

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024466.D
 Acq On : 29 Apr 2025 19:24
 Operator : RC/JU
 Sample : Q1871-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-B

Quant Time: Apr 30 01:19:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	161596	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	616733	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	383200	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	785134	20.000	ng	0.00
76) Chrysene-d12	21.586	240	958757	20.000	ng	0.00
86) Perylene-d12	24.939	264	955475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1089311	111.459	ng	0.00
7) Phenol-d6	6.899	99	1291266	96.491	ng	-0.01
23) Nitrobenzene-d5	8.857	82	855034	79.054	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	810844	152.938	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1921664	76.782	ng	-0.01
79) Terphenyl-d14	19.869	244	4141008	87.058	ng	0.00

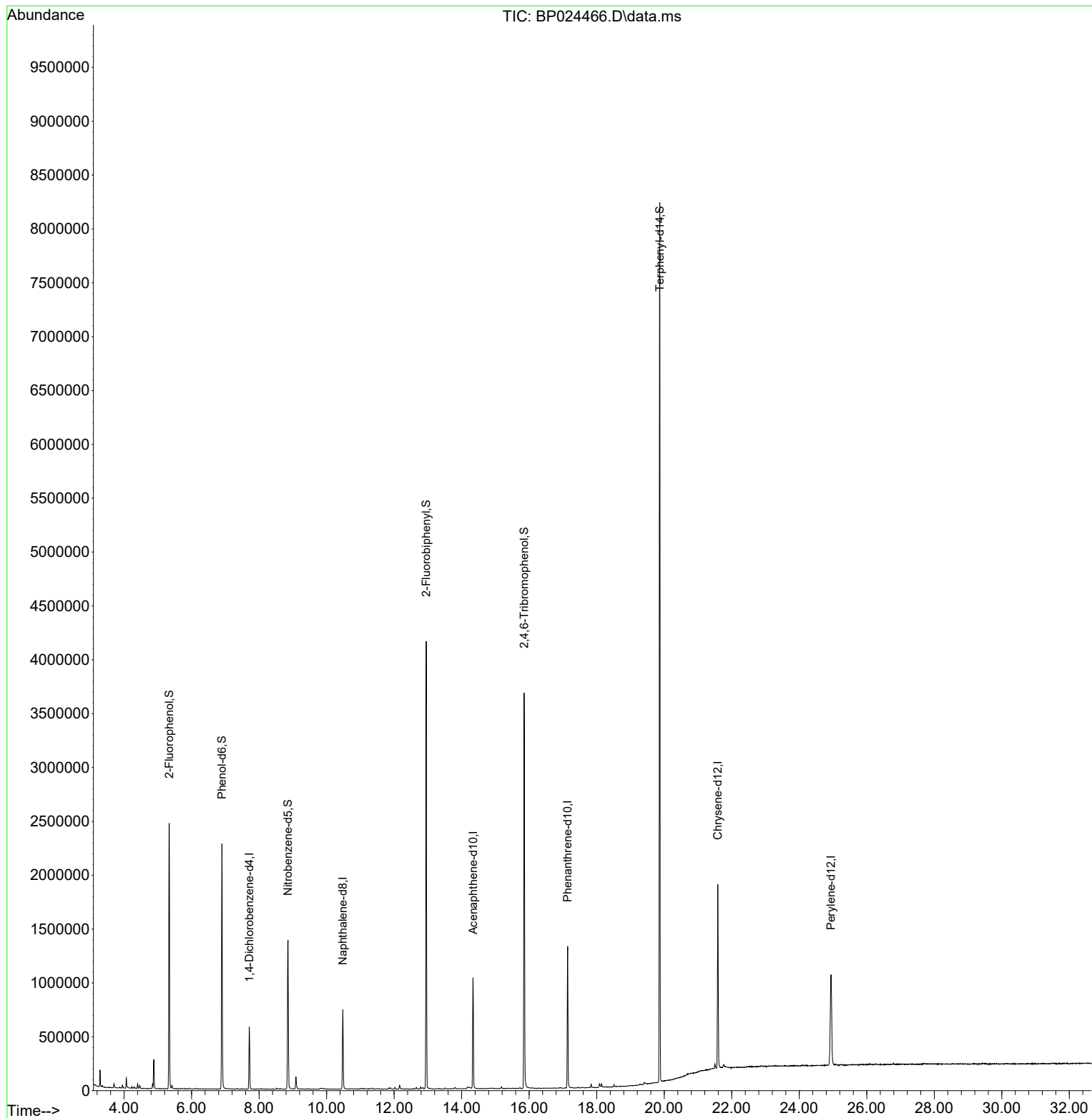
Target Compounds	Qvalue

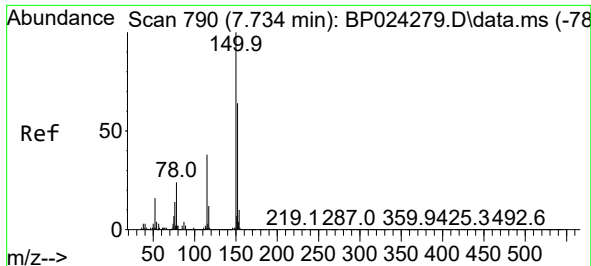
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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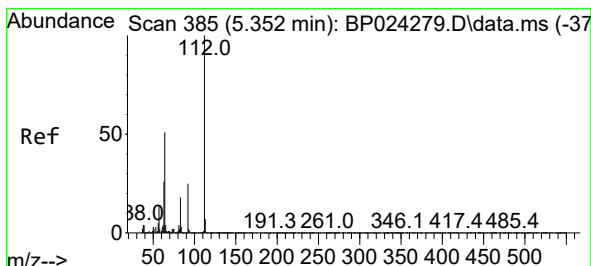
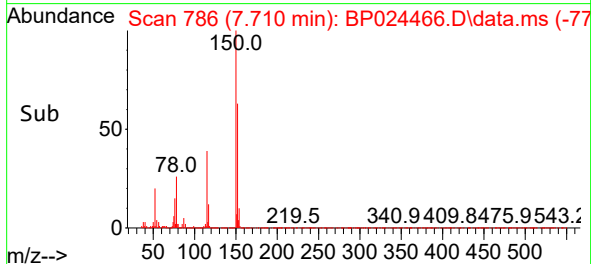
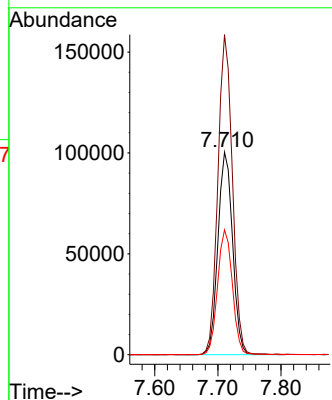
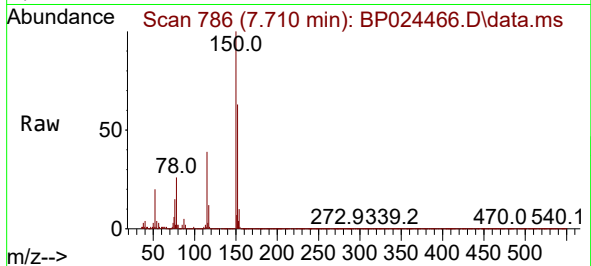




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024466.D
Acq: 29 Apr 2025 19:24

