

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024264.D
 Acq On : 11 Apr 2025 13:38
 Operator : RC/JU
 Sample : Q1749-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-14

Quant Time: Apr 11 14:12:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	239265	20.000	ng	-0.02
21) Naphthalene-d8	10.504	136	936270	20.000	ng	-0.02
39) Acenaphthene-d10	14.369	164	552747	20.000	ng	-0.02
64) Phenanthrene-d10	17.169	188	1116938	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1311675	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1431875	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2170518	144.809	ng	-0.01
7) Phenol-d6	6.910	99	2551711	127.305	ng	-0.02
23) Nitrobenzene-d5	8.875	82	1765125	106.369	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	1239952	178.089	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	3757276	100.230	ng	-0.02
79) Terphenyl-d14	19.904	244	5709921	89.859	ng	-0.01

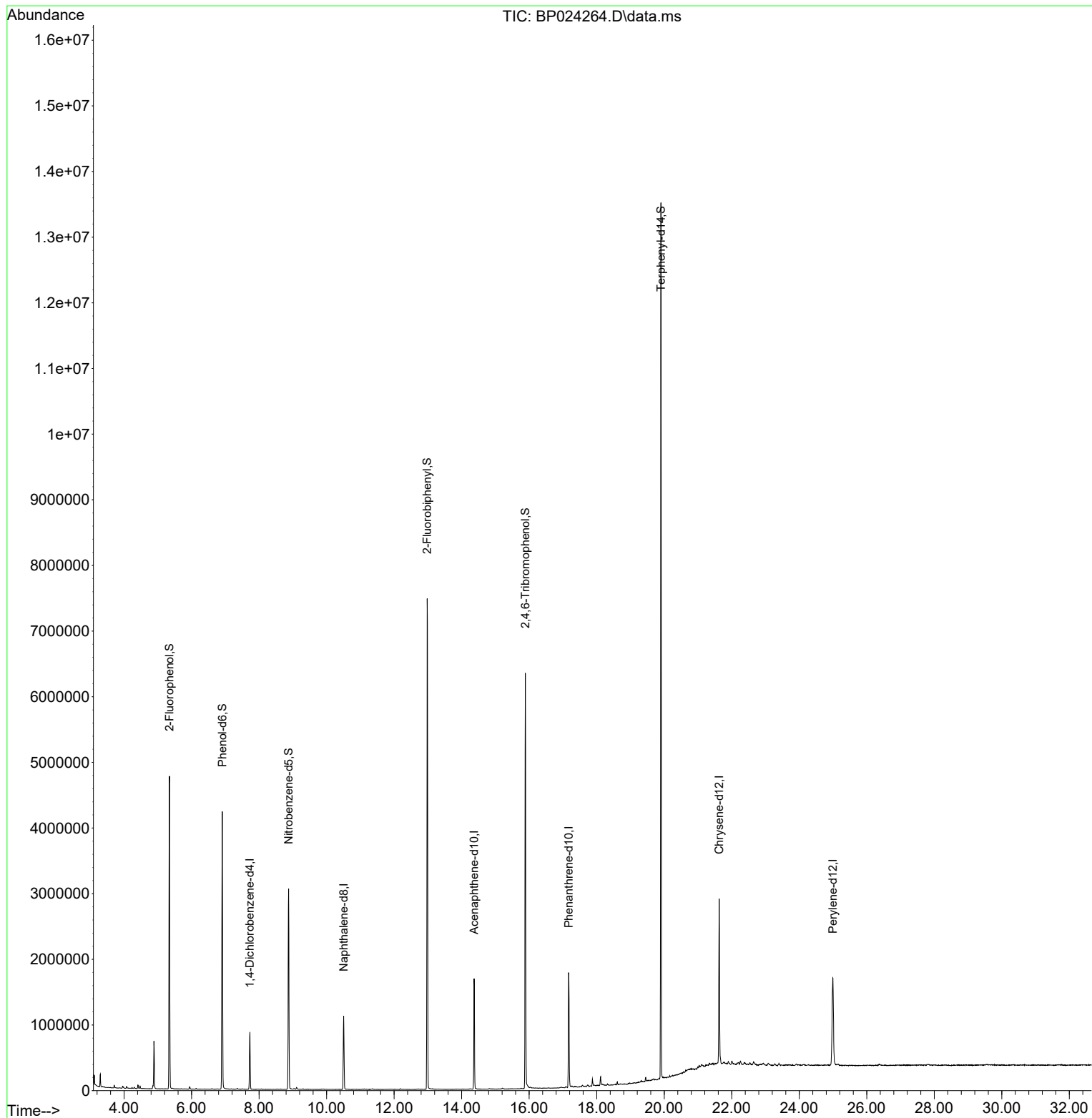
Target Compounds	Qvalue

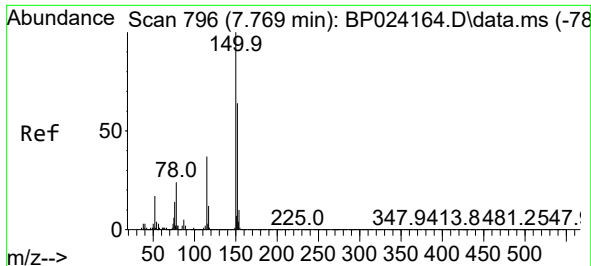
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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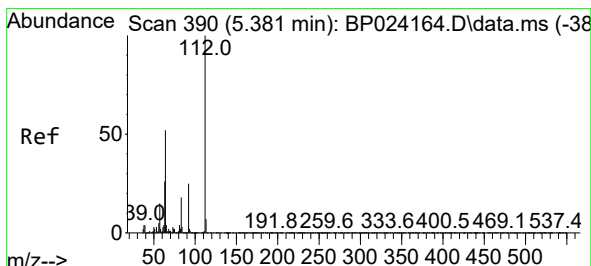
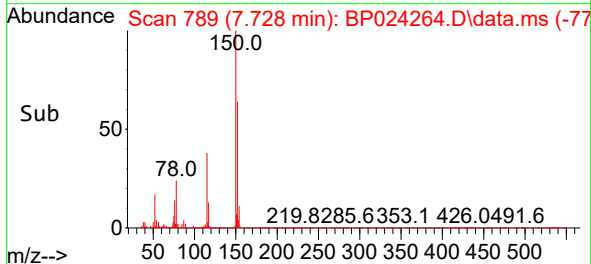
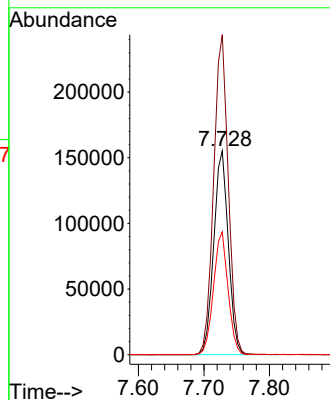
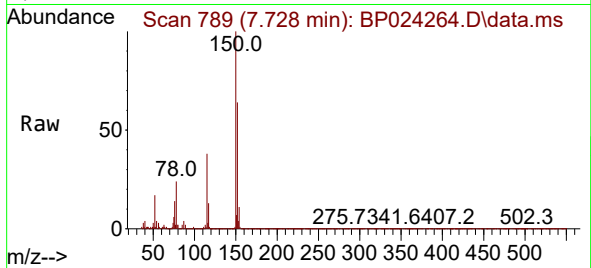




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP024264.D
Acq: 11 Apr 2025 13:38

