

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024682.D
 Acq On : 17 May 2025 08:42
 Operator : RC/JU
 Sample : Q2020-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-A

Quant Time: May 19 01:08:37 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	127647	20.000	ng	0.00
21) Naphthalene-d8	10.433	136	503151	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	297444	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	586732	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	701937	20.000	ng	0.00
86) Perylene-d12	24.803	264	702010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1066795	142.942	ng	0.01
7) Phenol-d6	6.869	99	1235775	129.740	ng	0.02
23) Nitrobenzene-d5	8.804	82	827880	83.136	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	764830	151.676	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1969470	86.747	ng	0.00
79) Terphenyl-d14	19.809	244	3700167	90.388	ng	0.00

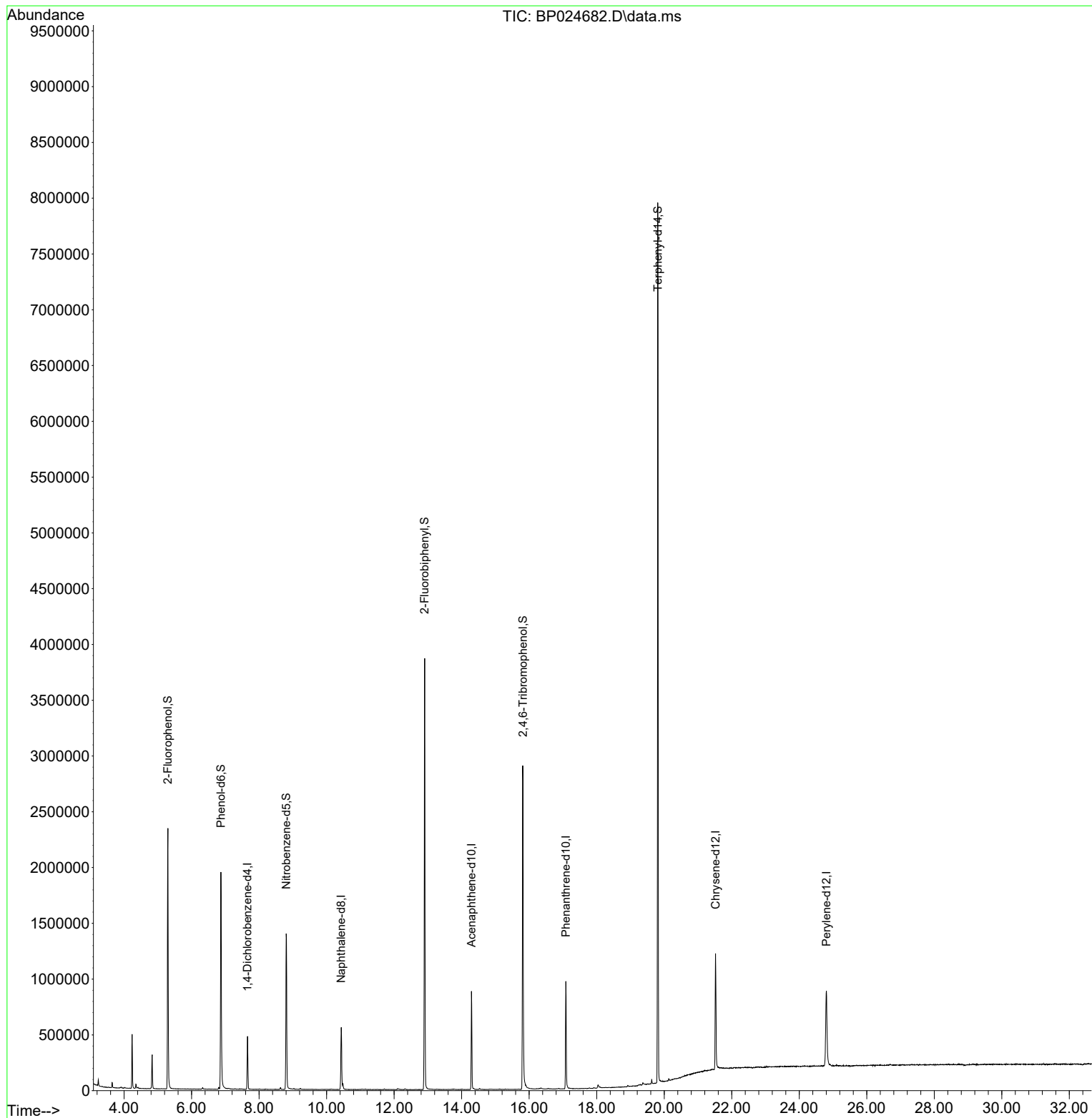
Target Compounds	Qvalue

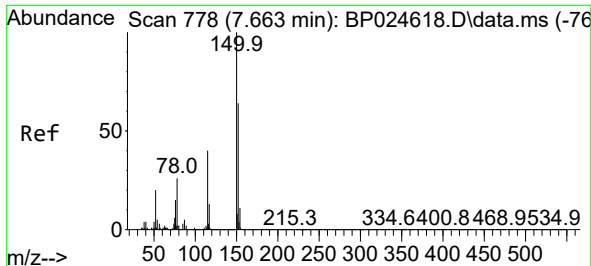
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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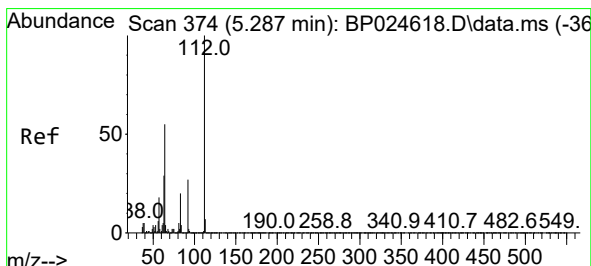
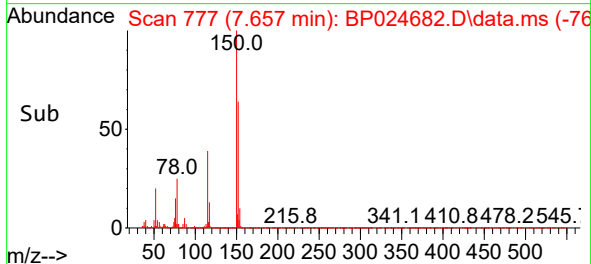
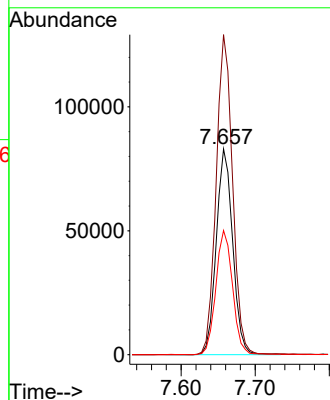
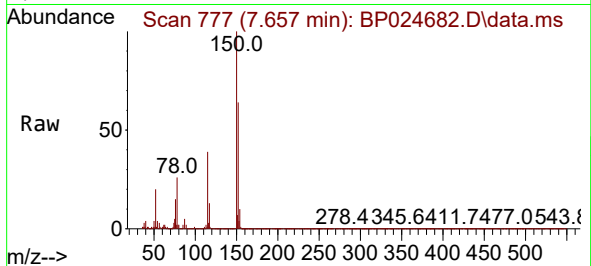




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024682.D
Acq: 17 May 2025 08:42

