

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025605.D
 Acq On : 27 Aug 2025 16:22
 Operator : CG/JU
 Sample : Q2936-02DL2 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-19B-082125DL2

Quant Time: Aug 27 16:43:49 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)

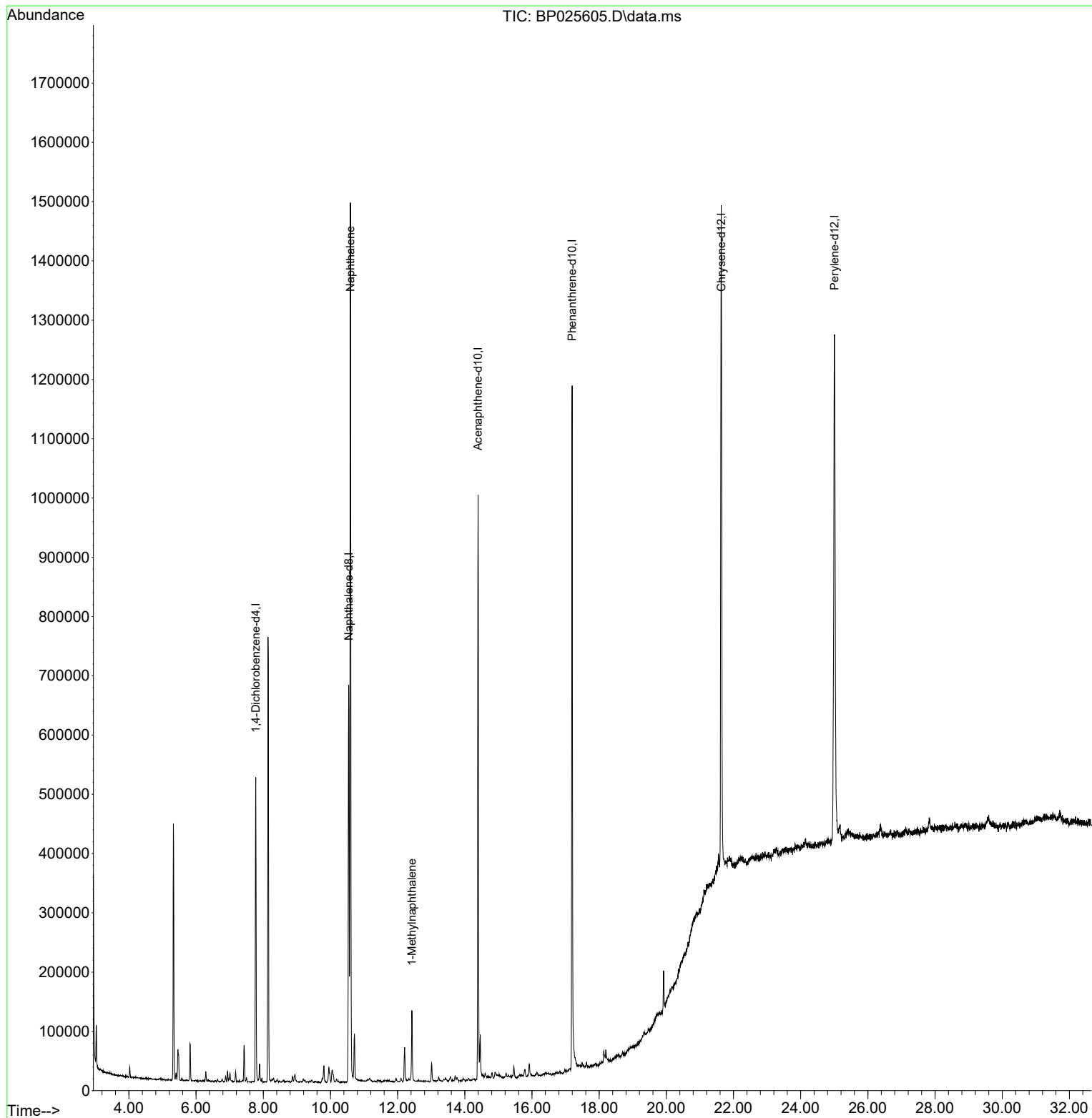
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	149853	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	592770	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	367926	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	753908	20.000	ng	0.00
76) Chrysene-d12	21.636	240	896138	20.000	ng	-0.01
86) Perylene-d12	25.006	264	1046661	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	5559	0.616	ng	0.00
7) Phenol-d6	6.984	99	3898	0.337	ng	0.02
23) Nitrobenzene-d5	8.931	82	7477	0.638	ng	0.00
42) 2,4,6-Tribromophenol	15.924	330	4838	0.977	ng	0.01
45) 2-Fluorobiphenyl	13.013	172	19402	0.721	ng	0.00
79) Terphenyl-d14	19.918	244	37091	0.757	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.595	128	1223585	39.714	ng	100
38) 1-Methylnaphthalene	12.425	142	59594	2.795	ng	98