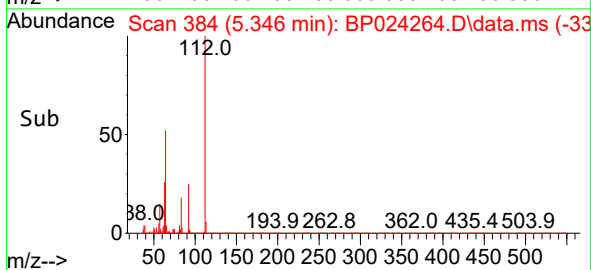
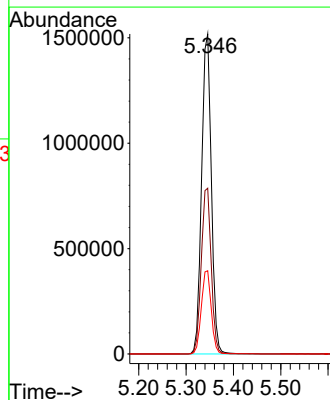
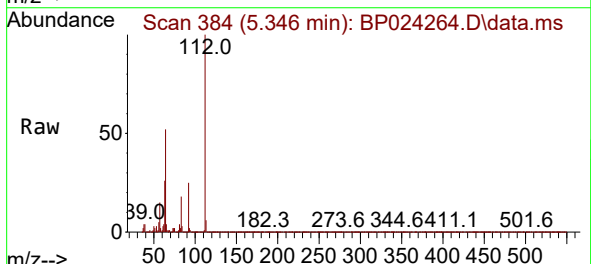
Instrument :
BNA_P
ClientSampleId :
TP-14

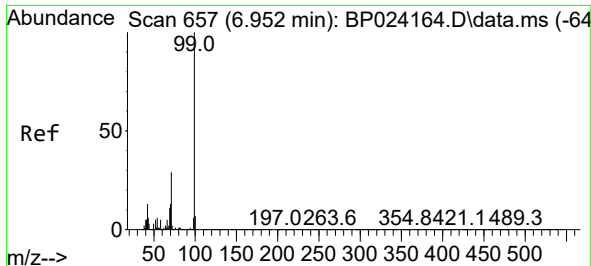
Tgt Ion:152 Resp: 239265
Ion Ratio Lower Upper
152 100
150 157.0 125.5 188.3
115 60.3 46.3 69.5



#5
2-Fluorophenol
Concen: 144.809 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.012 min
Lab File: BP024264.D
Acq: 11 Apr 2025 13:38

Tgt Ion:112 Resp: 2170518
Ion Ratio Lower Upper
112 100
64 51.8 41.3 61.9
63 26.0 20.6 31.0

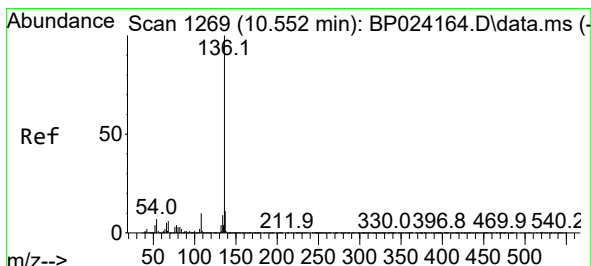
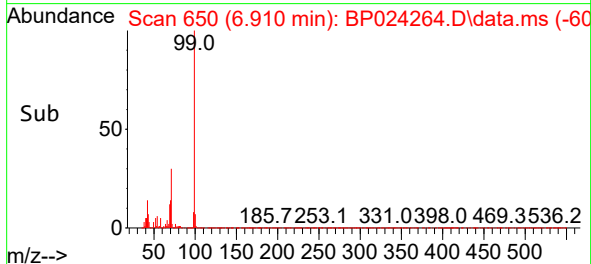
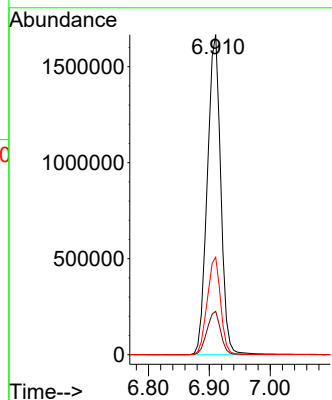
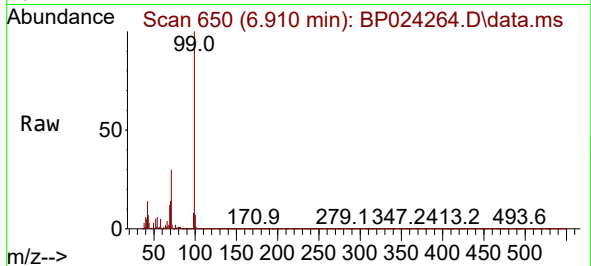




