

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025474.D
 Acq On : 19 Aug 2025 13:29
 Operator : CG/JU
 Sample : Q2815-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-84SB-W

Quant Time: Aug 19 14:01:57 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	139862	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	556768	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	388092	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	881253	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1055398	20.000	ng	0.00
86) Perylene-d12	25.018	264	1148869	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	853069	101.292	ng	0.00
7) Phenol-d6	6.966	99	812836	75.280	ng	0.00
23) Nitrobenzene-d5	8.925	82	1108615	100.724	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	918315	175.796	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2575342	90.692	ng	0.00
79) Terphenyl-d14	19.924	244	5058581	87.692	ng	0.00

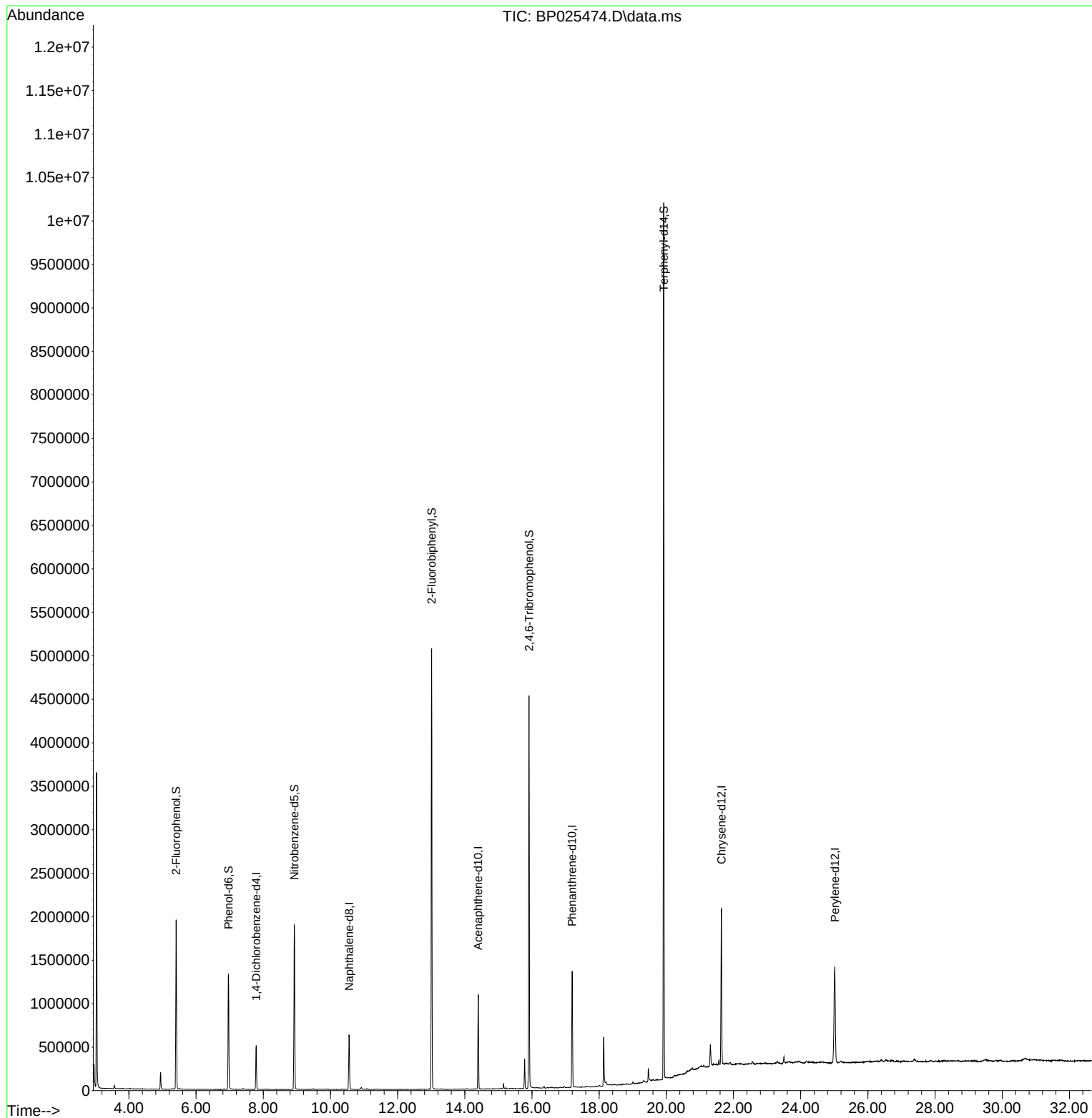
Target Compounds	Qvalue

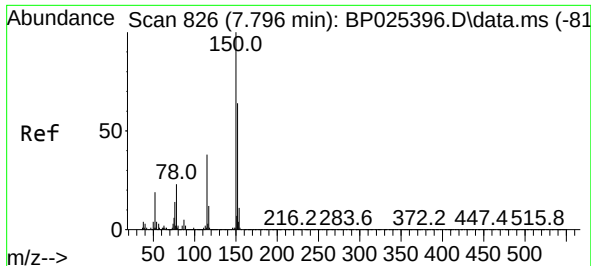
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025474.D
Acq On : 19 Aug 2025 13:29
Operator : CG/JU
Sample : Q2815-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-84SB-W

Quant Time: Aug 19 14:01:57 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

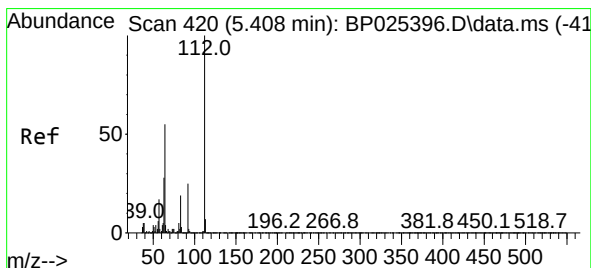
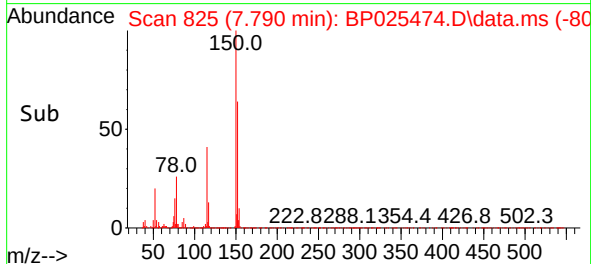
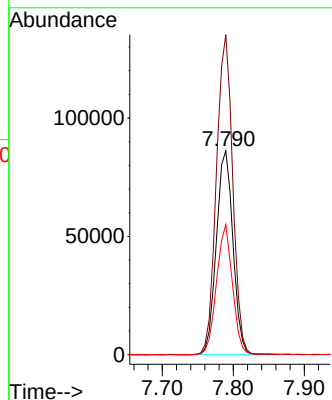
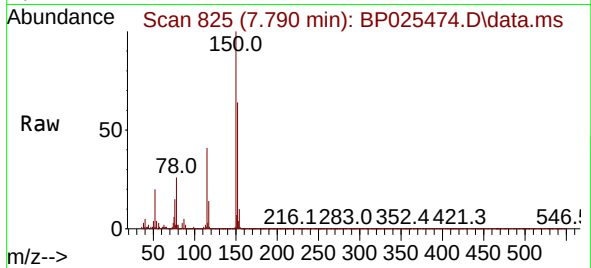




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

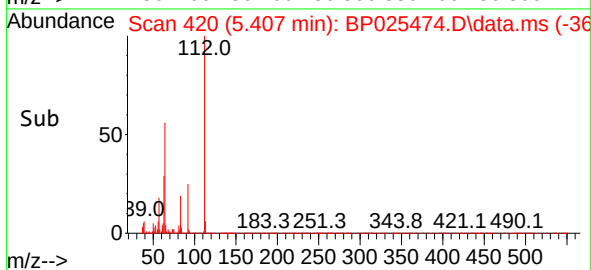
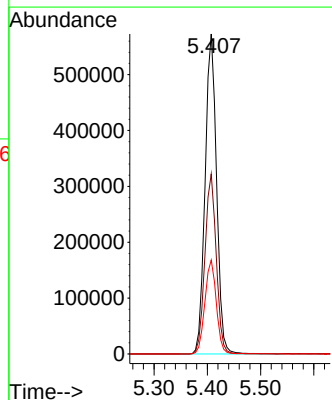
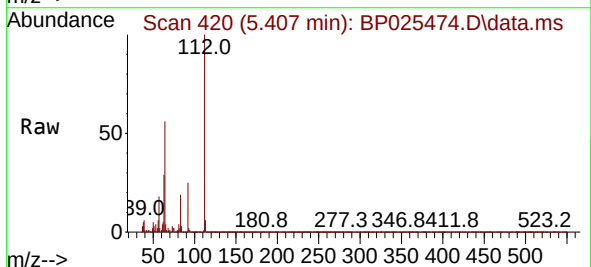
Instrument :
BNA_P
ClientSampleId :
TW-84SB-W

