

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024688.D
 Acq On : 19 May 2025 14:09
 Operator : RC/JU
 Sample : PB168041BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168041BL

Quant Time: May 19 15:01:00 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	146055	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	546676	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	318784	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	591988	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	589770	20.000	ng	0.00
86) Perylene-d12	24.804	264	764959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1172075	137.255	ng	0.00
7) Phenol-d6	6.864	99	1377861	126.426	ng	0.01
23) Nitrobenzene-d5	8.811	82	850821	78.637	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	708012	131.009	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1973403	81.102	ng	0.00
79) Terphenyl-d14	19.816	244	2881122	83.766	ng	0.00

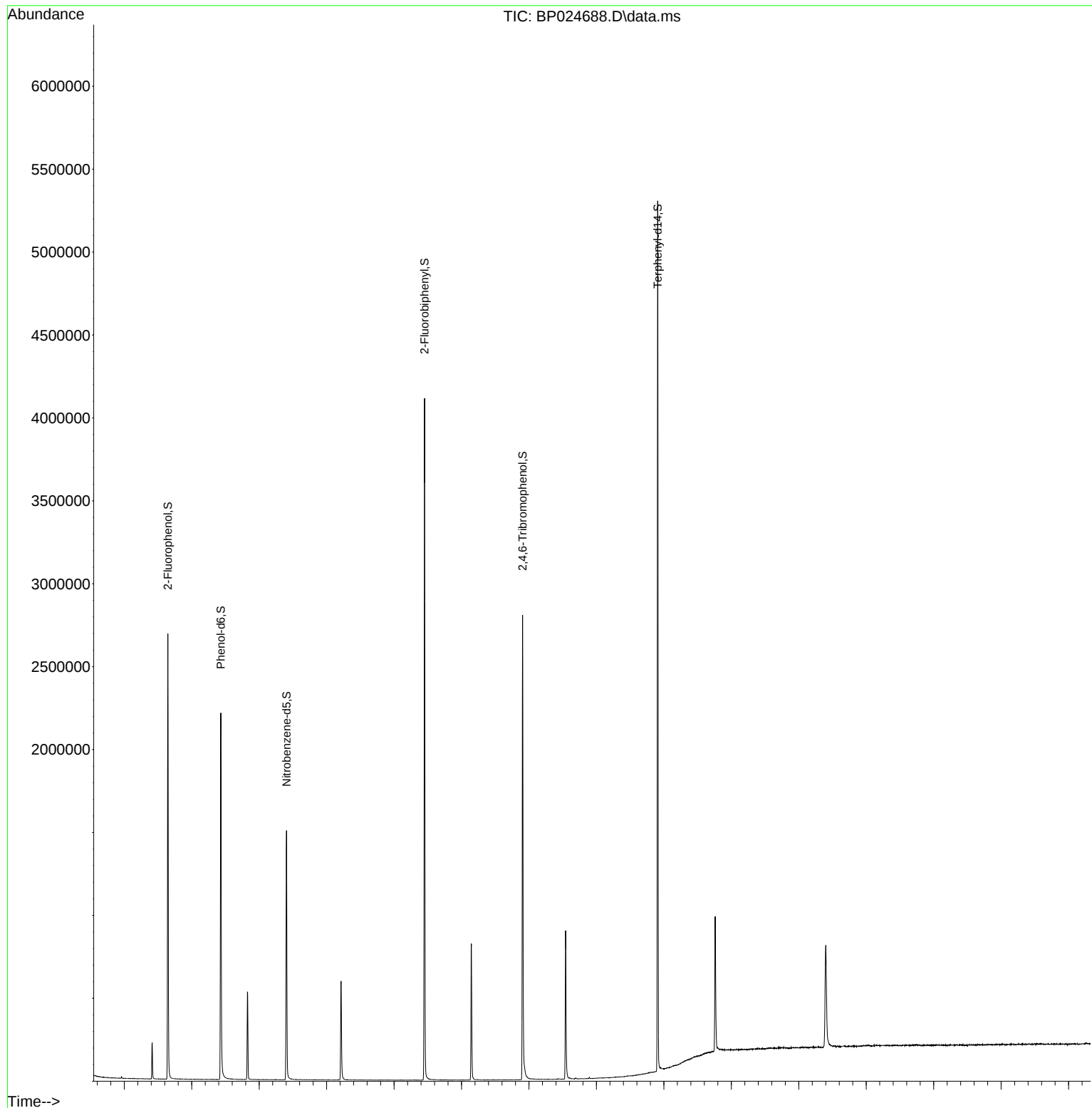
Target Compounds Qvalue

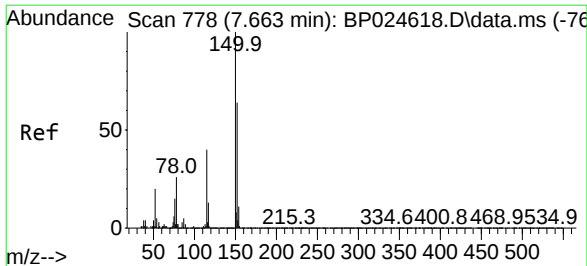
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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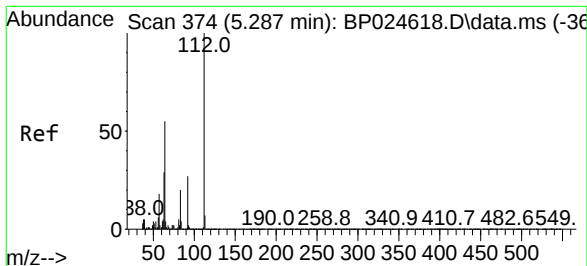
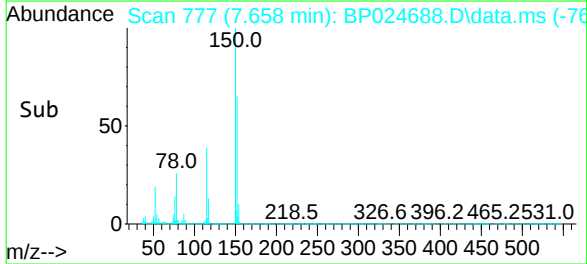
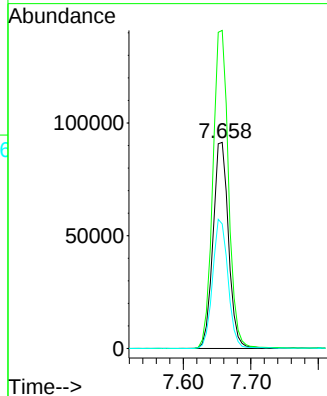
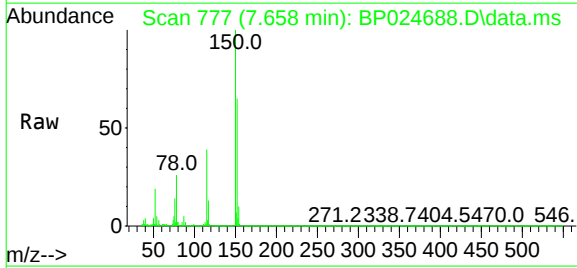




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024688.D
Acq: 19 May 2025 14:09

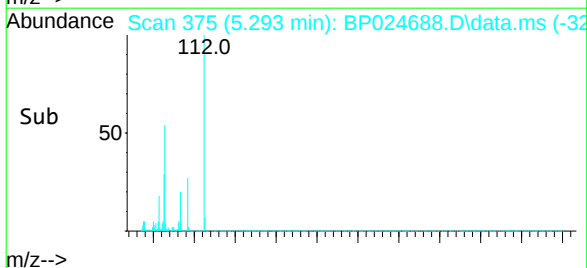
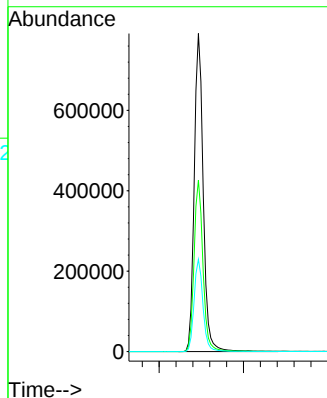
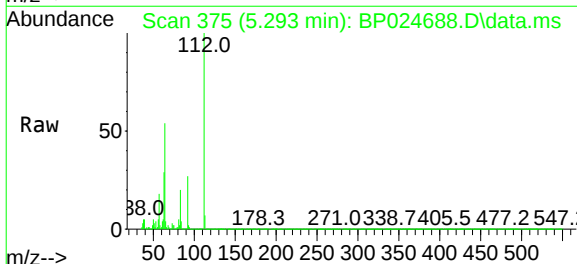
Instrument :
BNA_P
ClientSampleId :
PB168041BL

