

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025556.D
 Acq On : 22 Aug 2025 19:43
 Operator : CG/JU
 Sample : Q2934-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ENV-SW04

Quant Time: Aug 25 01:19:36 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)

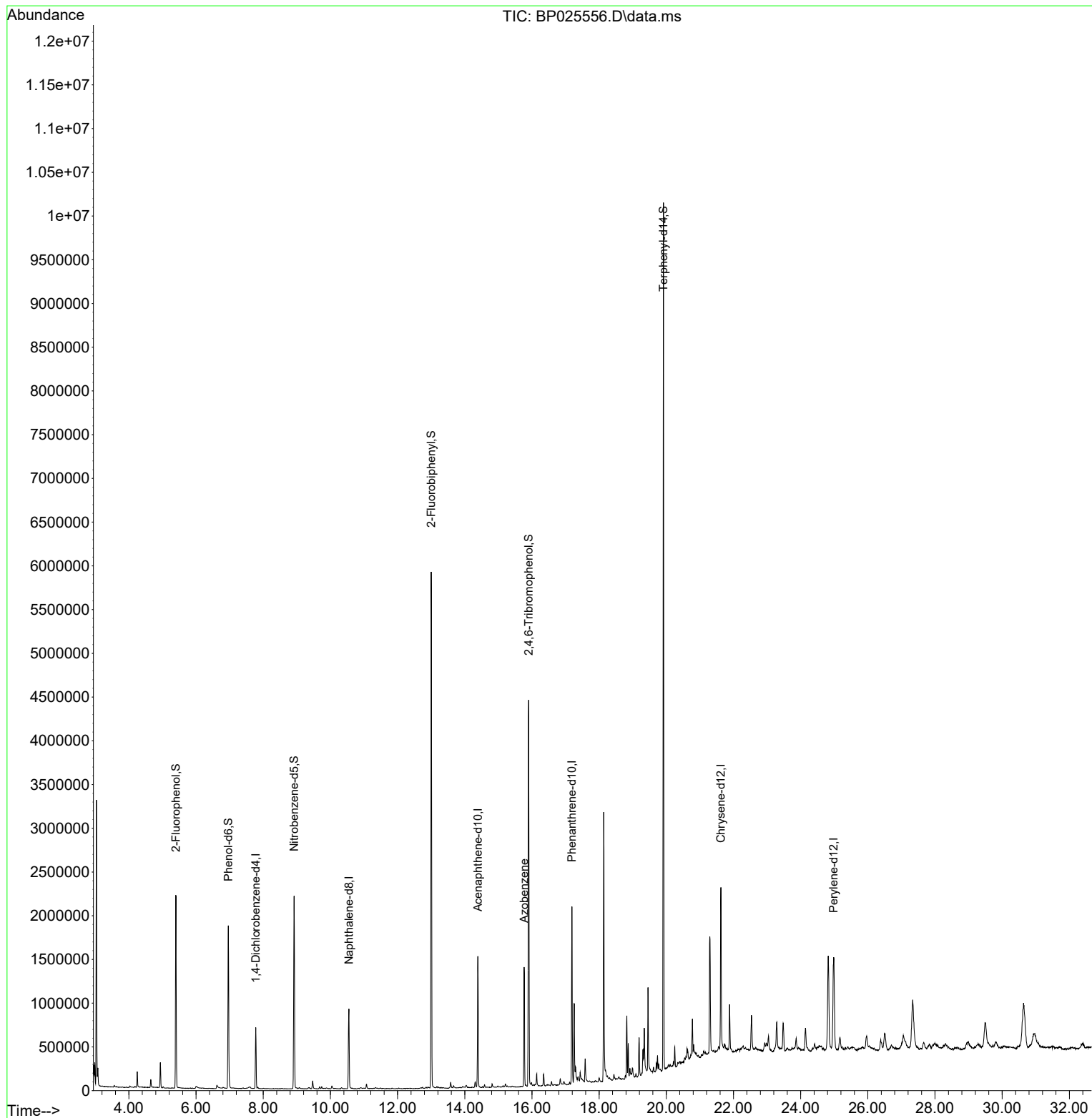
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	193608	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	812188	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	530149	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	1097906	20.000	ng	-0.01
76) Chrysene-d12	21.624	240	1088352	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1208913	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	968050	83.036	ng	0.00
7) Phenol-d6	6.960	99	1078216	72.137	ng	0.00
23) Nitrobenzene-d5	8.919	82	1297900	80.837	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	951215	133.301	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	2894400	74.615	ng	-0.02
79) Terphenyl-d14	19.913	244	4468794	75.123	ng	0.00
Target Compounds						
63) Azobenzene	15.766	77	373021	11.044	ng	Qvalue # 1

