

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024761.D
 Acq On : 22 May 2025 16:22
 Operator : RC/JU
 Sample : Q2097-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR251675

Quant Time: May 22 17:09:23 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	7.652	152	130065	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	520684	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	313316	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	575137	20.000	ng	# 0.00
76) Chrysene-d12	21.522	240	687211	20.000	ng	0.00
86) Perylene-d12	24.804	264	860731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	598747	78.736	ng	0.00
7) Phenol-d6	6.858	99	761277	78.438	ng	0.00
23) Nitrobenzene-d5	8.799	82	464476	45.072	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	489338	92.126	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1139947	47.667	ng	-0.01
79) Terphenyl-d14	19.816	244	1993092	49.731	ng	0.00

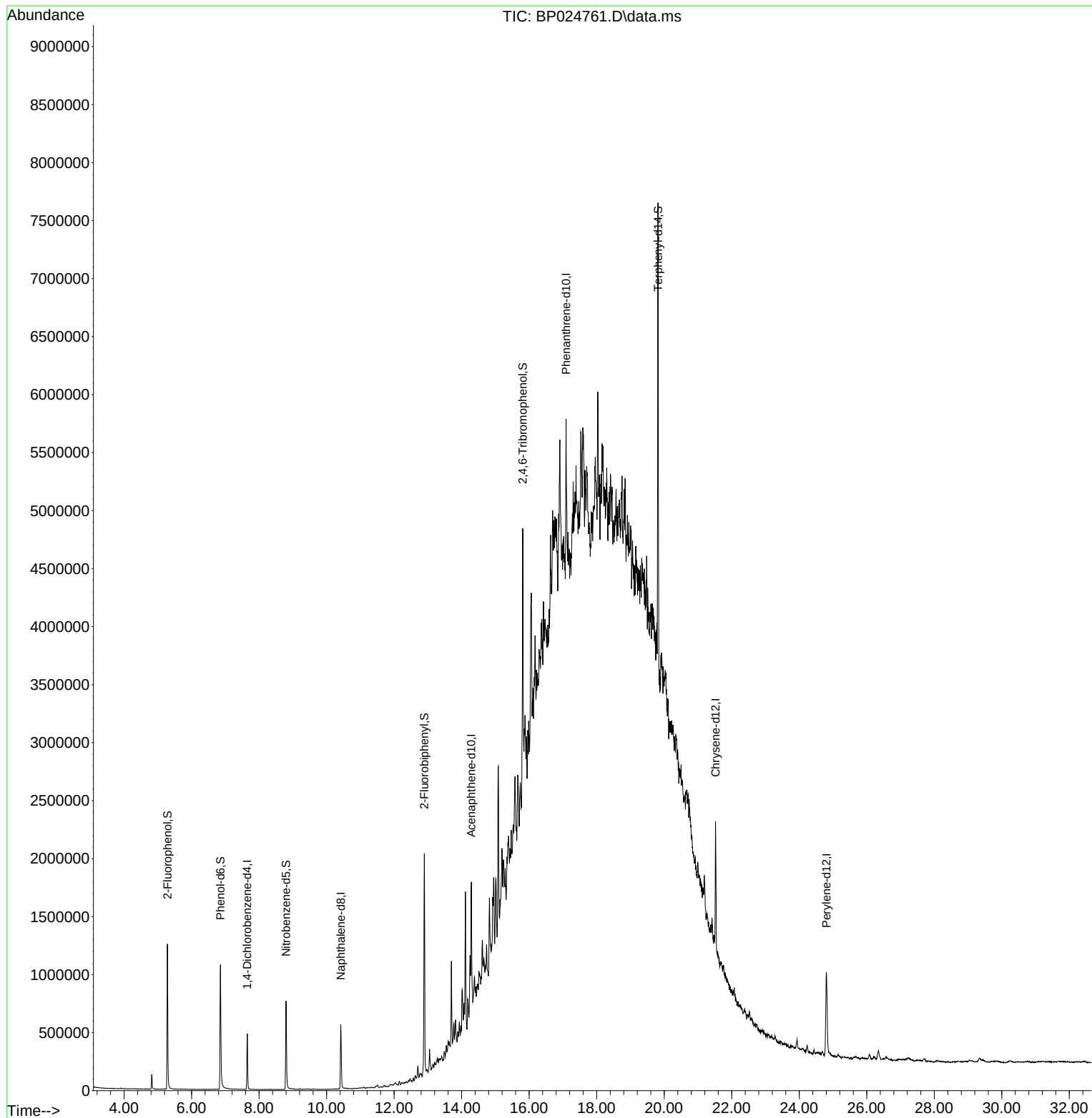
Target Compounds	Qvalue

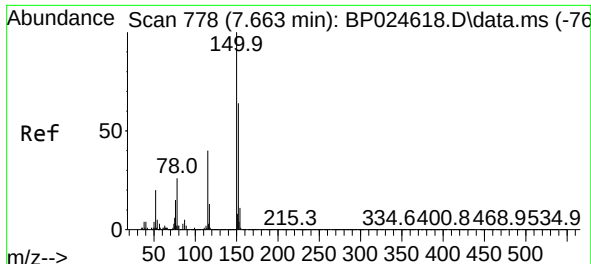
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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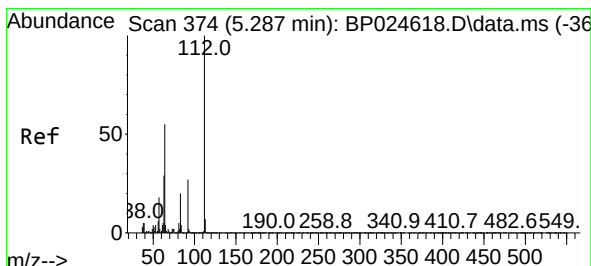
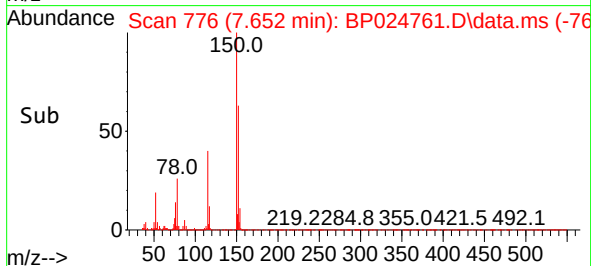
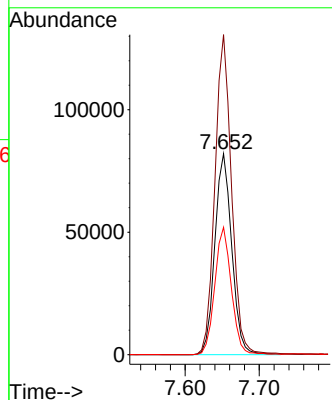
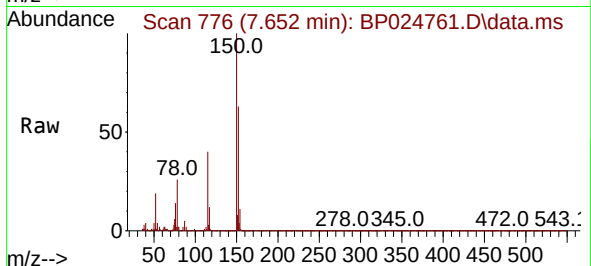




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024761.D
Acq: 22 May 2025 16:22