#7
Phenol-d6
Concen: 127.305 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024264.D
Acq: 11 Apr 2025 13:38

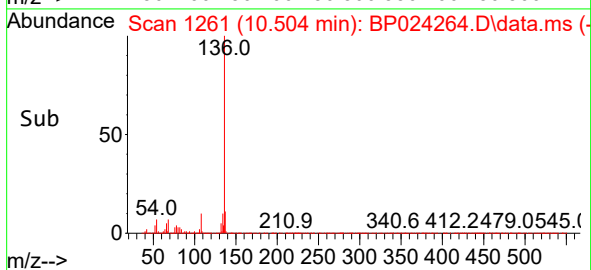
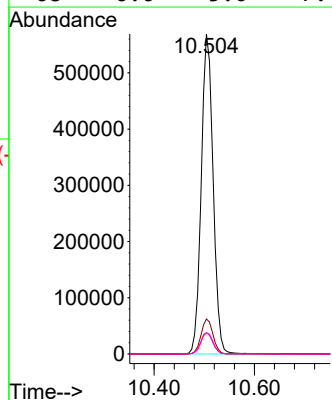
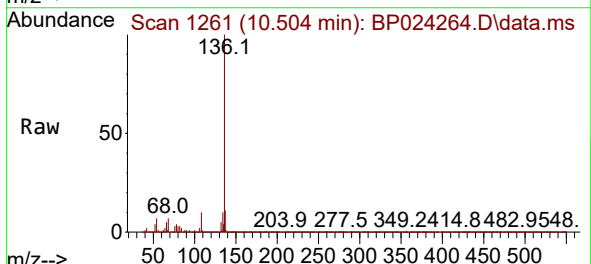
Instrument :
BNA_P
ClientSampleId :
TP-14

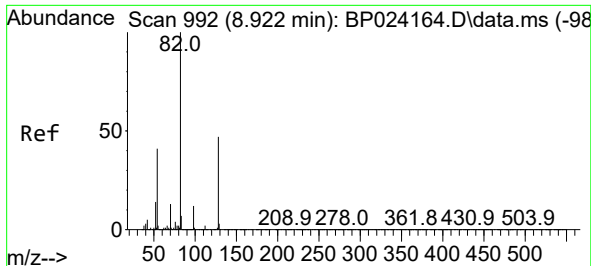
Tgt Ion: 99 Resp: 2551711
Ion Ratio Lower Upper
99 100
42 13.6 10.6 16.0
71 30.5 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.023 min
Lab File: BP024264.D
Acq: 11 Apr 2025 13:38

Tgt Ion:136 Resp: 936270
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.7 5.3 7.9
68 6.6 5.0 7.4

