

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025423.D
 Acq On : 15 Aug 2025 11:17
 Operator : CG/JU
 Sample : PB169230BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169230BL

Quant Time: Aug 15 12:23:33 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	7.790	152	154254	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	595195	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	376083	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	774408	20.000	ng	0.00
76) Chrysene-d12	21.648	240	884552	20.000	ng	0.00
86) Perylene-d12	25.018	264	1011782	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1149849	123.793	ng	0.00
7) Phenol-d6	6.966	99	1408266	118.256	ng	0.00
23) Nitrobenzene-d5	8.931	82	907799	77.154	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	647097	127.831	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2127638	77.318	ng	0.00
79) Terphenyl-d14	19.919	244	3588103	74.215	ng	0.00

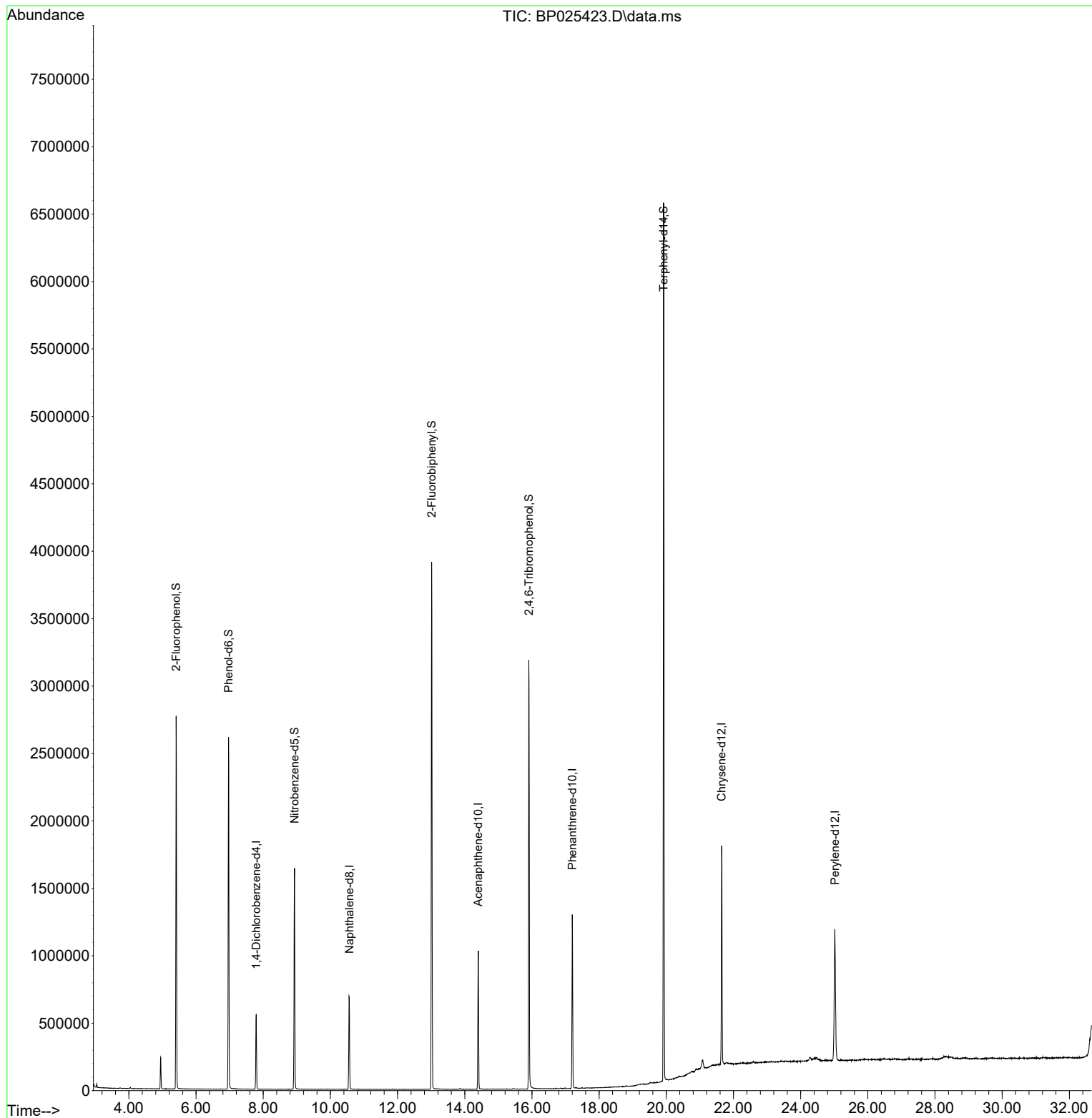
Target Compounds	Qvalue

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

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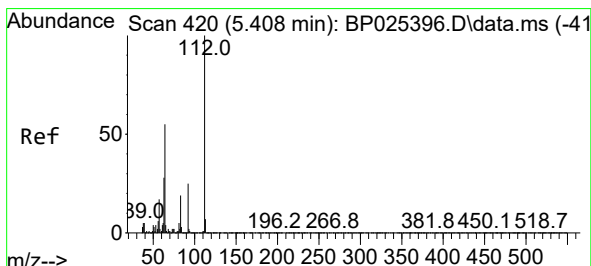
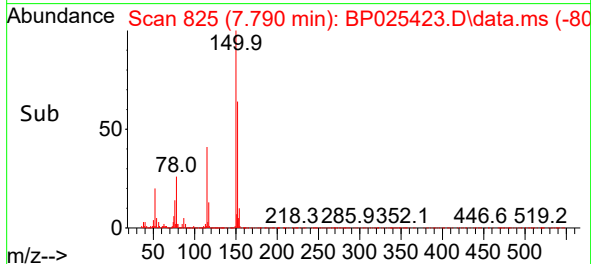
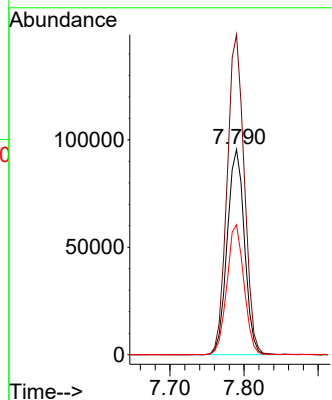
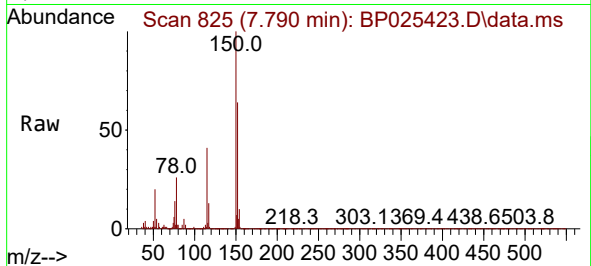




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

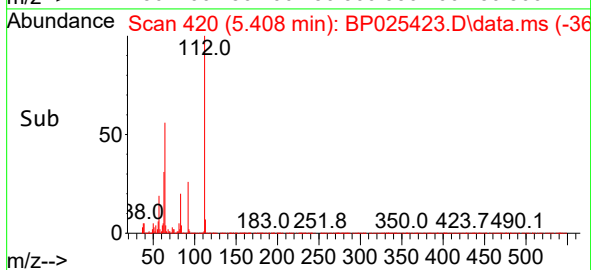
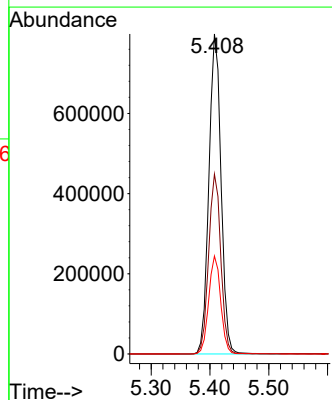
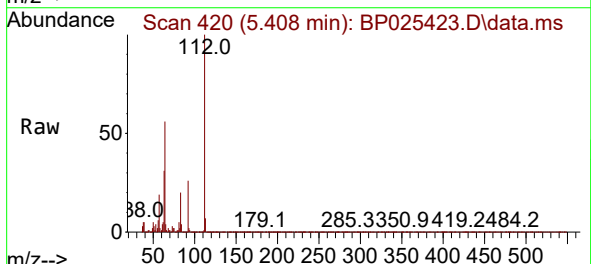
Instrument :
BNA_P
ClientSampleId :
PB169230BL