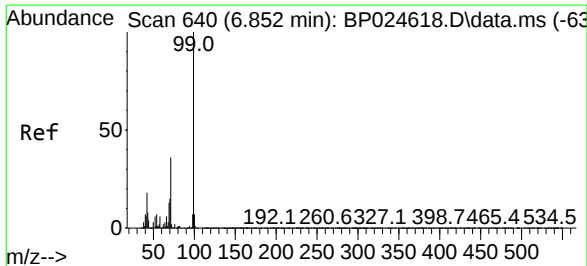
Tgt Ion:152 Resp: 146055
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 60.4 50.1 75.1



#5
2-Fluorophenol
Concen: 137.255 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024688.D
Acq: 19 May 2025 14:09

Tgt Ion:112 Resp: 1172075
Ion Ratio Lower Upper
112 100
64 53.9 44.1 66.1
63 29.0 23.5 35.3

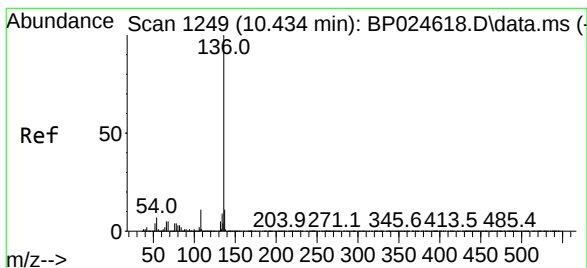
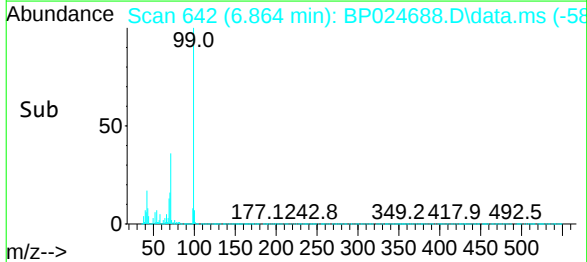
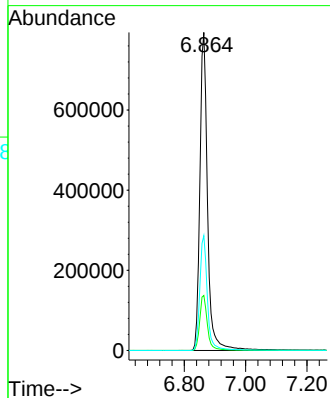
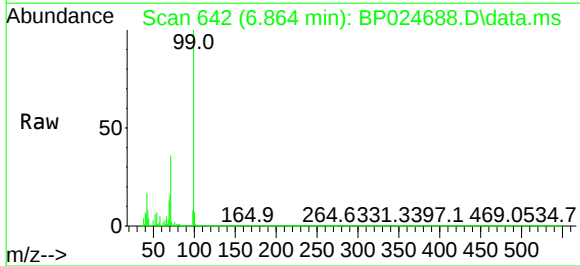




#7
Phenol-d6
Concen: 126.426 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024688.D
Acq: 19 May 2025 14:09

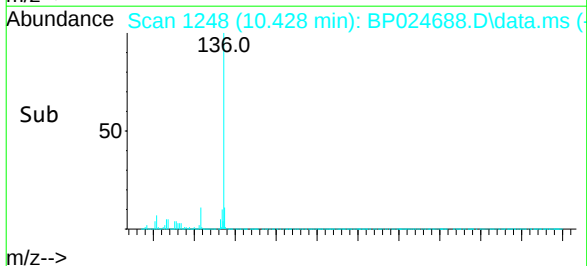
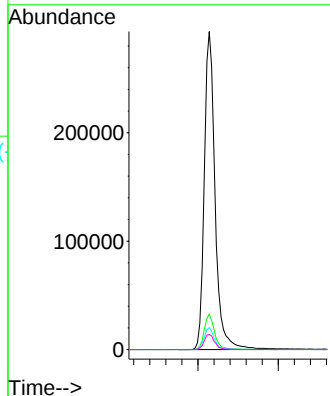
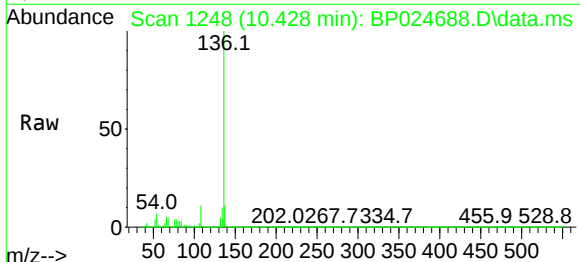
Instrument :
BNA_P
ClientSampleId :
PB168041BL

