

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024646.D
 Acq On : 15 May 2025 20:45
 Operator : RC/JU
 Sample : Q1984-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-28-050725

Quant Time: May 16 01:18:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	238077	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	986706	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	606578	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	1027752	20.000	ng	0.00
76) Chrysene-d12	21.527	240	846507	20.000	ng	0.00
86) Perylene-d12	24.810	264	1082017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1241075	89.160	ng	0.00
7) Phenol-d6	6.858	99	1448677	81.546	ng	0.00
23) Nitrobenzene-d5	8.810	82	1001600	51.289	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	798210	77.622	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2066705	44.638	ng	0.00
79) Terphenyl-d14	19.816	244	2164640	43.847	ng	0.00

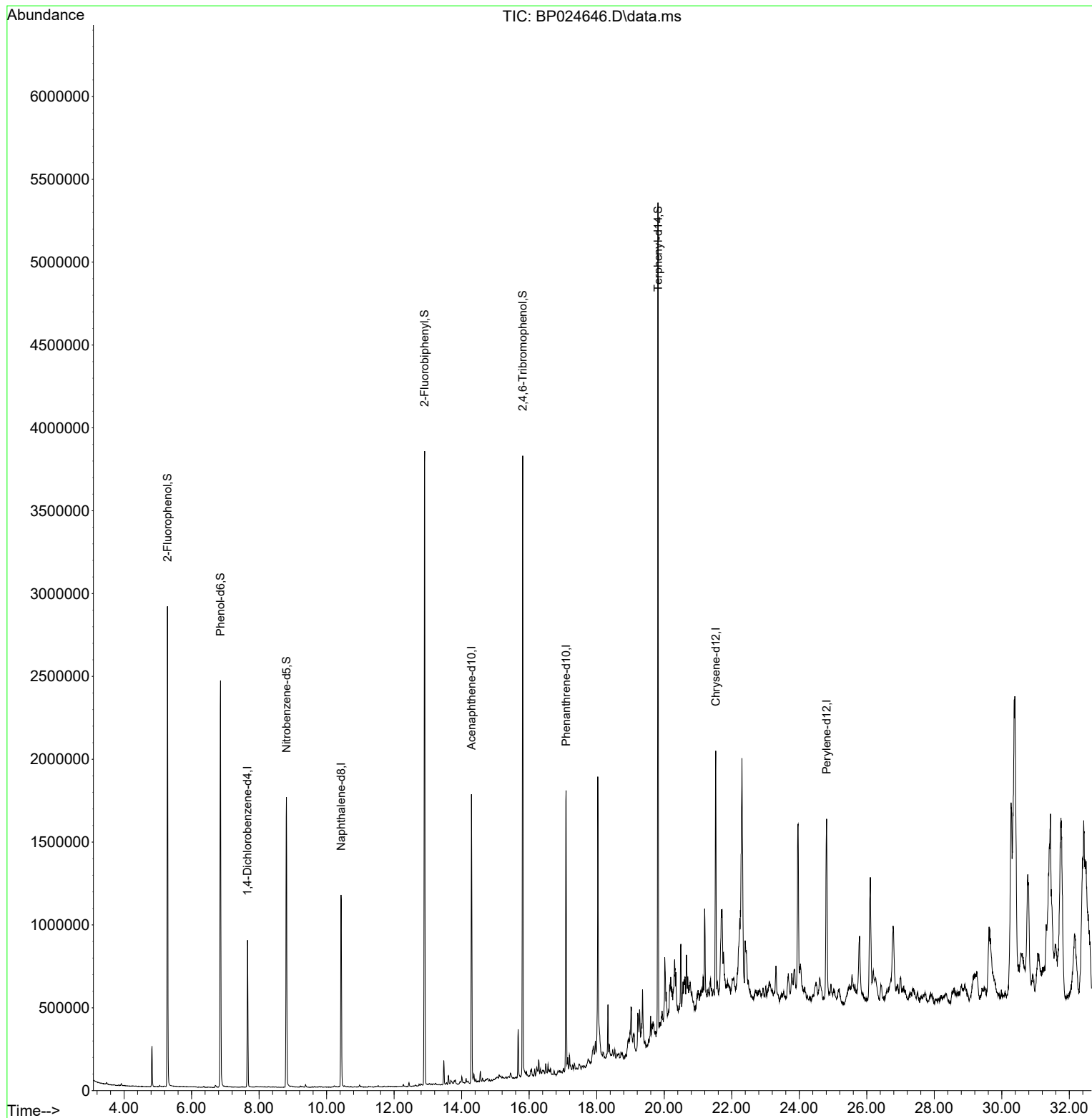
Target Compounds	Qvalue

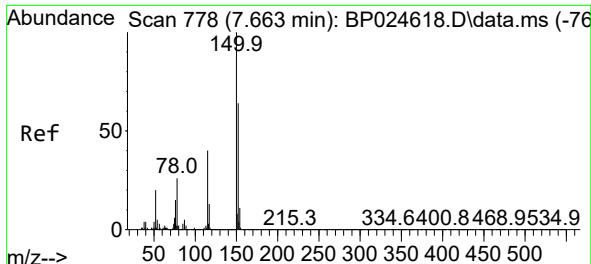
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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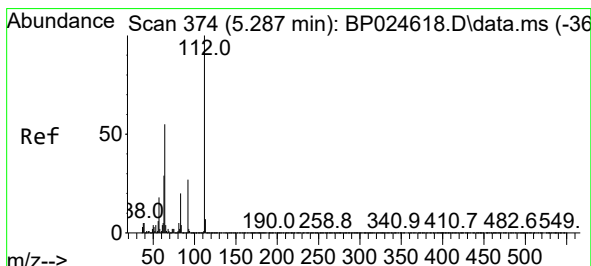
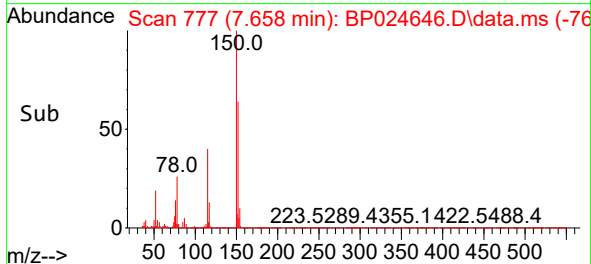
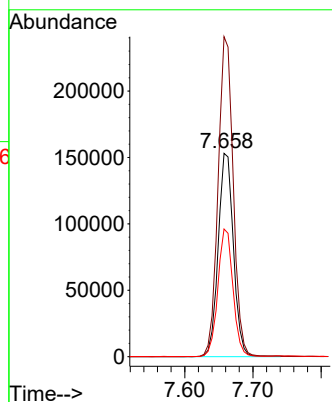
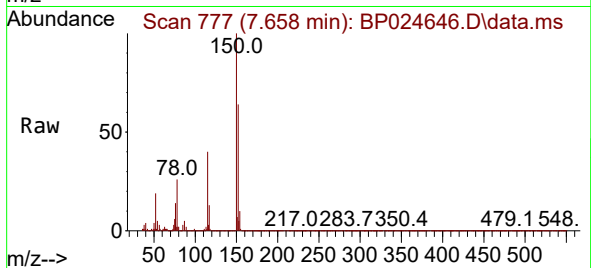




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

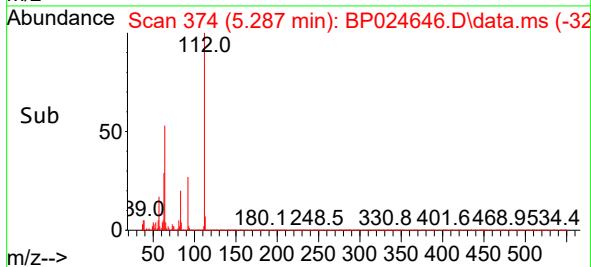
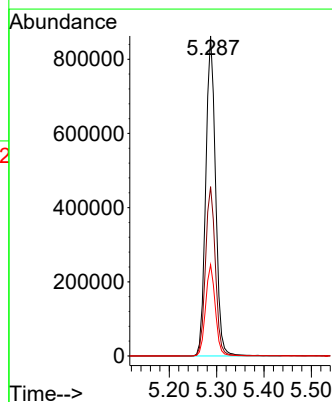
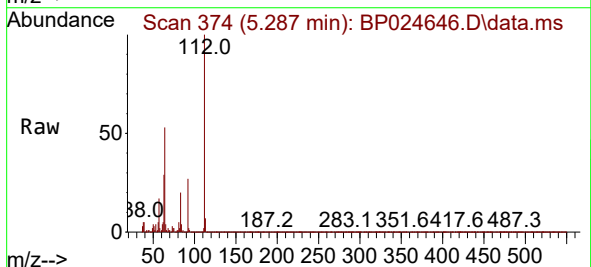
Instrument :
BNA_P
ClientSampleId :
OU4-TS-28-050725