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

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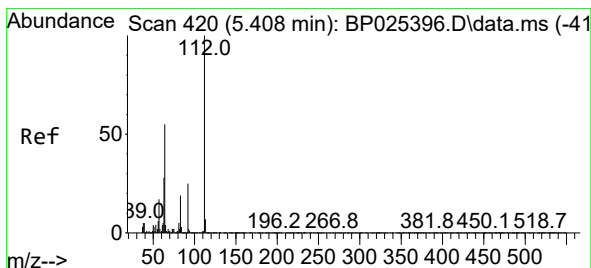
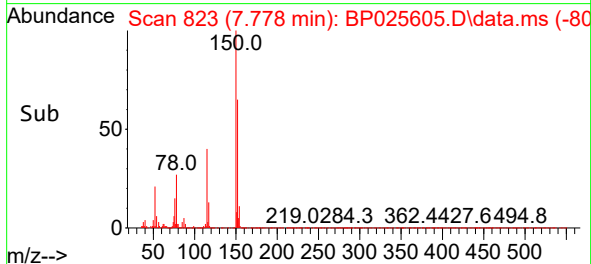
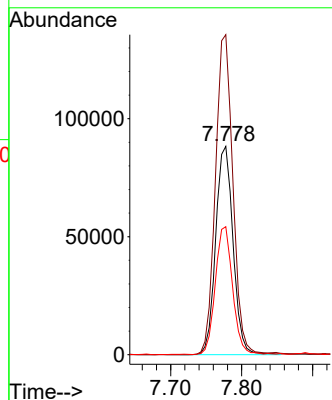
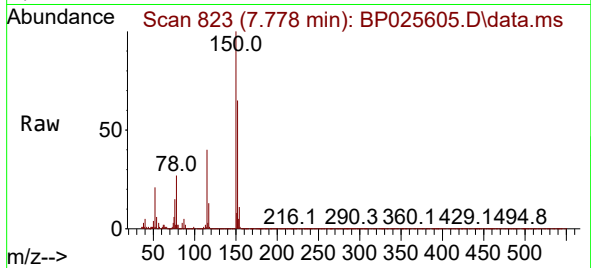




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

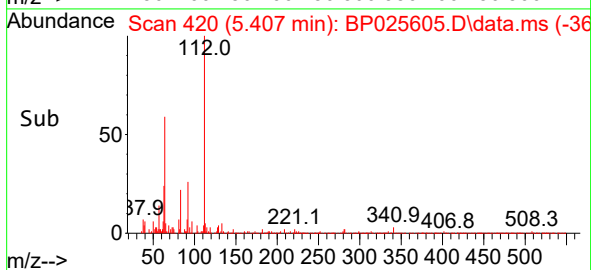
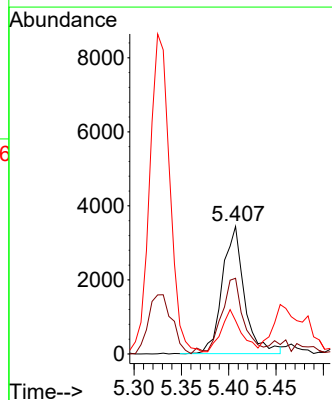
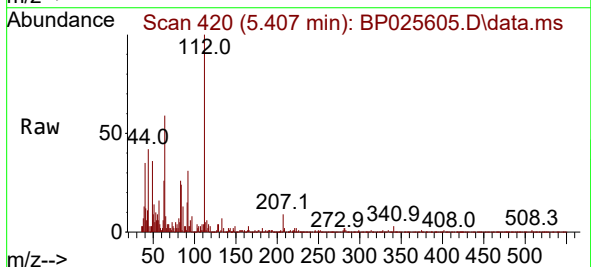
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