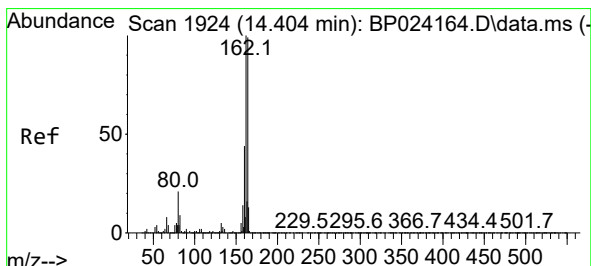
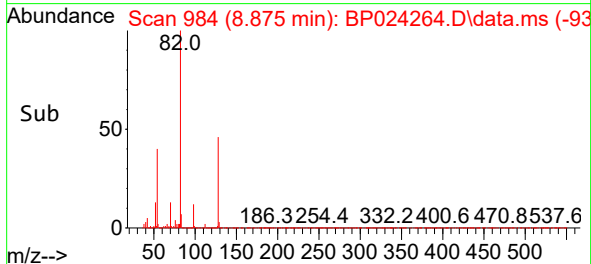
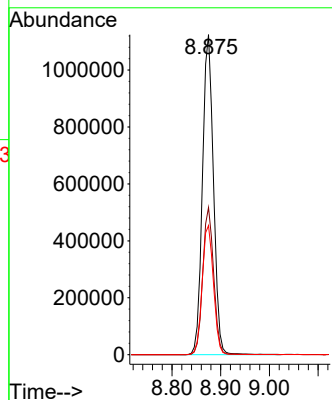
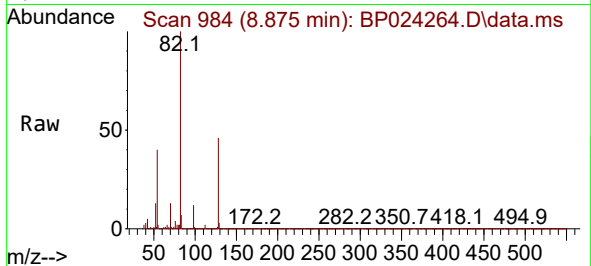




#23
Nitrobenzene-d5
Concen: 106.369 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024264.D
Acq: 11 Apr 2025 13:38

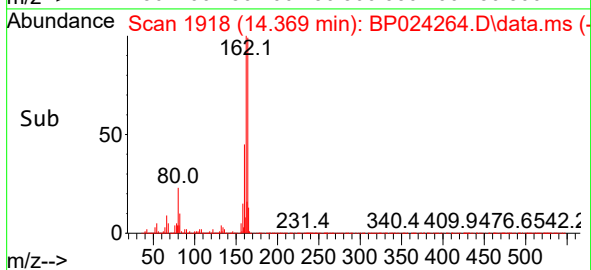
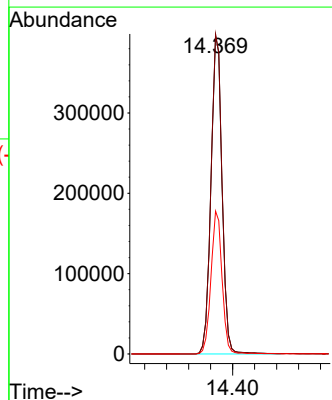
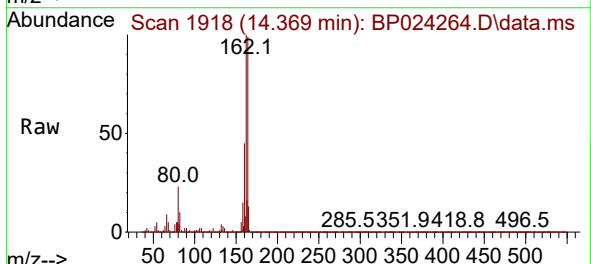
Instrument :
BNA_P
ClientSampleId :
TP-14

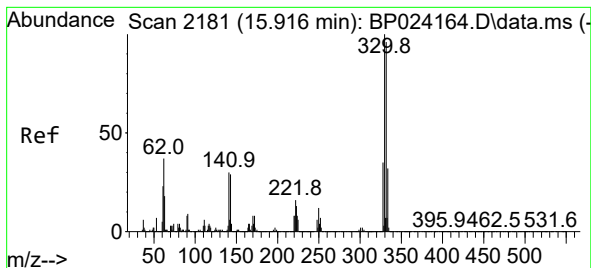
Tgt Ion: 82 Resp: 1765125
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.0
54 40.4 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.023 min
Lab File: BP024264.D
Acq: 11 Apr 2025 13:38

Tgt Ion: 164 Resp: 552747
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 178.089 ng

RT: 15.886 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BP024264.D

Acq: 11 Apr 2025 13:38

Instrument :

