

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024180.D
 Acq On : 18 Mar 2025 10:26
 Operator : RC/JU
 Sample : PB167157BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167157BL

Quant Time: Mar 18 11:08:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	334055	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1336335	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	814855	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1550471	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1479758	20.000	ng	0.00
86) Perylene-d12	25.051	264	1571336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3169610	151.460	ng	0.00
7) Phenol-d6	6.946	99	4016663	143.529	ng	0.00
23) Nitrobenzene-d5	8.916	82	2294715	96.885	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1494177	145.573	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5406055	97.826	ng	0.00
79) Terphenyl-d14	19.933	244	7903635	110.254	ng	0.01

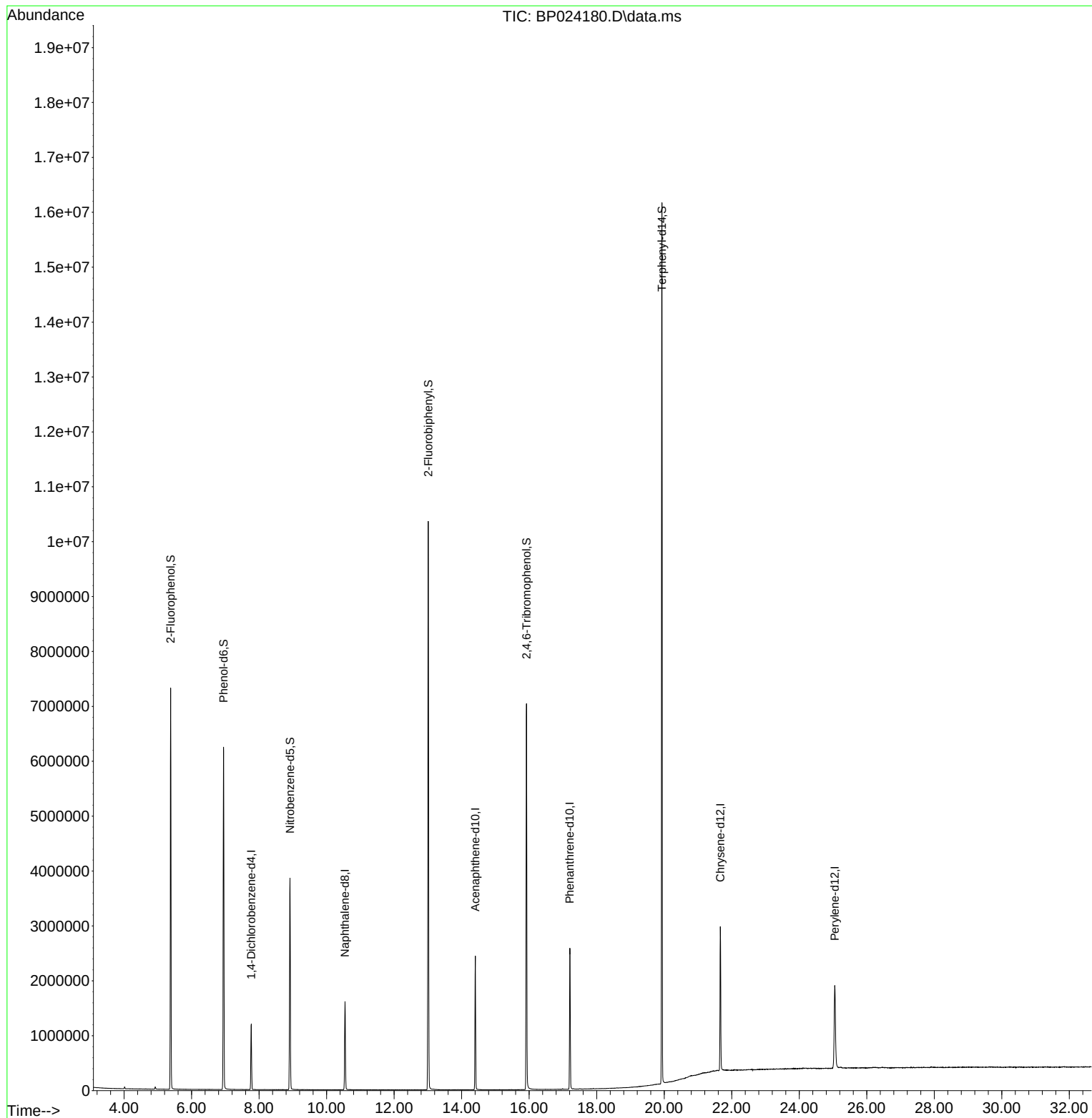
Target Compounds	Qvalue

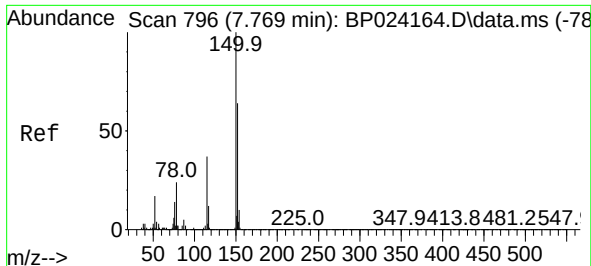
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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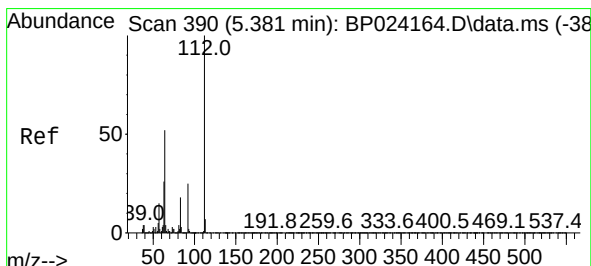
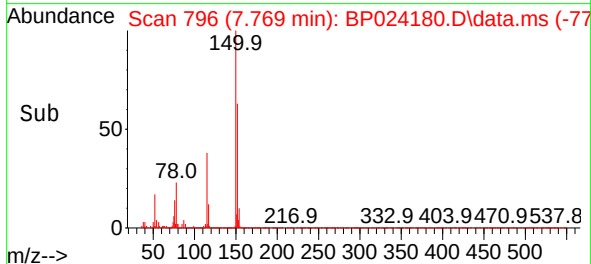
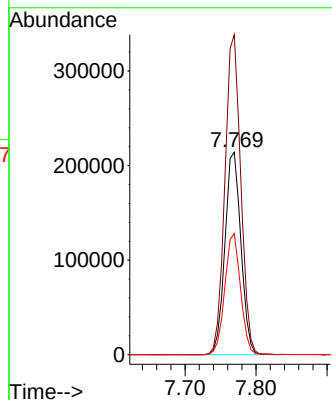
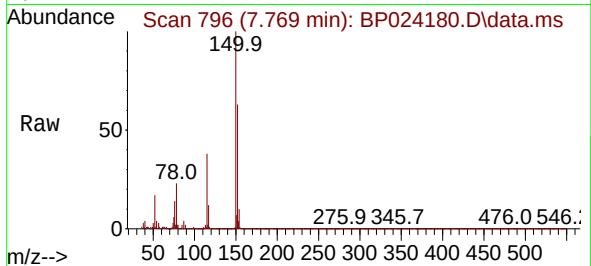




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

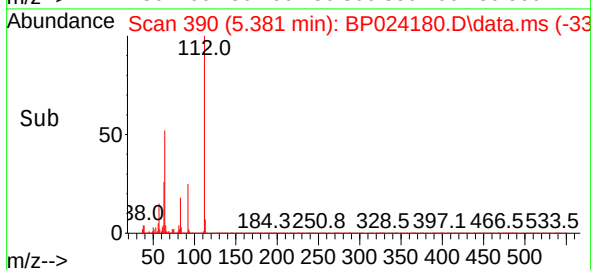
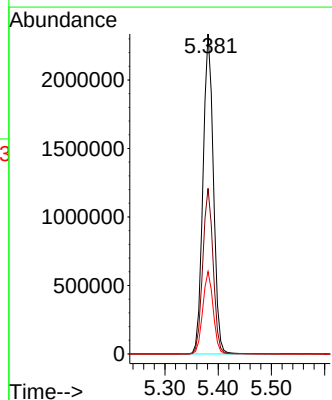
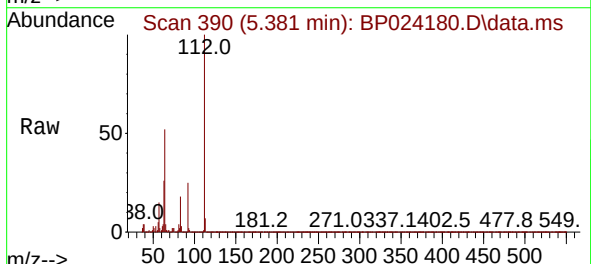
Instrument :
BNA_P
ClientSampleId :
PB167157BL