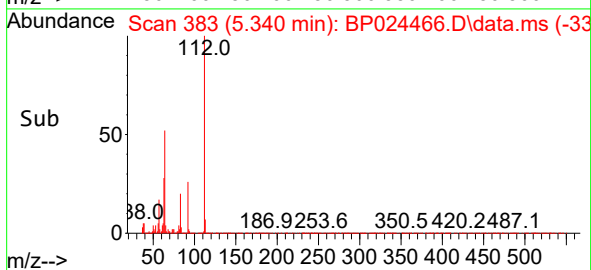
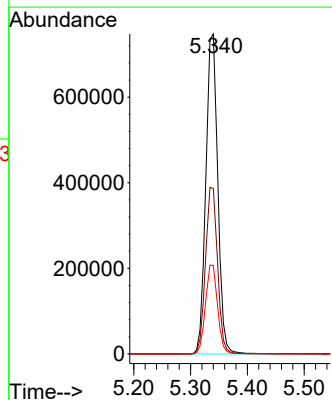
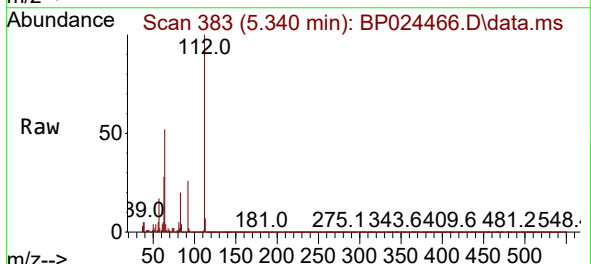
Instrument :
BNA_P
ClientSampleId :
MH-B

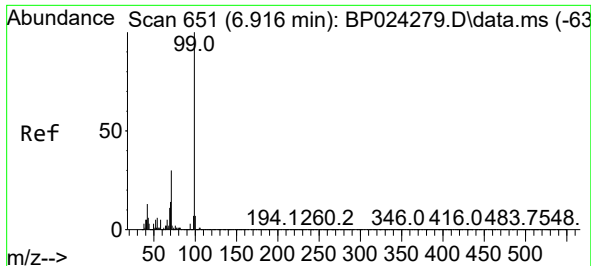
Tgt Ion:152 Resp: 161596
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 111.459 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024466.D
Acq: 29 Apr 2025 19:24

Tgt Ion:112 Resp: 1089311
Ion Ratio Lower Upper
112 100
64 51.8 41.1 61.7
63 27.7 20.6 30.8

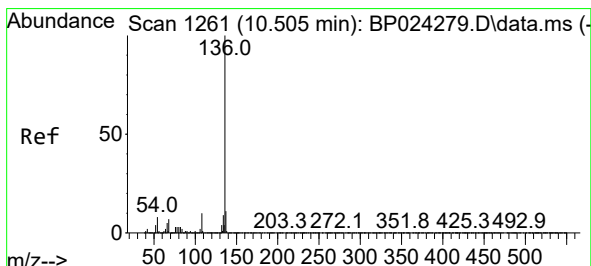
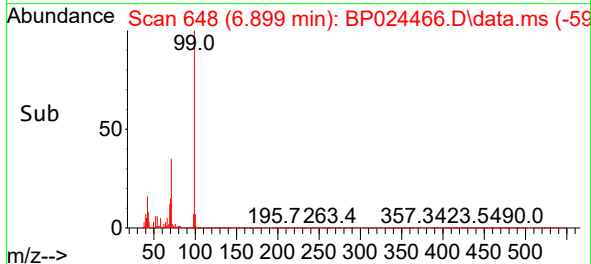
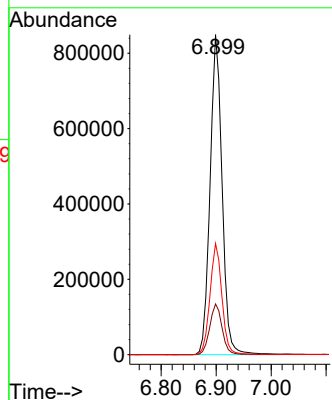
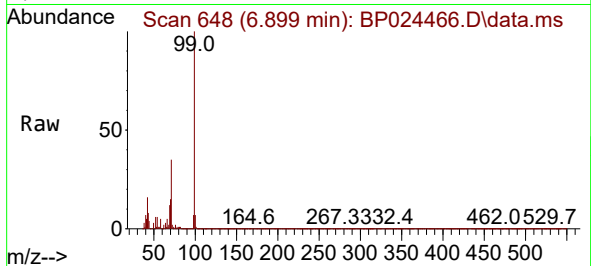




