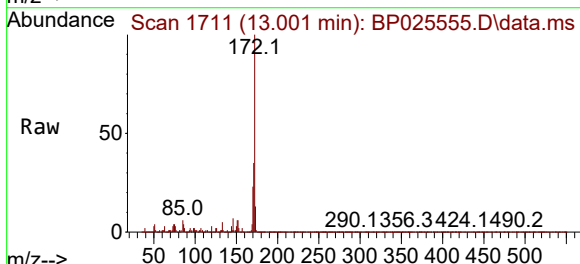
Instrument :
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ClientSampleId :
ENV-SW03

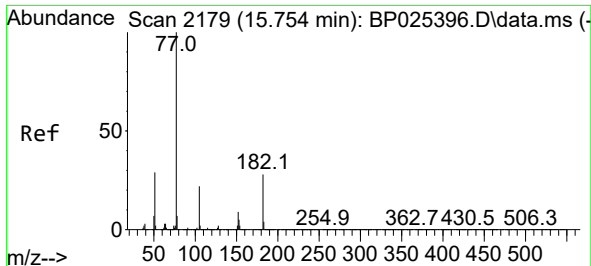
Tgt Ion:330 Resp: 993021
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 34.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 79.948 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

Tgt Ion:172 Resp: 2852203
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 18.6 28.0

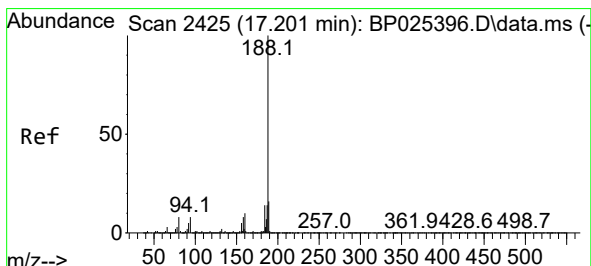
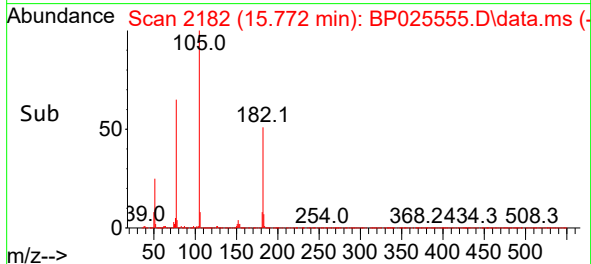
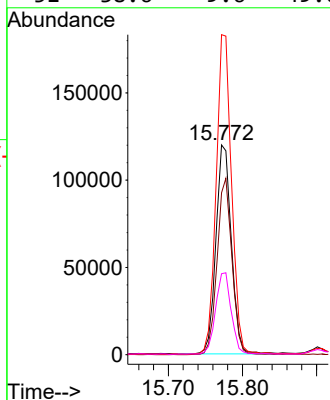
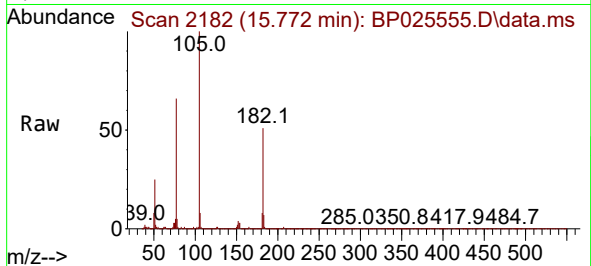




#63
Azobenzene
Concen: 5.567 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

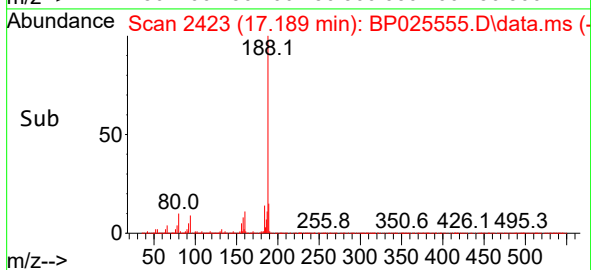
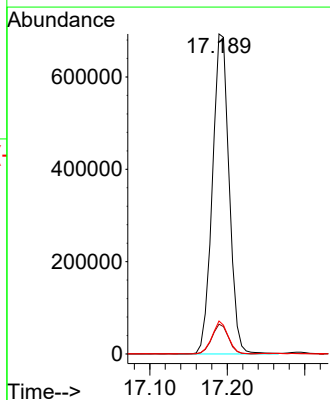
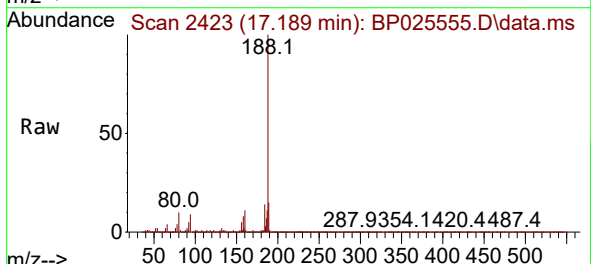
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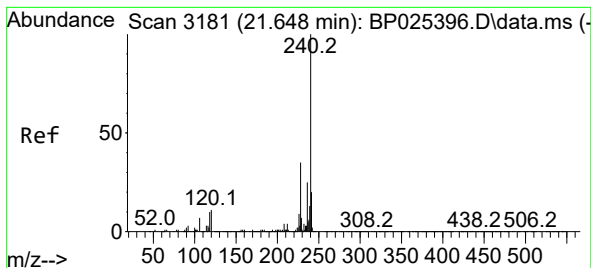
Tgt Ion: 77 Resp: 172948
Ion Ratio Lower Upper
77 100
182 77.2 7.5 47.5#
105 152.6 2.1 42.1#
51 38.6 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025555.D
Acq: 22 Aug 2025 19:02