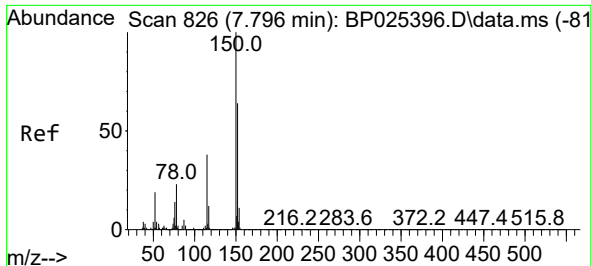
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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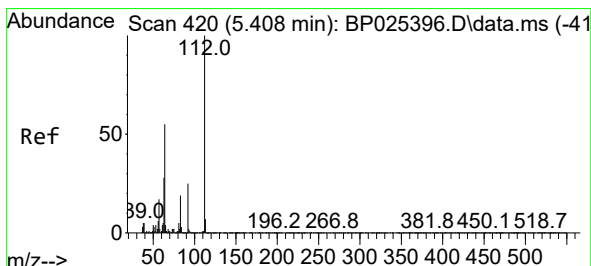
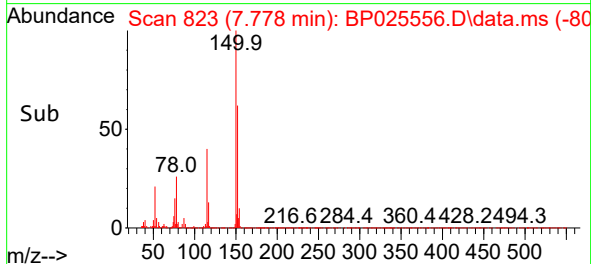
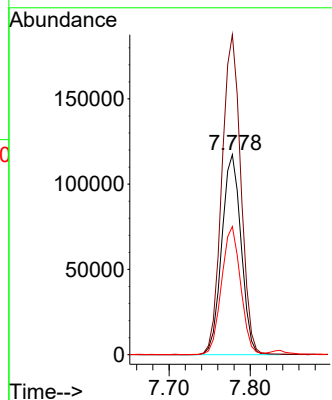
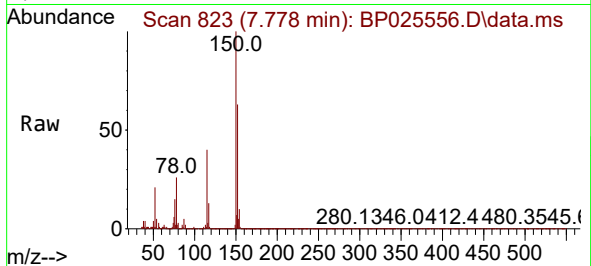




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

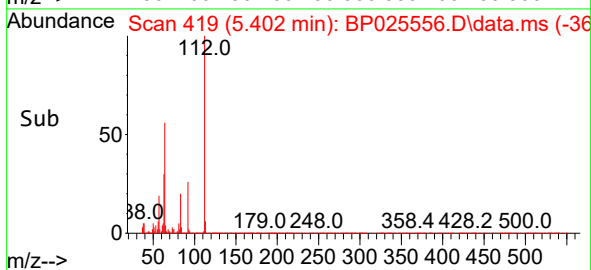
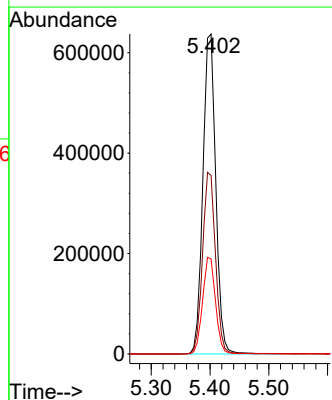
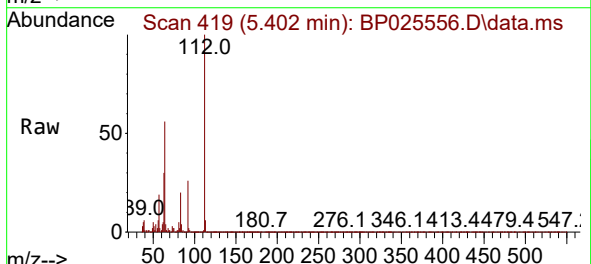
Instrument :
BNA_P
ClientSampleId :
ENV-SW04