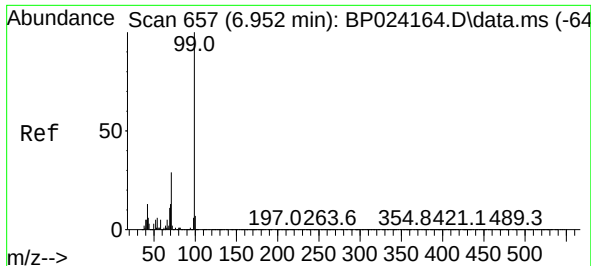
Tgt Ion:152 Resp: 334055
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 59.8 46.3 69.5



#5
2-Fluorophenol
Concen: 151.460 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:112 Resp: 3169610
Ion Ratio Lower Upper
112 100
64 51.8 41.3 61.9
63 25.8 20.6 31.0





#7

Phenol-d6

Concen: 143.529 ng

RT: 6.946 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Instrument :

BNA_P

ClientSampleId :

PB167157BL

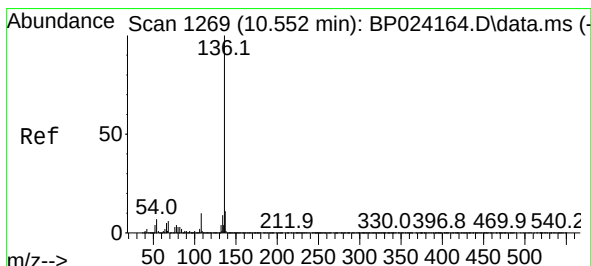
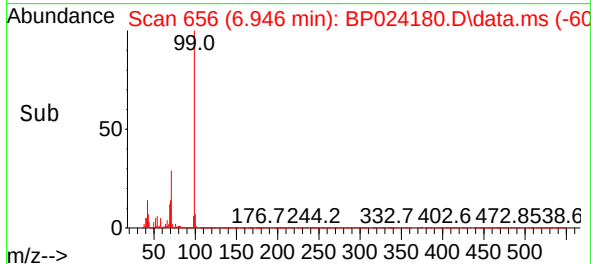
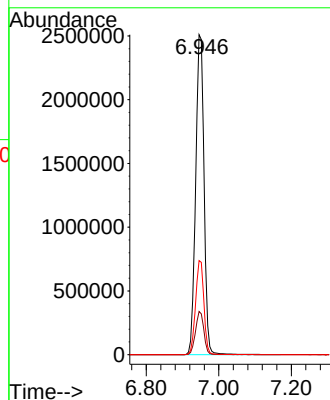
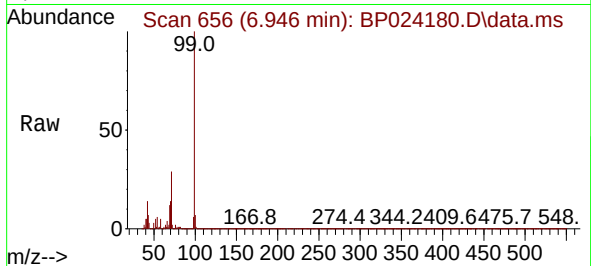
Tgt Ion: 99 Resp: 4016663

Ion Ratio Lower Upper

99 100

42 13.5 10.6 16.0

71 29.4 23.3 34.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Tgt Ion:136 Resp: 1336335

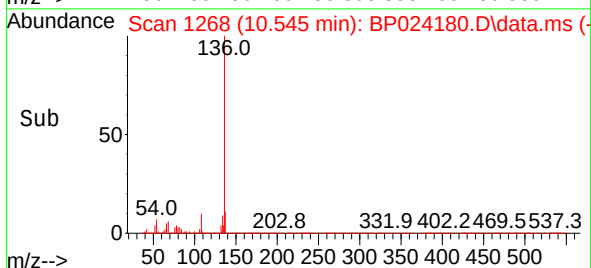
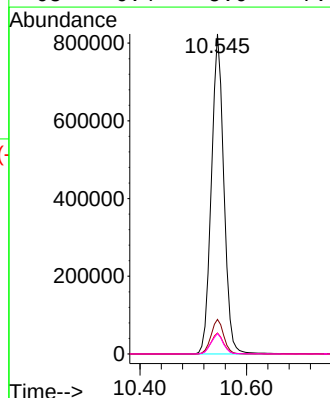
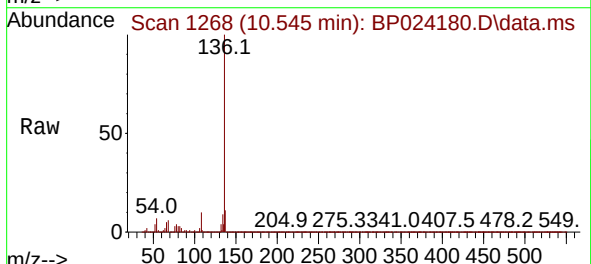
Ion Ratio Lower Upper