Tgt Ion:152 Resp: 238077
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 62.7 50.1 75.1



#5
2-Fluorophenol
Concen: 89.160 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion:112 Resp: 1241075
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 28.5 23.5 35.3

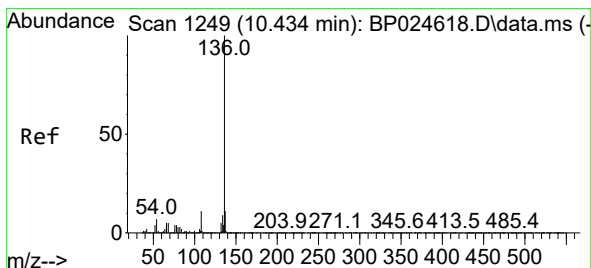
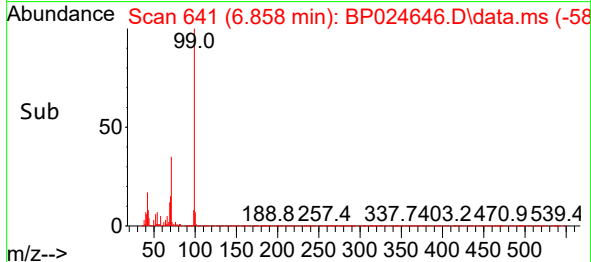
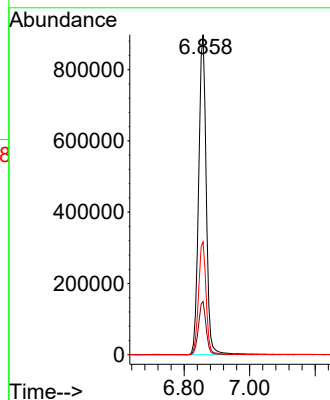
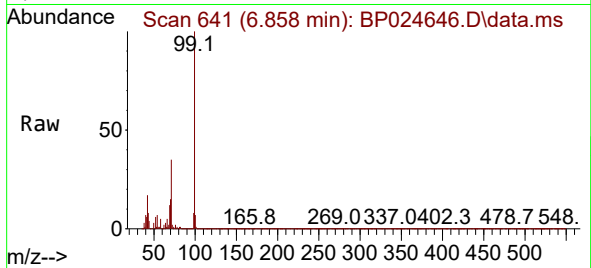




#7
Phenol-d6
Concen: 81.546 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

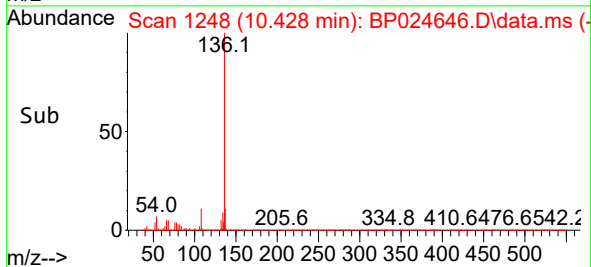
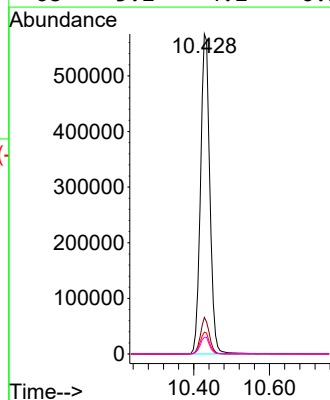
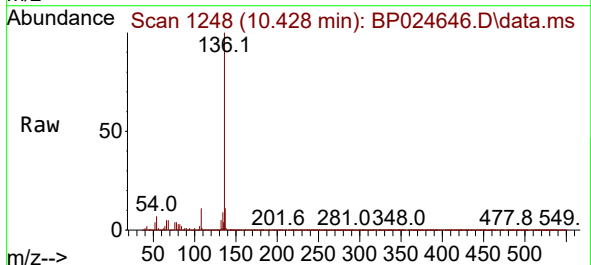
Instrument :
BNA_P
ClientSampleId :
OU4-TS-28-050725

