

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025589.D
 Acq On : 26 Aug 2025 17:18
 Operator : CG/JU
 Sample : Q2924-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-16C-082025

Quant Time: Aug 26 17:52:13 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	7.772	152	200652	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	790738	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	502369	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1002259	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1066647	20.000	ng	-0.02
86) Perylene-d12	25.007	264	1227492	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	783968	64.885	ng	0.00
7) Phenol-d6	6.966	99	613325	39.593	ng	0.00
23) Nitrobenzene-d5	8.919	82	1307780	83.662	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	950239	140.528	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2929155	79.687	ng	-0.01
79) Terphenyl-d14	19.913	244	4447310	76.283	ng	0.00

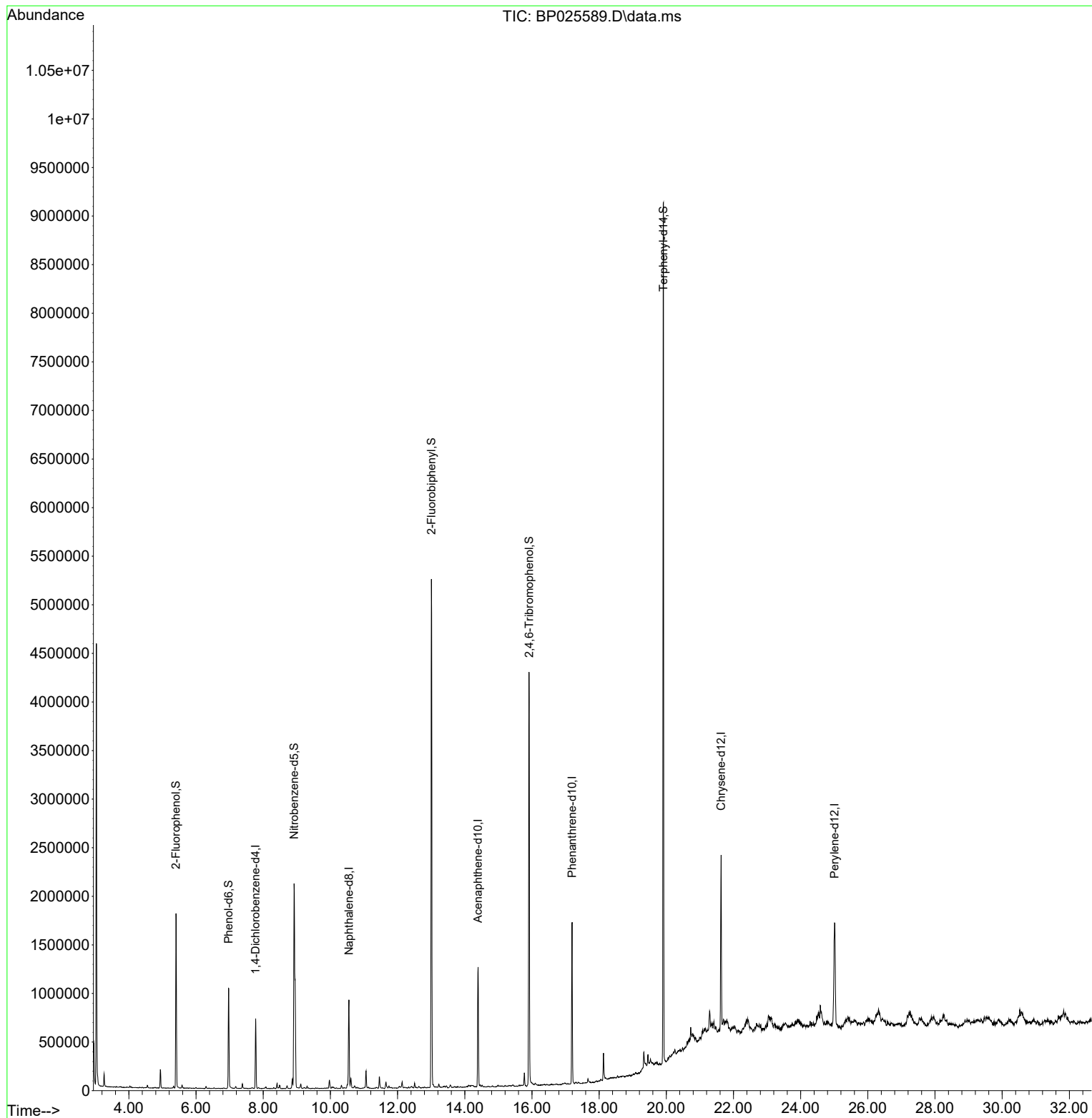
Target Compounds	Qvalue

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

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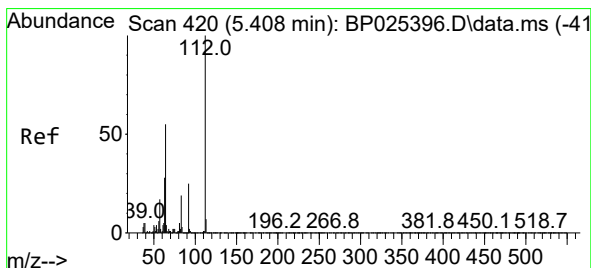
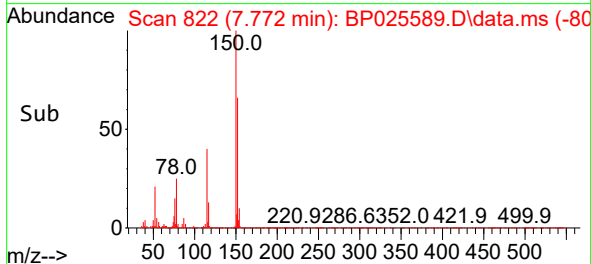
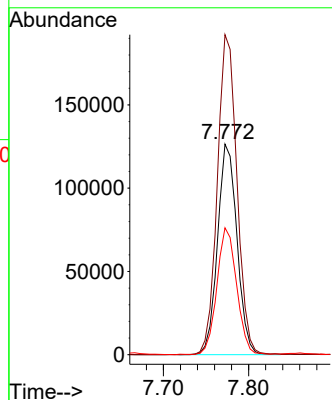
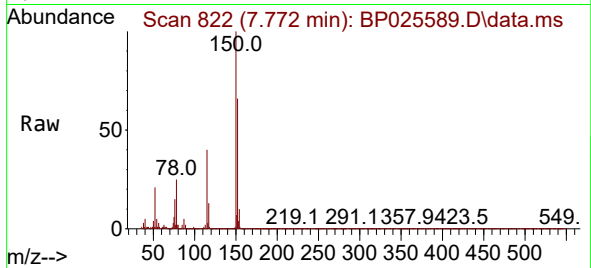




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

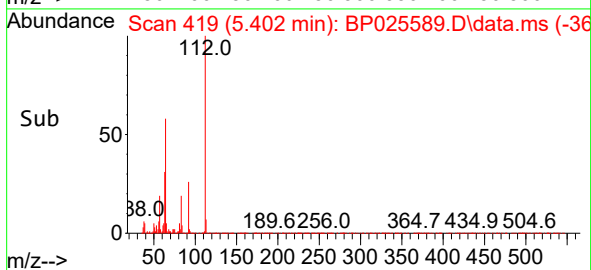
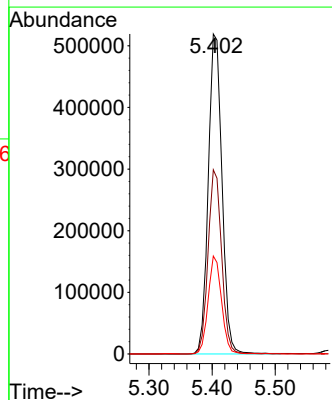
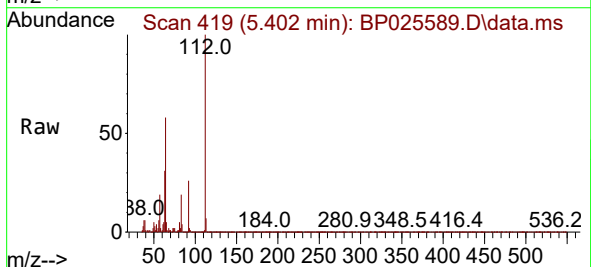
Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