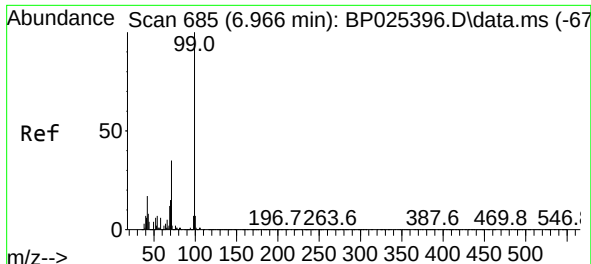
Tgt Ion:152 Resp: 139862
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 63.8 48.5 72.7



#5
2-Fluorophenol
Concen: 101.292 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

Tgt Ion:112 Resp: 853069
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 29.4 22.7 34.1

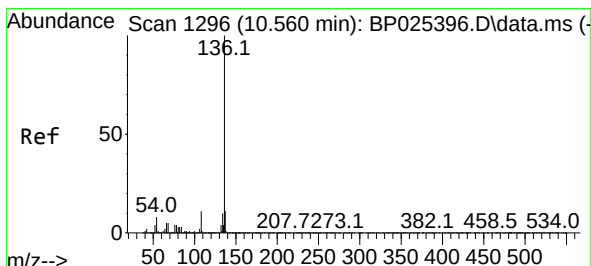
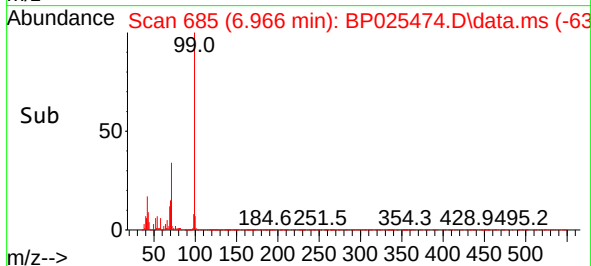
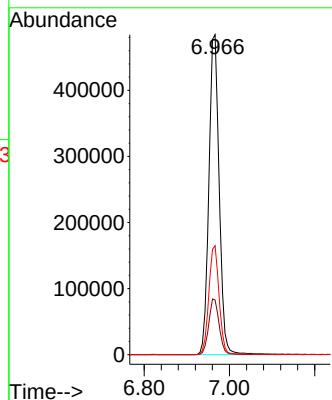
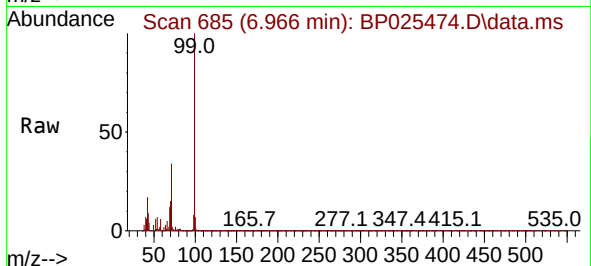




#7
Phenol-d6
Concen: 75.280 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

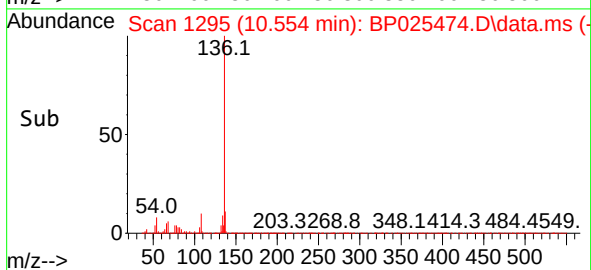
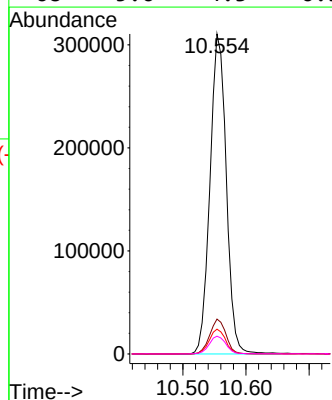
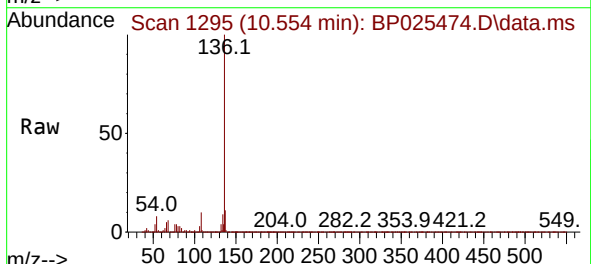
Instrument :
BNA_P
ClientSampleId :
TW-84SB-W