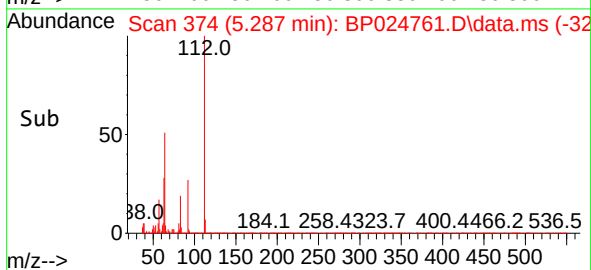
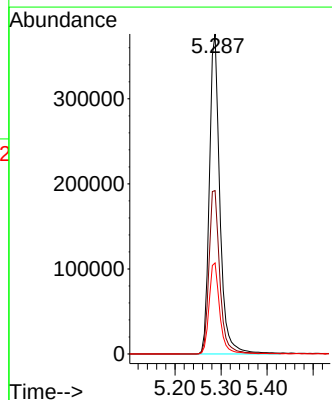
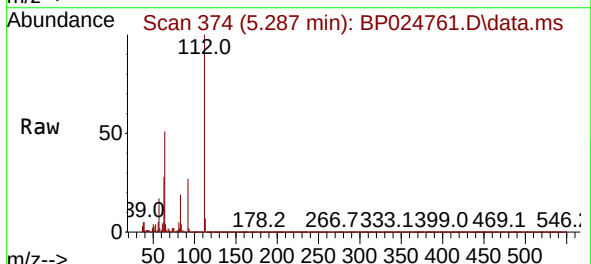
Instrument :
BNA_P
ClientSampleId :
RBR251675

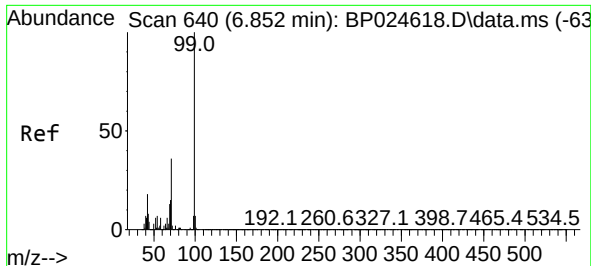
Tgt Ion:152 Resp: 130065
Ion Ratio Lower Upper
152 100
150 159.2 125.9 188.9
115 63.4 50.1 75.1



#5
2-Fluorophenol
Concen: 78.736 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024761.D
Acq: 22 May 2025 16:22

Tgt Ion:112 Resp: 598747
Ion Ratio Lower Upper
112 100
64 51.0 44.1 66.1
63 28.4 23.5 35.3

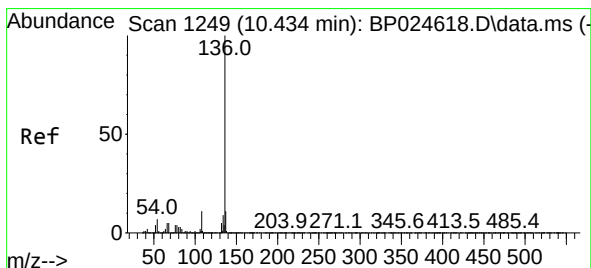
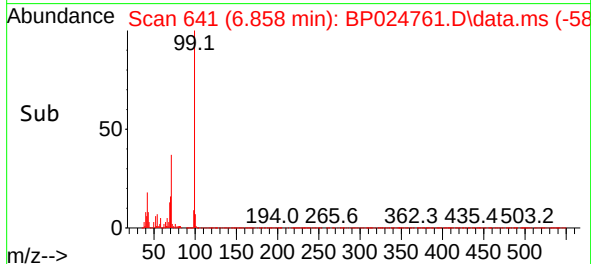
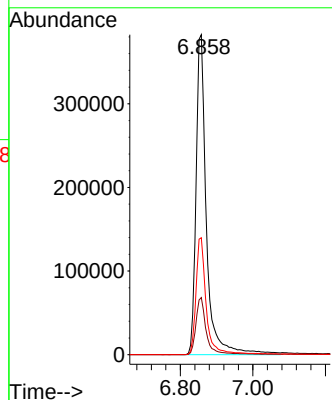
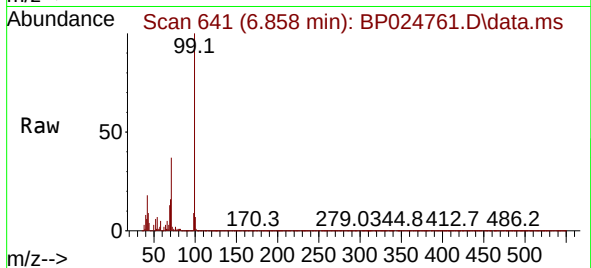