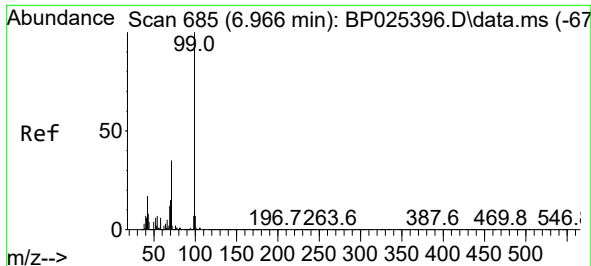
Tgt Ion:152 Resp: 200652
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 60.3 48.5 72.7



#5
2-Fluorophenol
Concen: 64.885 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:112 Resp: 783968
Ion Ratio Lower Upper
112 100
64 57.5 43.8 65.8
63 30.6 22.7 34.1

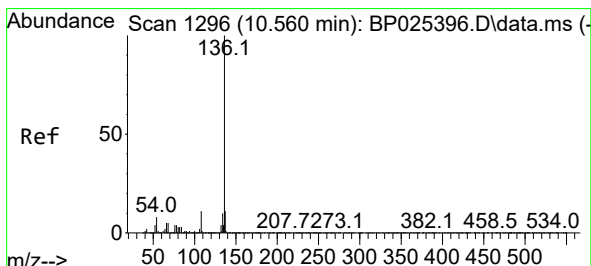
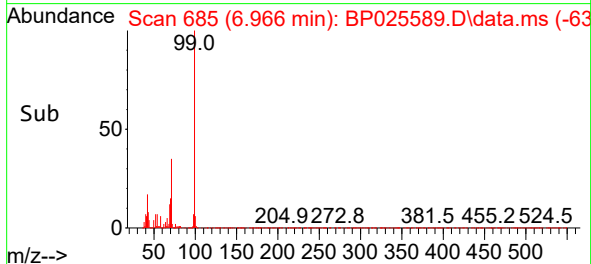
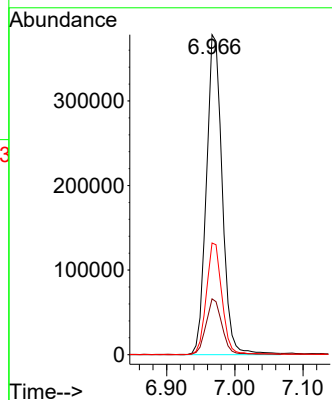
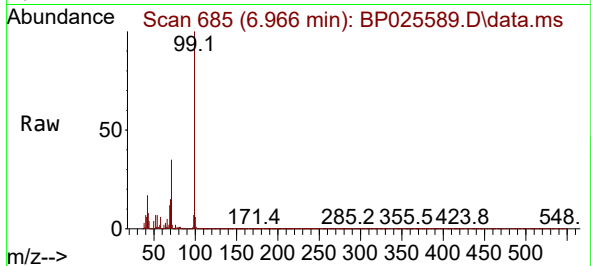




#7
Phenol-d6
Concen: 39.593 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

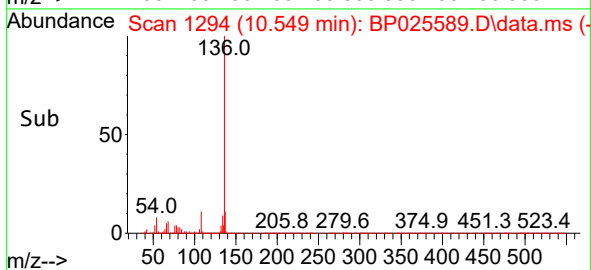
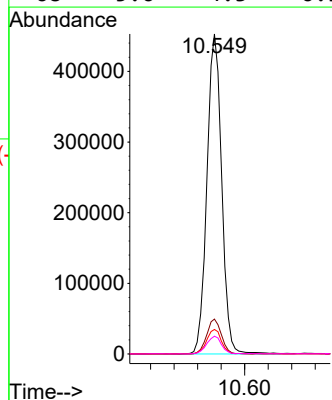
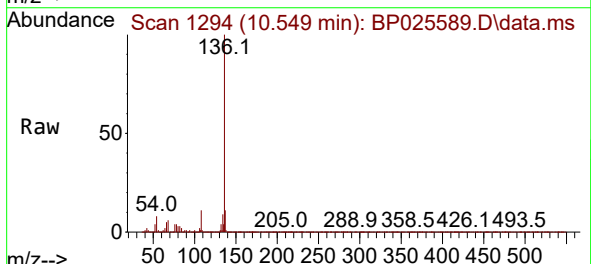
Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

