

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024674.D
 Acq On : 17 May 2025 03:14
 Operator : RC/JU
 Sample : Q2034-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L3-WC-4

Quant Time: May 17 04:27:11 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	128490	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	489466	20.000	ng	-0.01
39) Acenaphthene-d10	14.292	164	303755	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	676724	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	784655	20.000	ng	0.00
86) Perylene-d12	24.798	264	941774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1097167	146.047	ng	0.01
7) Phenol-d6	6.875	99	1248034	130.168	ng	0.02
23) Nitrobenzene-d5	8.805	82	808785	83.489	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	899559	174.688	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	2022073	87.214	ng	0.00
79) Terphenyl-d14	19.810	244	4395795	96.061	ng	0.00

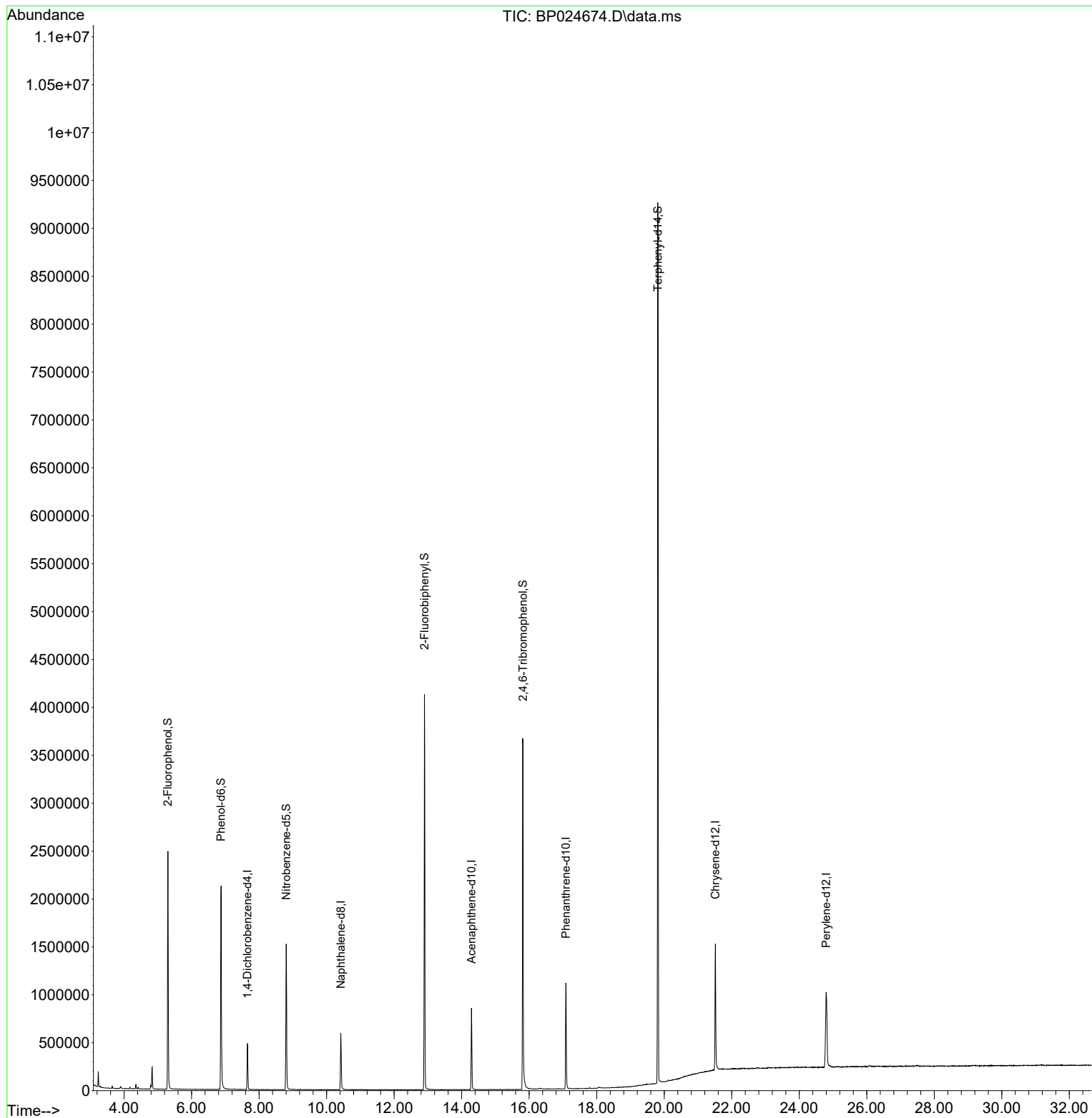
Target Compounds	Qvalue

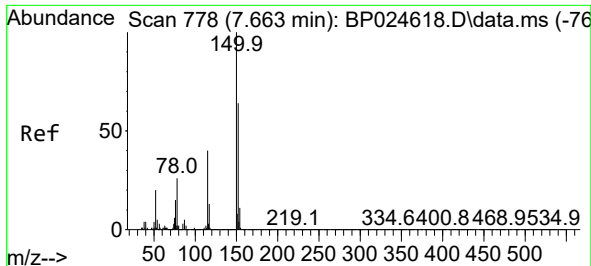
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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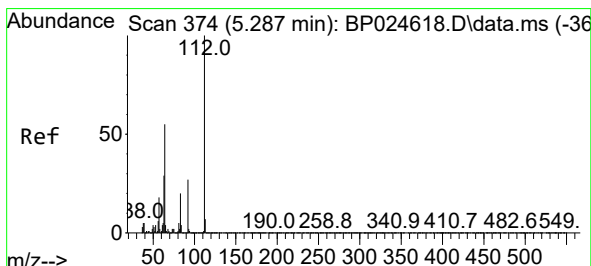
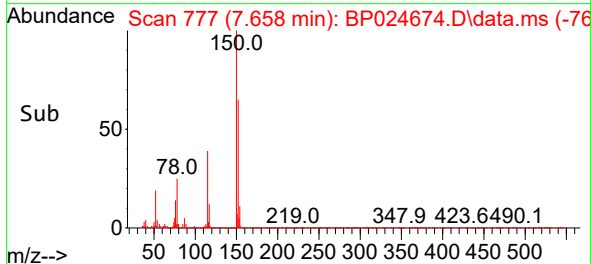
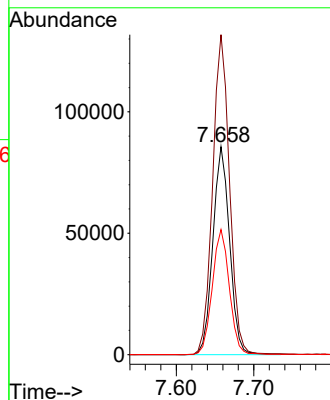
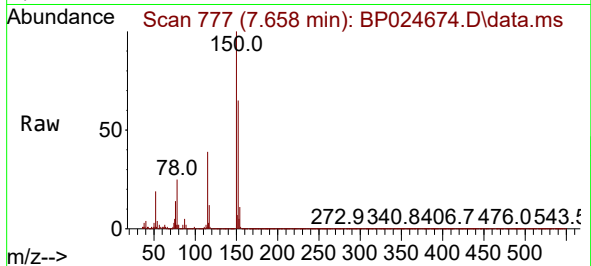




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

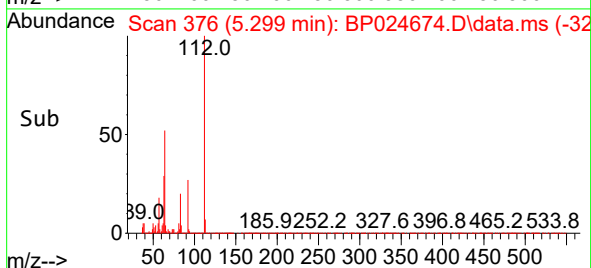
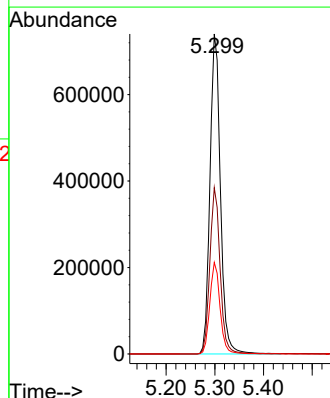
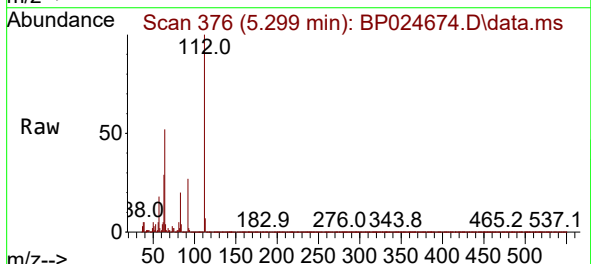
Instrument :
BNA_P
ClientSampleId :
L3-WC-4

