

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024671.D
 Acq On : 17 May 2025 01:10
 Operator : RC/JU
 Sample : Q2034-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L3-WC-1

Quant Time: May 17 03:40:57 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	7.657	152	94682	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	378409	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	229014	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	451189	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	535686	20.000	ng	0.01
86) Perylene-d12	24.815	264	657949	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	856513	154.723	ng	0.02
7) Phenol-d6	6.875	99	963106	136.318	ng	0.02
23) Nitrobenzene-d5	8.810	82	646636	86.341	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	585722	150.864	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1431011	81.864	ng	0.00
79) Terphenyl-d14	19.822	244	2936137	93.984	ng	0.01

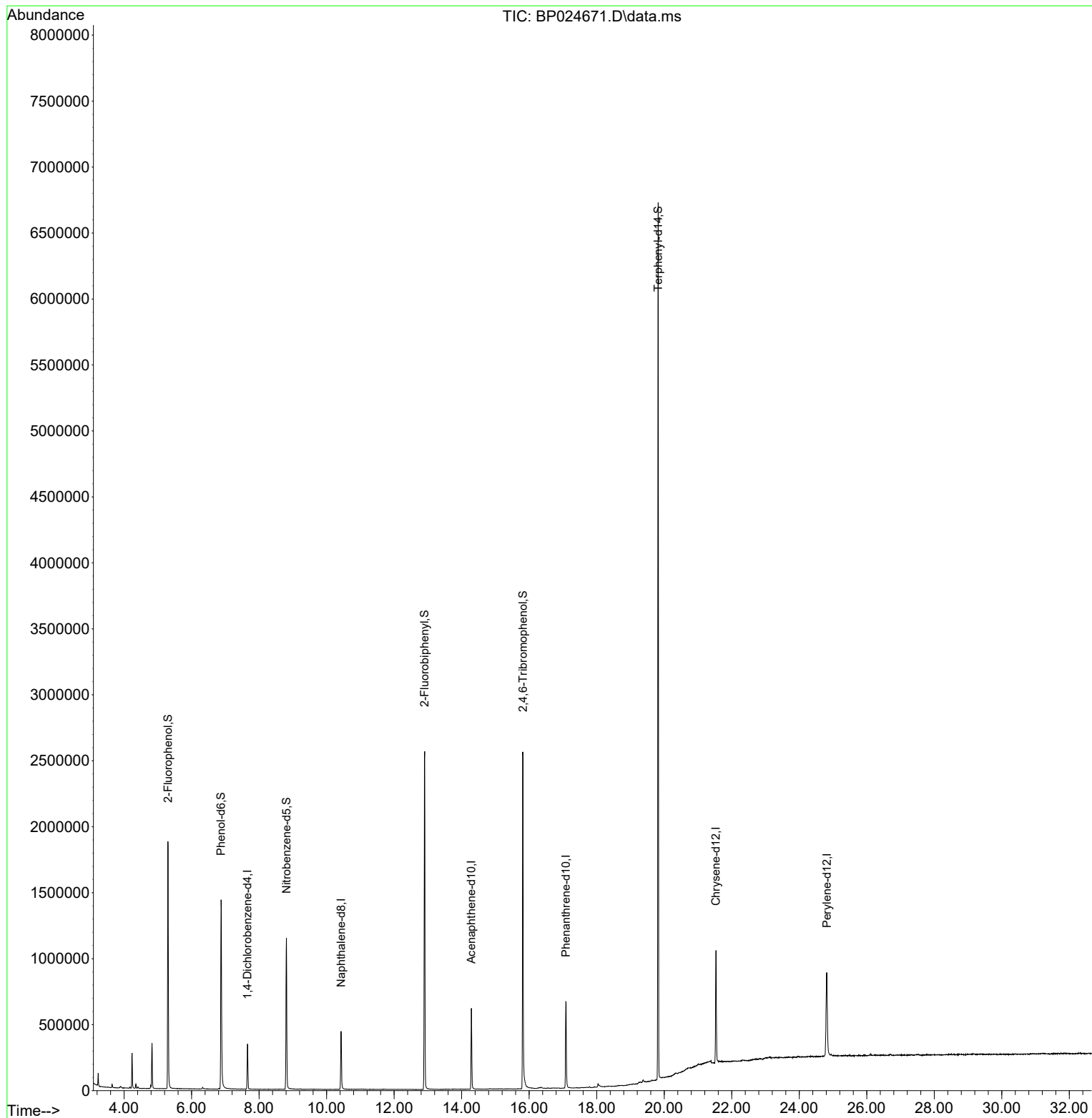
Target Compounds	Qvalue

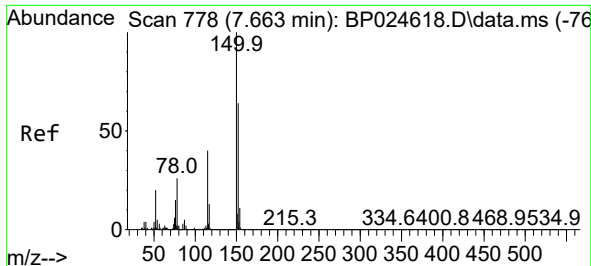
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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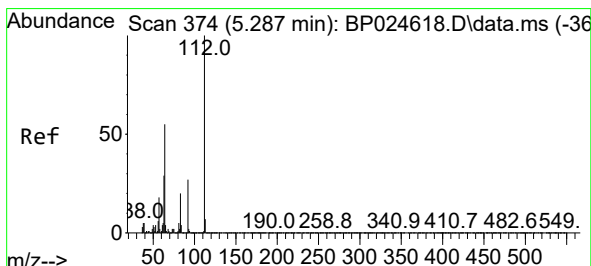
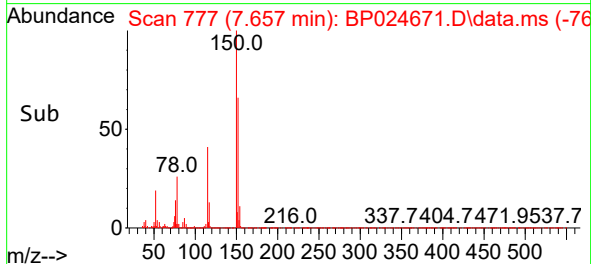
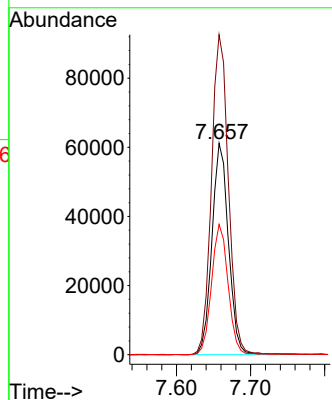
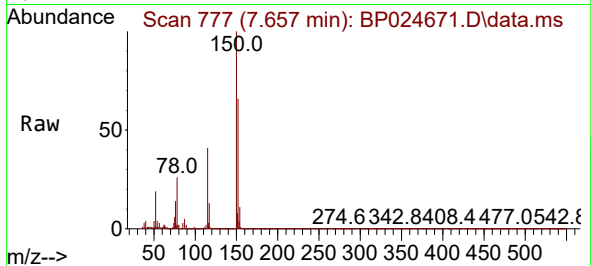




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024671.D
Acq: 17 May 2025 01:10