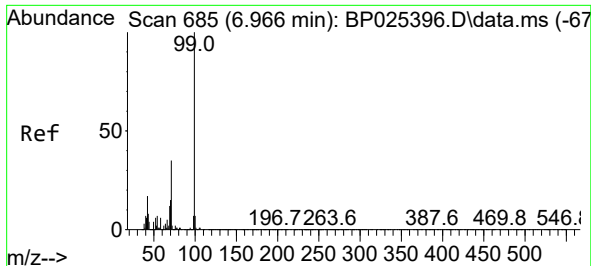
Tgt Ion:152 Resp: 149853
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 61.4 48.5 72.7



#5
2-Fluorophenol
Concen: 0.616 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:112 Resp: 5559
Ion Ratio Lower Upper
112 100
64 59.4 43.8 65.8
63 26.1 22.7 34.1

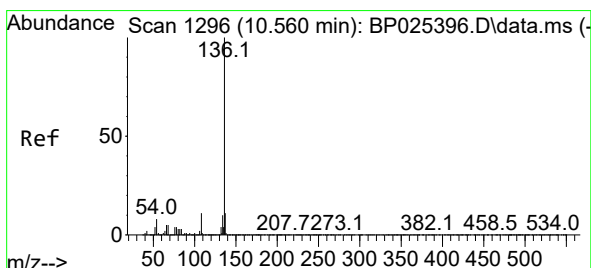
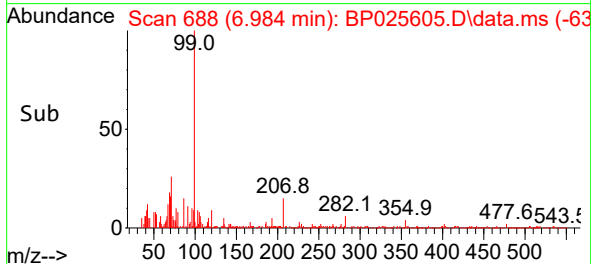
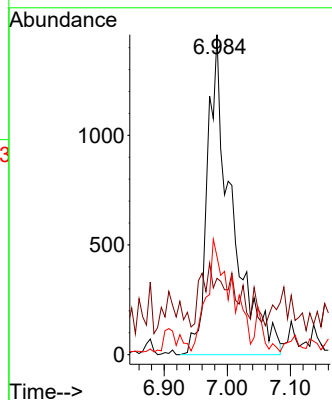
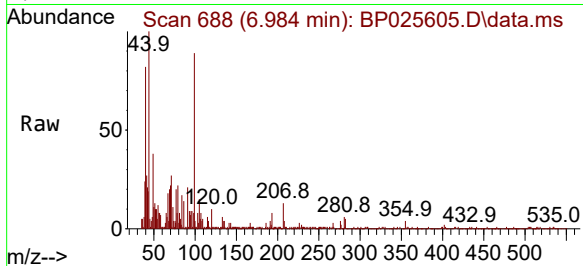




#7
Phenol-d6
Concen: 0.337 ng
RT: 6.984 min Scan# 61
Delta R.T. 0.017 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

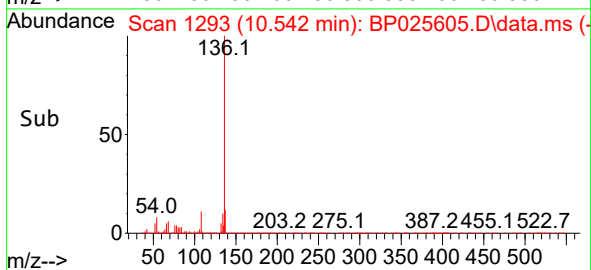
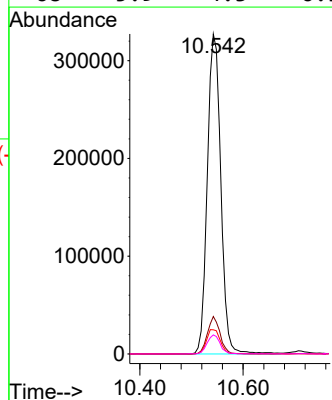
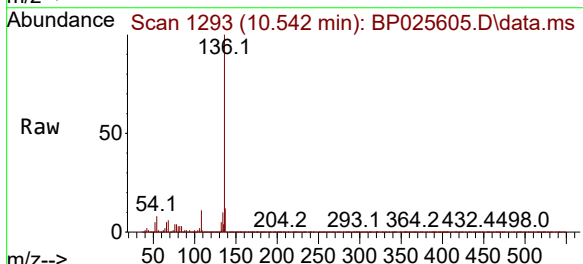
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