#7
Phenol-d6
Concen: 96.491 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024466.D
Acq: 29 Apr 2025 19:24

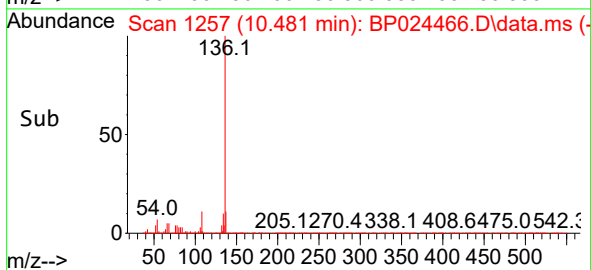
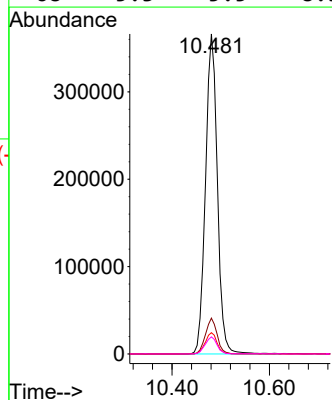
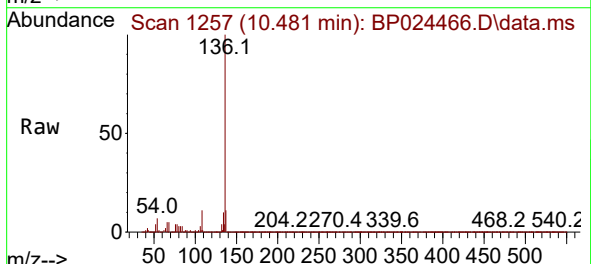
Instrument :
BNA_P
ClientSampleId :
MH-B

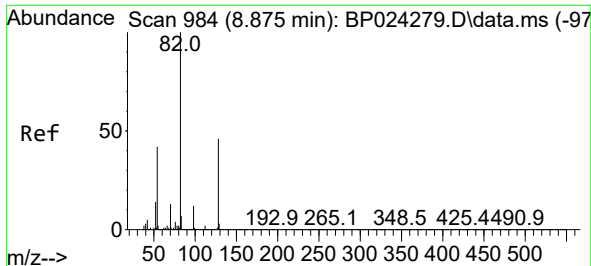
Tgt Ion: 99 Resp: 1291266
Ion Ratio Lower Upper
99 100
42 15.9 10.6 16.0
71 34.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024466.D
Acq: 29 Apr 2025 19:24

Tgt Ion: 136 Resp: 616733
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.7 6.0 9.0
68 5.3 5.5 8.3