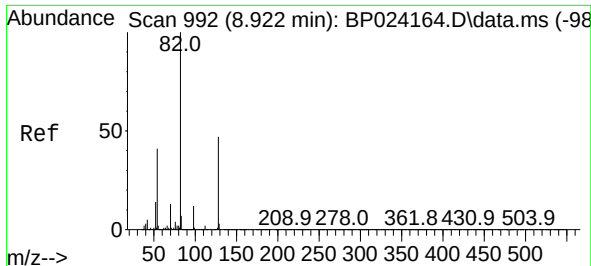
136 100

137 10.8 9.0 13.4

54 6.5 5.3 7.9

68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.885 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Instrument :

BNA_P

ClientSampleId :

PB167157BL

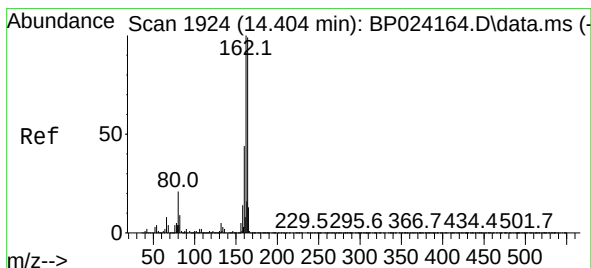
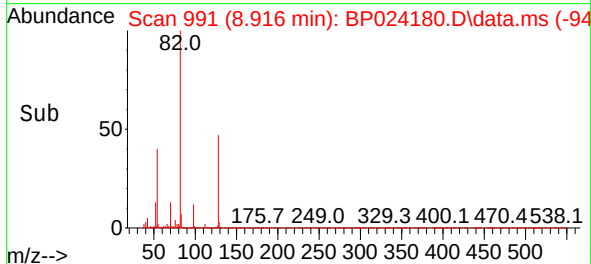
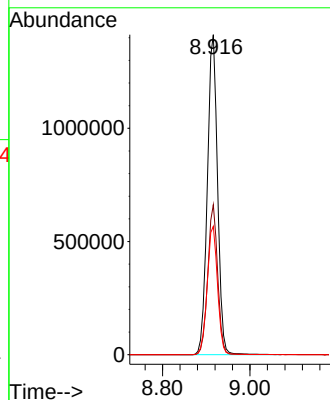
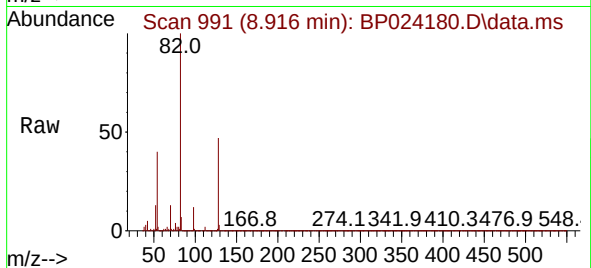
Tgt Ion: 82 Resp: 2294715