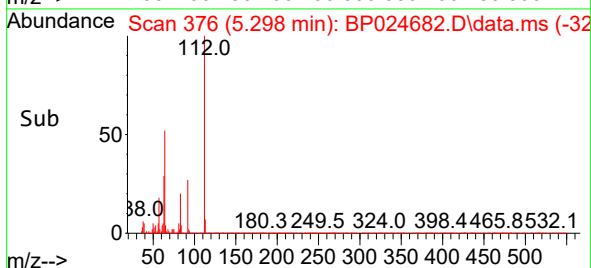
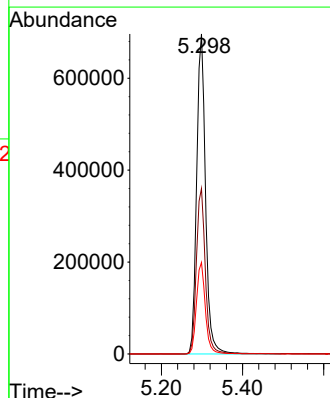
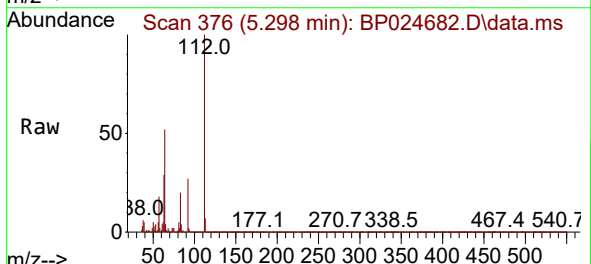
Instrument :
BNA_P
ClientSampleId :
TP-A

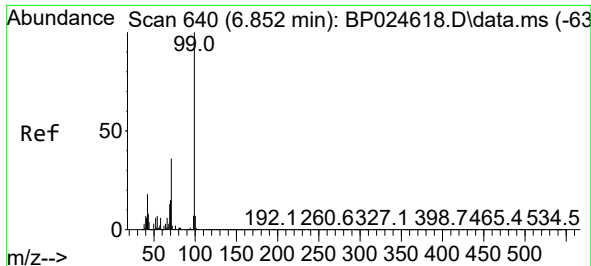
Tgt Ion:152 Resp: 127647
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 60.4 50.1 75.1



#5
2-Fluorophenol
Concen: 142.942 ng
RT: 5.298 min Scan# 376
Delta R.T. 0.011 min
Lab File: BP024682.D
Acq: 17 May 2025 08:42

Tgt Ion:112 Resp: 1066795
Ion Ratio Lower Upper
112 100
64 51.7 44.1 66.1
63 28.6 23.5 35.3

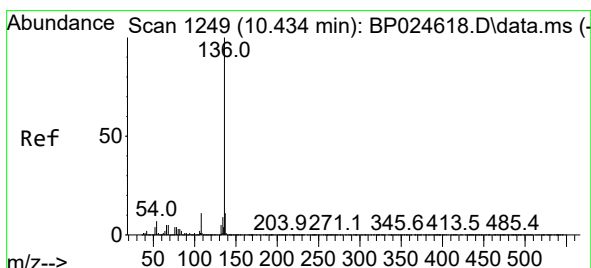
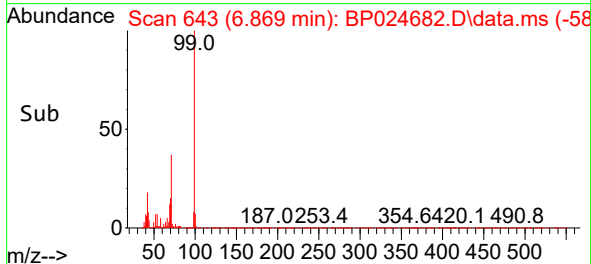
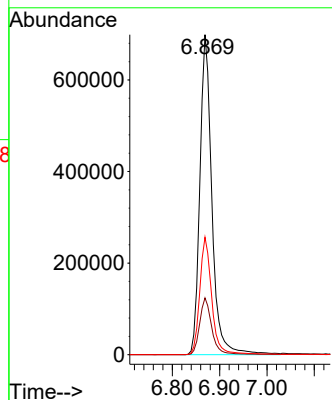
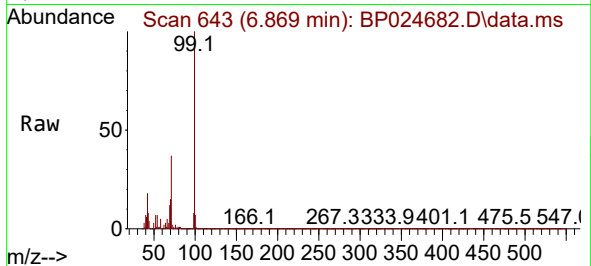