#7
Phenol-d6
Concen: 78.438 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024761.D
Acq: 22 May 2025 16:22

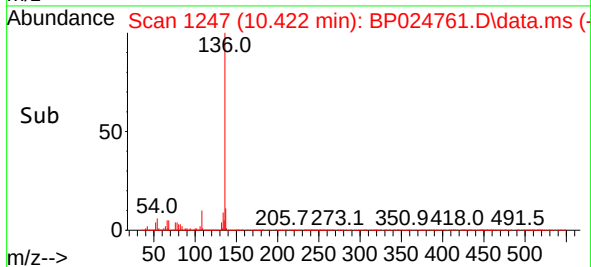
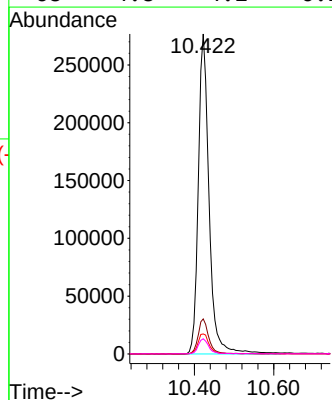
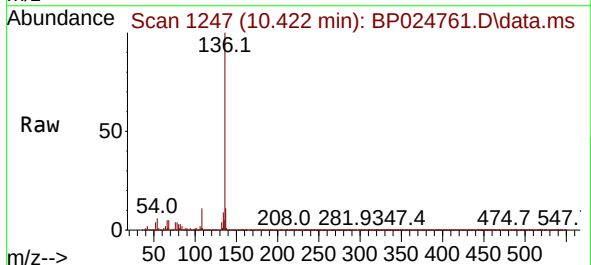
Instrument :
BNA_P
ClientSampleId :
RBR251675

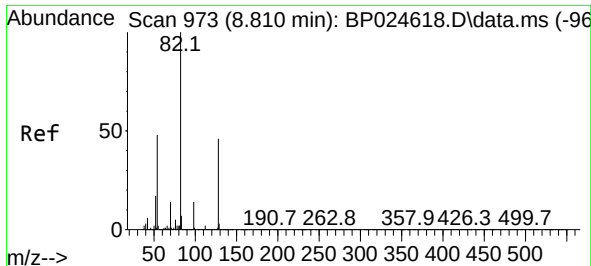
Tgt Ion: 99 Resp: 761277
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024761.D
Acq: 22 May 2025 16:22

Tgt Ion: 136 Resp: 520684
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.3 5.5 8.3
68 4.8 4.2 6.2