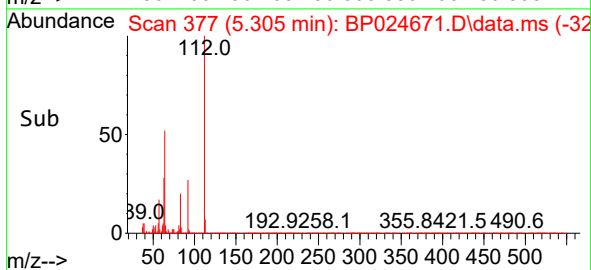
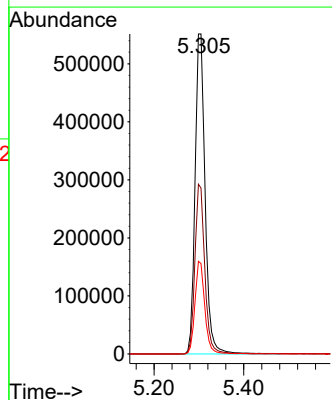
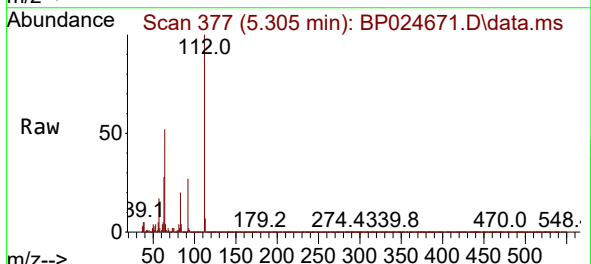
Instrument :
BNA_P
ClientSampleId :
L3-WC-1

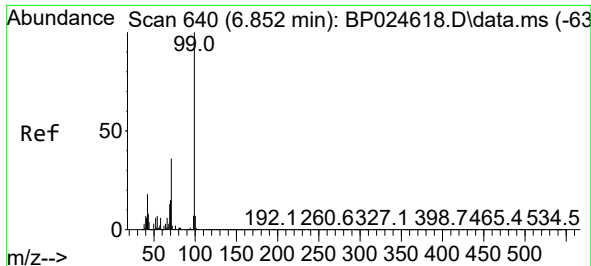
Tgt Ion:152 Resp: 94682
Ion Ratio Lower Upper
152 100
150 151.4 125.9 188.9
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 154.723 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.018 min
Lab File: BP024671.D
Acq: 17 May 2025 01:10

Tgt Ion:112 Resp: 856513
Ion Ratio Lower Upper
112 100
64 51.8 44.1 66.1
63 28.2 23.5 35.3

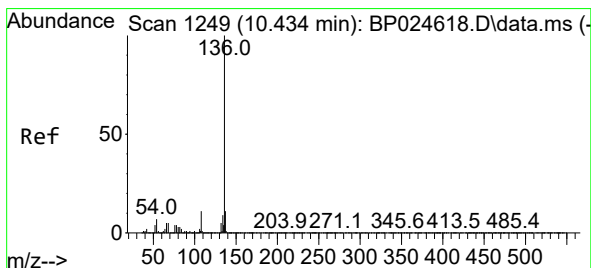
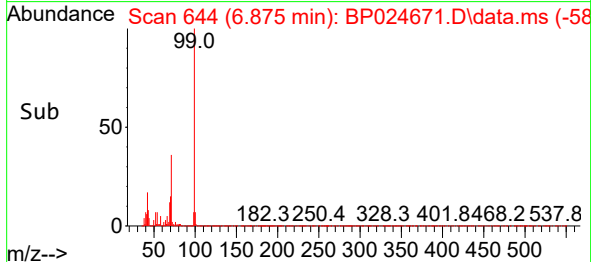
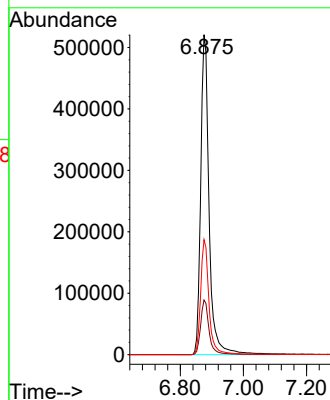
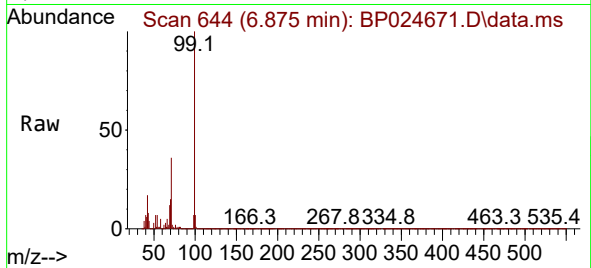