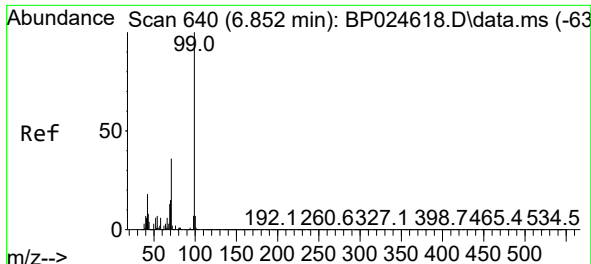
Tgt Ion:152 Resp: 128490
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 60.2 50.1 75.1



#5
2-Fluorophenol
Concen: 146.047 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

Tgt Ion:112 Resp: 1097167
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.6 23.5 35.3

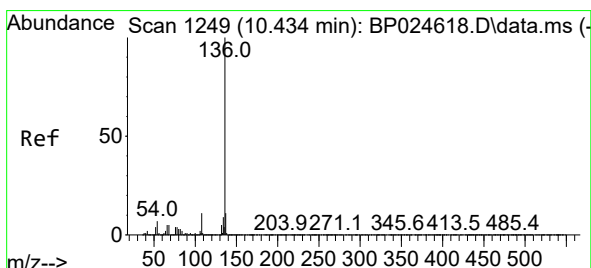
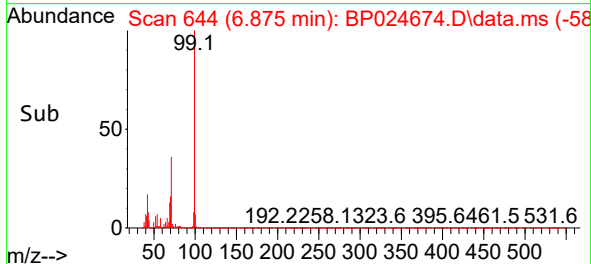
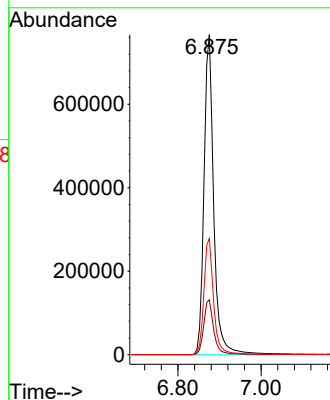
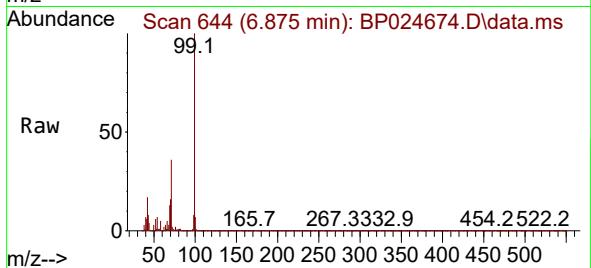




#7
Phenol-d6
Concen: 130.168 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

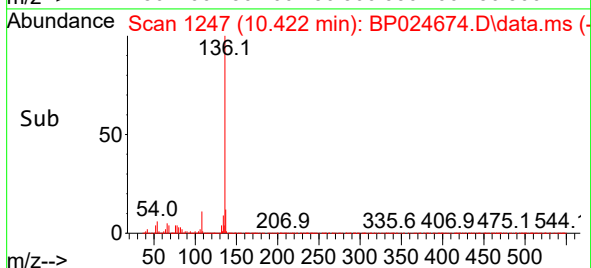
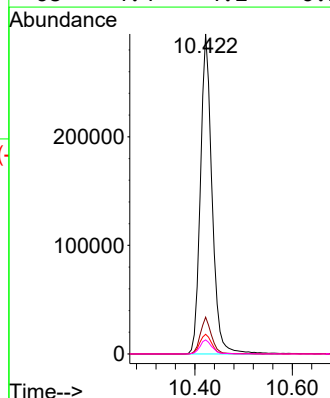
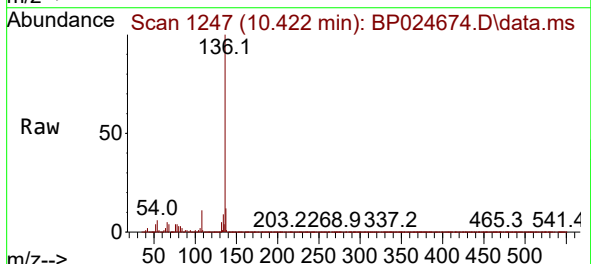
Instrument :
BNA_P
ClientSampleId :
L3-WC-4