BNA_P

ClientSampleId :

TP-14

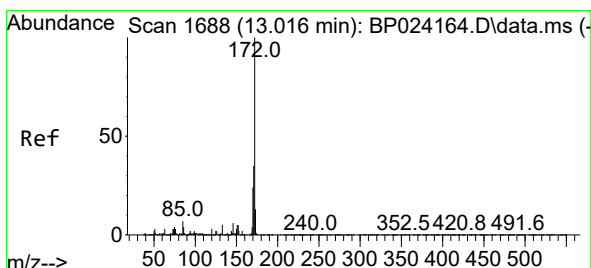
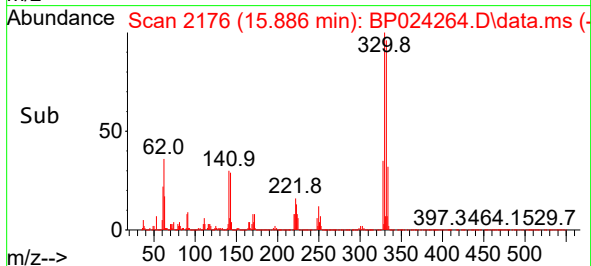
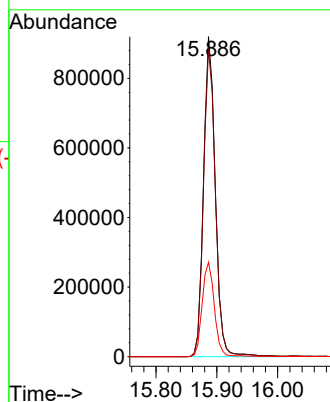
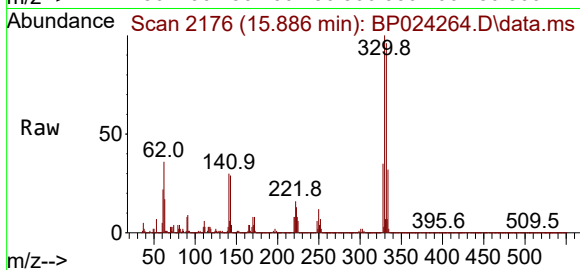
Tgt Ion:330 Resp: 1239952

Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

141 30.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 100.230 ng

RT: 12.981 min Scan# 1682

Delta R.T. -0.018 min

Lab File: BP024264.D

Acq: 11 Apr 2025 13:38

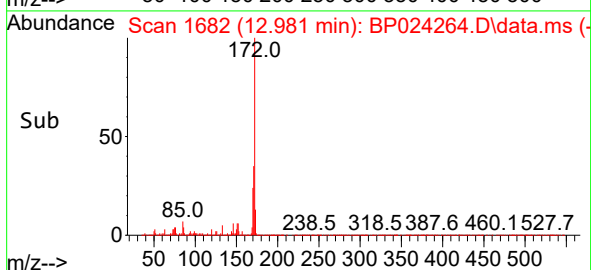
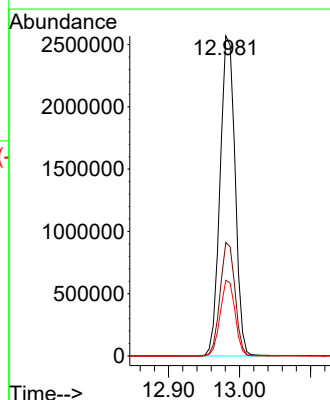
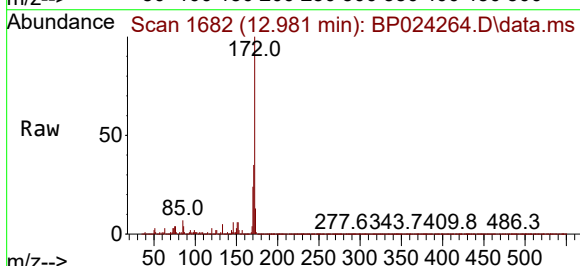
Tgt Ion:172 Resp: 3757276