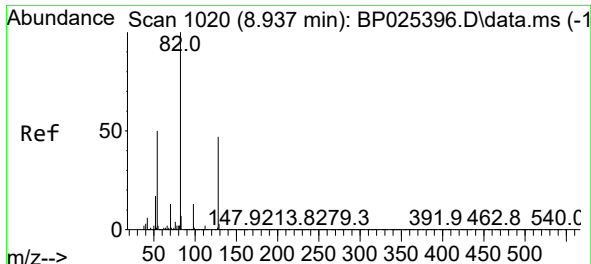
Tgt Ion: 99 Resp: 3898
Ion Ratio Lower Upper
99 100
42 23.9 13.7 20.5#
71 30.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:136 Resp: 592770
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 7.6 6.0 9.0
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 0.638 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Instrument :

BNA_P

ClientSampleId :

MW-19B-082125DL2

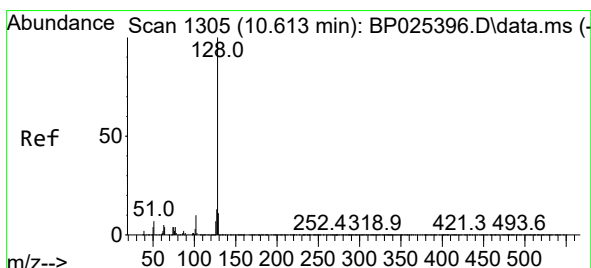
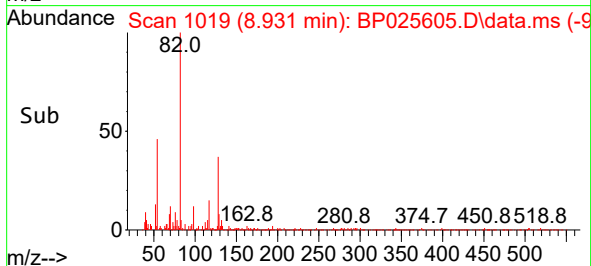
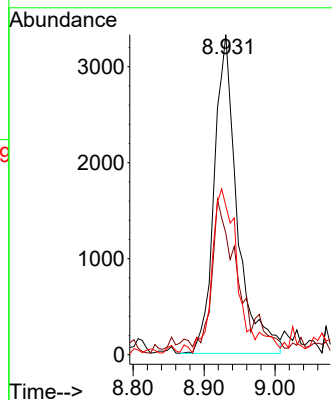
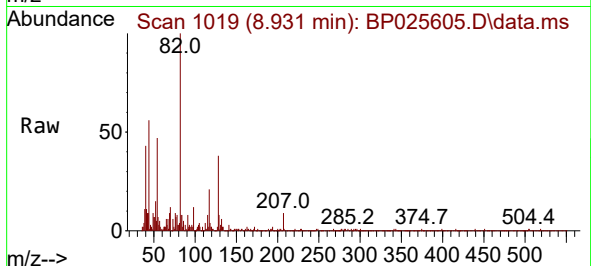
Tgt Ion: 82 Resp: 7477