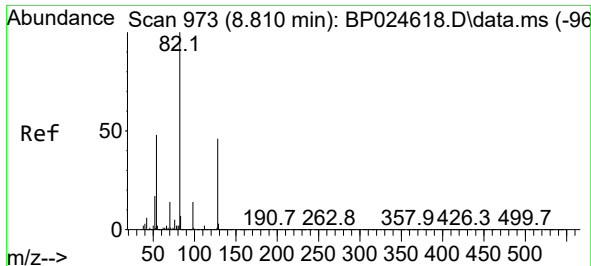
Tgt Ion: 99 Resp: 1248034
Ion Ratio Lower Upper
99 100
42 17.2 14.4 21.6
71 36.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

Tgt Ion: 136 Resp: 489466
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.2 5.5 8.3
68 4.4 4.2 6.2

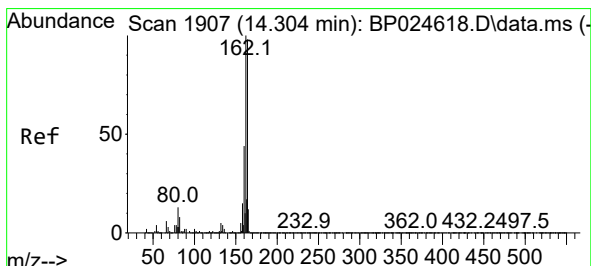
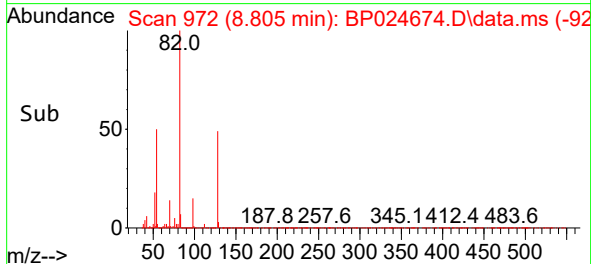
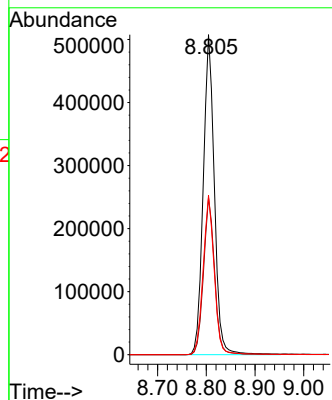
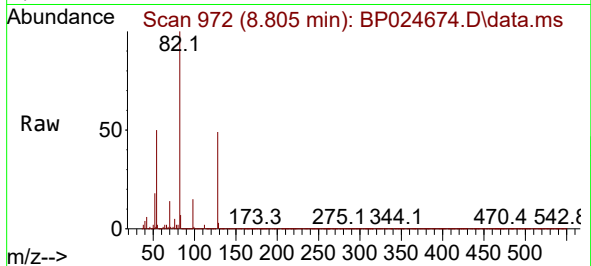




#23
Nitrobenzene-d5
Concen: 83.489 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

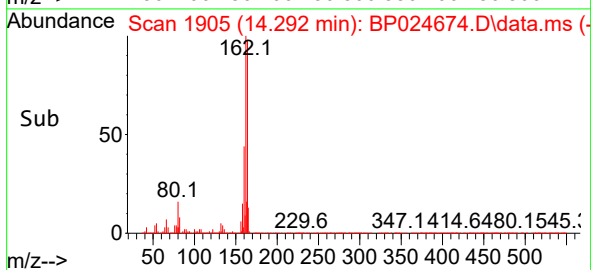
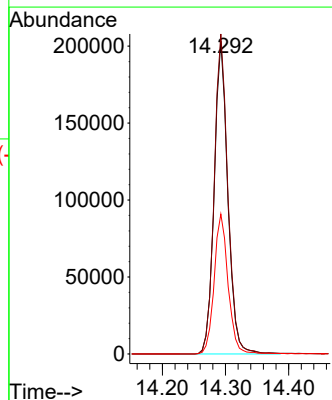
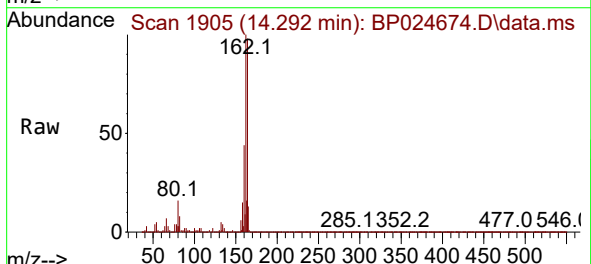
Instrument :
BNA_P
ClientSampleId :
L3-WC-4