#7
Phenol-d6
Concen: 129.740 ng
RT: 6.869 min Scan# 64
Delta R.T. 0.017 min
Lab File: BP024682.D
Acq: 17 May 2025 08:42

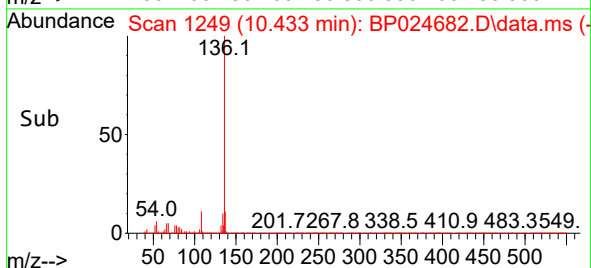
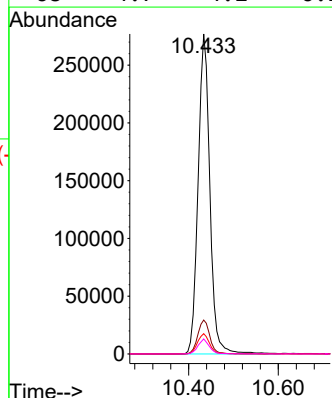
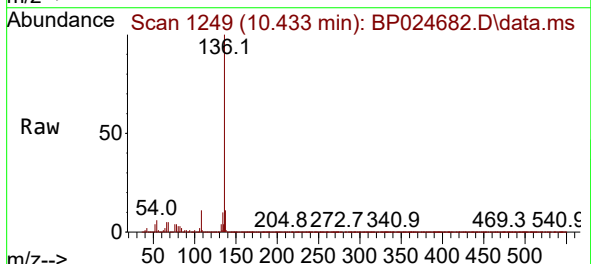
Instrument :
BNA_P
ClientSampleId :
TP-A

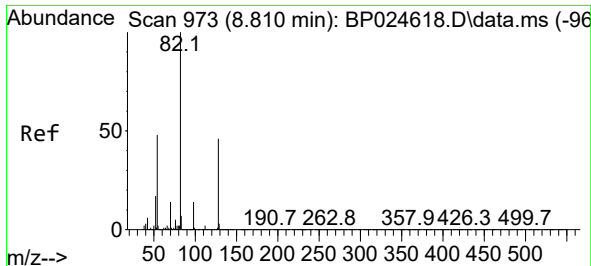
Tgt Ion: 99 Resp: 1235775
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.433 min Scan# 1249
Delta R.T. -0.001 min
Lab File: BP024682.D
Acq: 17 May 2025 08:42

Tgt Ion:136 Resp: 503151
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.3 5.5 8.3
68 4.7 4.2 6.2

