

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Quant Time: May 22 11:56:30 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	115351	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	453620	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	285428	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	613349	20.000	ng	0.00
76) Chrysene-d12	21.522	240	715536	20.000	ng	0.00
86) Perylene-d12	24.821	264	855120	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	894994	132.705	ng	0.00
7) Phenol-d6	6.858	99	1057300	122.835	ng	0.00
23) Nitrobenzene-d5	8.799	82	673508	75.019	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	734079	151.706	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1683571	77.276	ng	0.00
79) Terphenyl-d14	19.822	244	3464548	83.024	ng	0.01

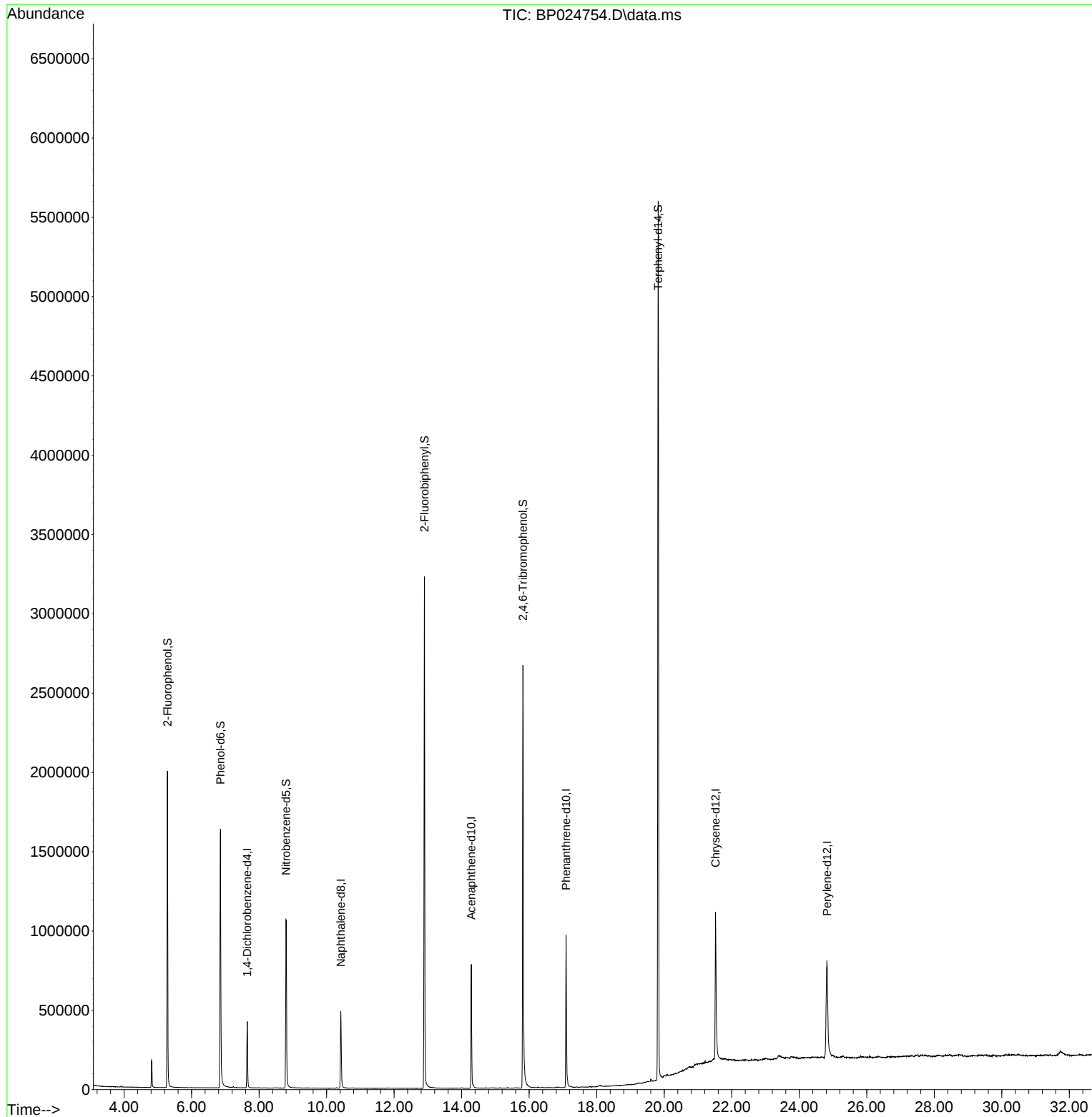
Target Compounds	Qvalue
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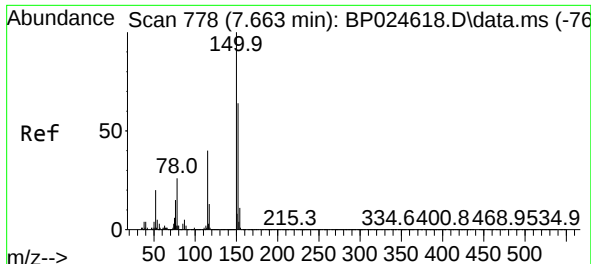
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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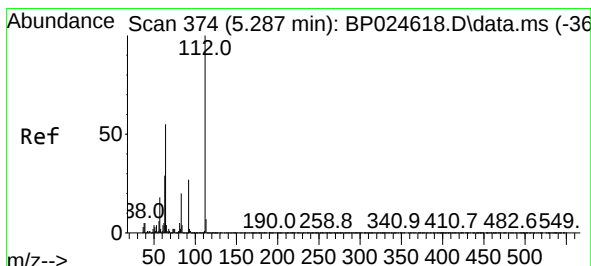
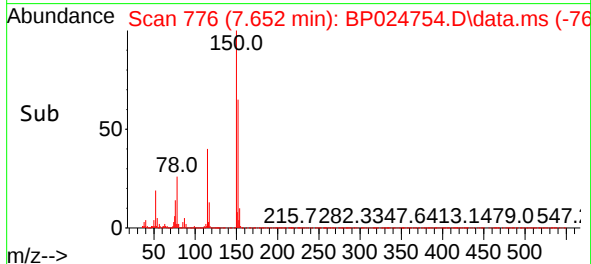
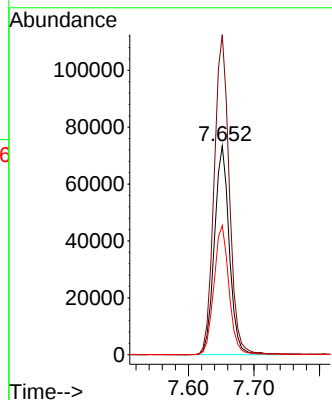
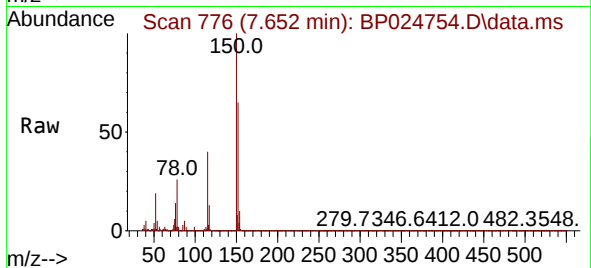