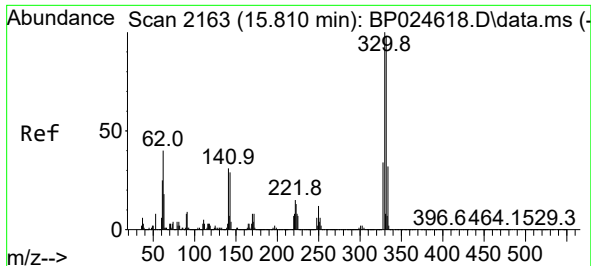
Tgt Ion: 82 Resp: 808785
Ion Ratio Lower Upper
82 100
128 49.1 37.0 55.4
54 49.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

Tgt Ion:164 Resp: 303755
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 44.7 36.3 54.5

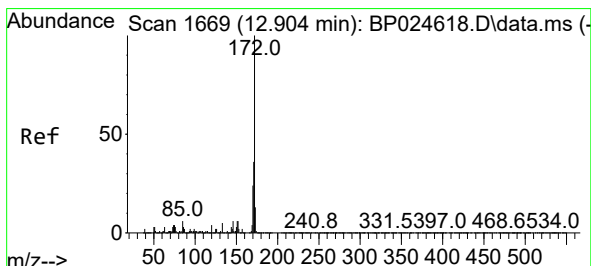
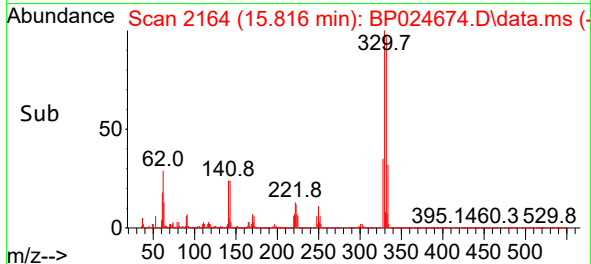
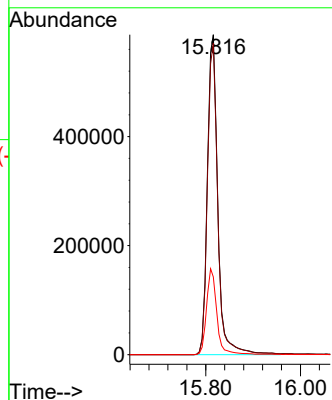
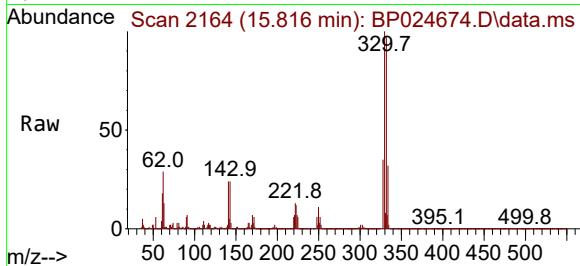




#42
2,4,6-Tribromophenol
Concen: 174.688 ng
RT: 15.816 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