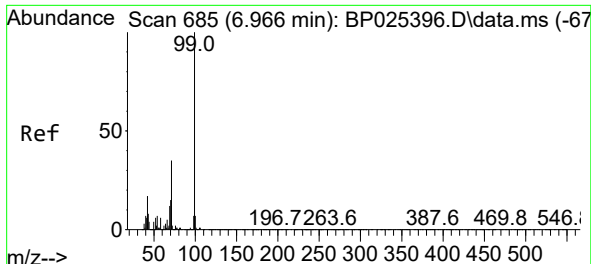
Tgt Ion:152 Resp: 193608
Ion Ratio Lower Upper
152 100
150 160.0 125.9 188.9
115 64.1 48.5 72.7



#5
2-Fluorophenol
Concen: 83.036 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

Tgt Ion:112 Resp: 968050
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.8
63 29.7 22.7 34.1

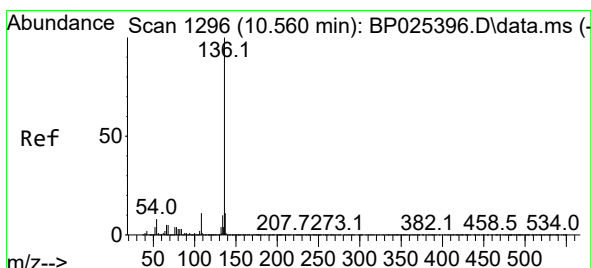
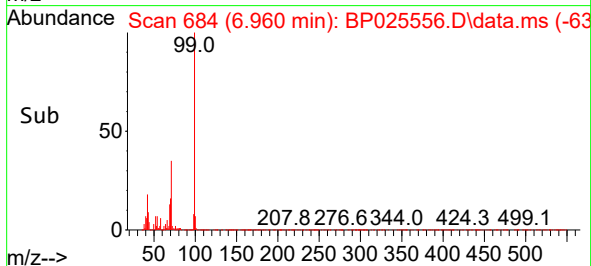
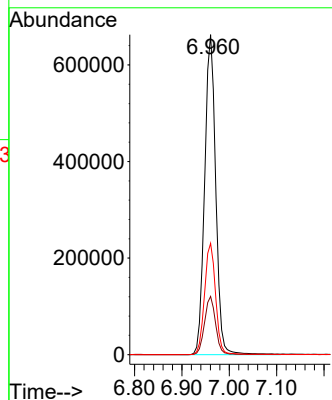
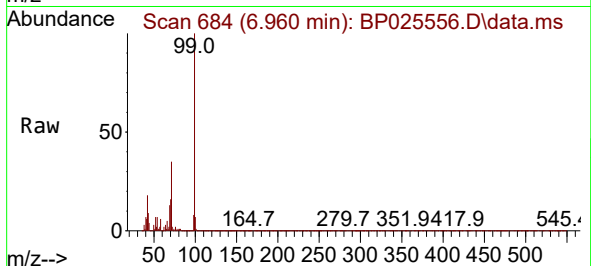




#7
Phenol-d6
Concen: 72.137 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