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

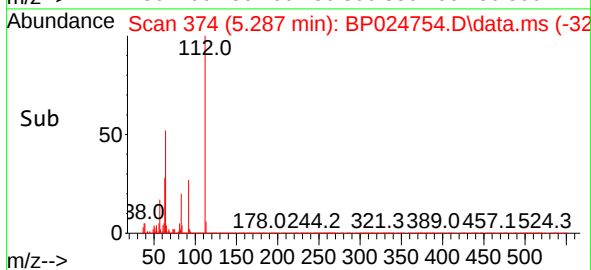
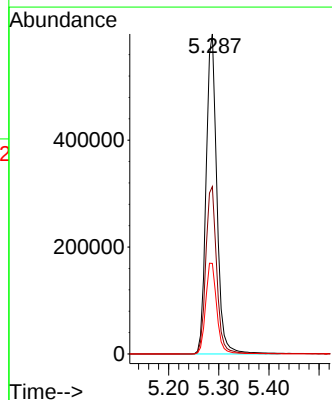
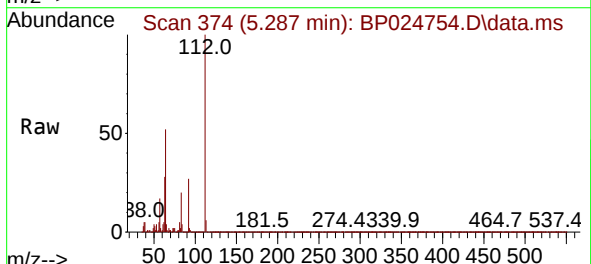
Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:152 Resp: 115351
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 61.8 50.1 75.1



#5
2-Fluorophenol
Concen: 132.705 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:112 Resp: 894994
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 28.3 23.5 35.3

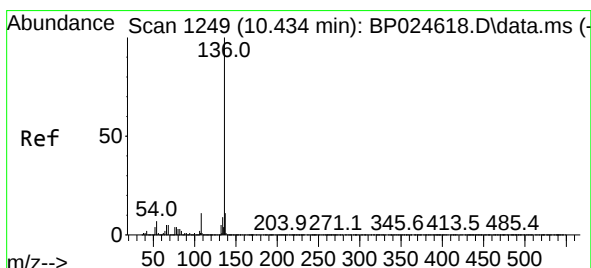
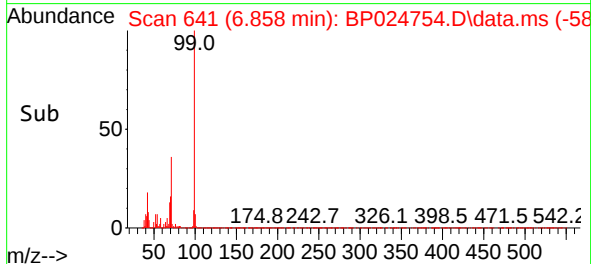
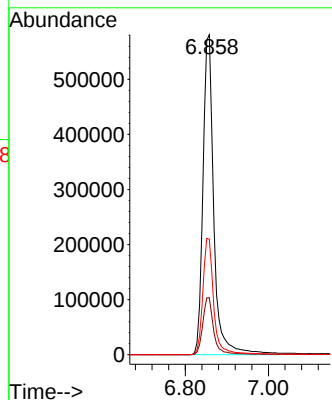
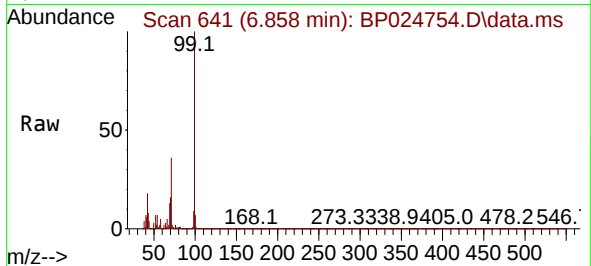




#7
Phenol-d6
Concen: 122.835 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