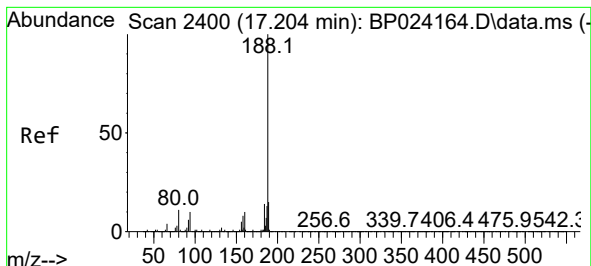
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.169 min Scan# 2116

Delta R.T. -0.023 min

Lab File: BP024264.D

Acq: 11 Apr 2025 13:38

Instrument :

BNA_P

ClientSampleId :

TP-14

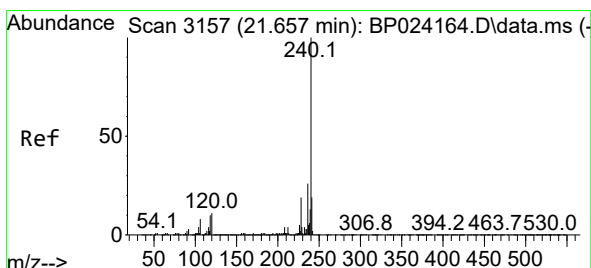
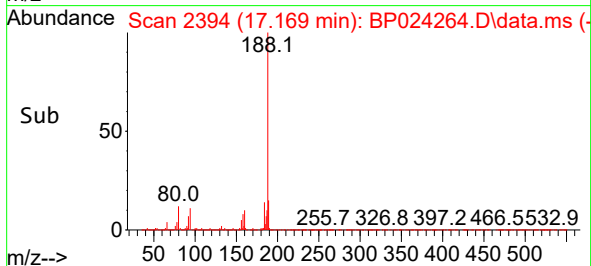
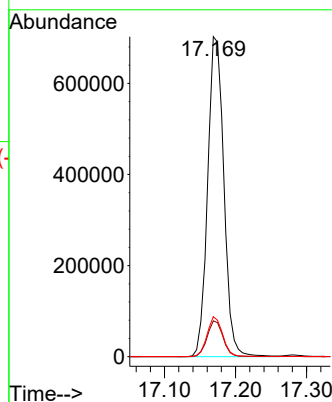
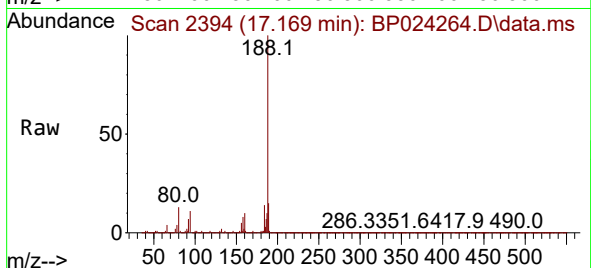
Tgt Ion:188 Resp: 1116938