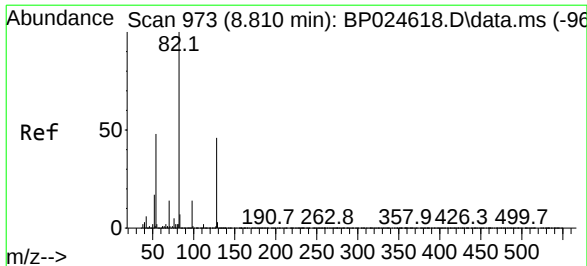
Tgt Ion: 99 Resp: 1377861
Ion Ratio Lower Upper
99 100
42 17.3 14.4 21.6
71 36.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024688.D
Acq: 19 May 2025 14:09

Tgt Ion: 136 Resp: 546676
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.5 8.3
68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 78.637 ng

RT: 8.811 min Scan# 97

Delta R.T. 0.000 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

Instrument :

BNA_P

ClientSampleId :

PB168041BL

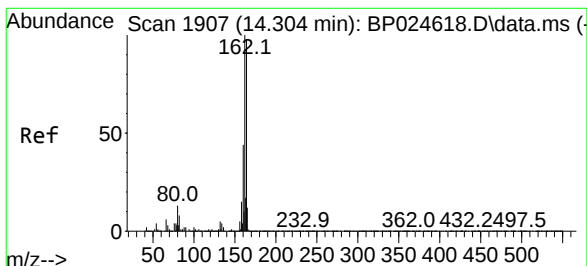
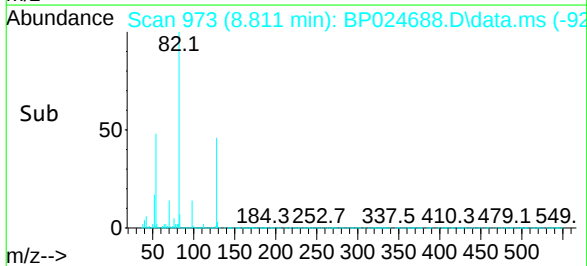
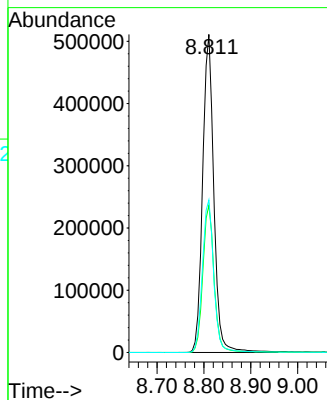
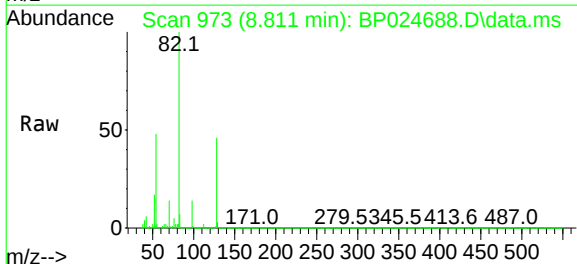
Tgt Ion: 82 Resp: 850821

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.4

54 47.9 38.7 58.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.293 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