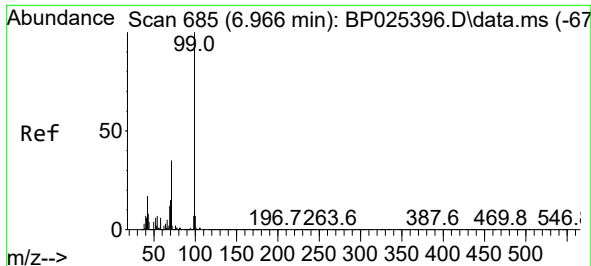
Tgt Ion:152 Resp: 154254
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 63.3 48.5 72.7



#5
2-Fluorophenol
Concen: 123.793 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:112 Resp: 1149849
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 30.6 22.7 34.1

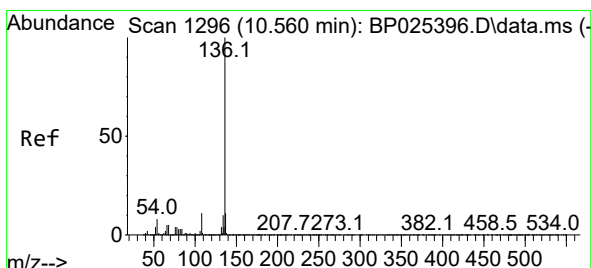
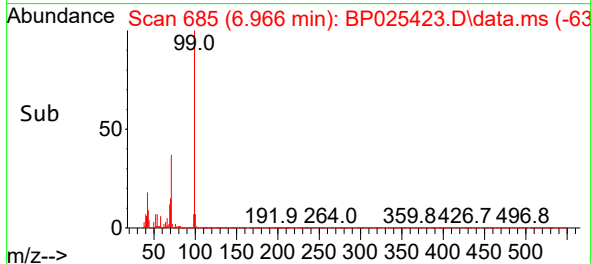
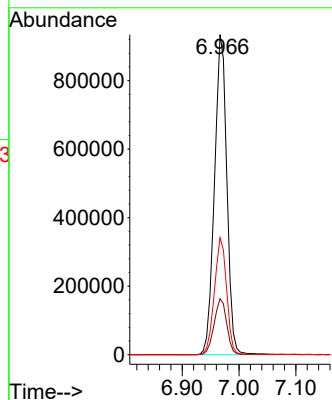
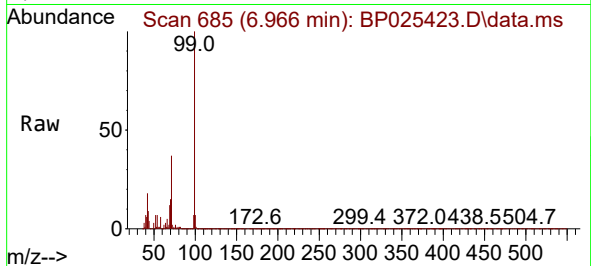




#7
Phenol-d6
Concen: 118.256 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

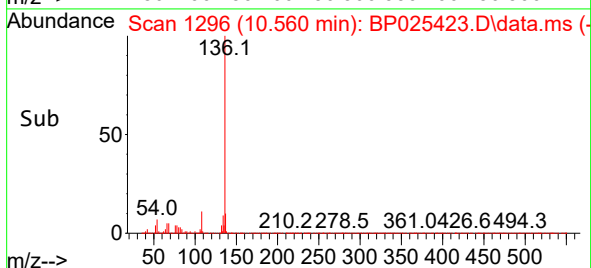
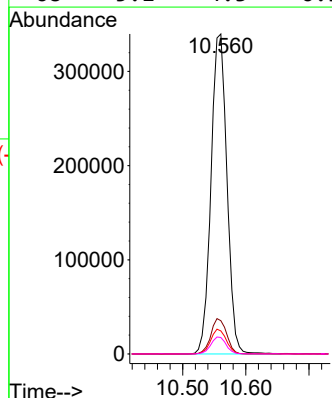
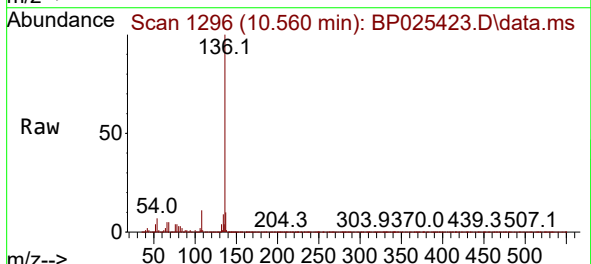
Instrument :
BNA_P
ClientSampleId :
PB169230BL