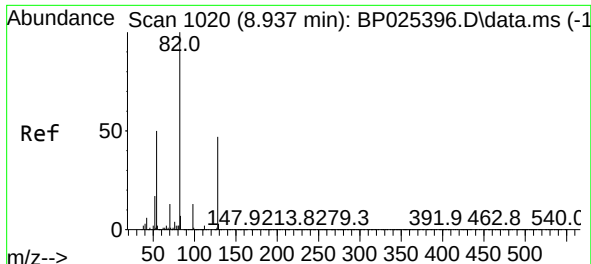
Tgt Ion: 99 Resp: 812836
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 34.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

Tgt Ion: 136 Resp: 556768
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.8 6.0 9.0
68 5.6 4.3 6.5

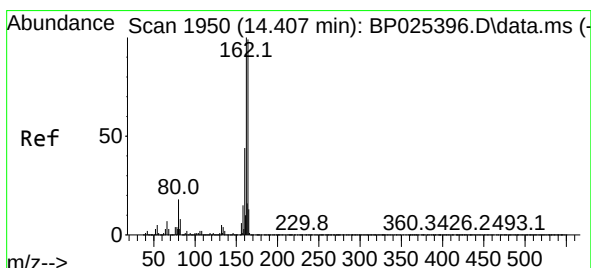
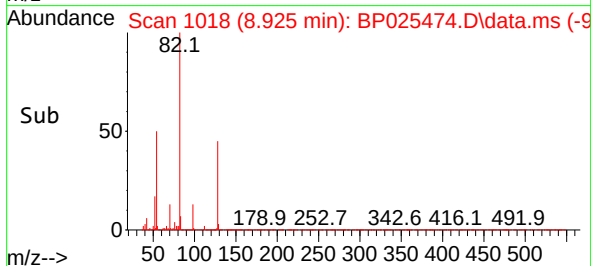
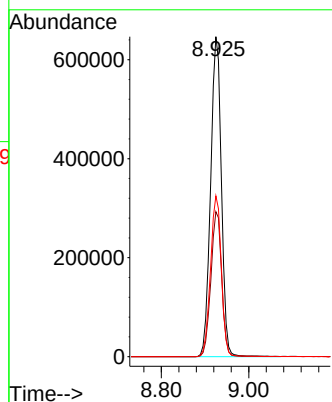
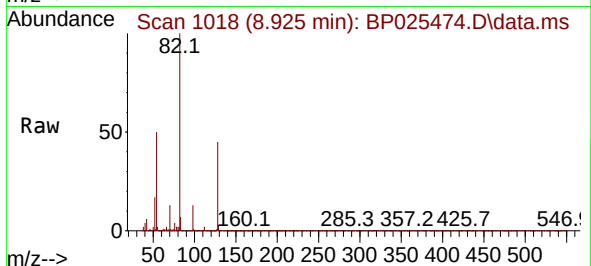




#23
Nitrobenzene-d5
Concen: 100.724 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

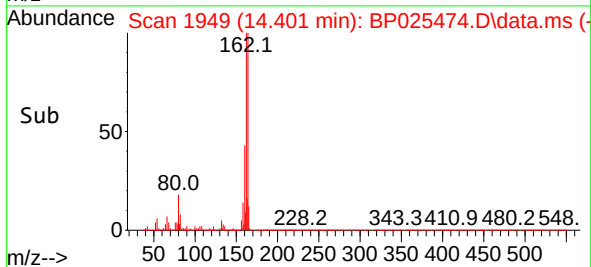
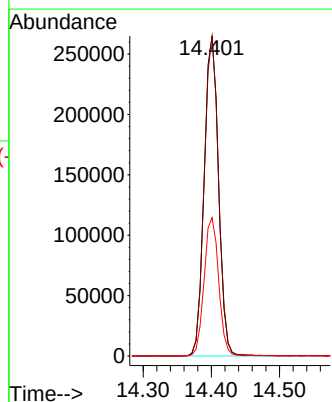
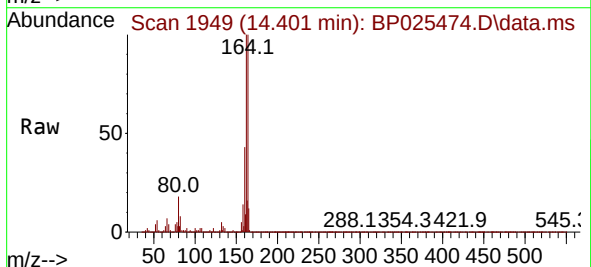
Instrument :
BNA_P
ClientSampleId :
TW-84SB-W