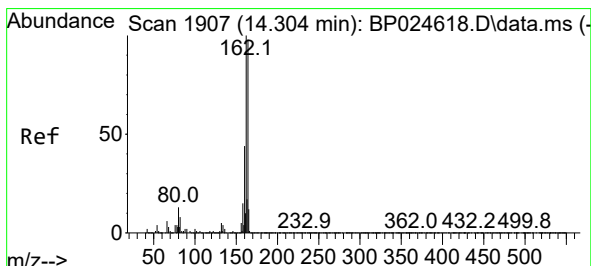
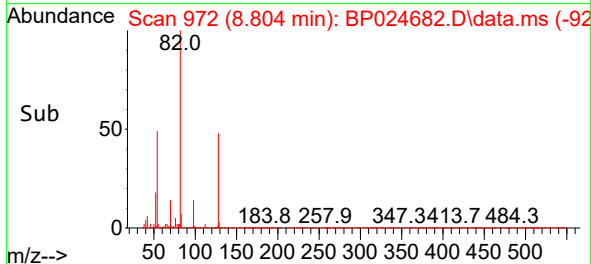
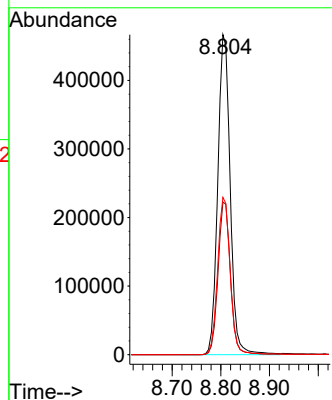
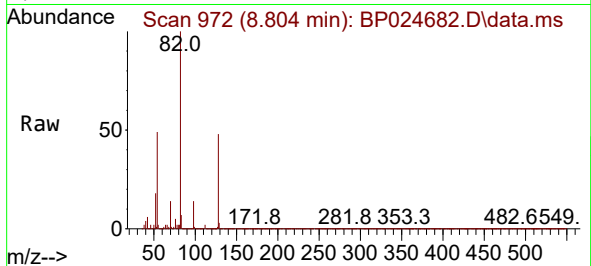




#23
Nitrobenzene-d5
Concen: 83.136 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024682.D
Acq: 17 May 2025 08:42

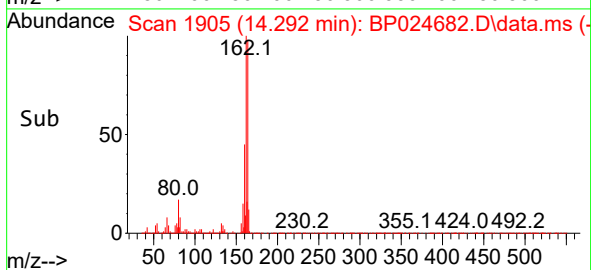
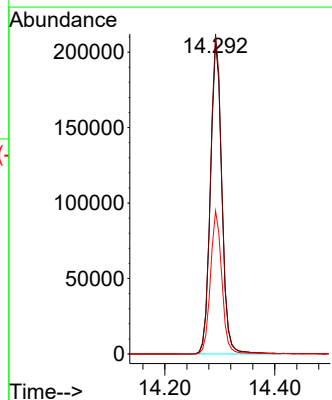
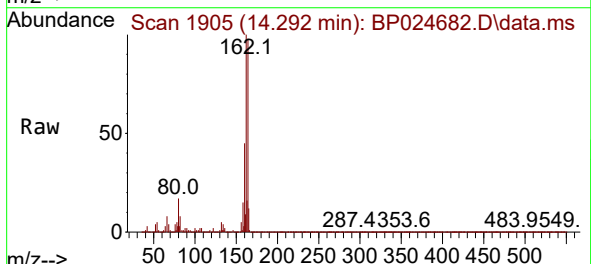
Instrument :
BNA_P
ClientSampleId :
TP-A

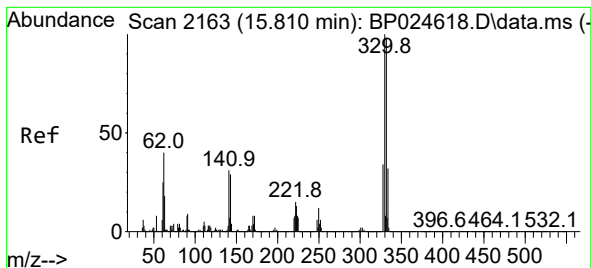
Tgt Ion: 82 Resp: 827880
Ion Ratio Lower Upper
82 100
128 47.7 37.0 55.4
54 49.1 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024682.D
Acq: 17 May 2025 08:42