Ion Ratio Lower Upper

82 100

128 46.9 37.4 56.0

54 40.1 32.5 48.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

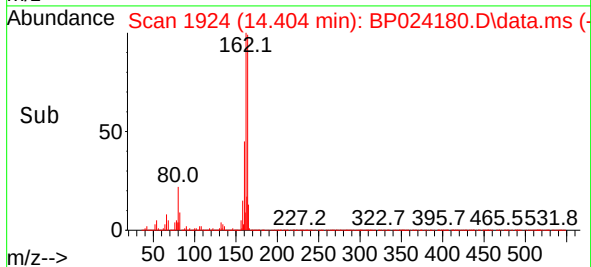
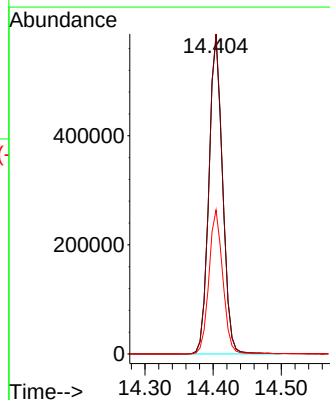
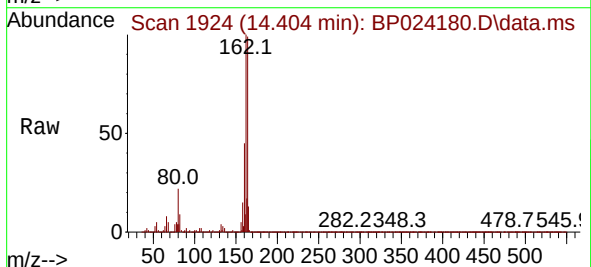
Tgt Ion: 164 Resp: 814855

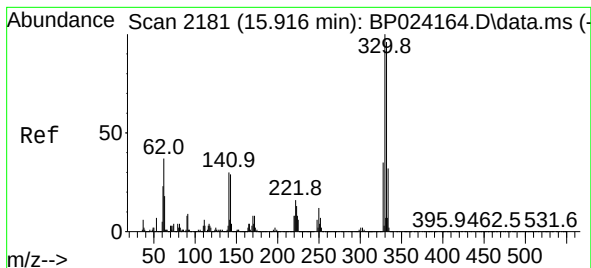
Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 45.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 145.573 ng

RT: 15.922 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Instrument :

BNA_P

ClientSampleId :

PB167157BL

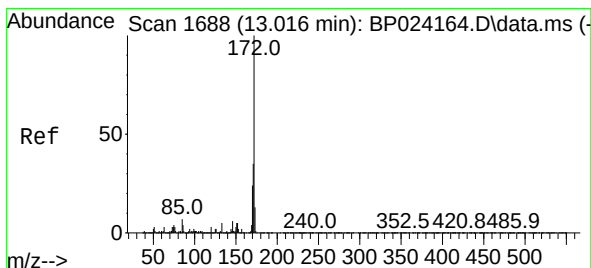
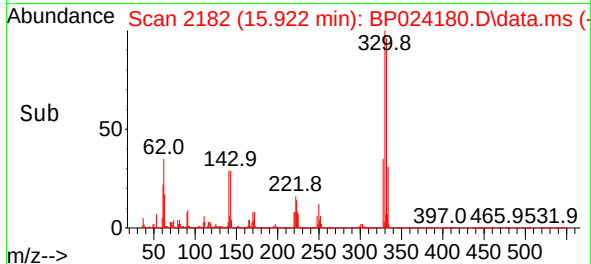
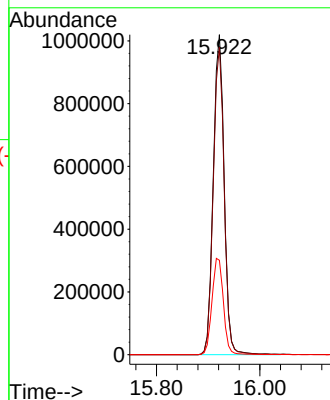
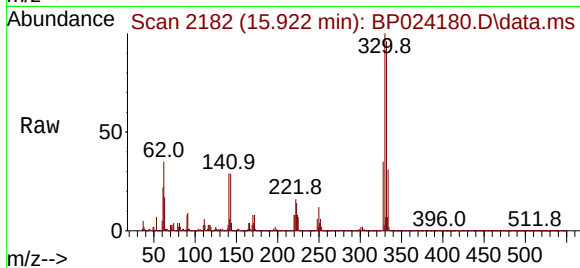
Tgt Ion:330 Resp: 1494177

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 31.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 97.826 ng