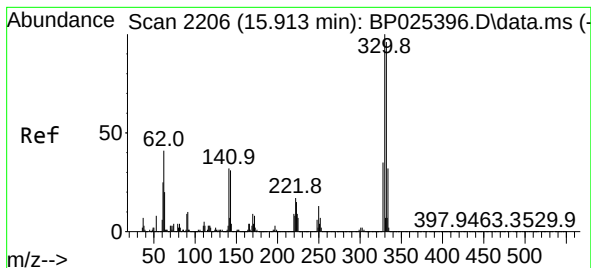
Tgt Ion: 82 Resp: 1108615
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 50.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

Tgt Ion:164 Resp: 388092
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.6
160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 175.796 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025474.D

Acq: 19 Aug 2025 13:29

Instrument :

BNA_P

ClientSampleId :

TW-84SB-W

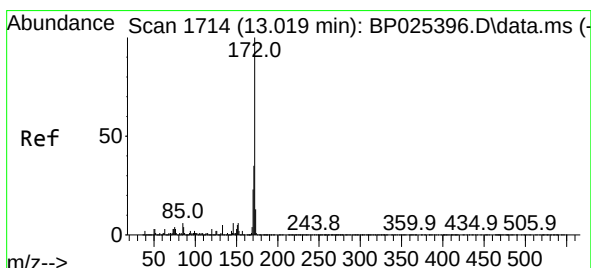
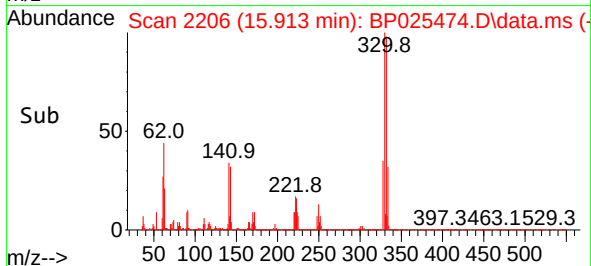
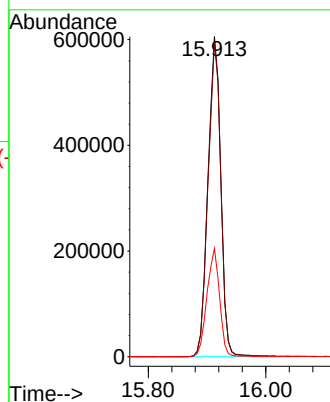
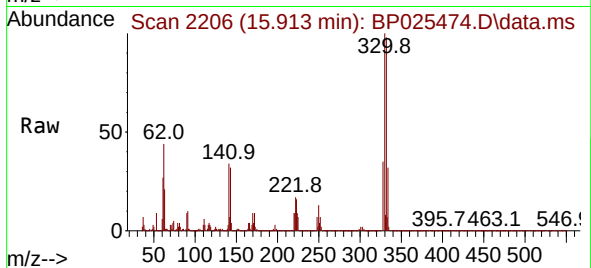
Tgt Ion:330 Resp: 918315

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

141 33.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 90.692 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025474.D