#7
Phenol-d6
Concen: 136.318 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.023 min
Lab File: BP024671.D
Acq: 17 May 2025 01:10

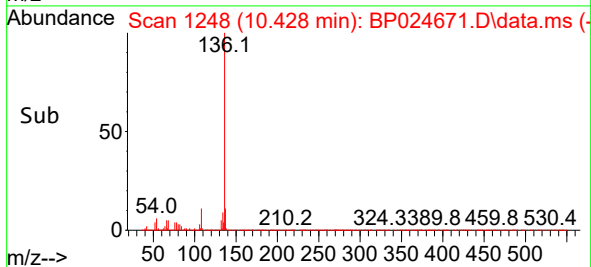
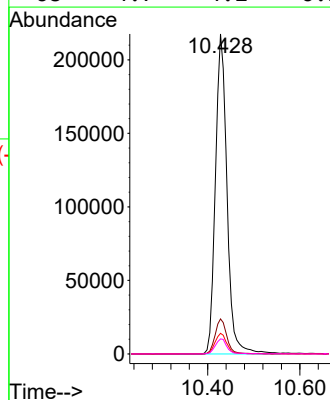
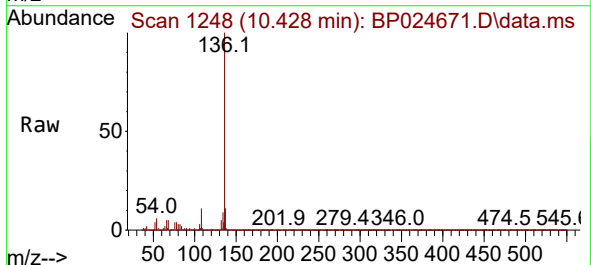
Instrument :
BNA_P
ClientSampleId :
L3-WC-1

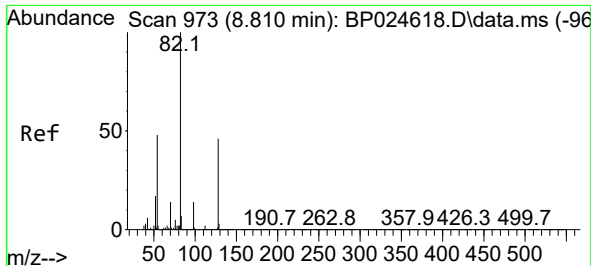
Tgt Ion: 99 Resp: 963106
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 35.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024671.D
Acq: 17 May 2025 01:10

Tgt Ion: 136 Resp: 378409
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.5 8.3
68 4.7 4.2 6.2