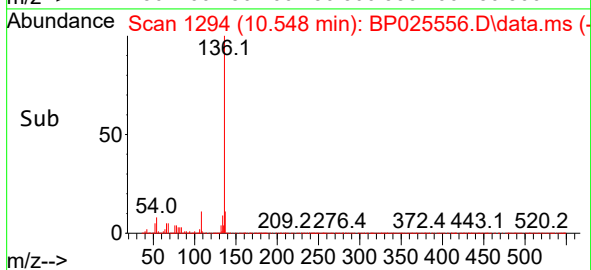
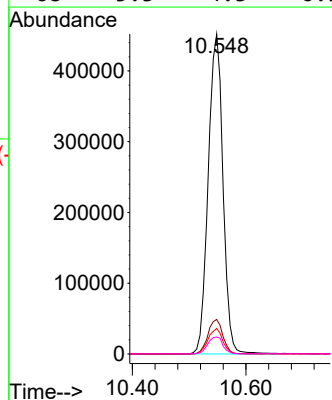
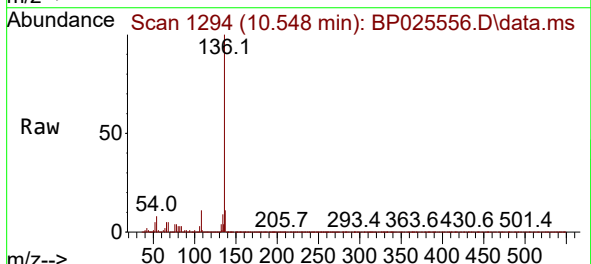
Instrument :
BNA_P
ClientSampleId :
ENV-SW04

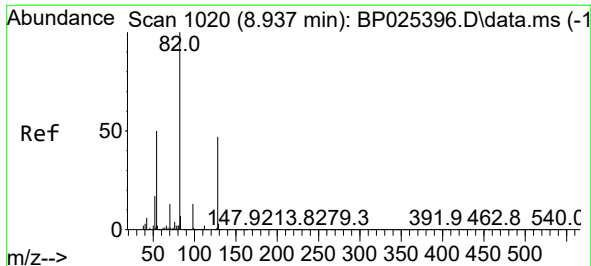
Tgt Ion: 99 Resp: 1078216
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 34.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

Tgt Ion:136 Resp: 812188
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.9 6.0 9.0
68 5.3 4.3 6.5

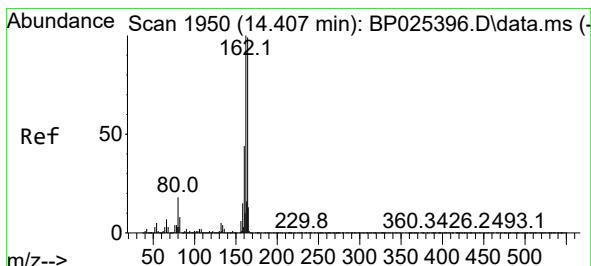
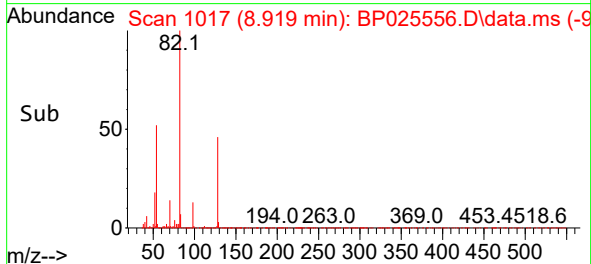
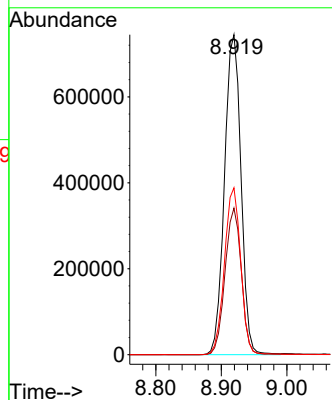
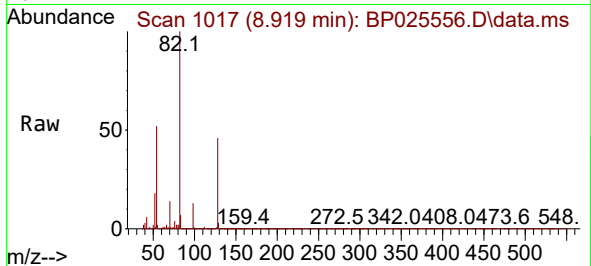




#23
Nitrobenzene-d5
Concen: 80.837 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