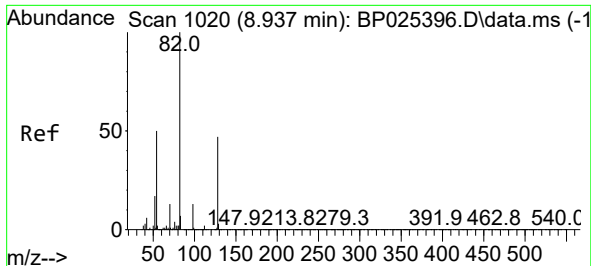
Tgt Ion: 99 Resp: 1408266
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 36.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion: 136 Resp: 595195
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.2 6.0 9.0
68 5.1 4.3 6.5

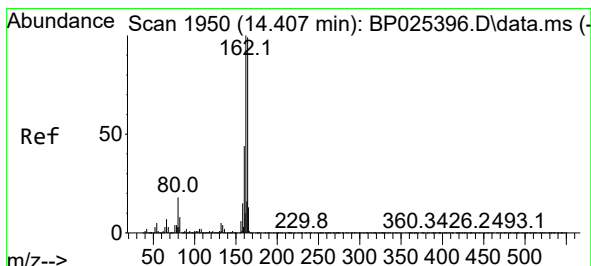
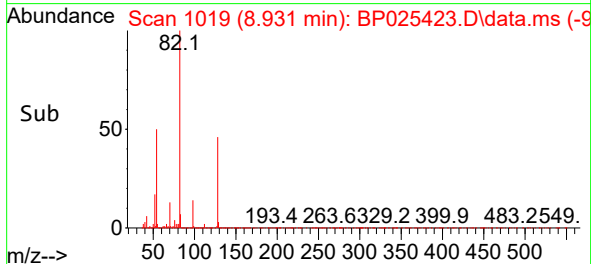
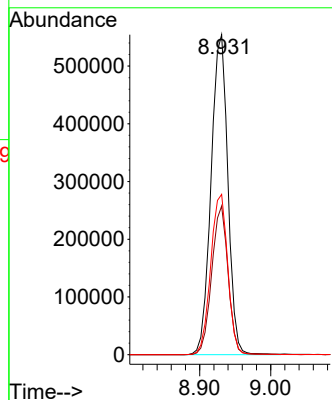
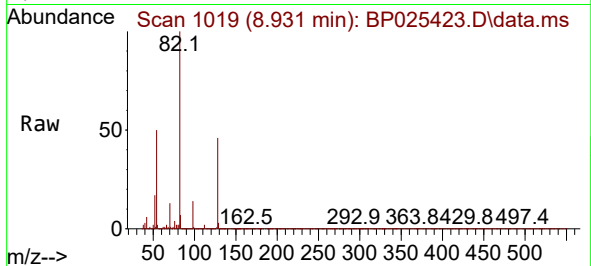




#23
Nitrobenzene-d5
Concen: 77.154 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

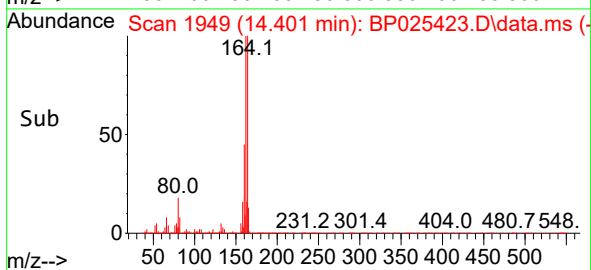
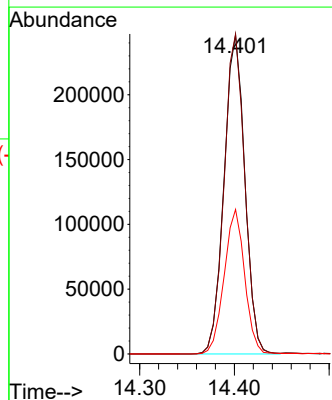
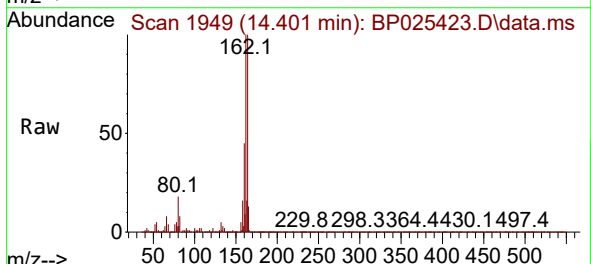
Instrument :
BNA_P
ClientSampleId :
PB169230BL