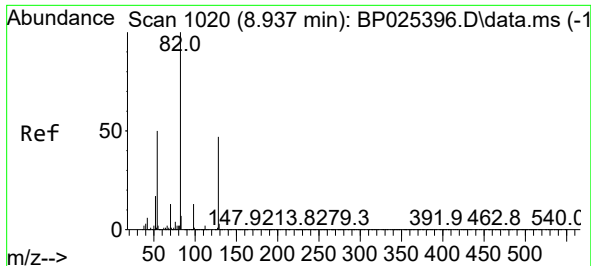
Tgt Ion: 99 Resp: 613325
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 34.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion: 136 Resp: 790738
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.7 6.0 9.0
68 5.6 4.3 6.5

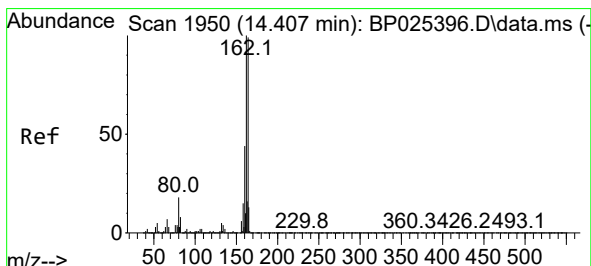
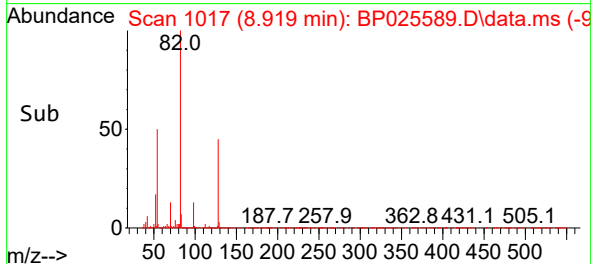
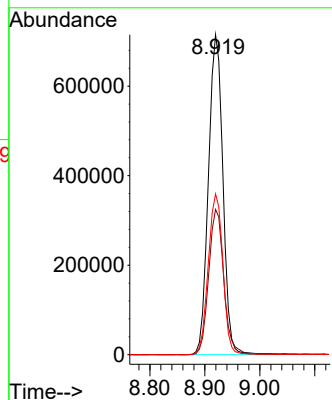
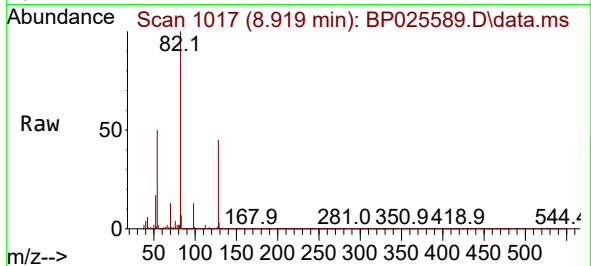




#23
Nitrobenzene-d5
Concen: 83.662 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

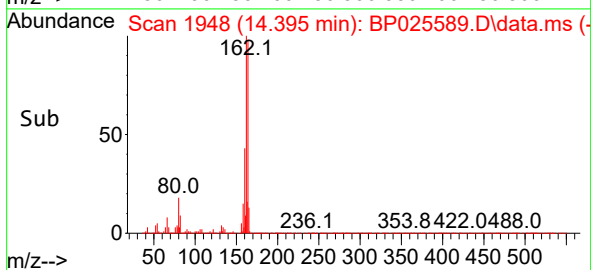
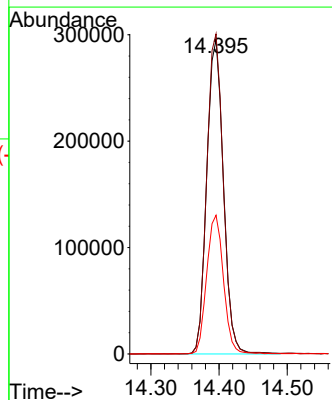
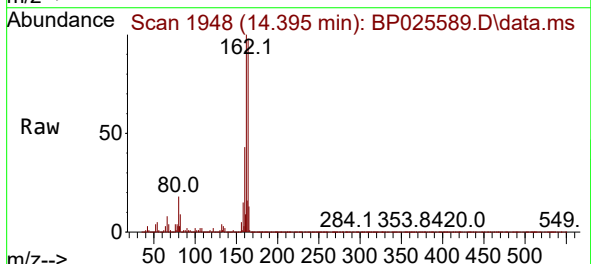
Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