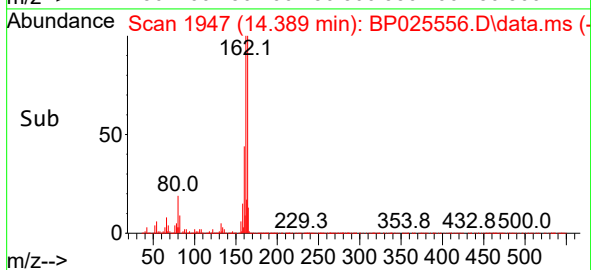
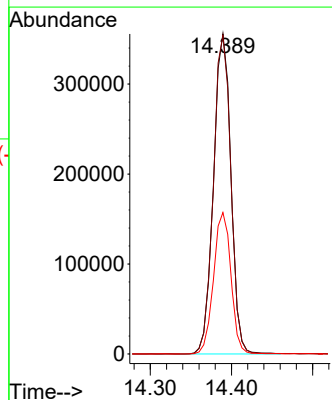
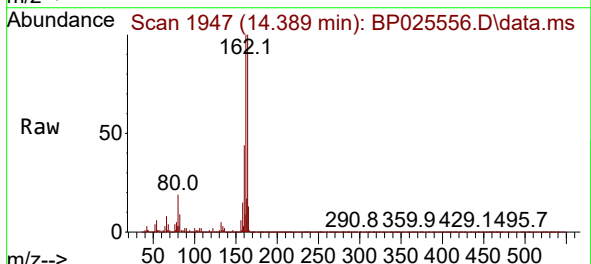
Instrument :
BNA_P
ClientSampleId :
ENV-SW04

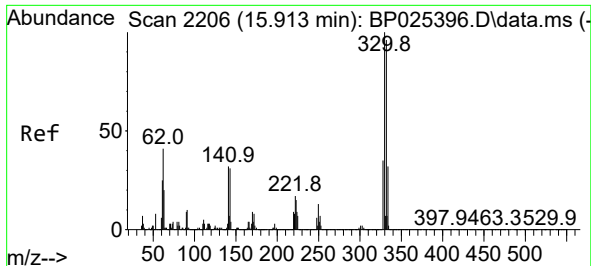
Tgt Ion: 82 Resp: 1297900
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 52.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

Tgt Ion:164 Resp: 530149
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.6
160 44.2 35.4 53.2

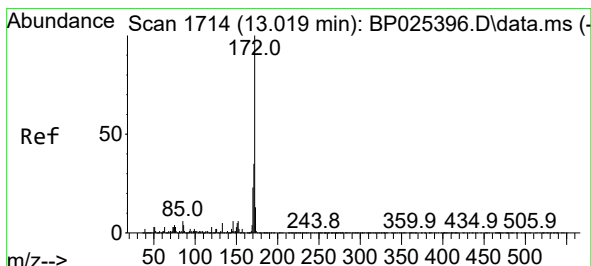
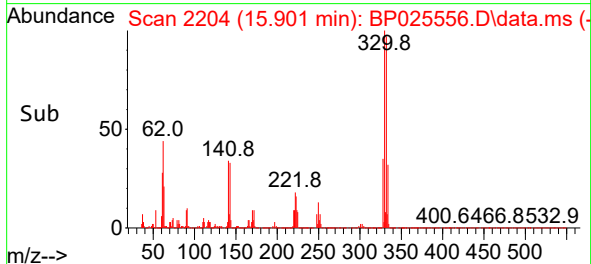
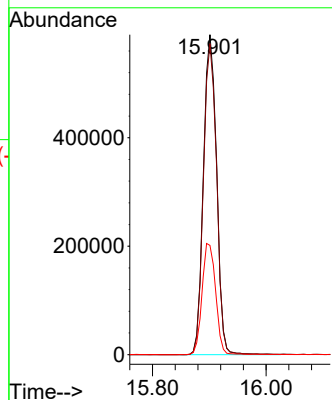
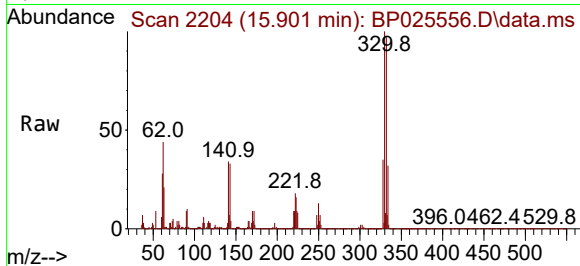