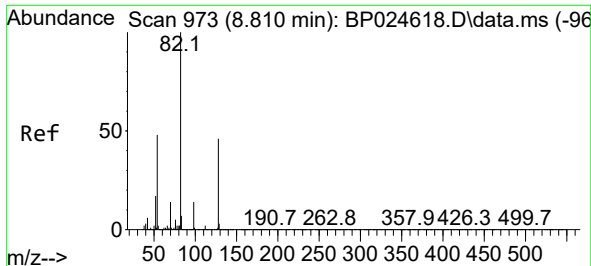
Tgt Ion: 99 Resp: 1448677
Ion Ratio Lower Upper
99 100
42 16.6 14.4 21.6
71 35.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion: 136 Resp: 986706
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.8 5.5 8.3
68 5.2 4.2 6.2

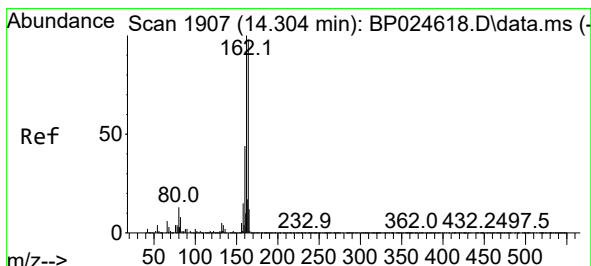
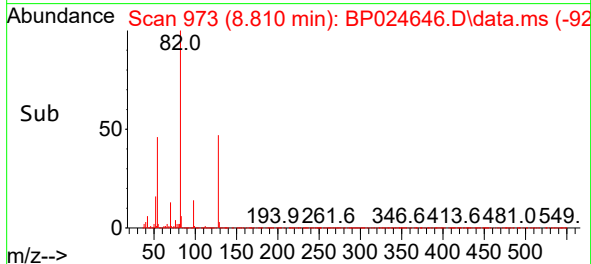
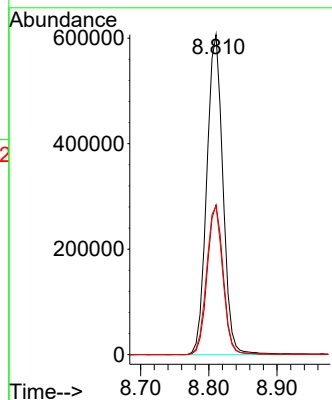
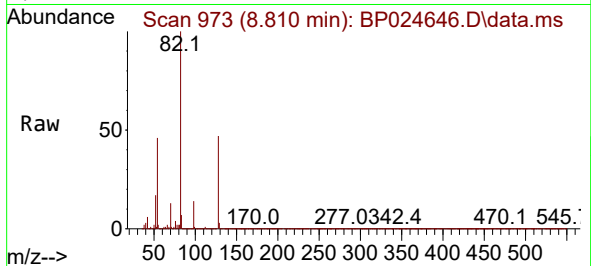




#23
Nitrobenzene-d5
Concen: 51.289 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

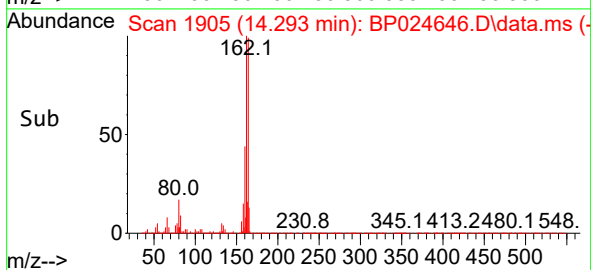
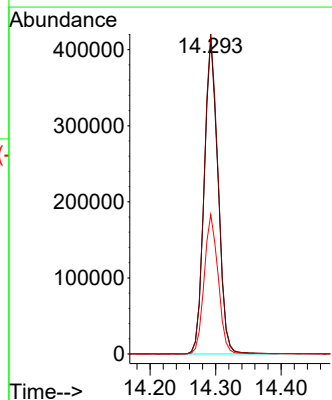
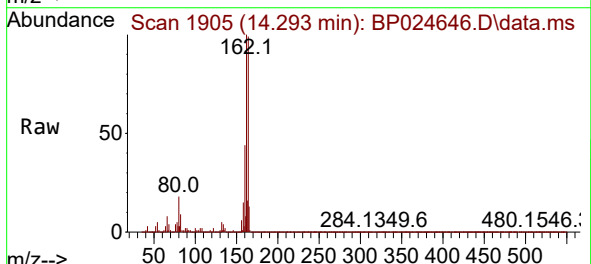
Instrument :
BNA_P
ClientSampleId :
OU4-TS-28-050725