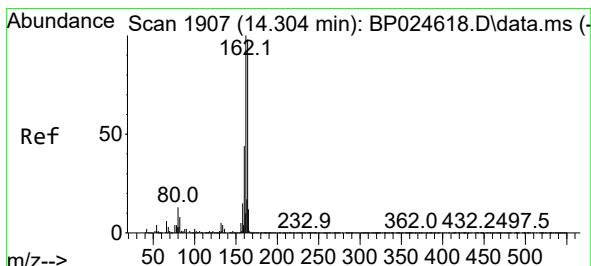
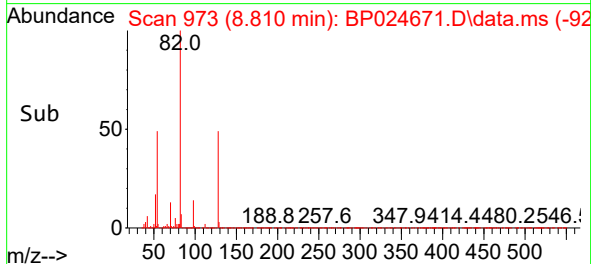
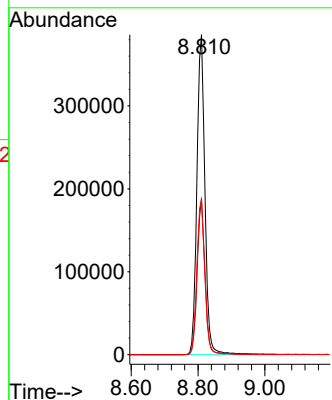
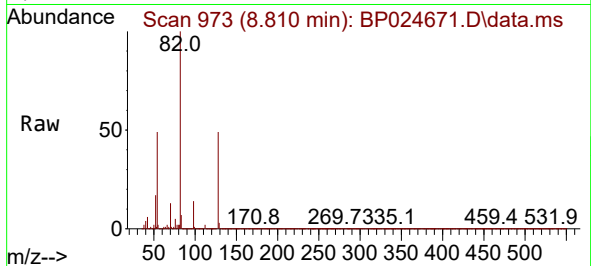




#23
Nitrobenzene-d5
Concen: 86.341 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024671.D
Acq: 17 May 2025 01:10

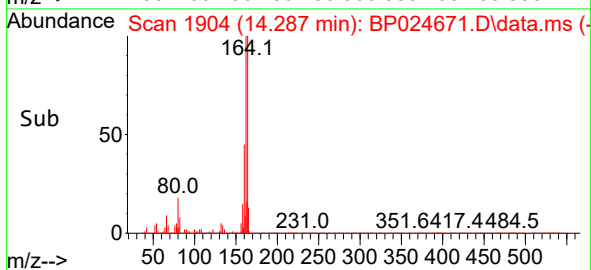
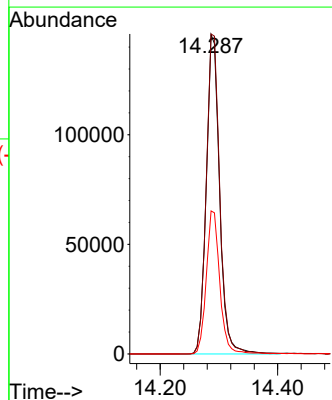
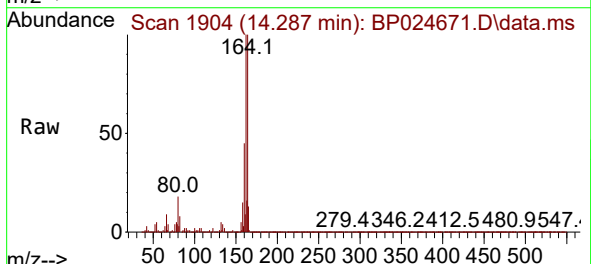
Instrument :
BNA_P
ClientSampleId :
L3-WC-1

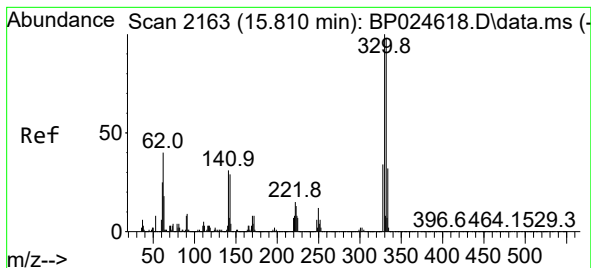
Tgt Ion: 82 Resp: 646636
Ion Ratio Lower Upper
82 100
128 48.9 37.0 55.4
54 48.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024671.D
Acq: 17 May 2025 01:10