Tgt Ion:164 Resp: 297444
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 45.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 151.676 ng

RT: 15.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

Instrument :

BNA_P

ClientSampleId :

TP-A

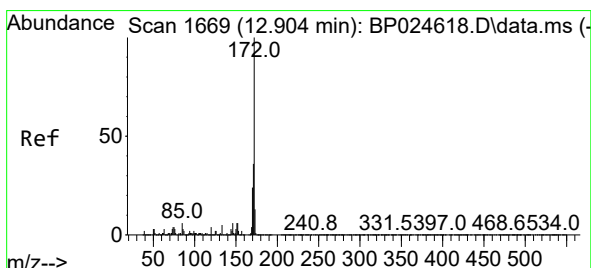
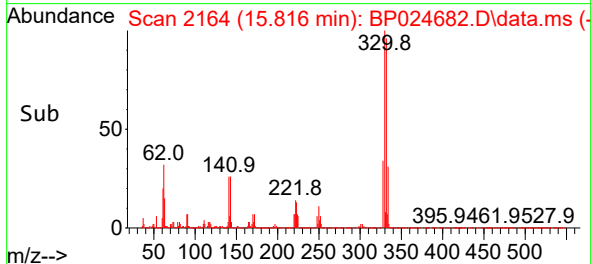
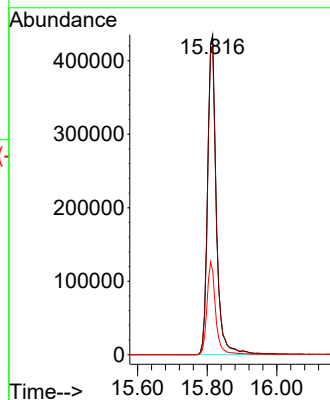
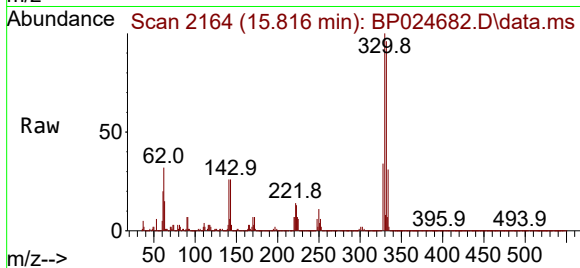
Tgt Ion:330 Resp: 764830

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.4

141 28.9 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 86.747 ng

RT: 12.904 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

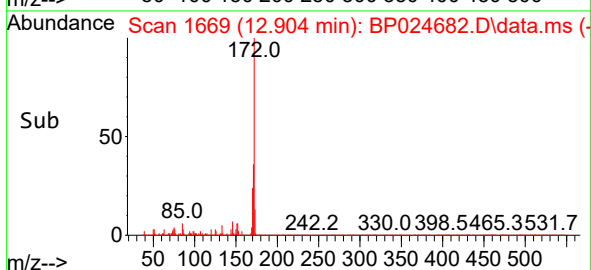
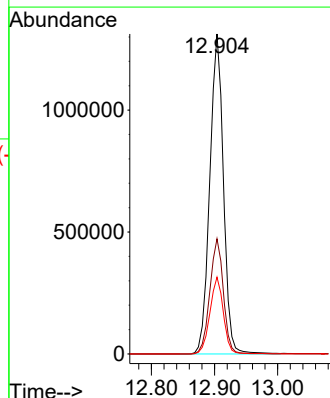
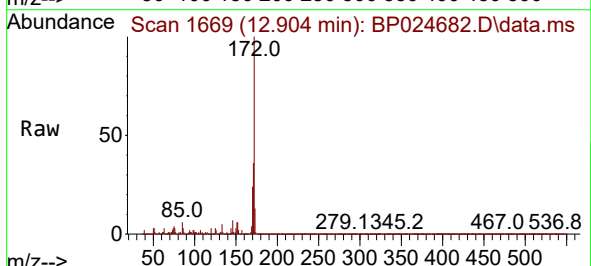
Tgt Ion:172 Resp: 1969470