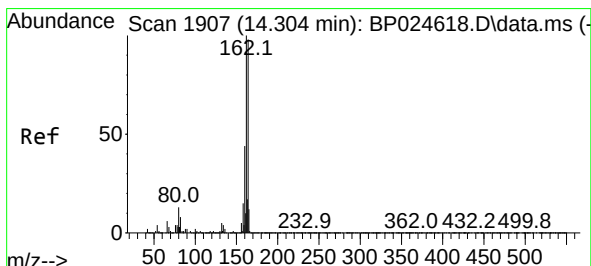
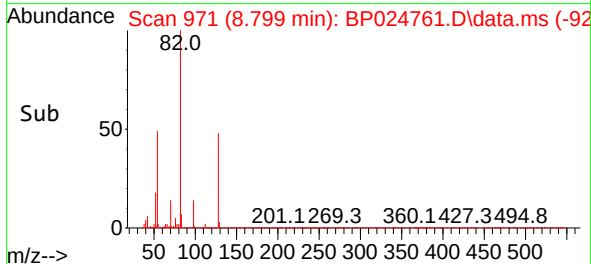
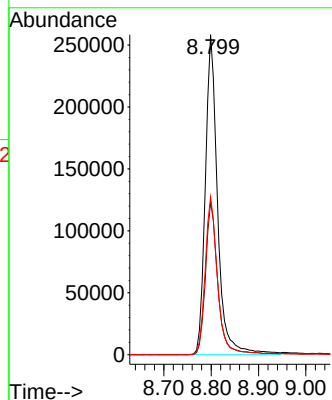
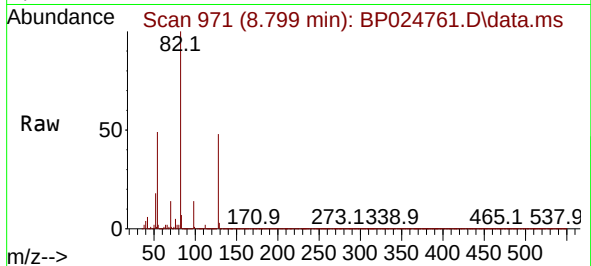




#23
Nitrobenzene-d5
Concen: 45.072 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024761.D
Acq: 22 May 2025 16:22

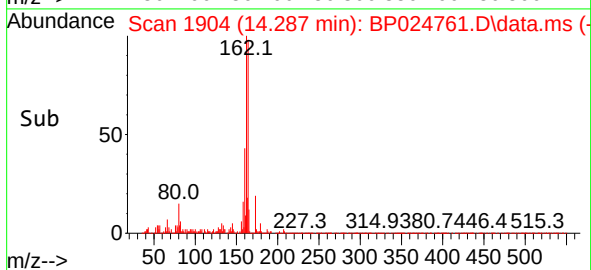
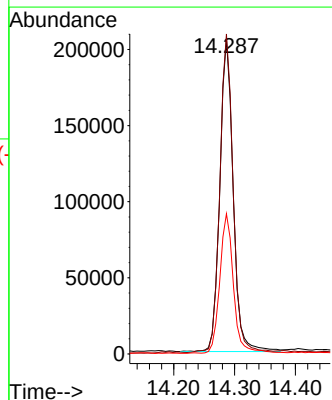
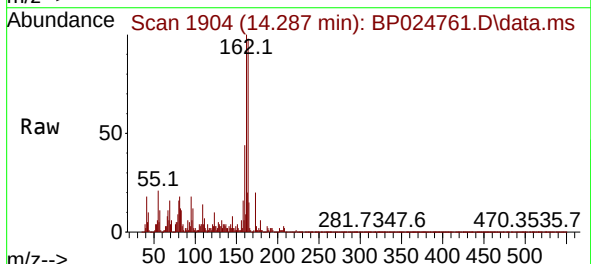
Instrument :
BNA_P
ClientSampleId :
RBR251675

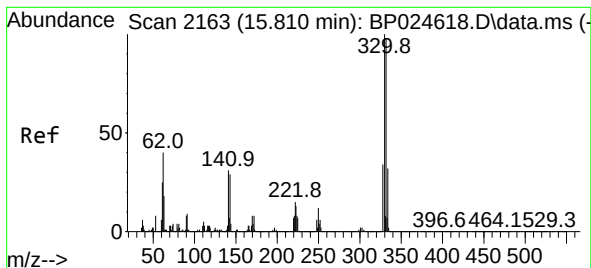
Tgt Ion: 82 Resp: 464476
Ion Ratio Lower Upper
82 100
128 47.7 37.0 55.4
54 49.4 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024761.D
Acq: 22 May 2025 16:22

Tgt Ion: 164 Resp: 313316
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 92.126 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024761.D