Tgt Ion:164 Resp: 229014
Ion Ratio Lower Upper
164 100
162 100.2 81.8 122.6
160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 150.864 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

Instrument :

BNA_P

ClientSampleId :

L3-WC-1

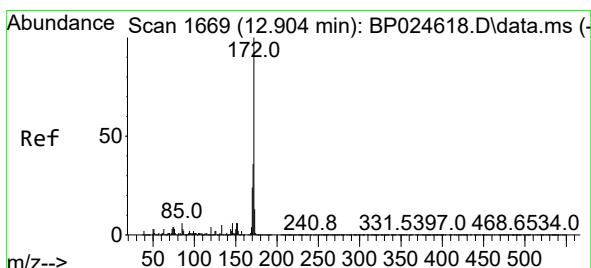
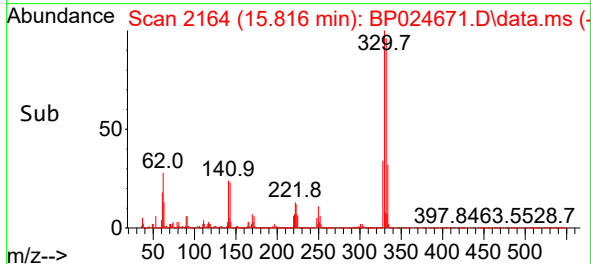
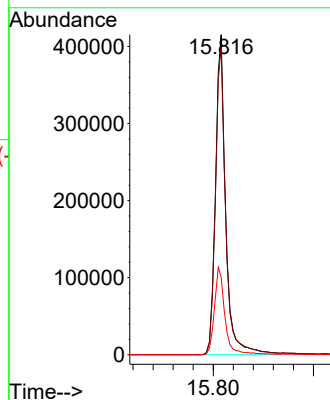
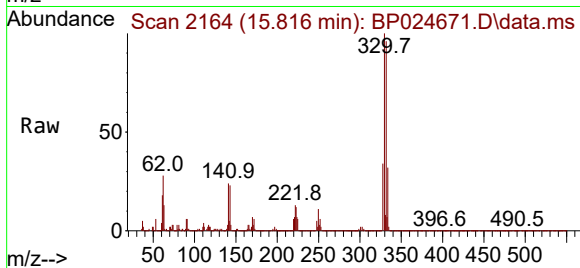
Tgt Ion:330 Resp: 585722

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

141 28.2 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 81.864 ng

RT: 12.904 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

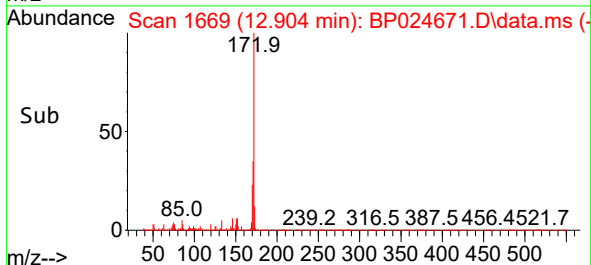
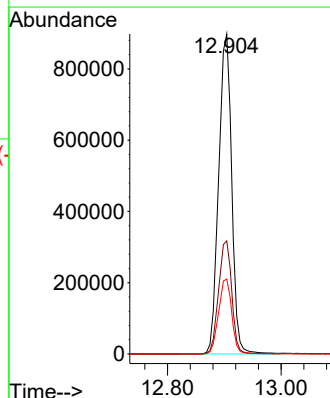
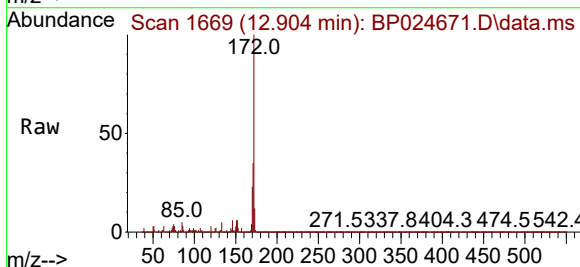
Tgt Ion:172 Resp: 1431011