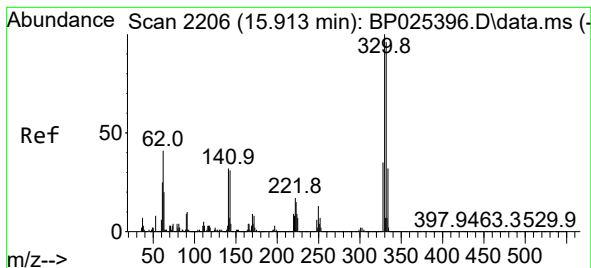
Tgt Ion: 82 Resp: 1307780
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 50.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:164 Resp: 502369
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 44.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 140.528 ng

RT: 15.919 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

MW-16C-082025

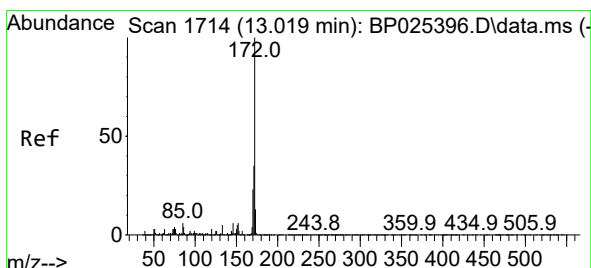
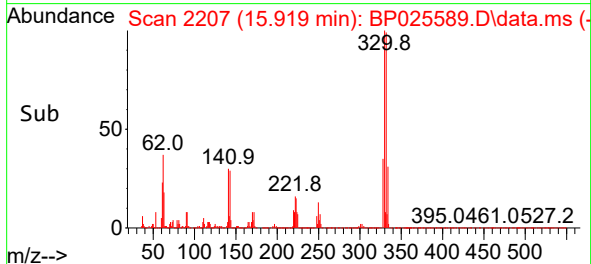
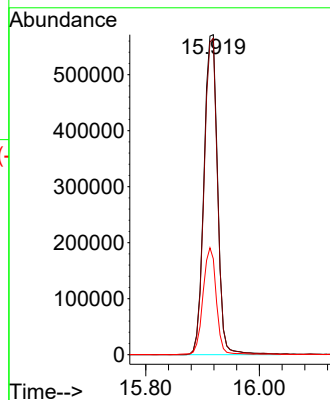
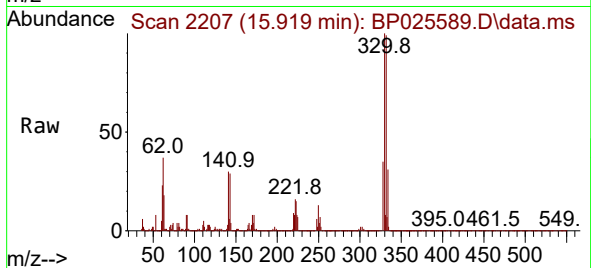
Tgt Ion:330 Resp: 950239

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 32.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 79.687 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