Acq: 22 May 2025 16:22

Instrument :

BNA_P

ClientSampleId :

RBR251675

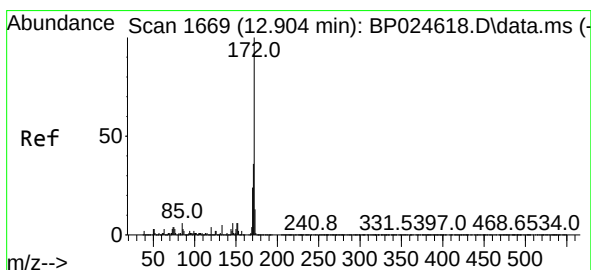
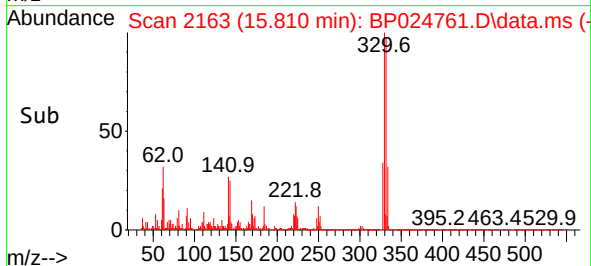
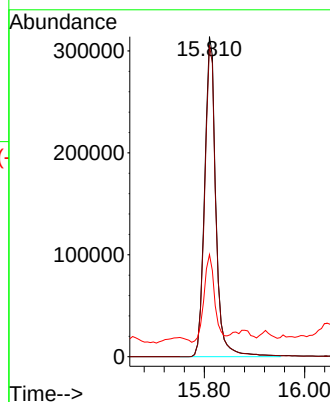
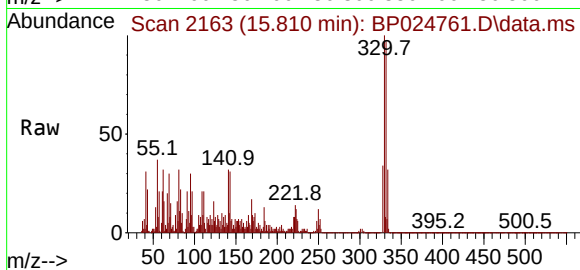
Tgt Ion:330 Resp: 489338

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

141 26.5 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 47.667 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024761.D

Acq: 22 May 2025 16:22

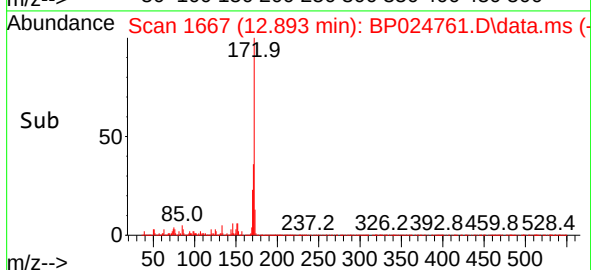
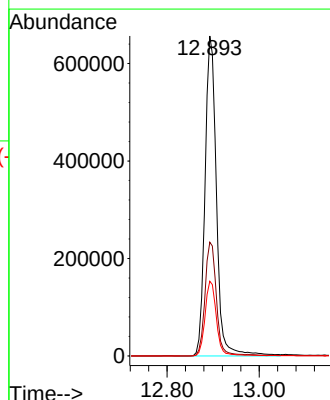
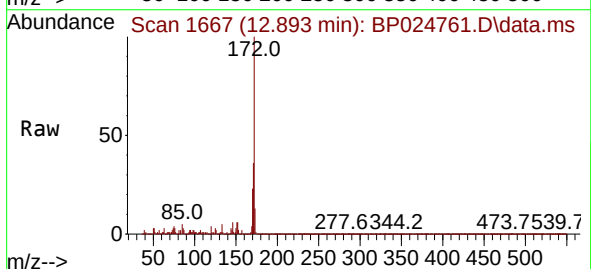
Tgt Ion:172 Resp: 1139947