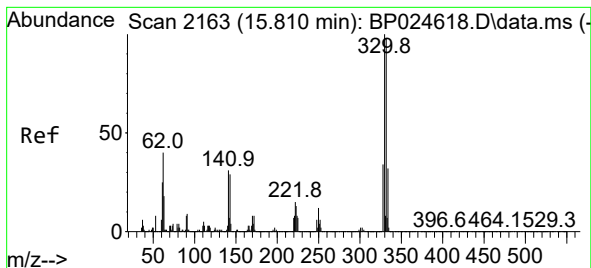
Tgt Ion: 82 Resp: 1001600
Ion Ratio Lower Upper
82 100
128 46.8 37.0 55.4
54 46.4 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion: 164 Resp: 606578
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 44.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 77.622 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024646.D

Acq: 15 May 2025 20:45

Instrument :

BNA_P

ClientSampleId :

OU4-TS-28-050725

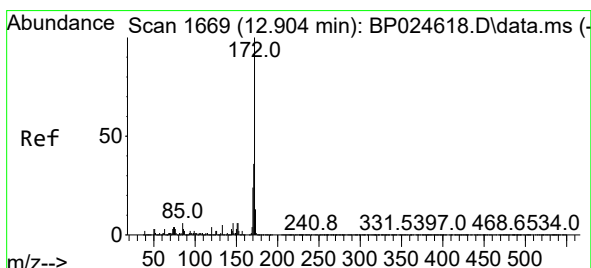
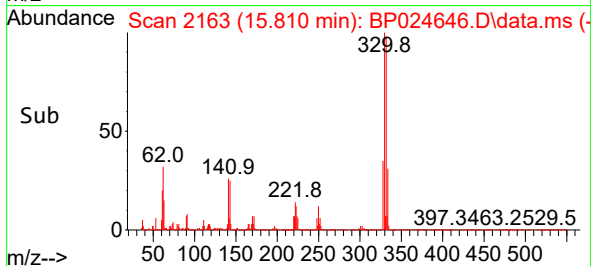
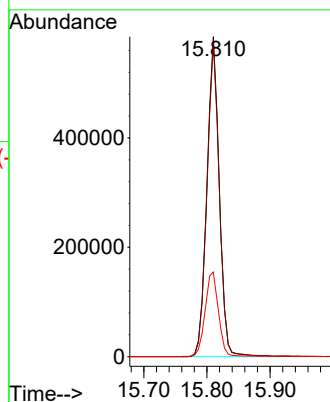
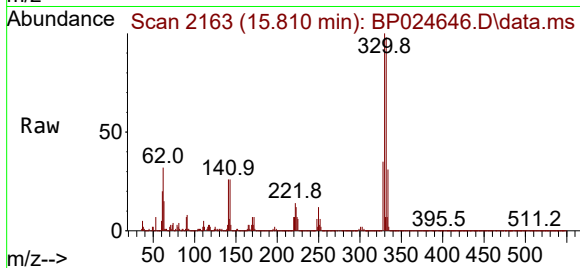
Tgt Ion:330 Resp: 798210

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

141 28.4 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 44.638 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP024646.D