Acq: 19 Aug 2025 13:29

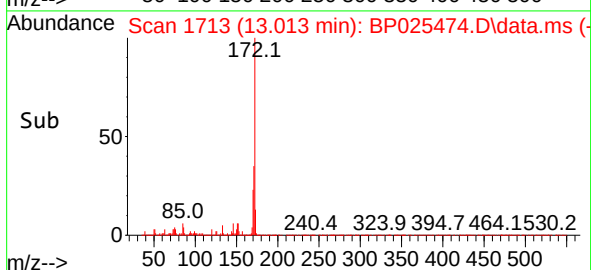
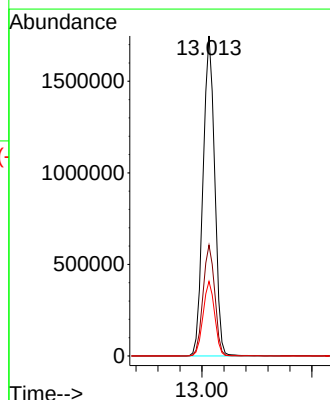
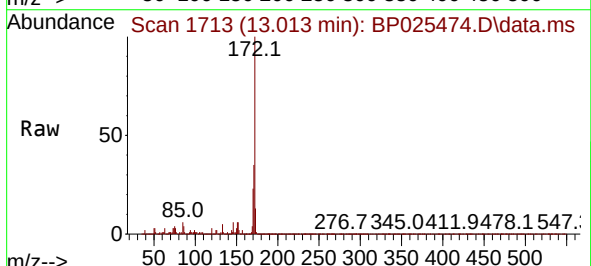
Tgt Ion:172 Resp: 2575342

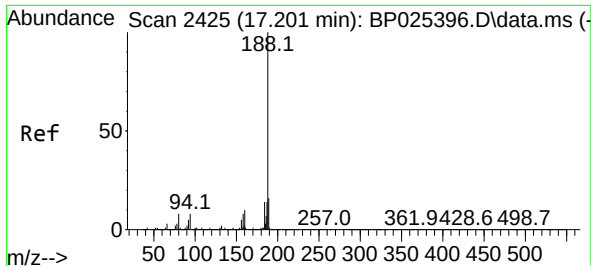
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.3 18.6 28.0

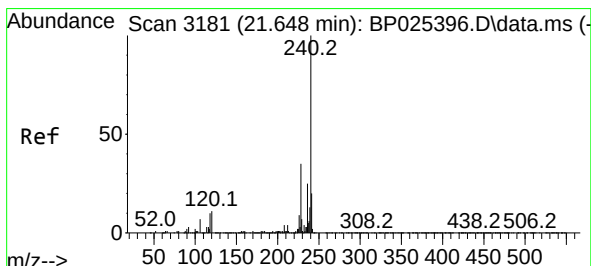
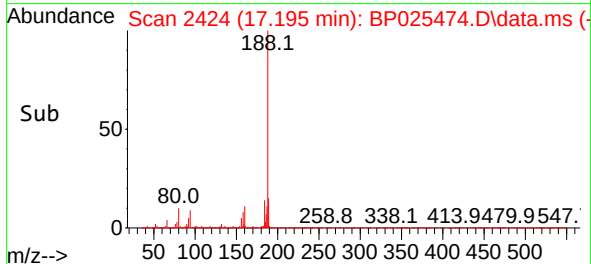
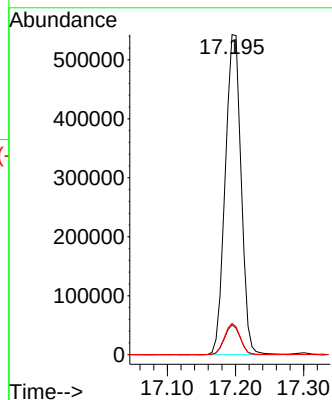
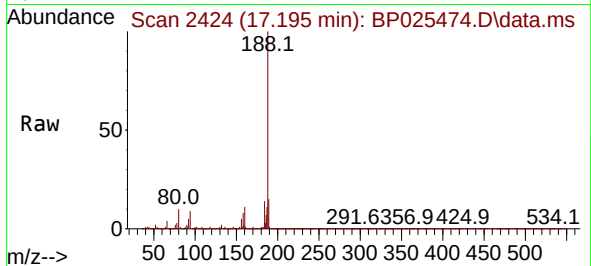