Ion Ratio Lower Upper

82 100

128 38.0 37.7 56.5

54 46.6 39.8 59.6



#31

Naphthalene

Concen: 39.714 ng

RT: 10.595 min Scan# 1302

Delta R.T. -0.018 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

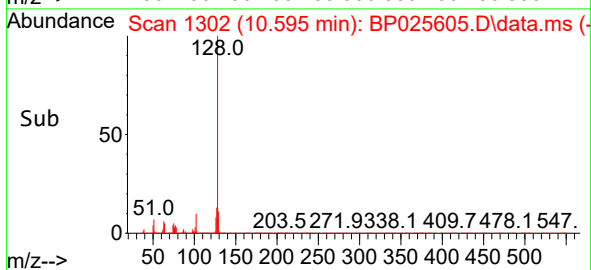
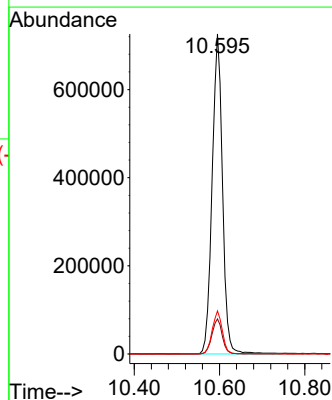
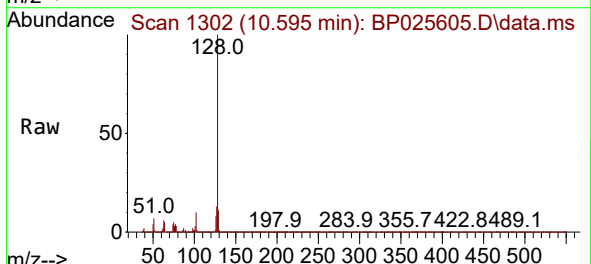
Tgt Ion: 128 Resp: 1223585

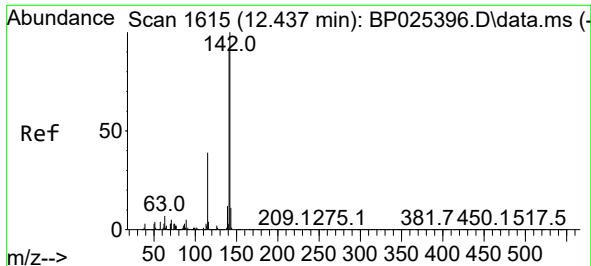
Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.4 10.7 16.1

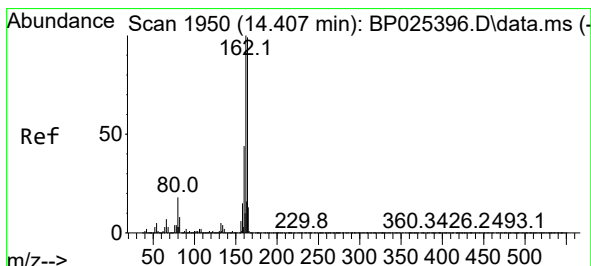
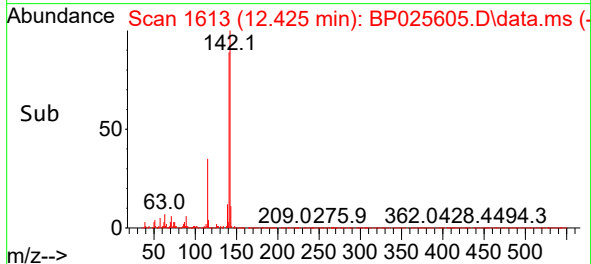
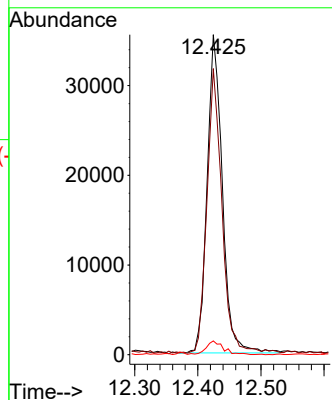
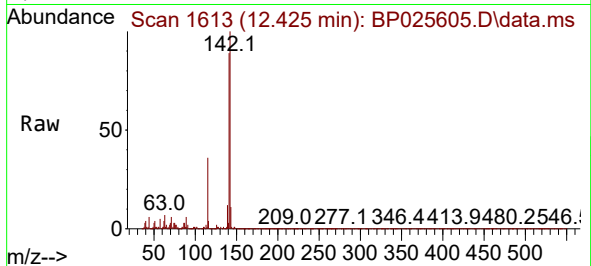




#38
1-Methylnaphthalene
Concen: 2.795 ng
RT: 12.425 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