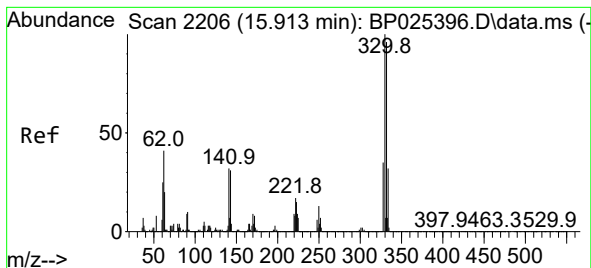
Tgt Ion: 82 Resp: 907799
Ion Ratio Lower Upper
82 100
128 46.4 37.7 56.5
54 50.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion: 164 Resp: 376083
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 45.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 127.831 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB169230BL

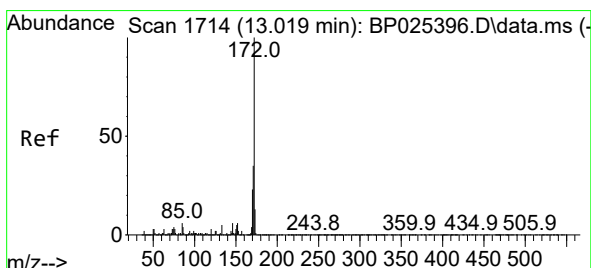
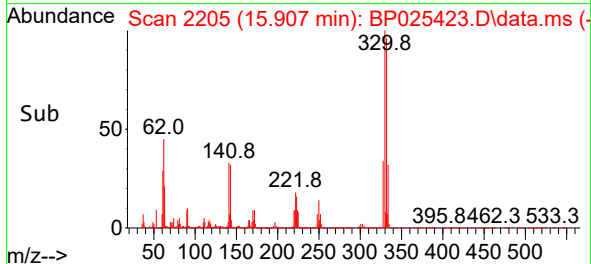
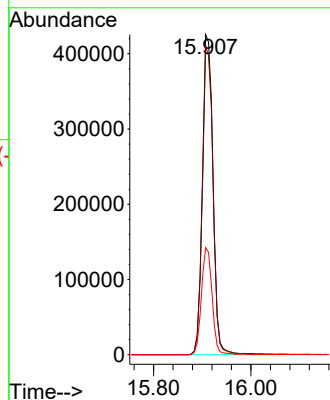
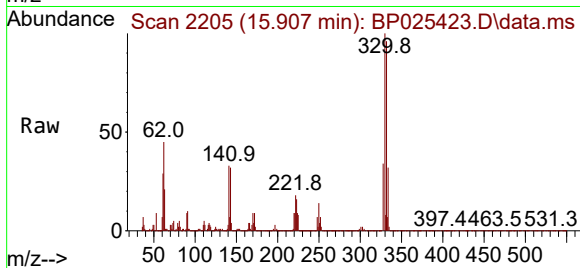
Tgt Ion:330 Resp: 647097

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 33.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 77.318 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