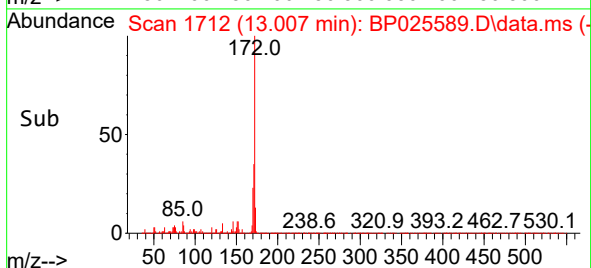
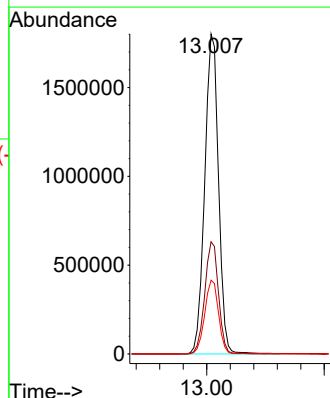
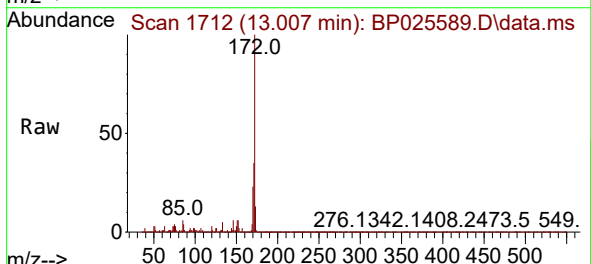
Tgt Ion:172 Resp: 2929155

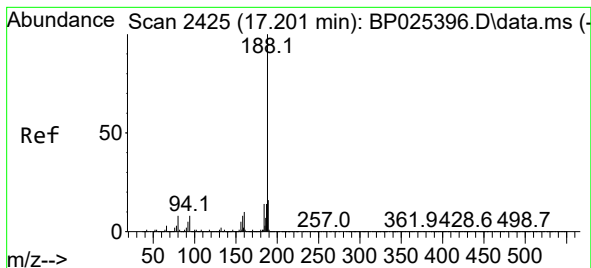
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

Instrument :

BNA_P

ClientSampleId :

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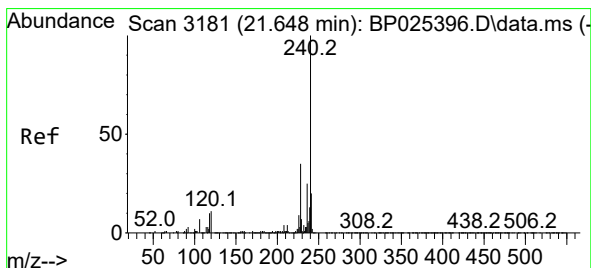
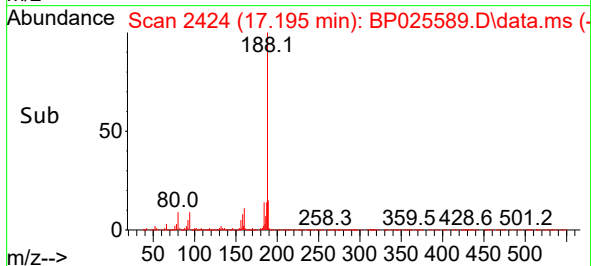
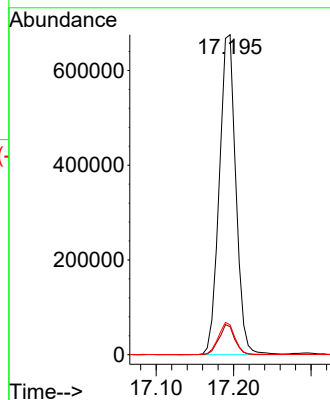
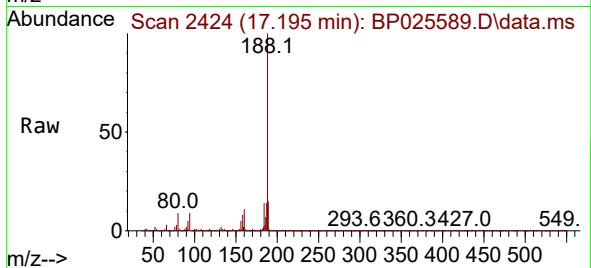
Tgt Ion:188 Resp: 1002259

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.3 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