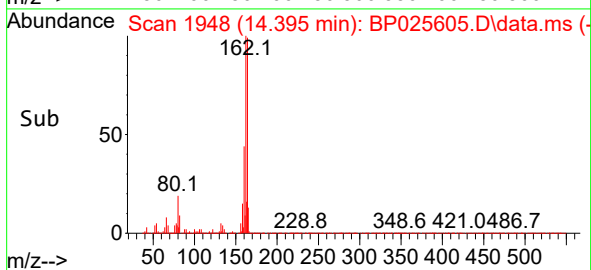
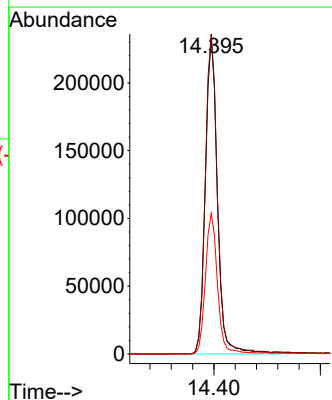
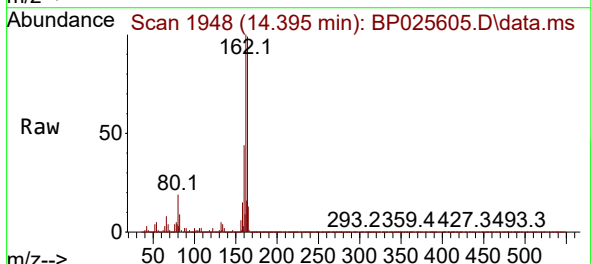
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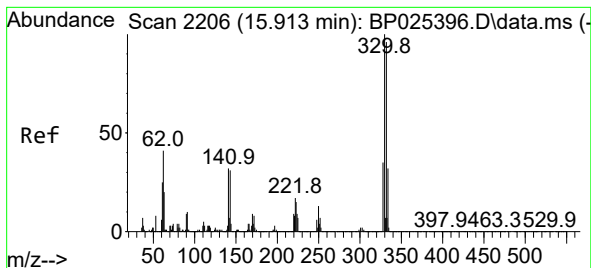
Tgt Ion:142 Resp: 59594
Ion Ratio Lower Upper
142 100
141 89.4 73.1 109.7
116 4.3 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:164 Resp: 367926
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.6
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 0.977 ng

RT: 15.924 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Instrument :

BNA_P

ClientSampleId :

MW-19B-082125DL2

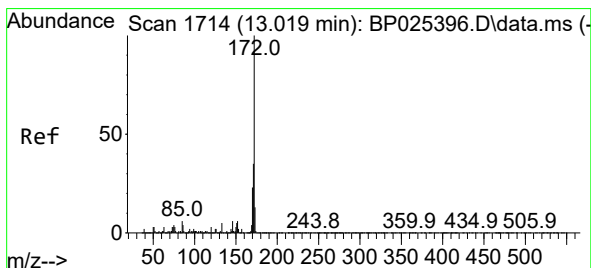
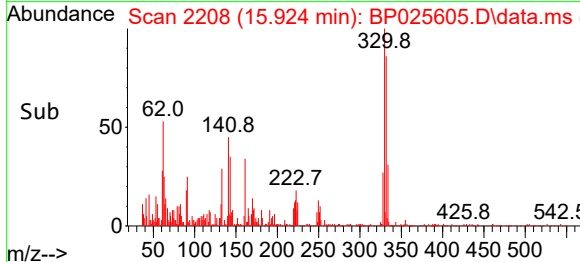
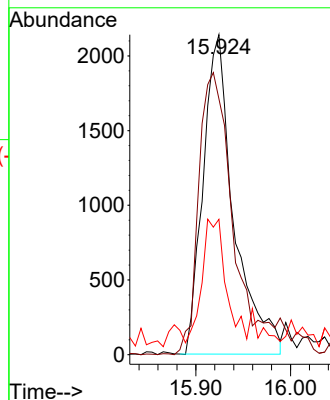
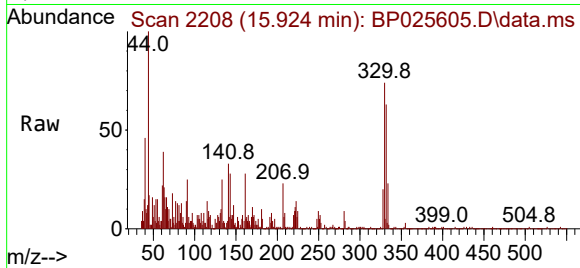
Tgt Ion:330 Resp: 4838

Ion Ratio Lower Upper

330 100

332 101.0 77.3 115.9

141 29.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 0.721 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