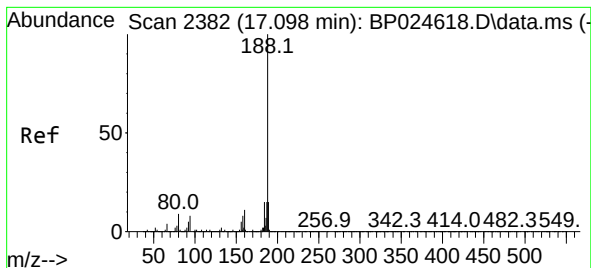
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024761.D

Acq: 22 May 2025 16:22

Instrument :

BNA_P

ClientSampleId :

RBR251675

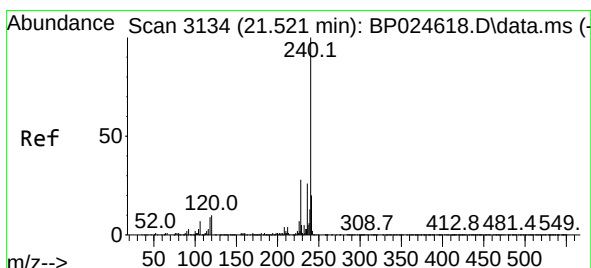
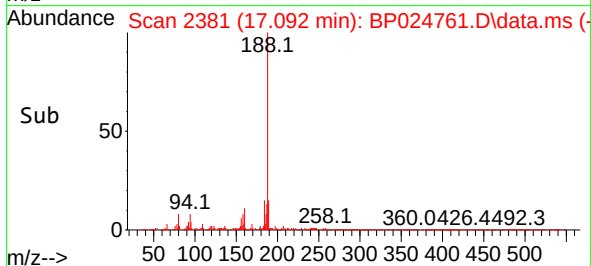
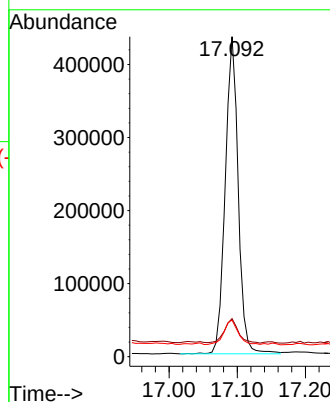
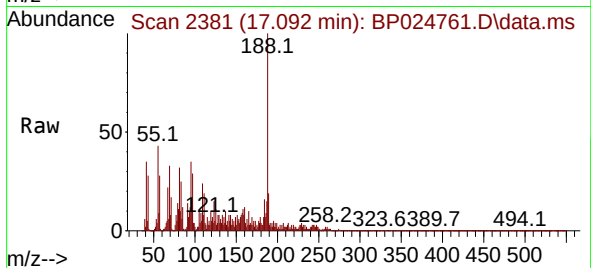
Tgt Ion:188 Resp: 575137