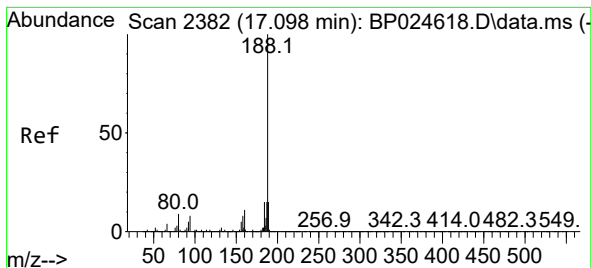
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

Instrument :

BNA_P

ClientSampleId :

L3-WC-1

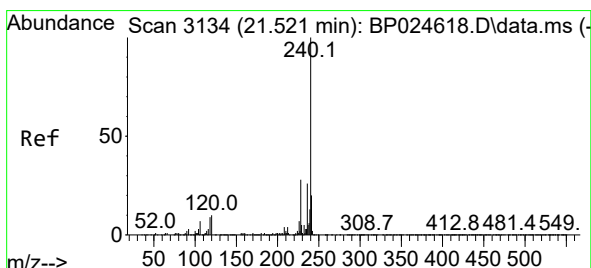
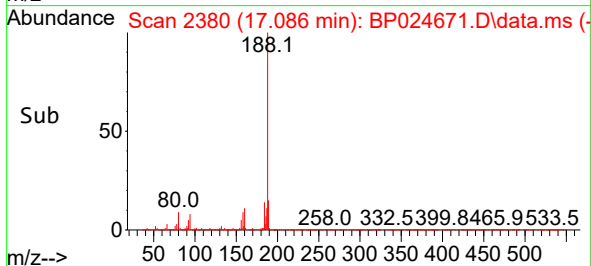
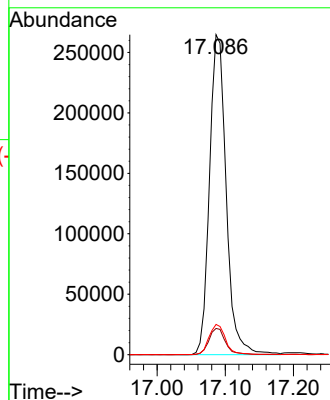
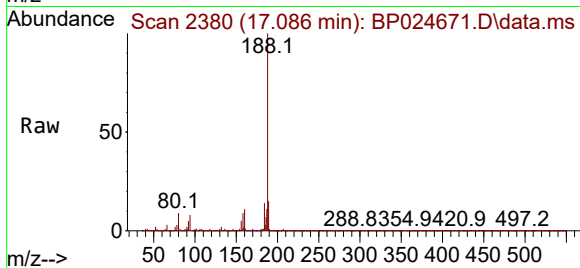
Tgt Ion:188 Resp: 451189

Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

80 9.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3136

Delta R.T. 0.012 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

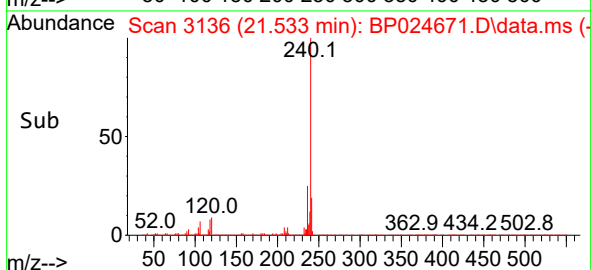
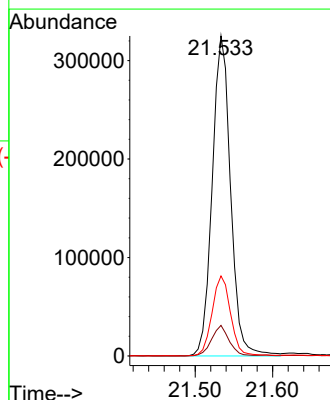
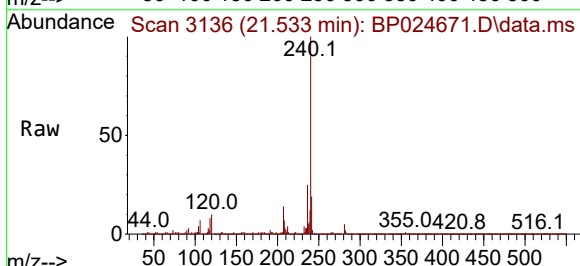
Tgt Ion:240 Resp: 535686

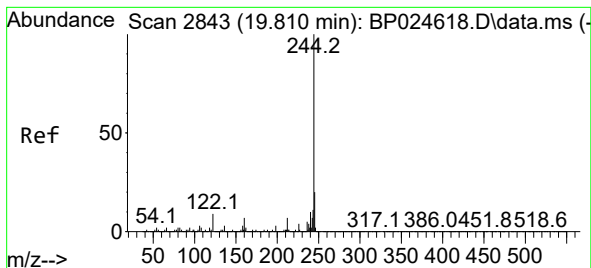
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.0 20.6 31.0





#79

Terphenyl-d14

Concen: 93.984 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

Instrument :

BNA_P

ClientSampleId :

L3-WC-1

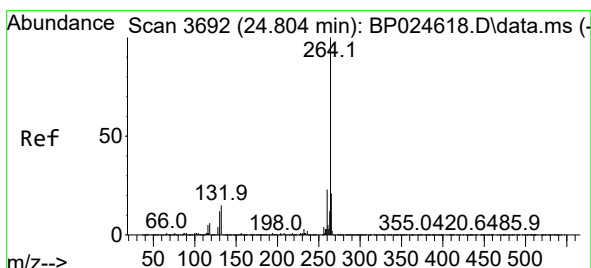
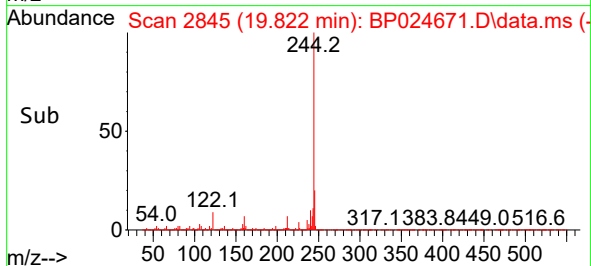
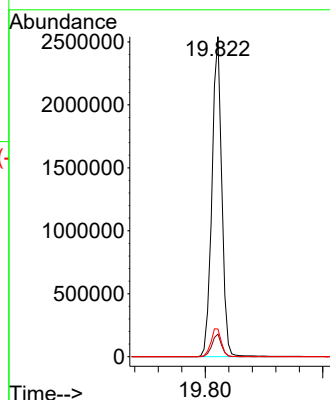
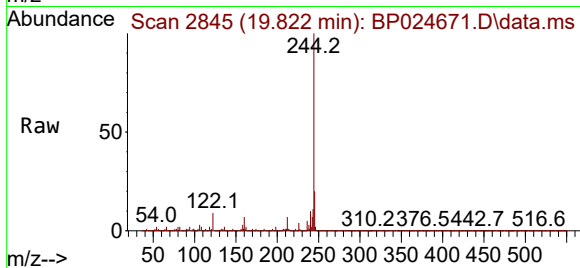
Tgt Ion:244 Resp: 2936137

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.7 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3694

Delta R.T. 0.012 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

Tgt Ion:264 Resp: 657949

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.4 17.0 25.6