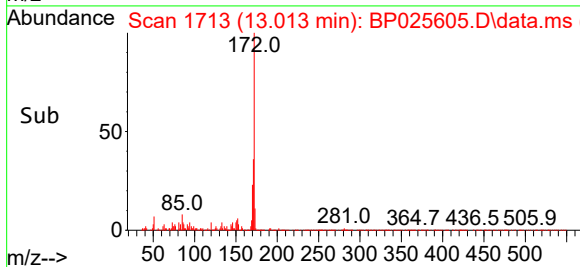
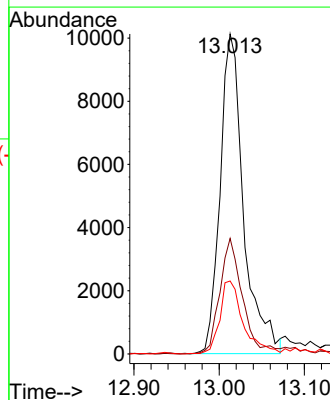
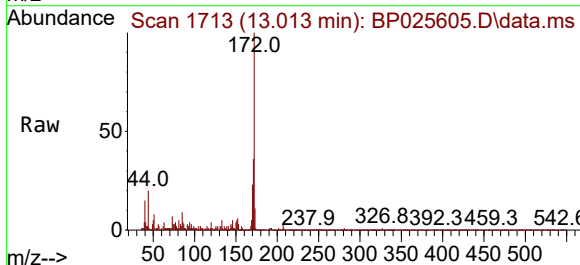
Tgt Ion:172 Resp: 19402

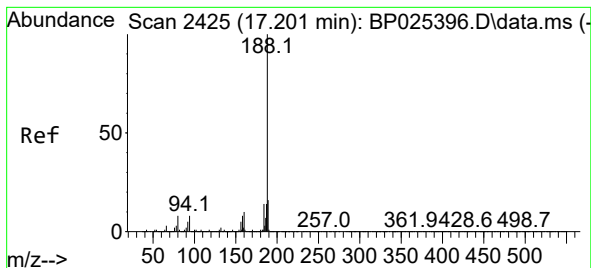
Ion Ratio Lower Upper

172 100

171 36.1 28.1 42.1

170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Instrument :

BNA_P

ClientSampleId :

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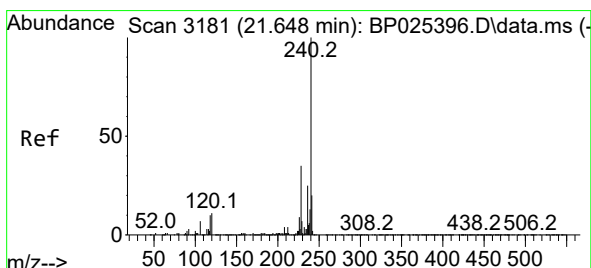
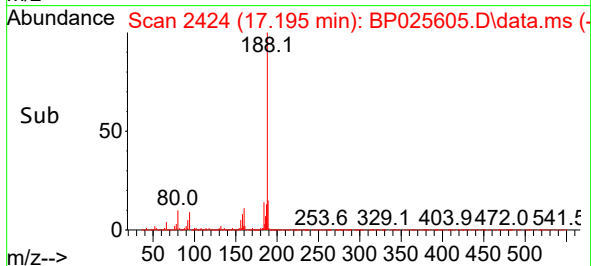
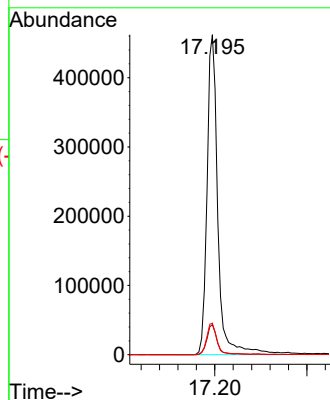
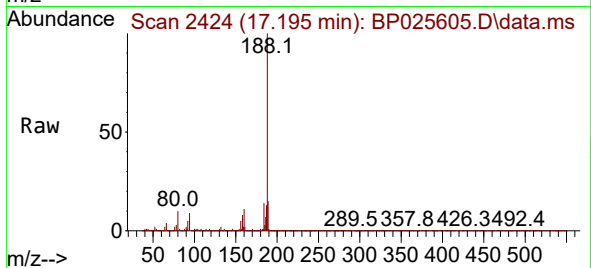
Tgt Ion:188 Resp: 753908

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 9.9 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