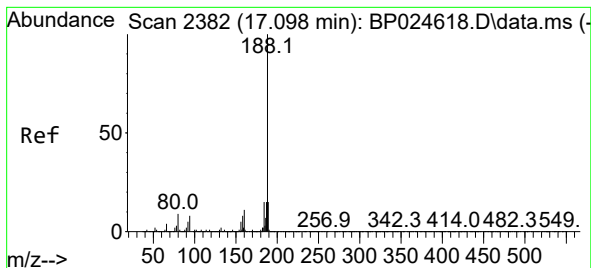
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.0 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: BP024682.D

Acq: 17 May 2025 08:42

Instrument :

BNA_P

ClientSampleId :

TP-A

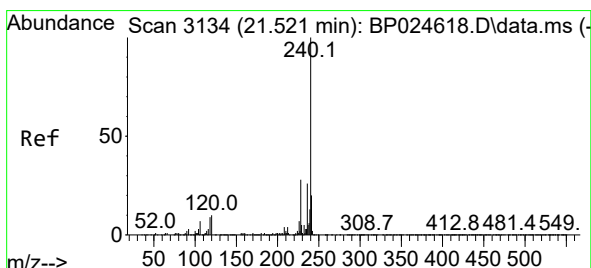
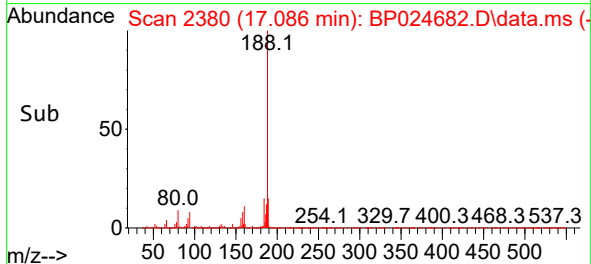
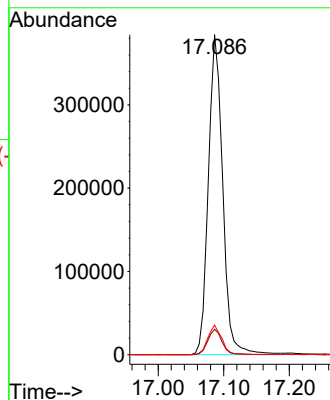
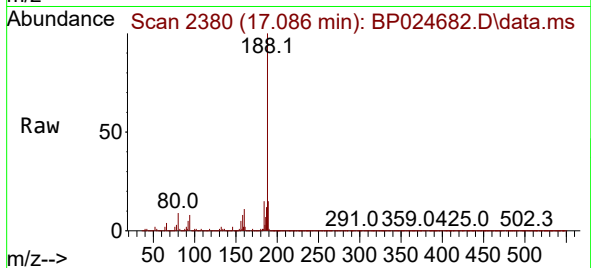
Tgt Ion:188 Resp: 586732

Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

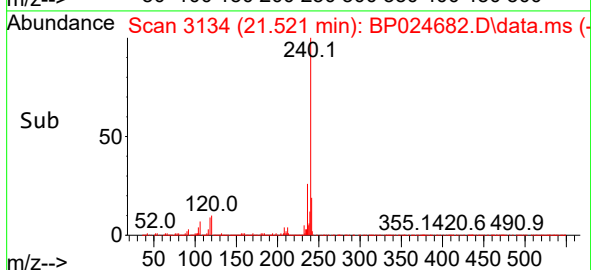
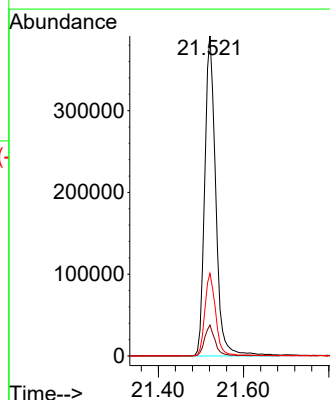
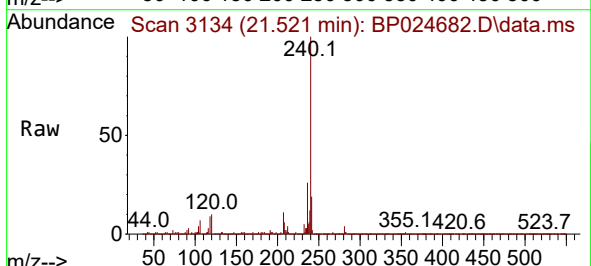
Tgt Ion:240 Resp: 701937

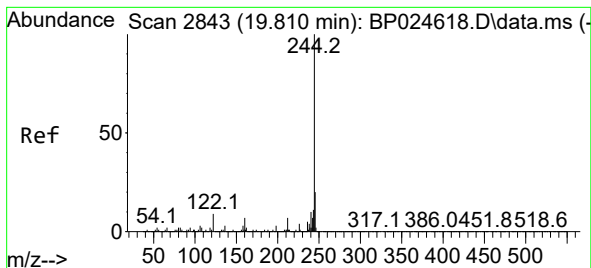
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 90.388 ng

RT: 19.809 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

Instrument :

BNA_P

ClientSampleId :

TP-A

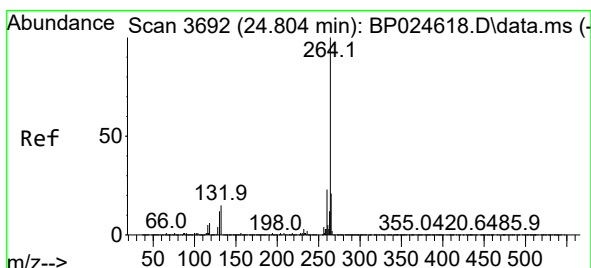
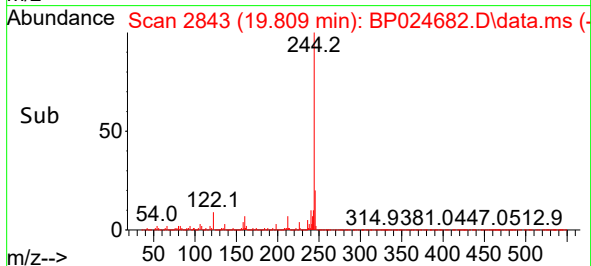
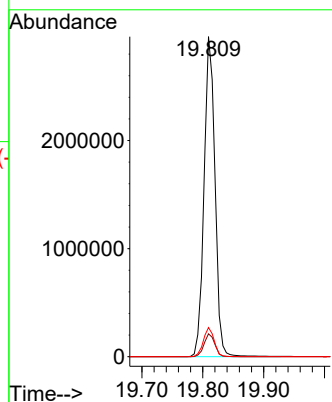
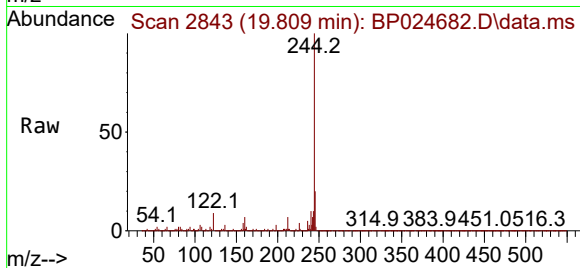
Tgt Ion:244 Resp: 3700167

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.1 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.803 min Scan# 3692

Delta R.T. -0.000 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

Tgt Ion:264 Resp: 702010

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.7 17.0 25.6