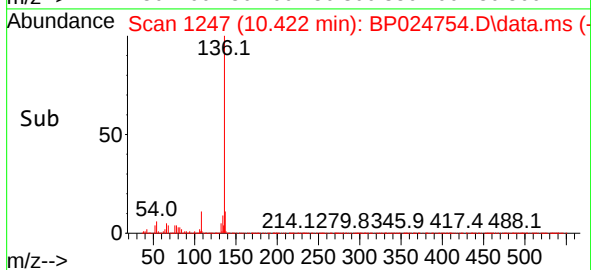
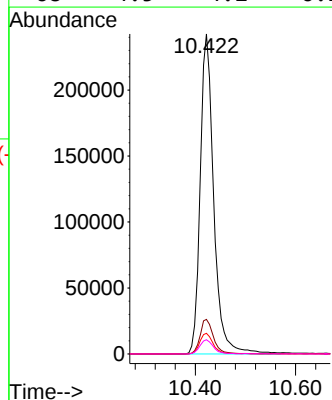
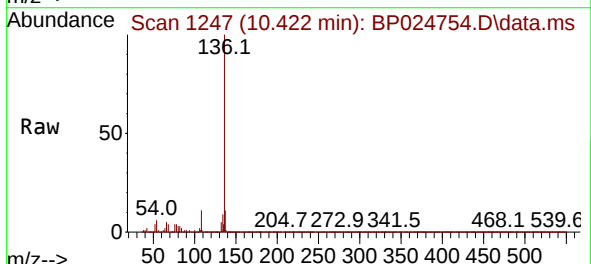
Instrument :
BNA_P
ClientSampleId :
PB168098BL

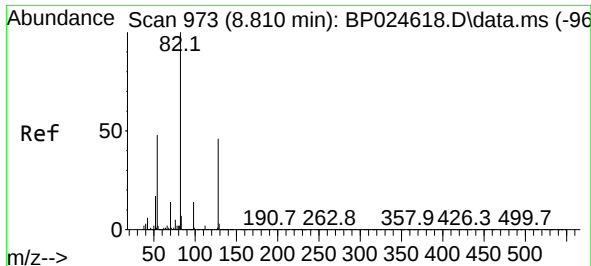
Tgt Ion: 99 Resp: 1057300
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 36.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion: 136 Resp: 453620
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.5 8.3
68 4.5 4.2 6.2

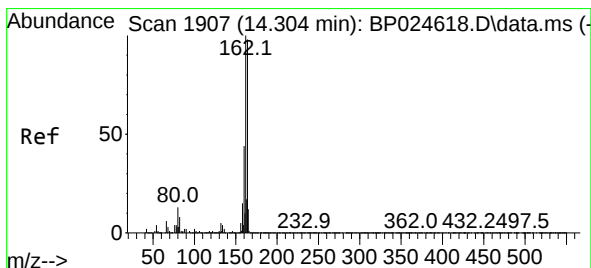
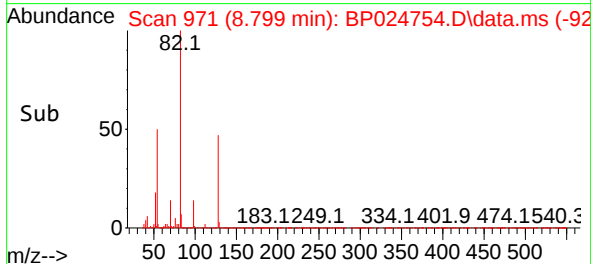
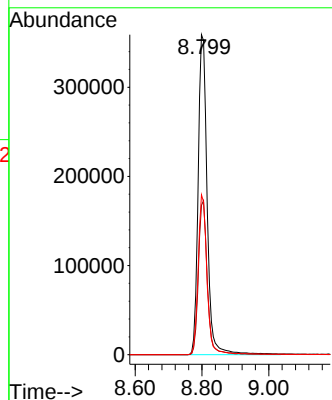
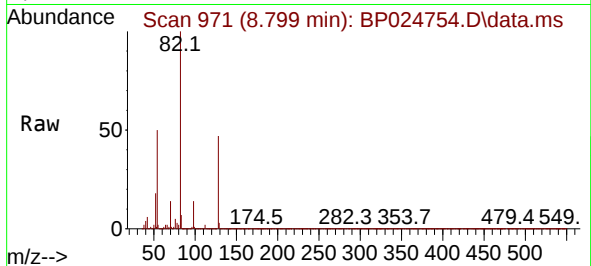