#42
2,4,6-Tribromophenol
Concen: 133.301 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

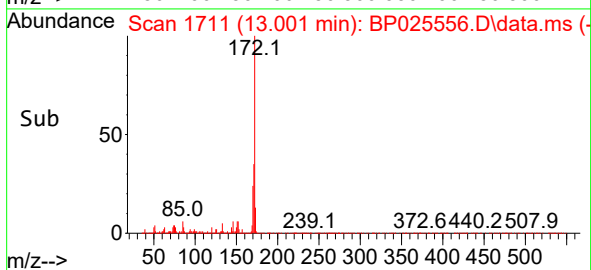
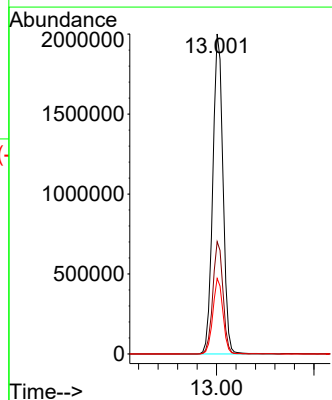
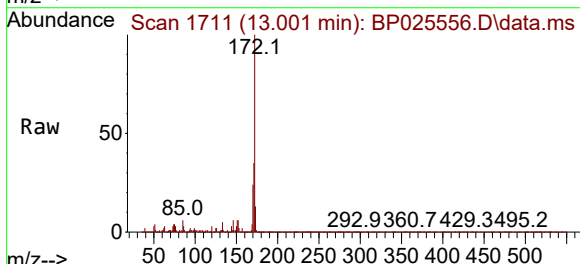
Instrument :
BNA_P
ClientSampleId :
ENV-SW04

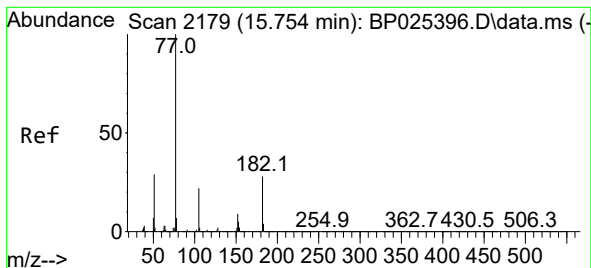
Tgt Ion:330 Resp: 951215
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 35.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 74.615 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025556.D
Acq: 22 Aug 2025 19:43

Tgt Ion:172 Resp: 2894400
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.6 18.6 28.0





#63

Azobenzene

Concen: 11.044 ng

RT: 15.766 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BP025556.D

Acq: 22 Aug 2025 19:43

Instrument :

BNA_P

ClientSampleId :

ENV-SW04

Tgt Ion: 77 Resp: 373021

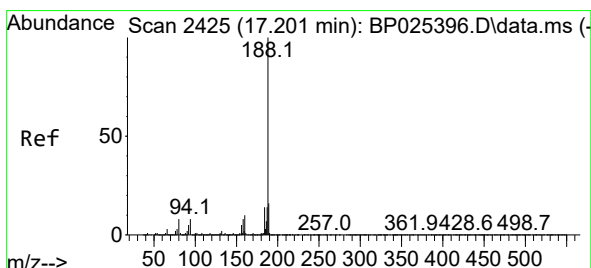
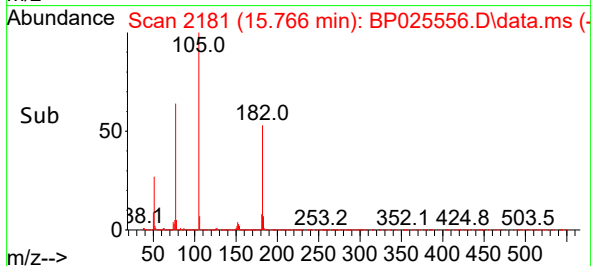
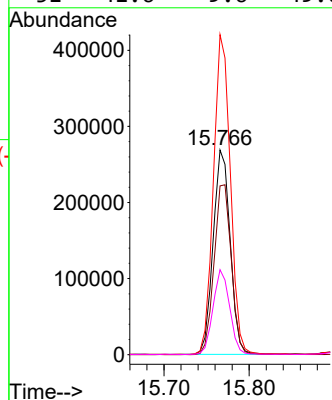
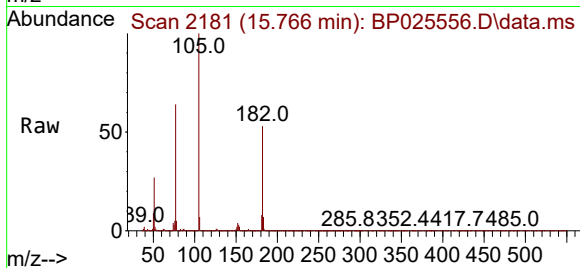
Ion Ratio Lower Upper