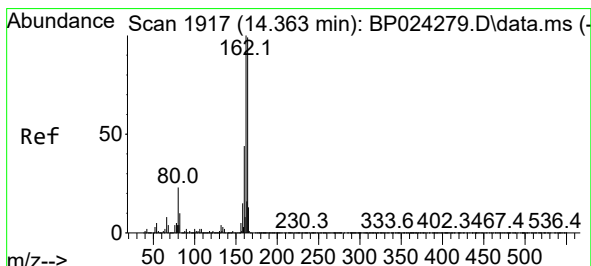
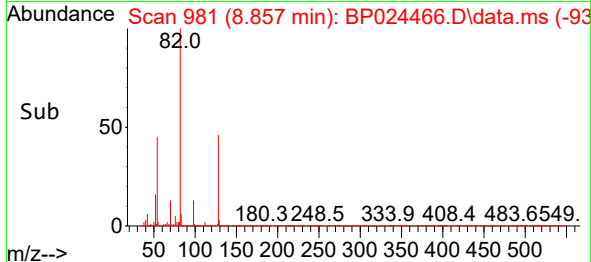
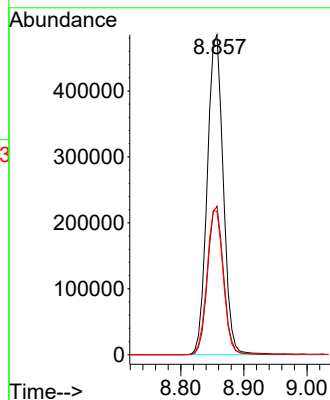
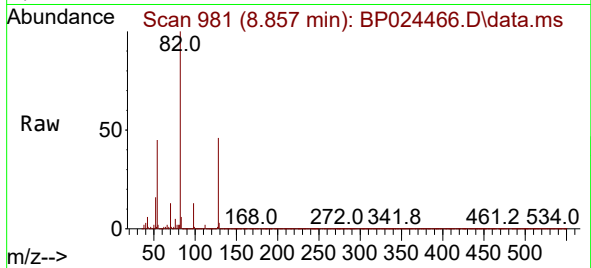




#23
 Nitrobenzene-d5
 Concen: 79.054 ng
 RT: 8.857 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP024466.D
 Acq: 29 Apr 2025 19:24

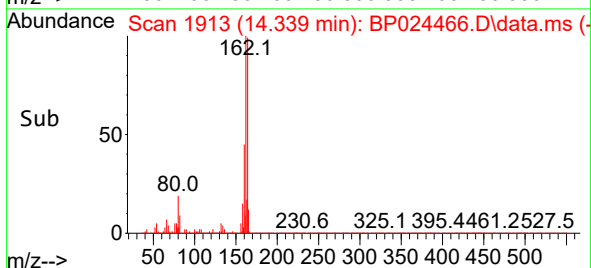
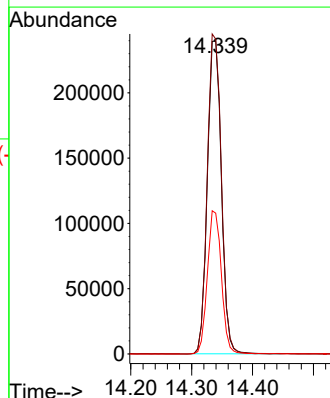
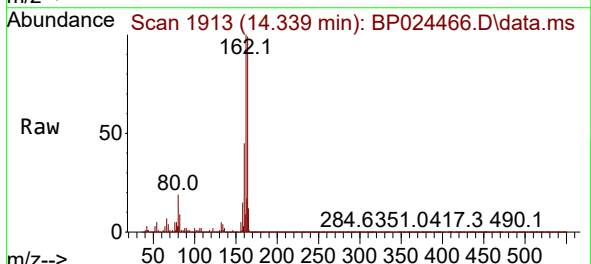
Instrument :
 BNA_P
 ClientSampleId :
 MH-B

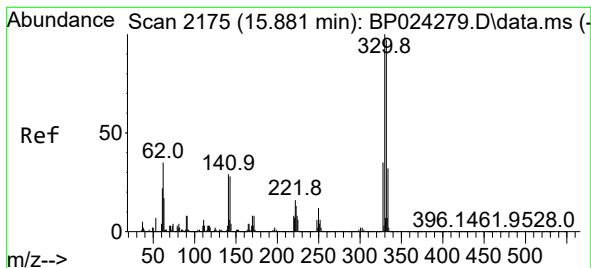
Tgt Ion: 82 Resp: 855034
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.5 54.7
 54 44.7 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.339 min Scan# 1913
 Delta R.T. -0.012 min
 Lab File: BP024466.D
 Acq: 29 Apr 2025 19:24

Tgt Ion: 164 Resp: 383200
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.6 120.8
 160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 152.938 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024466.D