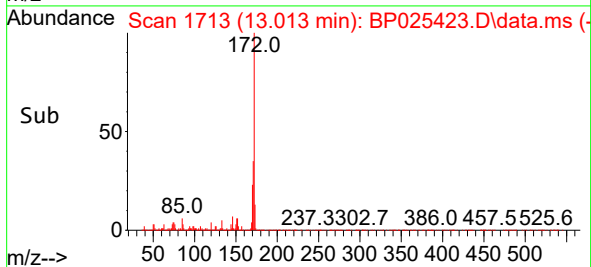
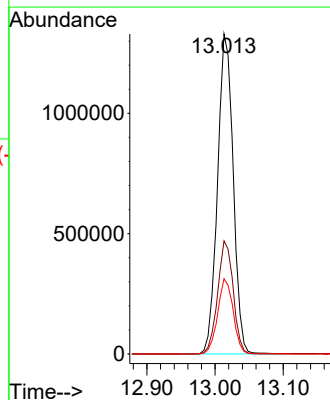
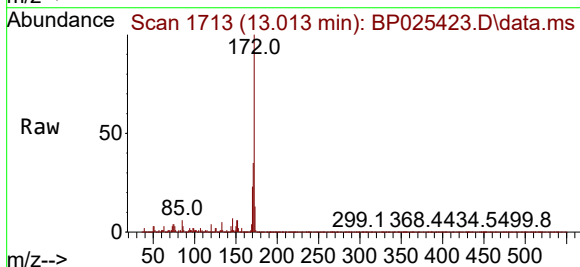
Tgt Ion:172 Resp: 2127638

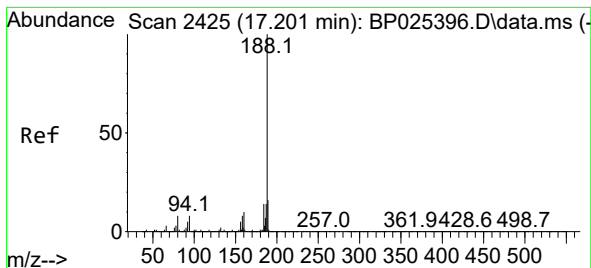
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB169230BL

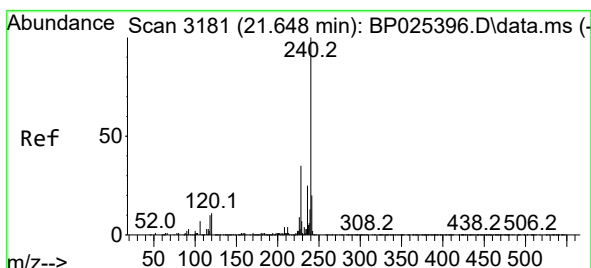
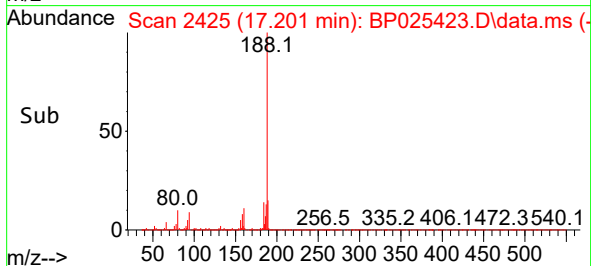
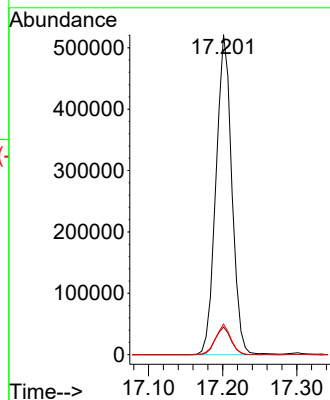
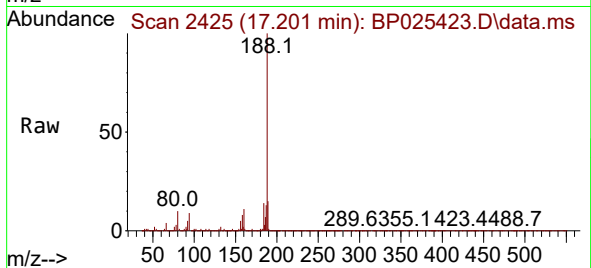
Tgt Ion:188 Resp: 774408

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.6 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