77 100

182 82.5 7.5 47.5#

105 156.4 2.1 42.1#

51 41.6 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: BP025556.D

Acq: 22 Aug 2025 19:43

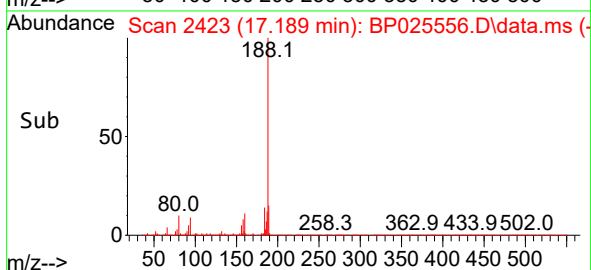
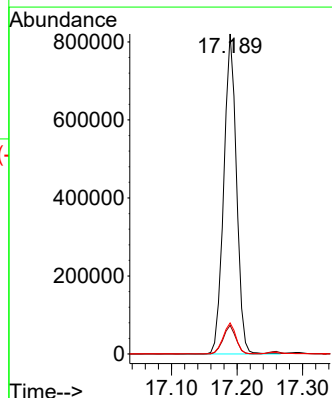
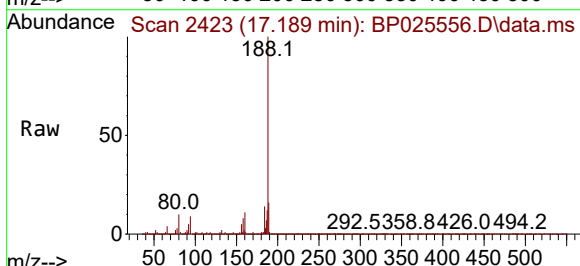
Tgt Ion:188 Resp: 1097906

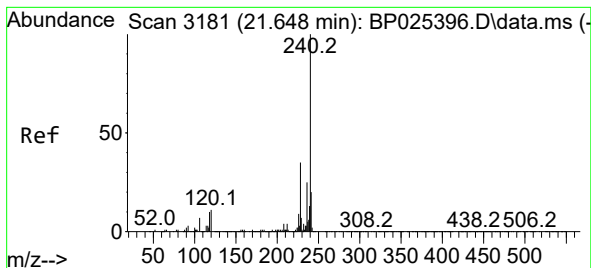
Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.7 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3181

Delta R.T. -0.024 min

Lab File: BP025556.D

Acq: 22 Aug 2025 19:43

Instrument :