Ion Ratio Lower Upper

188 100

94 11.2 8.1 12.1

80 12.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3152

Delta R.T. -0.018 min

Lab File: BP024264.D

Acq: 11 Apr 2025 13:38

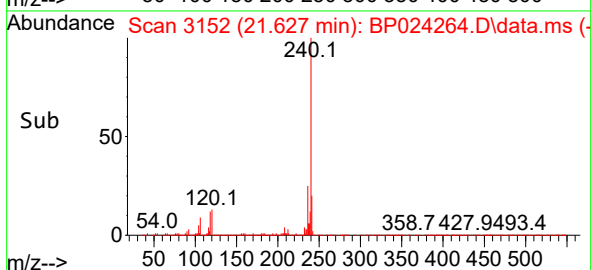
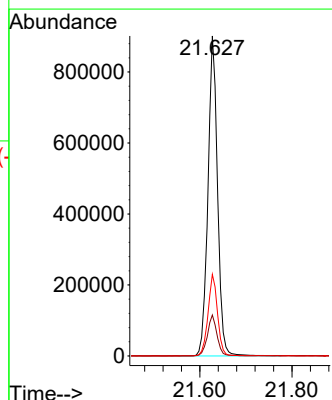
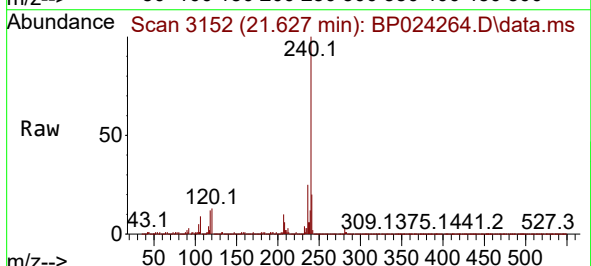
Tgt Ion:240 Resp: 1311675

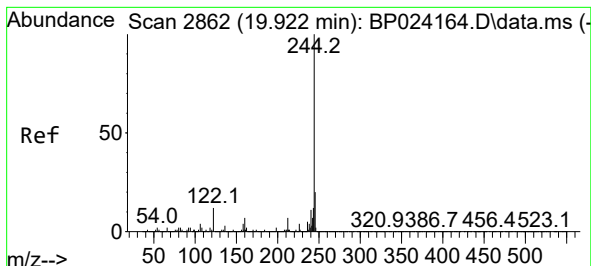
Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 89.859 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024264.D

Acq: 11 Apr 2025 13:38

Instrument :

BNA_P

ClientSampleId :

TP-14

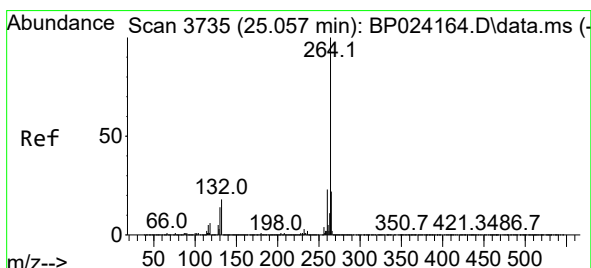
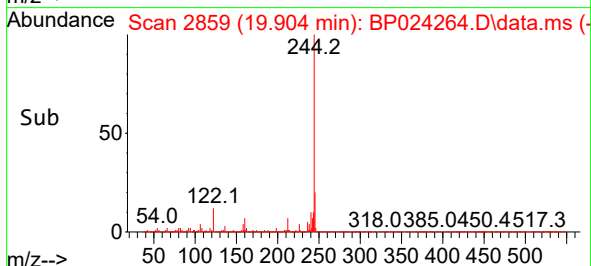
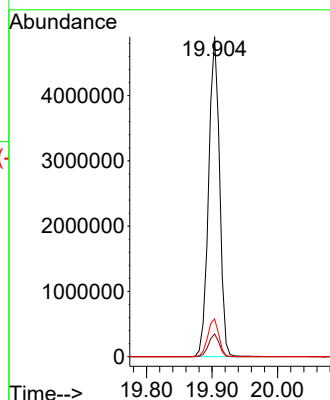
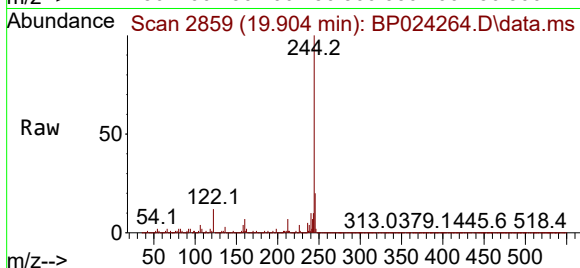
Tgt Ion:244 Resp: 5709921

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3725

Delta R.T. -0.012 min

Lab File: BP024264.D

Acq: 11 Apr 2025 13:38

Tgt Ion:264 Resp: 1431875

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.7 17.7 26.5