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

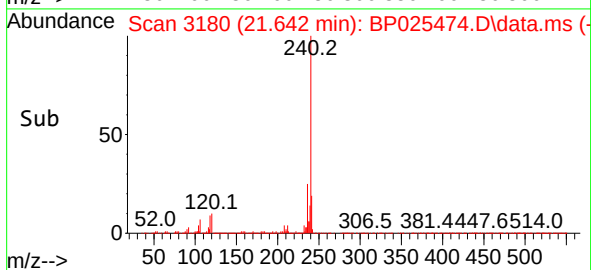
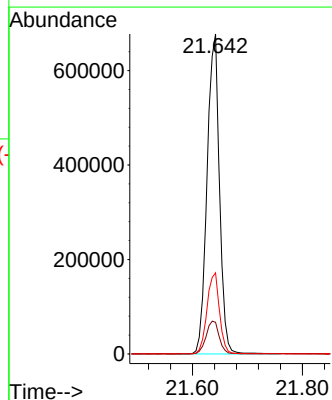
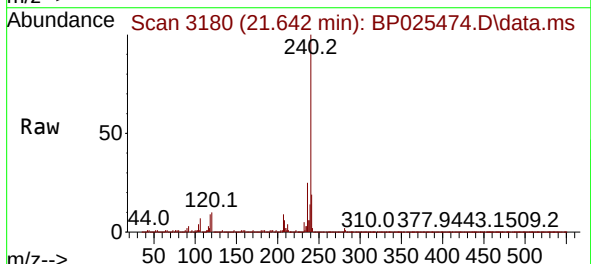
Instrument :
BNA_P
ClientSampleId :
TW-84SB-W

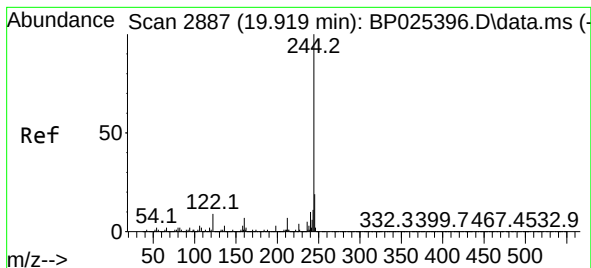
Tgt Ion:188 Resp: 881253
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.8 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025474.D
Acq: 19 Aug 2025 13:29

Tgt Ion:240 Resp: 1055398
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 87.692 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025474.D

Acq: 19 Aug 2025 13:29

Instrument :

BNA_P

ClientSampleId :

TW-84SB-W

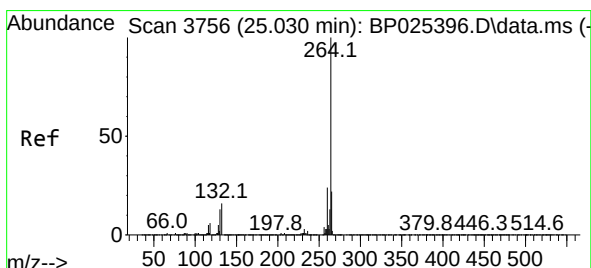
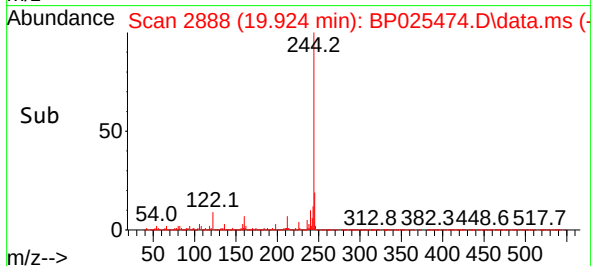
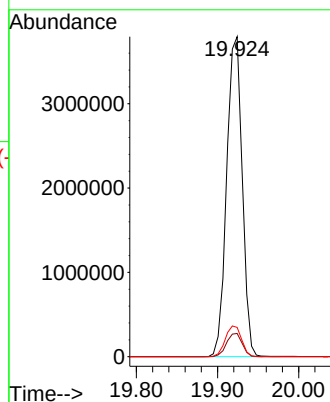
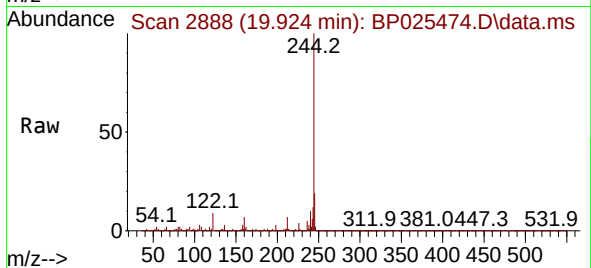
Tgt Ion:244 Resp: 5058581

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.2 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: BP025474.D

Acq: 19 Aug 2025 13:29

Tgt Ion:264 Resp: 1148869

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 22.1 17.4 26.0