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ENV-SW04

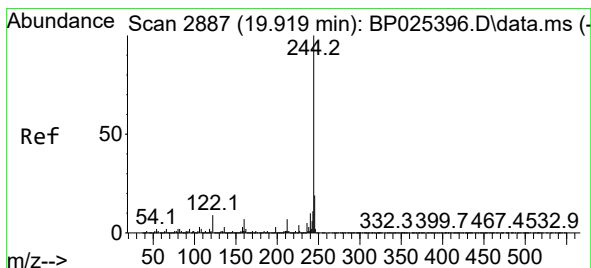
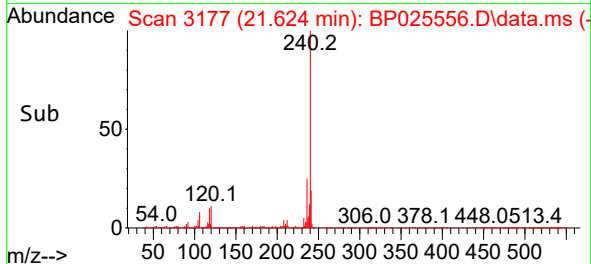
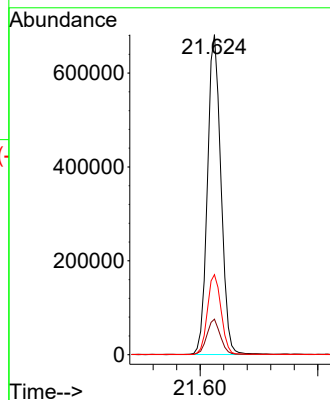
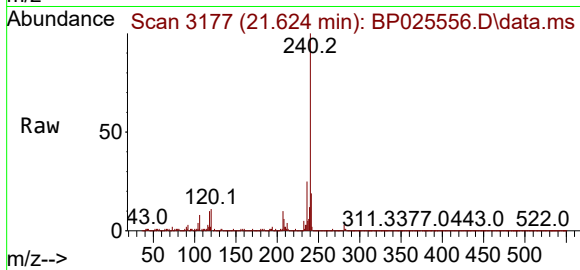
Tgt Ion:240 Resp: 1088352

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 75.123 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025556.D

Acq: 22 Aug 2025 19:43

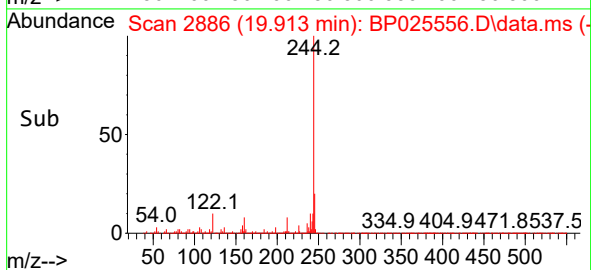
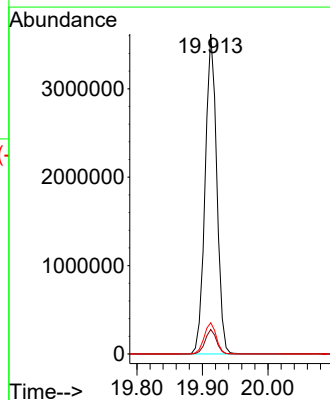
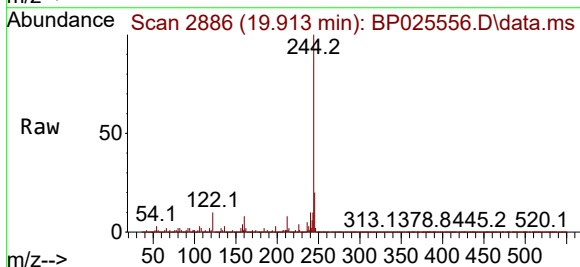
Tgt Ion:244 Resp: 4468794

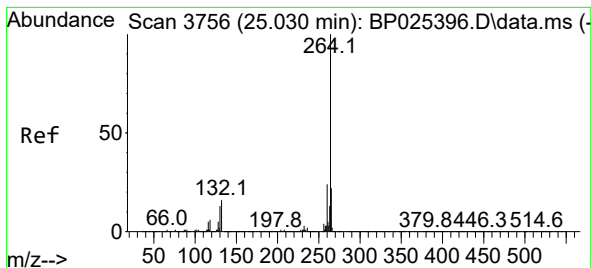
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.8 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP025556.D

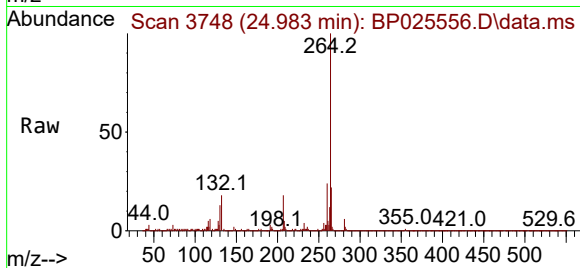
Acq: 22 Aug 2025 19:43

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Tgt Ion:264 Resp: 1208913

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.2 17.4 26.0