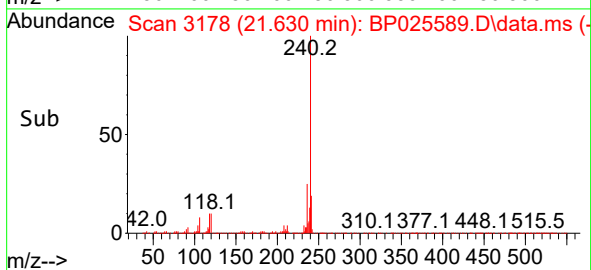
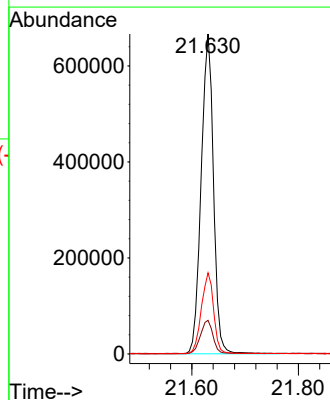
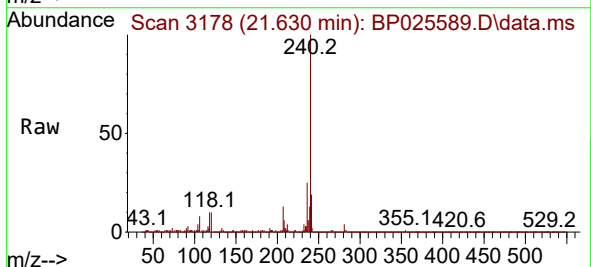
Tgt Ion:240 Resp: 1066647

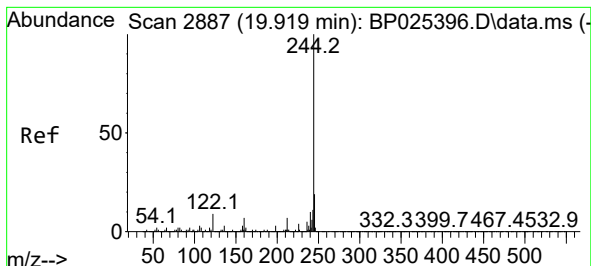
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 76.283 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

Instrument :

BNA_P

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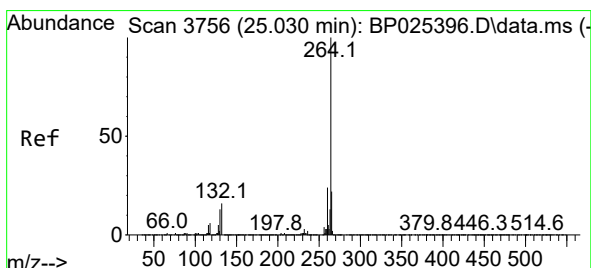
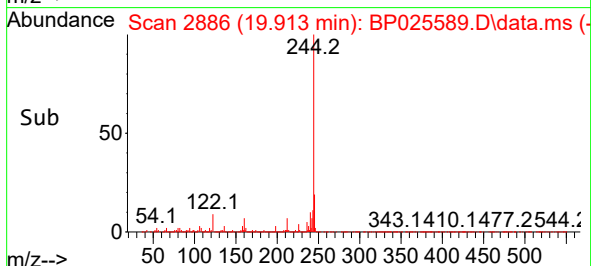
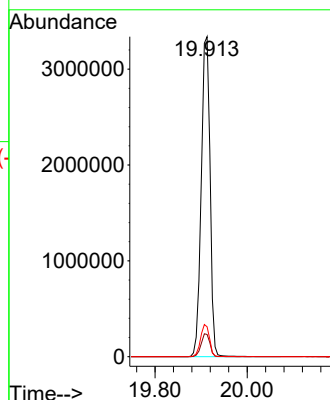
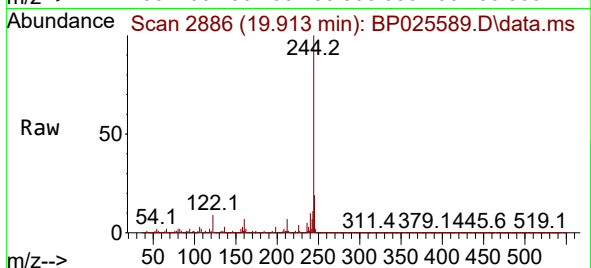
Tgt Ion:244 Resp: 4447310

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.023 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

Tgt Ion:264 Resp: 1227492

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.0 17.4 26.0