Acq: 29 Apr 2025 19:24

Instrument :

BNA_P

ClientSampleId :

MH-B

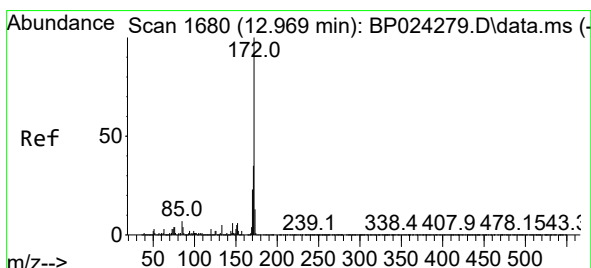
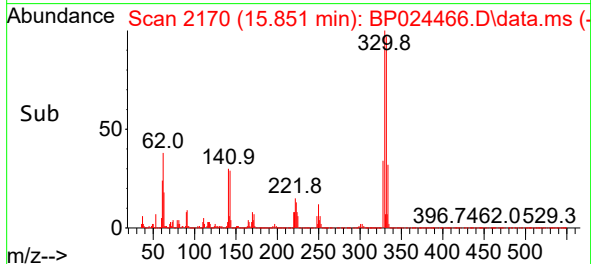
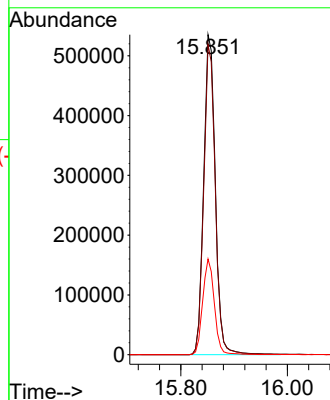
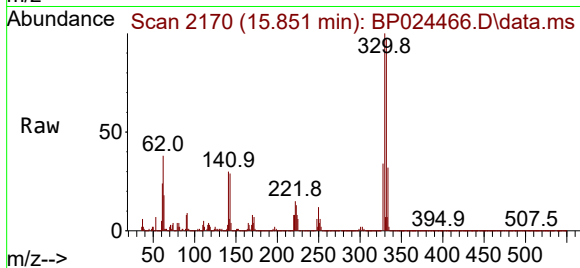
Tgt Ion:330 Resp: 810844

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 30.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 76.782 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024466.D

Acq: 29 Apr 2025 19:24

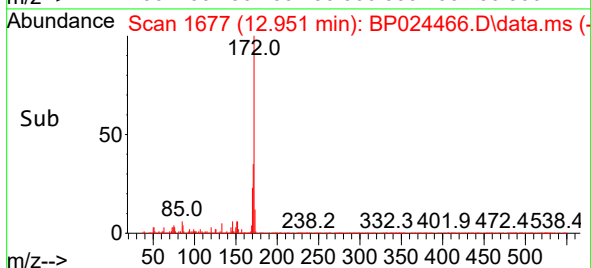
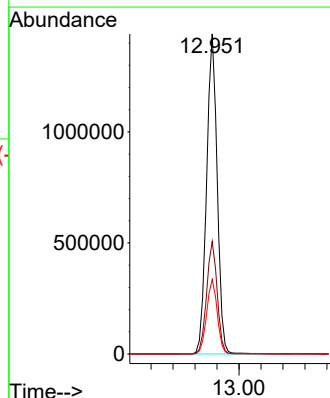
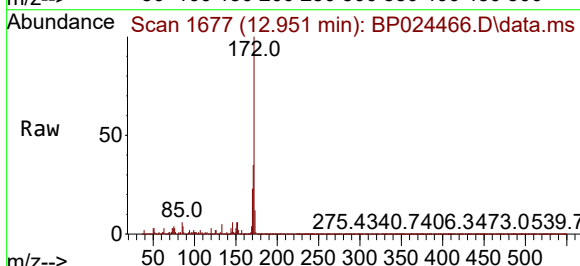
Tgt Ion:172 Resp: 1921664