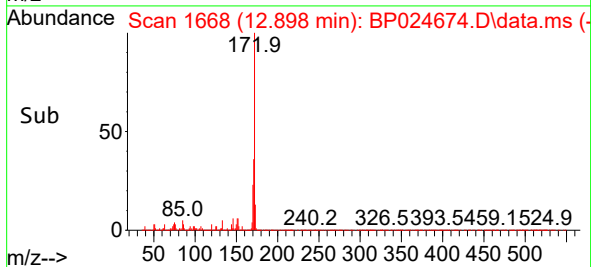
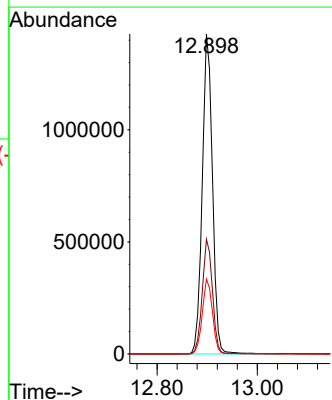
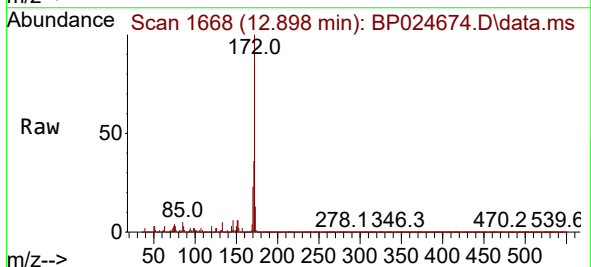
Instrument :
BNA_P
ClientSampleId :
L3-WC-4

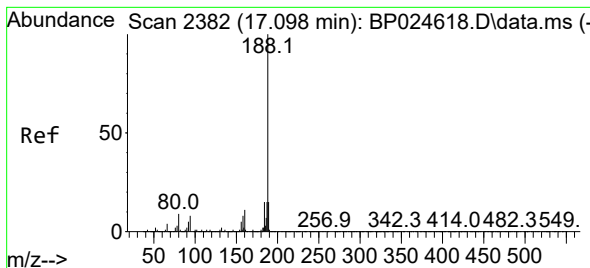
Tgt Ion:330 Resp: 899559
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 26.6 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 87.214 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024674.D
Acq: 17 May 2025 03:14

Tgt Ion:172 Resp: 2022073
Ion Ratio Lower Upper
172 100
171 35.8 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: BP024674.D

Acq: 17 May 2025 03:14

Instrument :

BNA_P

ClientSampleId :

L3-WC-4

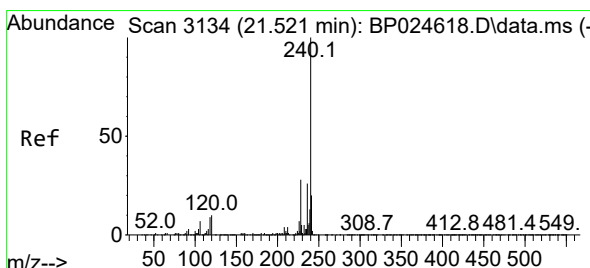
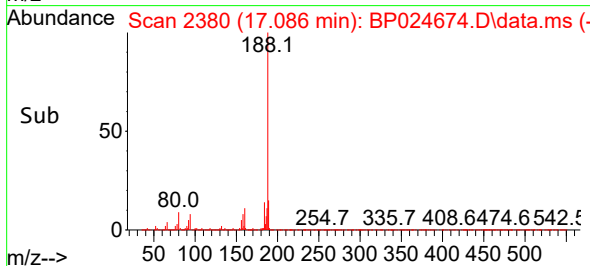
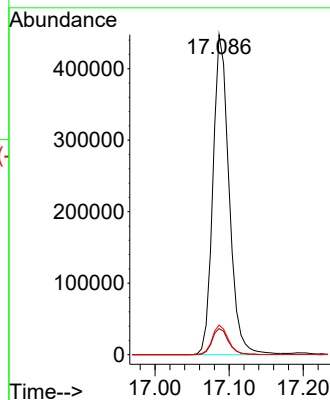
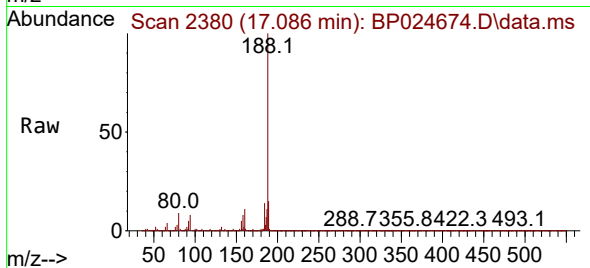
Tgt Ion:188 Resp: 676724

Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024674.D

Acq: 17 May 2025 03:14

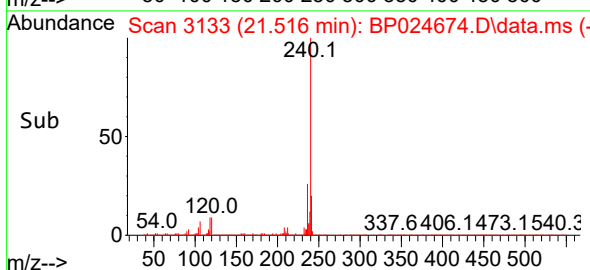
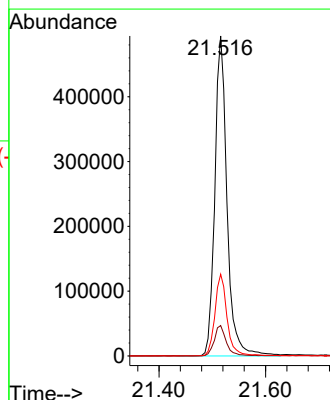
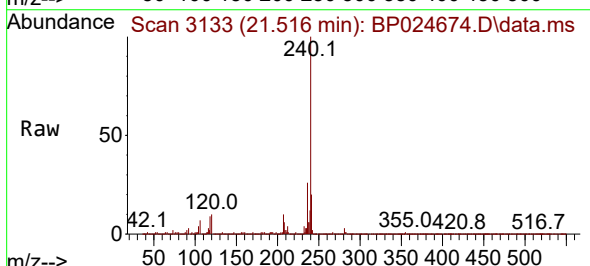
Tgt Ion:240 Resp: 784655

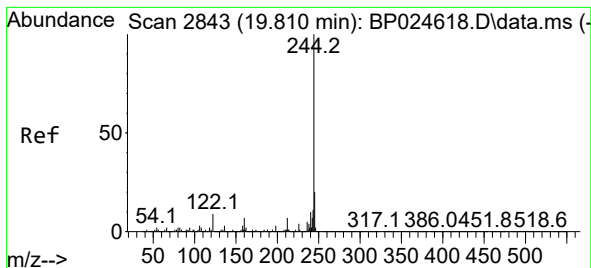
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 96.061 ng

RT: 19.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024674.D

Acq: 17 May 2025 03:14

Instrument :

BNA_P

ClientSampleId :

L3-WC-4

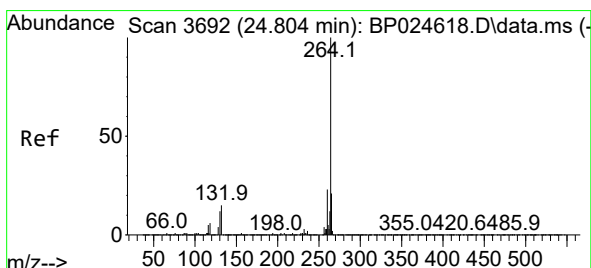
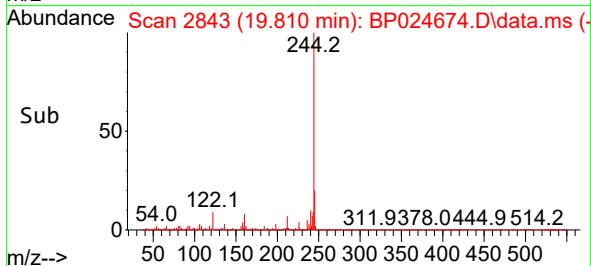
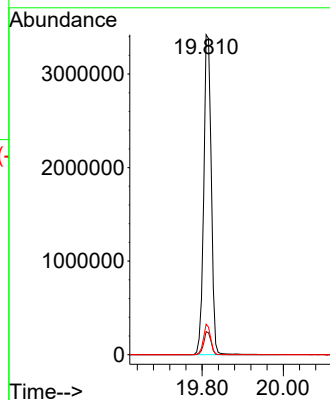
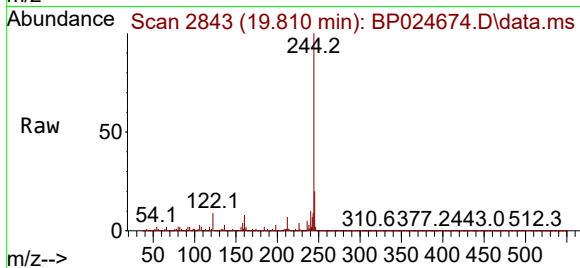
Tgt Ion:244 Resp: 4395795

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.5 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024674.D

Acq: 17 May 2025 03:14

Tgt Ion:264 Resp: 941774

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.3 17.0 25.6