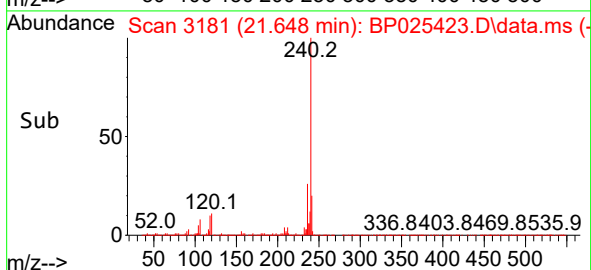
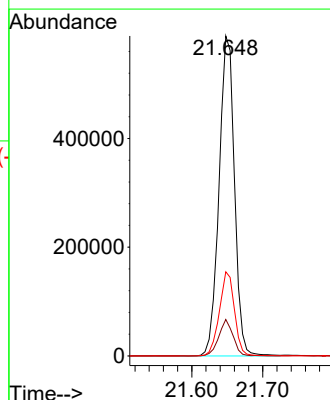
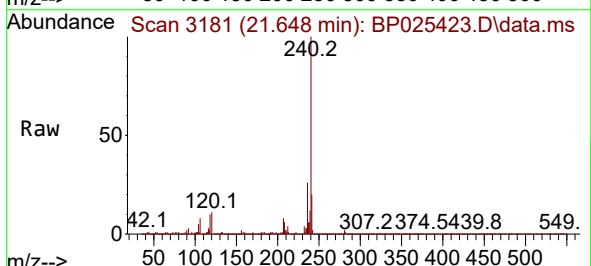
Tgt Ion:240 Resp: 884552

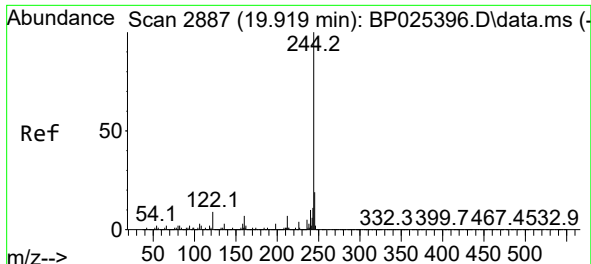
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.3 19.8 29.8

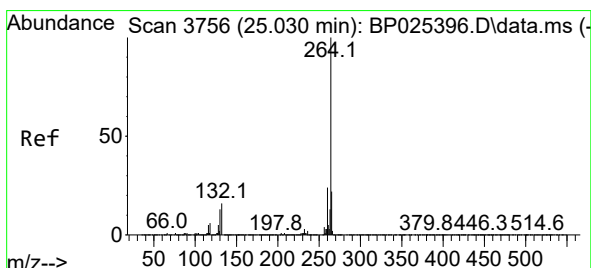
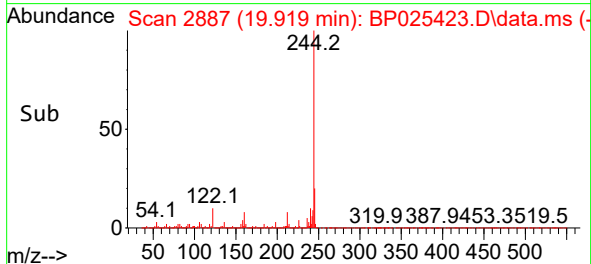
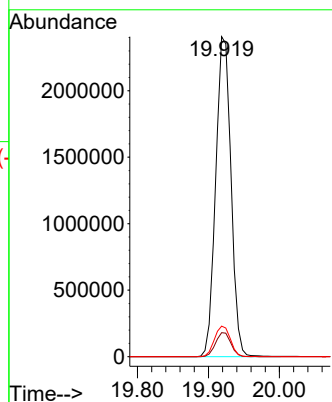
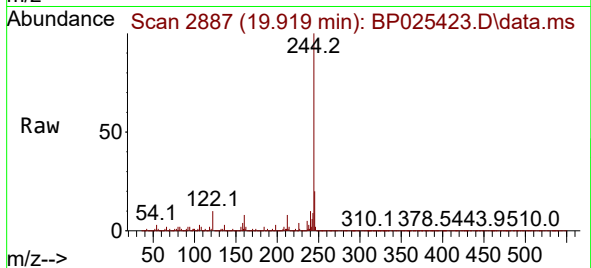




#79
Terphenyl-d14
Concen: 74.215 ng
RT: 19.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion:244 Resp: 3588103
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.6 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:264 Resp: 1011782
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 22.1 17.4 26.0