RT: 13.010 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

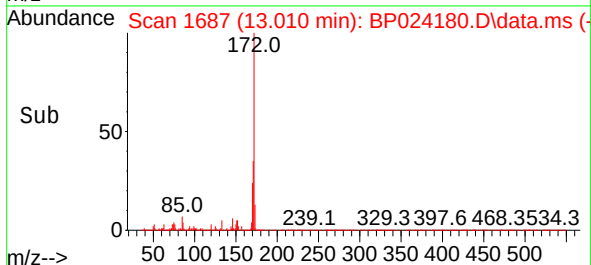
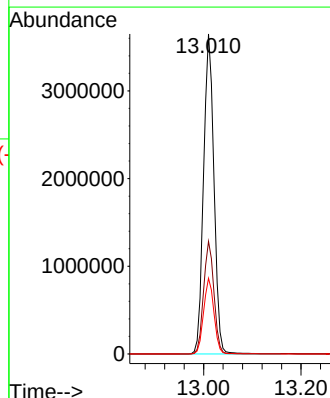
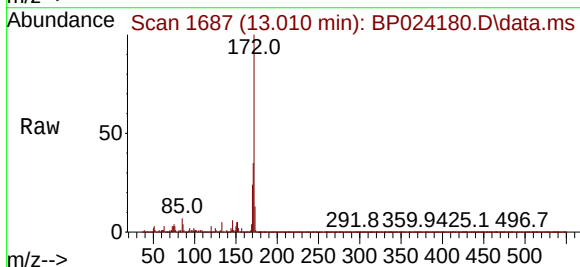
Tgt Ion:172 Resp: 5406055

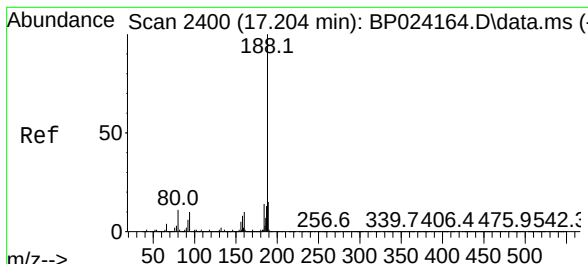
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.4

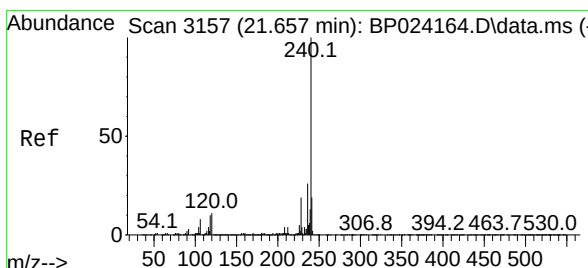
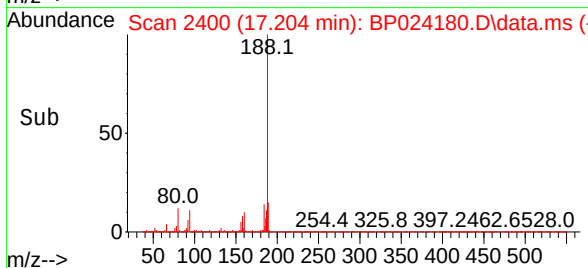
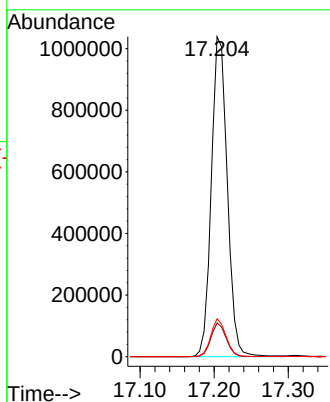
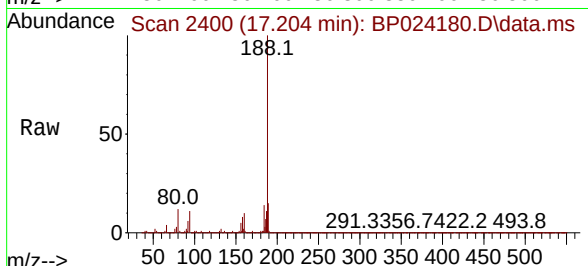




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.204 min Scan# 2400
 Delta R.T. -0.000 min
 Lab File: BP024180.D
 Acq: 18 Mar 2025 10:26