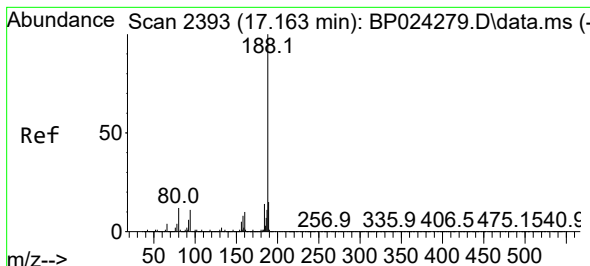
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024466.D

Acq: 29 Apr 2025 19:24

Instrument :

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ClientSampleId :

MH-B

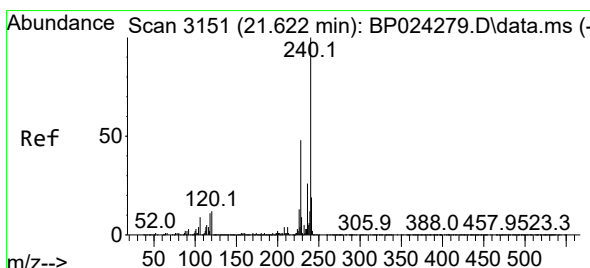
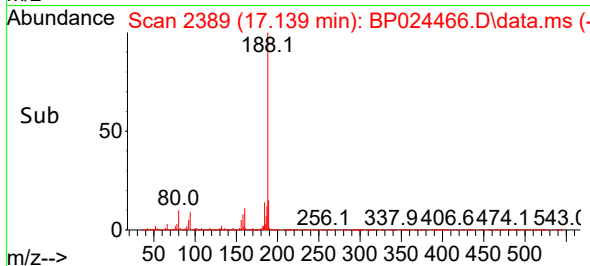
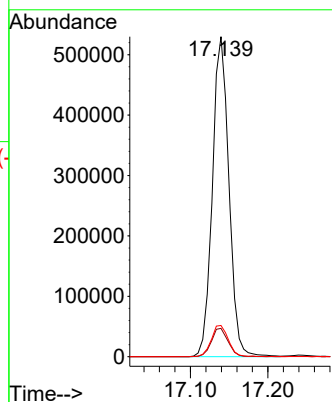
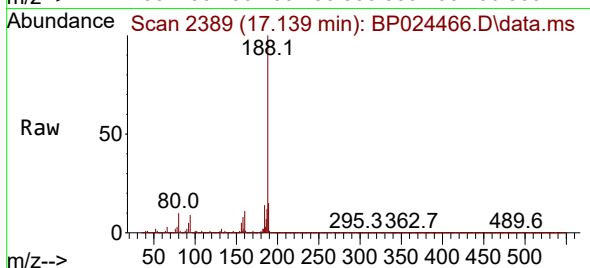
Tgt Ion:188 Resp: 785134