Acq: 15 May 2025 20:45

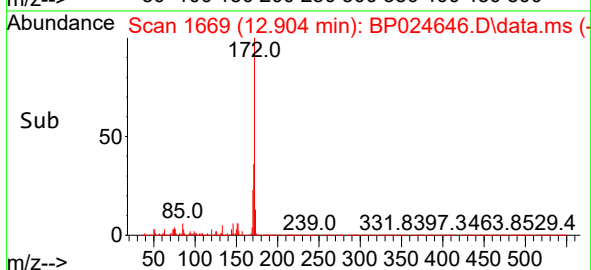
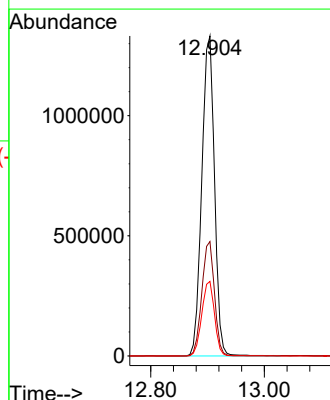
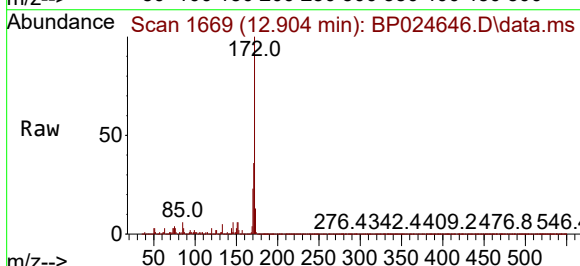
Tgt Ion:172 Resp: 2066705

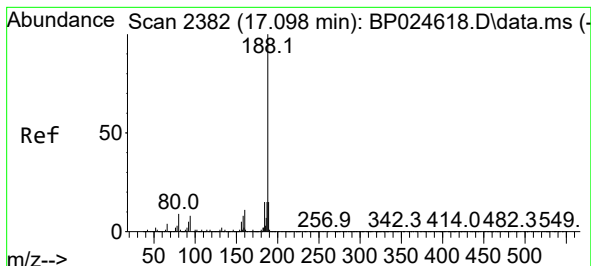
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024646.D

Acq: 15 May 2025 20:45

Instrument :

BNA_P

ClientSampleId :

OU4-TS-28-050725

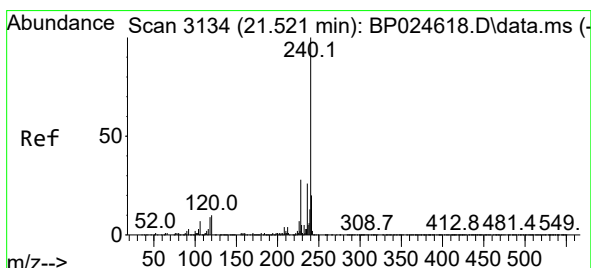
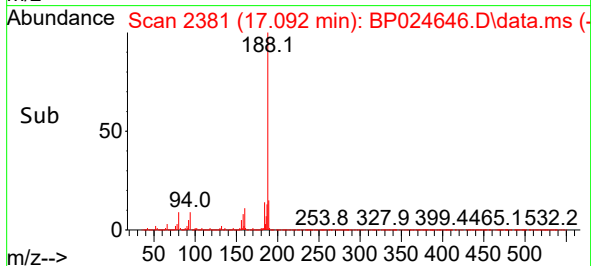
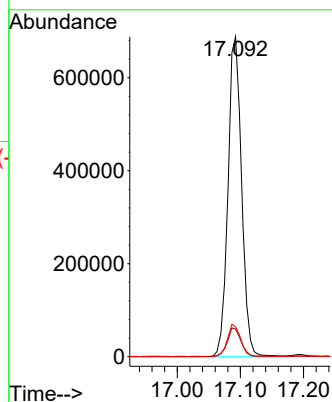
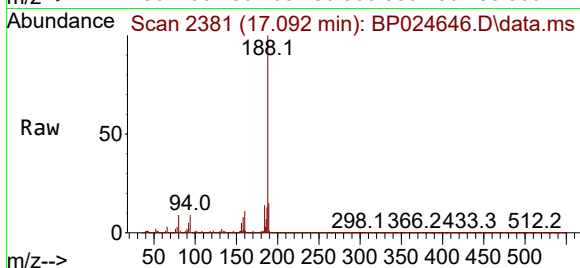
Tgt Ion:188 Resp: 1027752