Tgt Ion:188 Resp: 1036598
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 10.3 6.7 10.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BP025555.D

Acq: 22 Aug 2025 19:02

Instrument :

BNA_P

ClientSampleId :

ENV-SW03

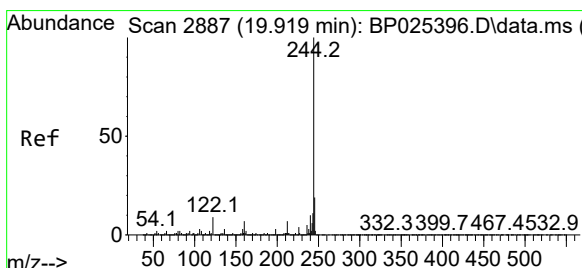
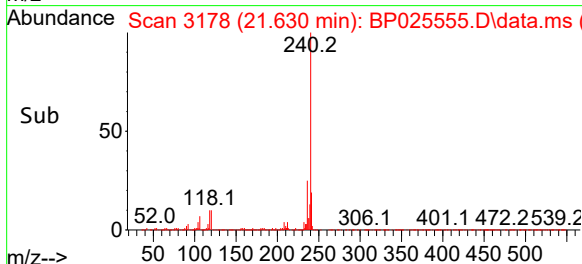
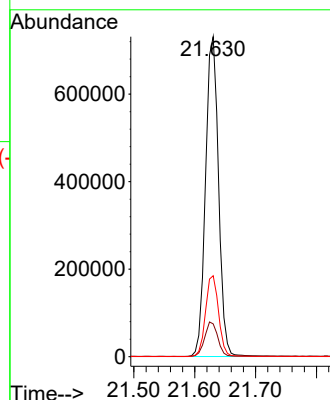
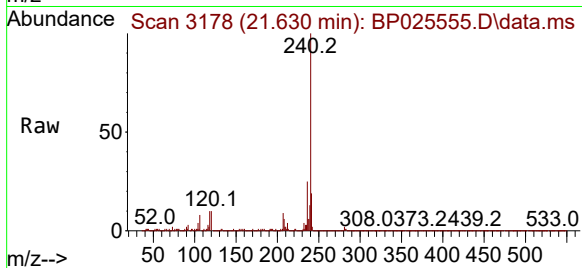
Tgt Ion:240 Resp: 1087225

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.3 19.8 29.8



#79

Terphenyl-d14

Concen: 85.668 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025555.D

Acq: 22 Aug 2025 19:02

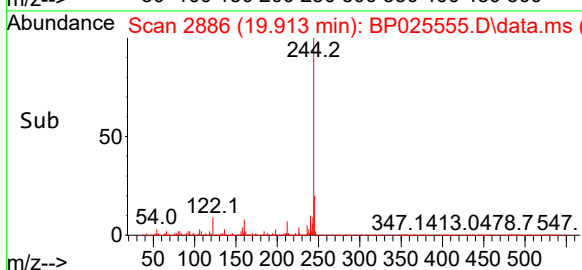
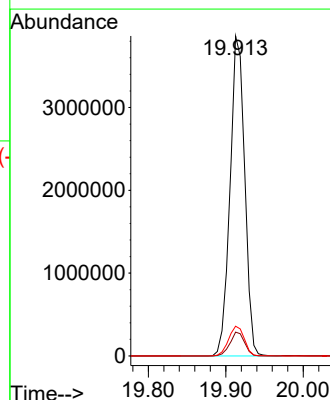
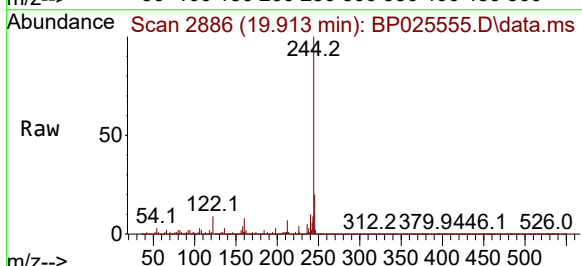
Tgt Ion:244 Resp: 5090800

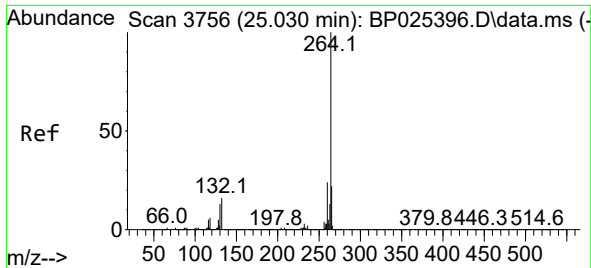
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.3 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 31
 Delta R.T. -0.041 min
 Lab File: BP025555.D
 Acq: 22 Aug 2025 19:02

Instrument :
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Tgt Ion:264 Resp: 1183123
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.6 17.4 26.0