Ion Ratio Lower Upper

188 100

94 11.9 6.5 9.7#

80 11.5 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: BP024761.D

Acq: 22 May 2025 16:22

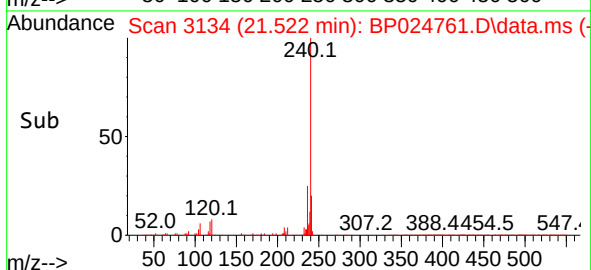
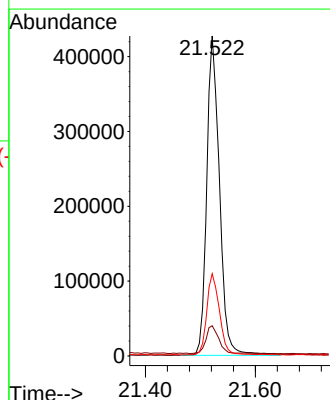
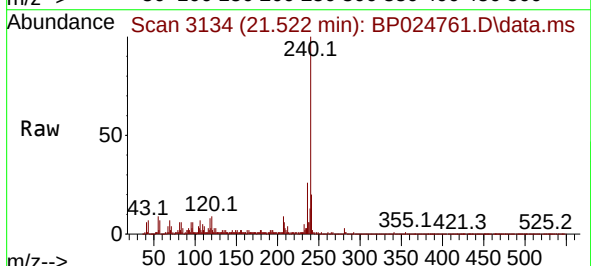
Tgt Ion:240 Resp: 687211

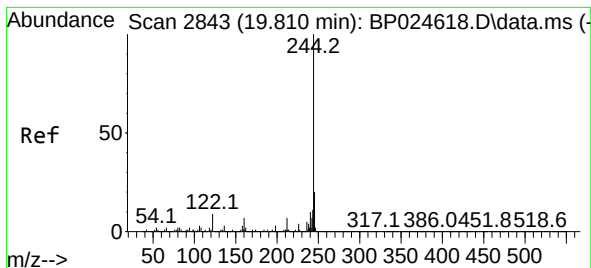
Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 49.731 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024761.D

Acq: 22 May 2025 16:22

Instrument :

BNA_P

ClientSampleId :

RBR251675

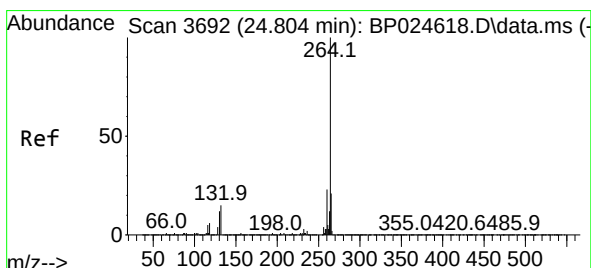
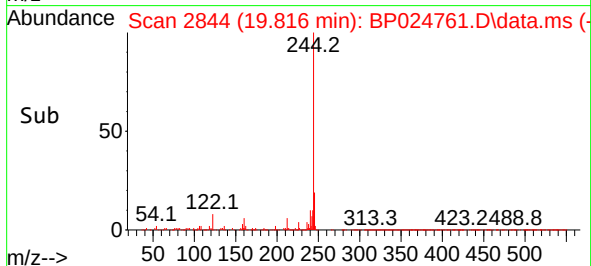
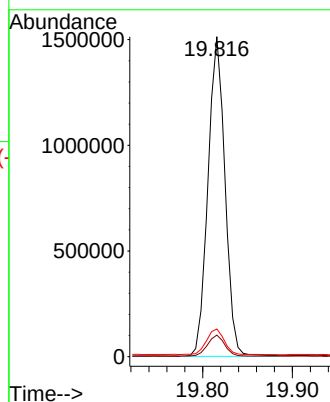
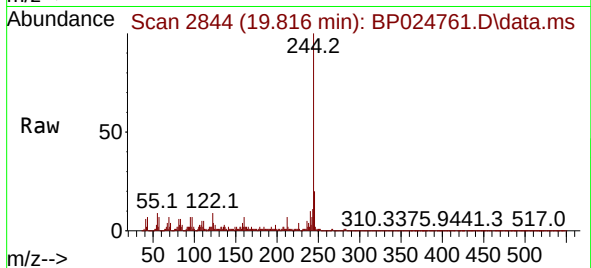
Tgt Ion:244 Resp: 1993092

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.6 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: BP024761.D

Acq: 22 May 2025 16:22

Tgt Ion:264 Resp: 860731

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.6 17.0 25.6