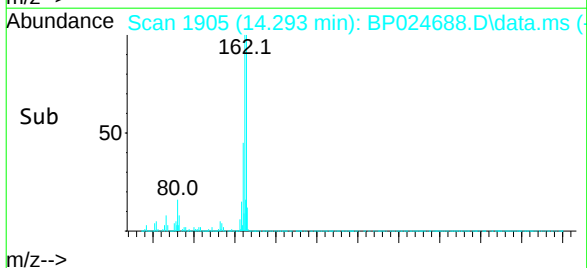
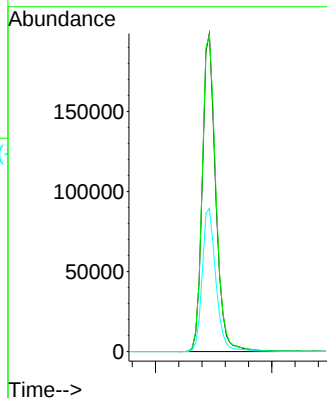
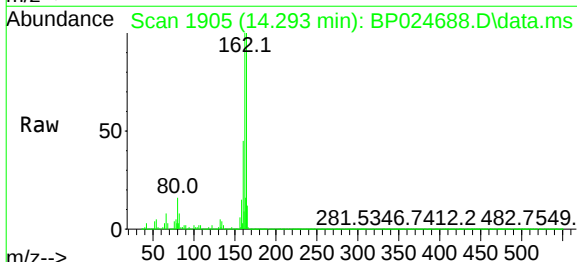
Tgt Ion: 164 Resp: 318784

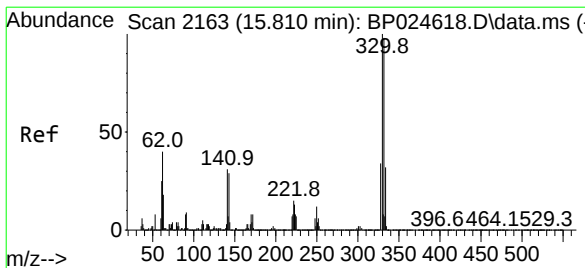
Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 131.009 ng

RT: 15.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

Instrument :

BNA_P

ClientSampleId :

PB168041BL

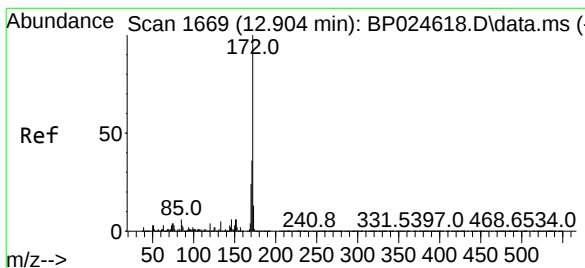
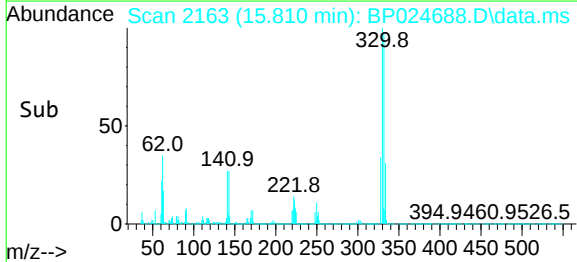
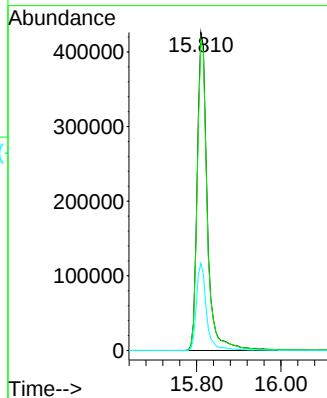
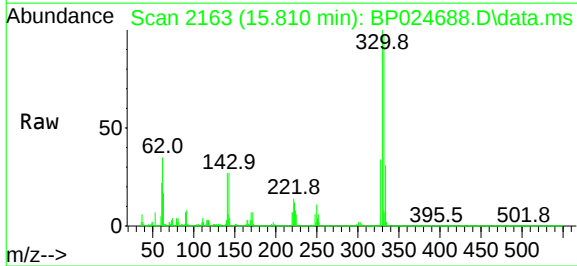
Tgt Ion:330 Resp: 708012

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 27.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 81.102 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