Ion Ratio Lower Upper

188 100

94 8.6 6.5 9.7

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024646.D

Acq: 15 May 2025 20:45

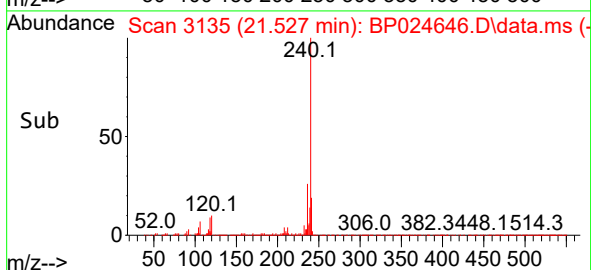
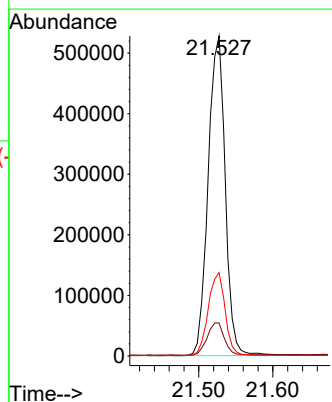
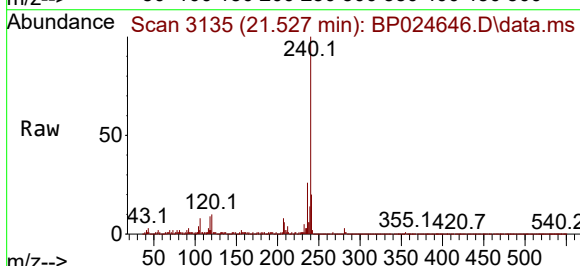
Tgt Ion:240 Resp: 846507

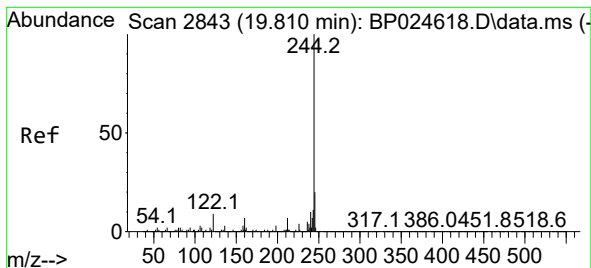
Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

236 26.1 20.6 31.0





#79

Terphenyl-d14

Concen: 43.847 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024646.D

Acq: 15 May 2025 20:45

Instrument :

BNA_P

ClientSampleId :

OU4-TS-28-050725

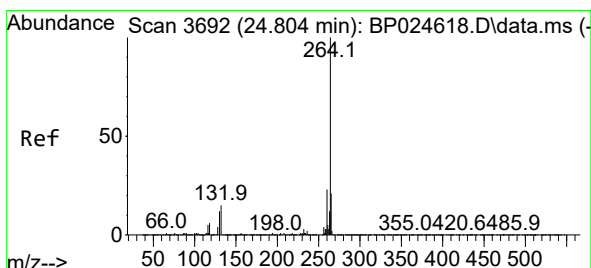
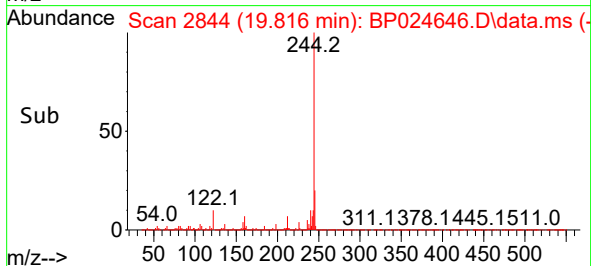
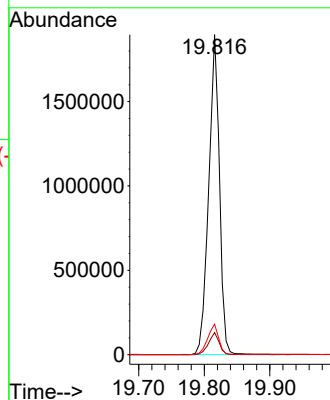
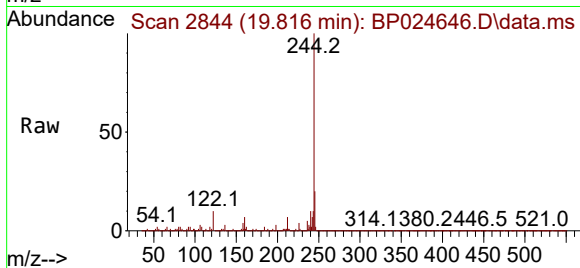
Tgt Ion:244 Resp: 2164640

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.6 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024646.D

Acq: 15 May 2025 20:45

Tgt Ion:264 Resp: 1082017

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.9 17.0 25.6