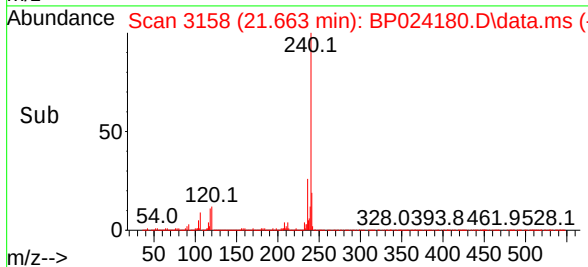
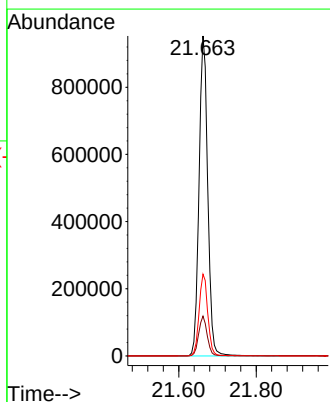
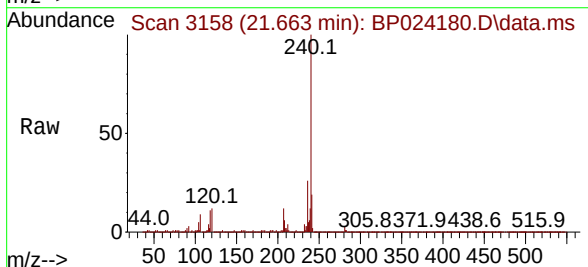
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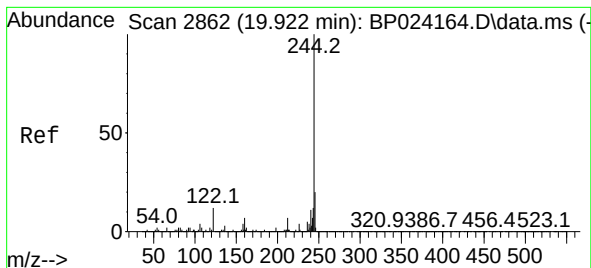
Tgt Ion:188 Resp: 1550471
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.1 12.1
 80 11.9 8.9 13.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.663 min Scan# 3158
 Delta R.T. 0.006 min
 Lab File: BP024180.D
 Acq: 18 Mar 2025 10:26

Tgt Ion:240 Resp: 1479758
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.2 13.8
 236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 110.254 ng

RT: 19.933 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Instrument :

BNA_P

ClientSampleId :

PB167157BL

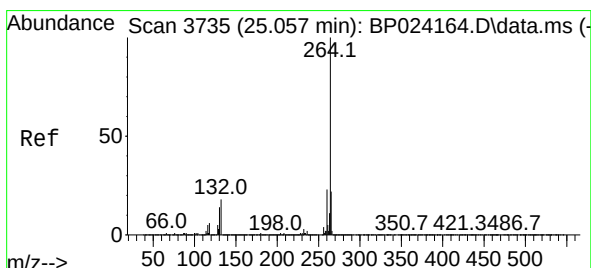
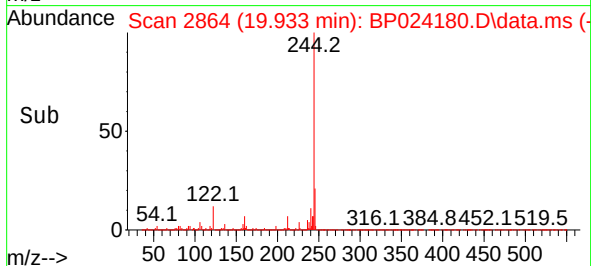
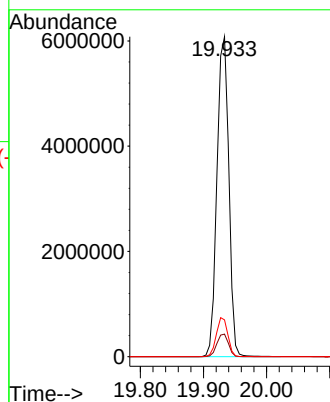
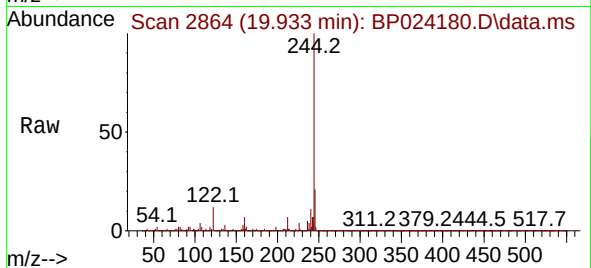
Tgt Ion:244 Resp: 7903635

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.051 min Scan# 3734

Delta R.T. -0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Tgt Ion:264 Resp: 1571336

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.5 17.7 26.5