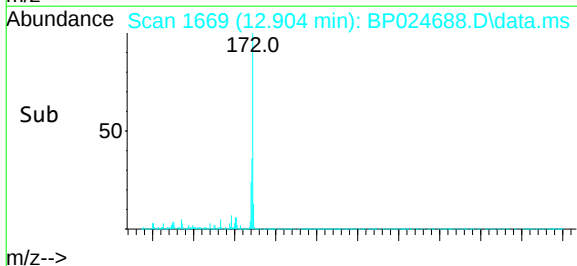
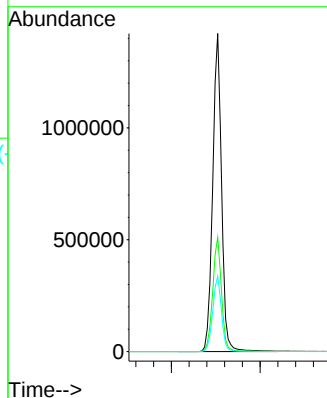
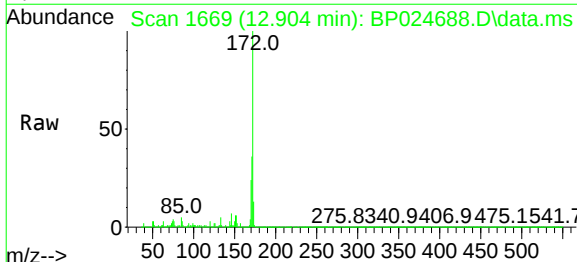
Tgt Ion:172 Resp: 1973403

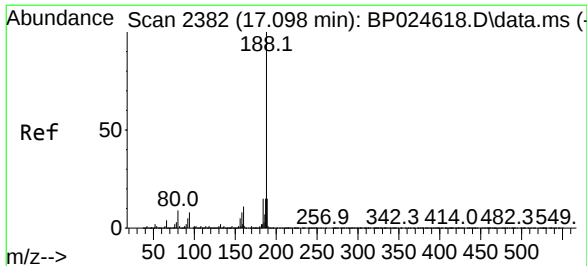
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 2382

Delta R.T. -0.012 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

Instrument :

BNA_P

ClientSampleId :

PB168041BL

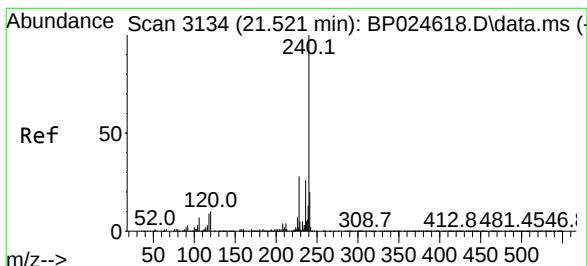
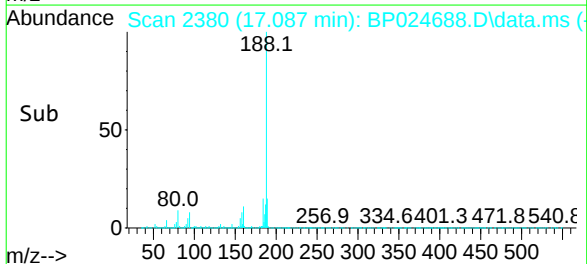
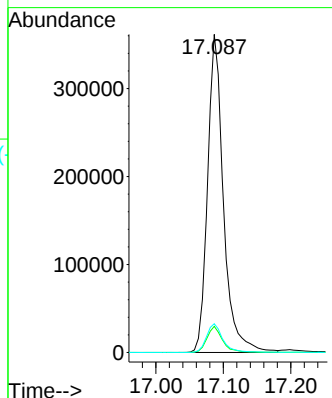
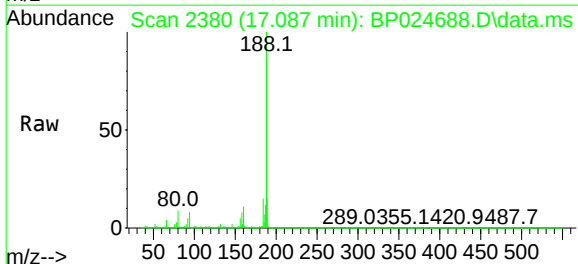
Tgt Ion:188 Resp: 591988

Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

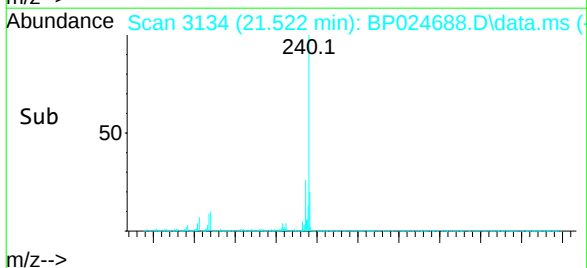
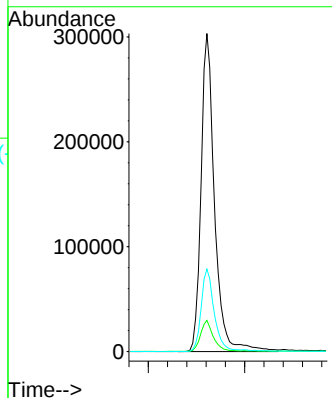
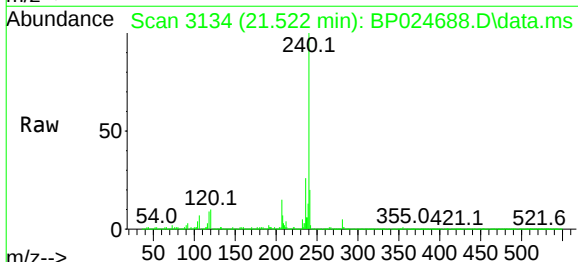
Tgt Ion:240 Resp: 589770

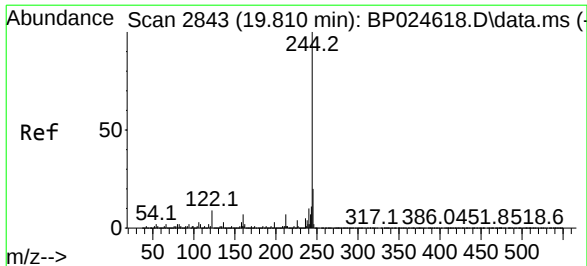
Ion Ratio Lower Upper

240 100

120 9.8 7.8 11.6

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 83.766 ng

RT: 19.816 min Scan# 2843

Delta R.T. 0.006 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

Instrument :

BNA_P

ClientSampleId :

PB168041BL

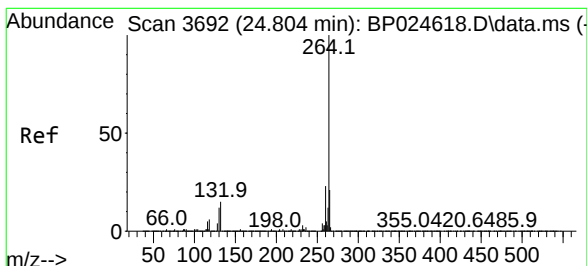
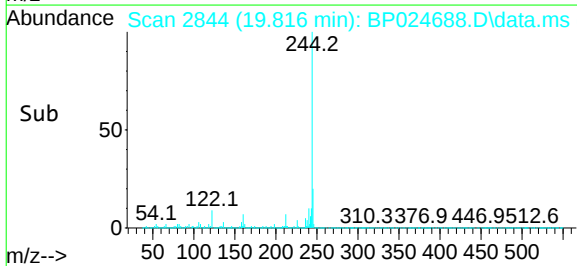
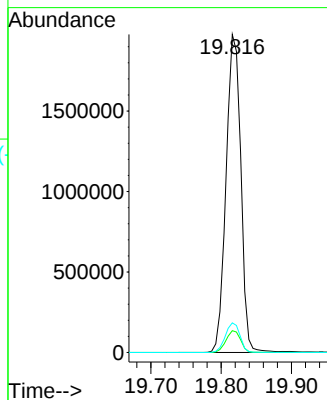
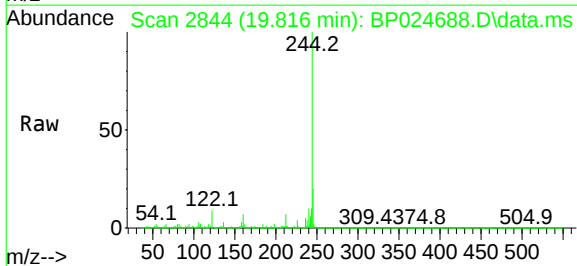
Tgt Ion:244 Resp: 2881122

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP024688.D

Acq: 19 May 2025 14:09

Tgt Ion:264 Resp: 764959

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.7 17.0 25.6