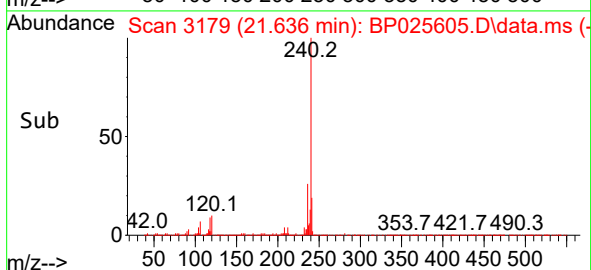
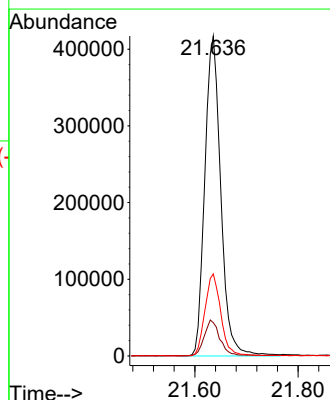
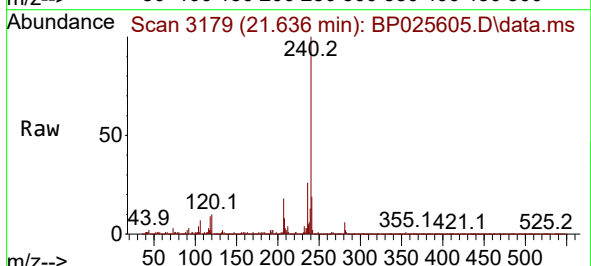
Tgt Ion:240 Resp: 896138

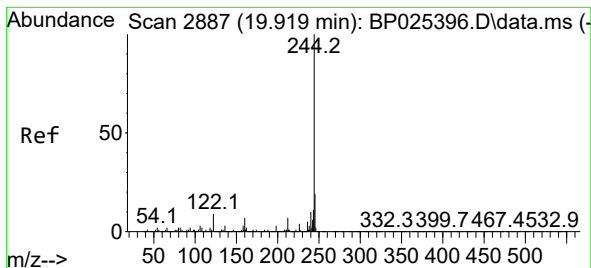
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 0.757 ng

RT: 19.918 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

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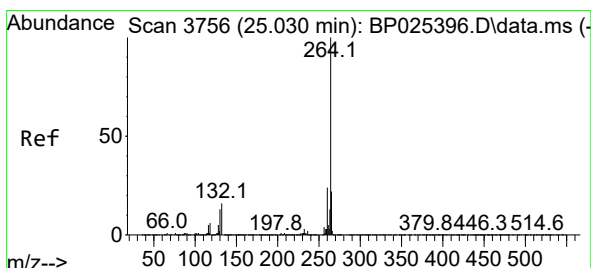
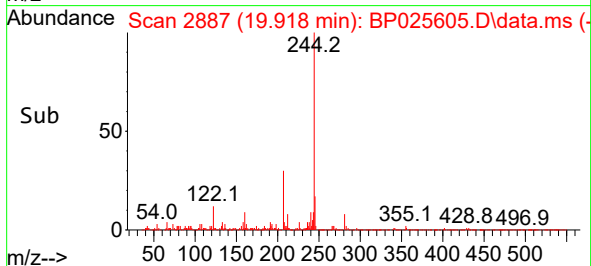
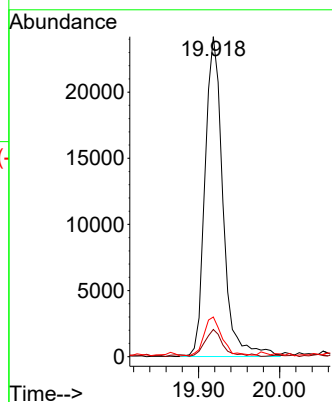
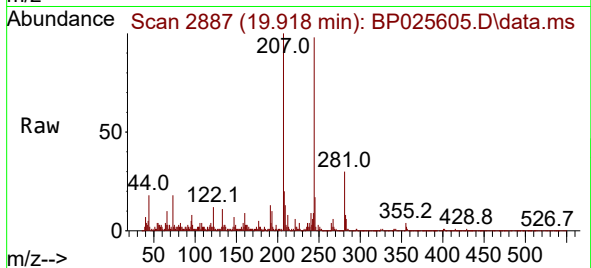
Tgt Ion:244 Resp: 37091

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

122 12.4 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Tgt Ion:264 Resp: 1046661

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.7 17.4 26.0