Ion Ratio Lower Upper

188 100

94 8.9 8.6 13.0

80 9.8 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP024466.D

Acq: 29 Apr 2025 19:24

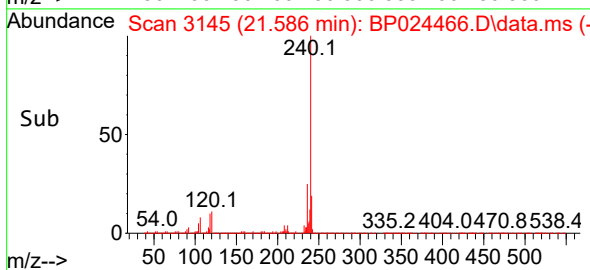
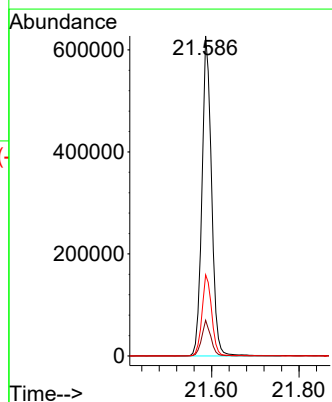
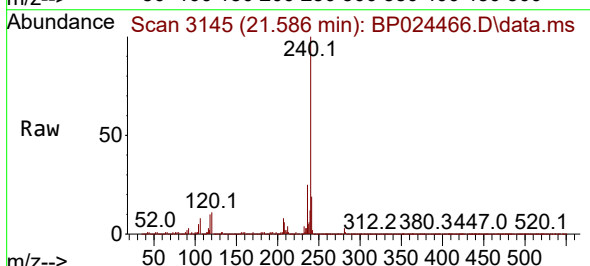
Tgt Ion:240 Resp: 958757

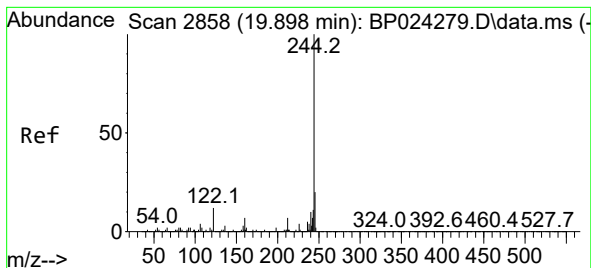
Ion Ratio Lower Upper

240 100

120 11.1 9.8 14.8

236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 87.058 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024466.D

Acq: 29 Apr 2025 19:24

Instrument :

BNA_P

ClientSampleId :

MH-B

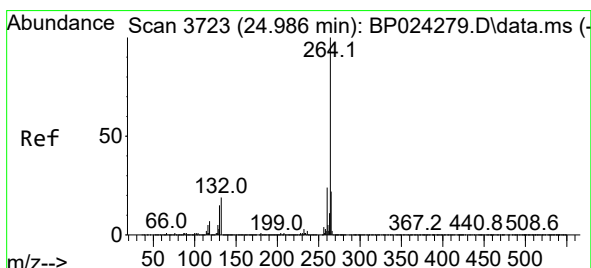
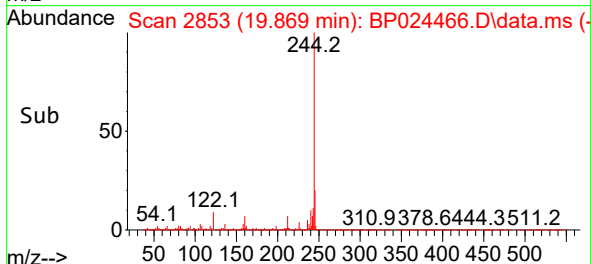
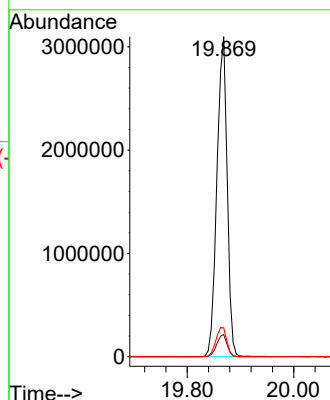
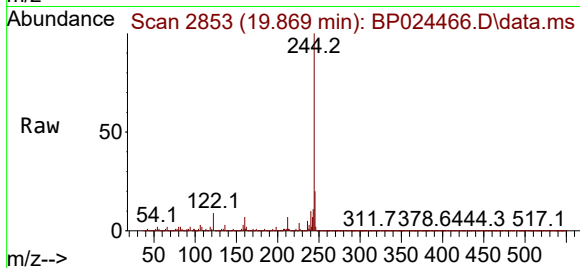
Tgt Ion:244 Resp: 4141008

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.0 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024466.D

Acq: 29 Apr 2025 19:24

Tgt Ion:264 Resp: 955475

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.4 17.8 26.6