#23
Nitrobenzene-d5
Concen: 75.019 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

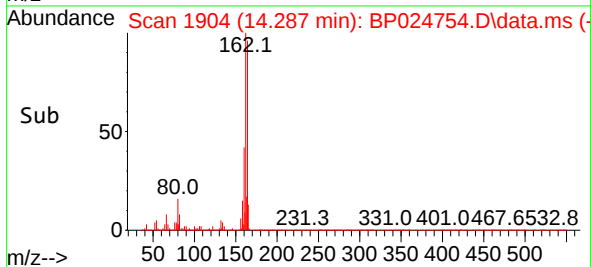
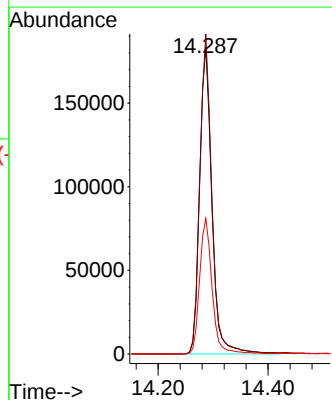
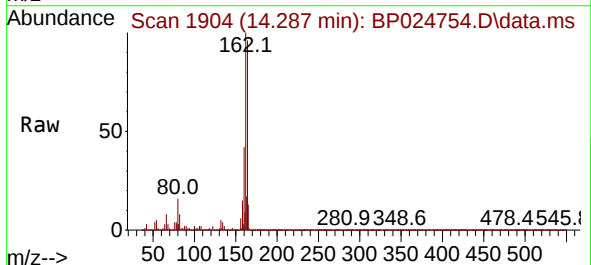
Instrument :
BNA_P
ClientSampleId :
PB168098BL

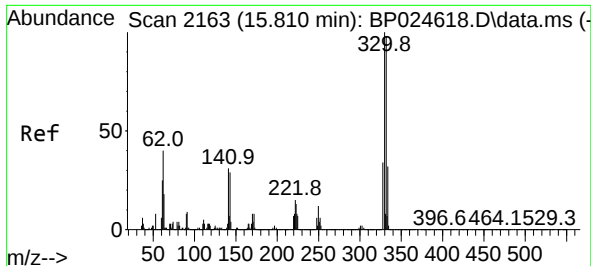
Tgt Ion: 82 Resp: 673508
Ion Ratio Lower Upper
82 100
128 46.7 37.0 55.4
54 50.0 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion: 164 Resp: 285428
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.6
160 44.2 36.3 54.5

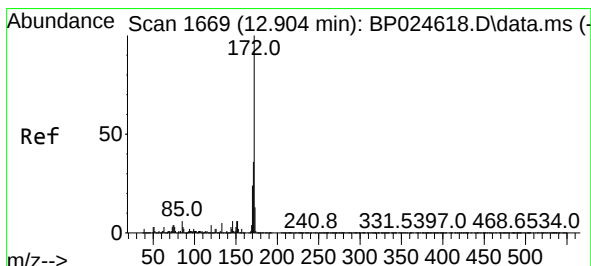
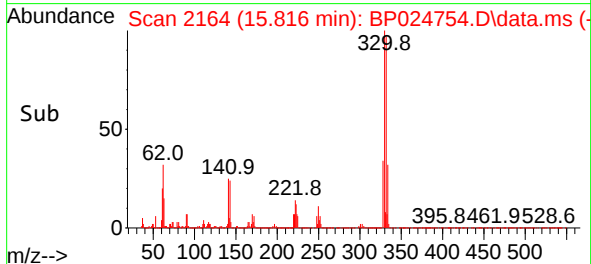
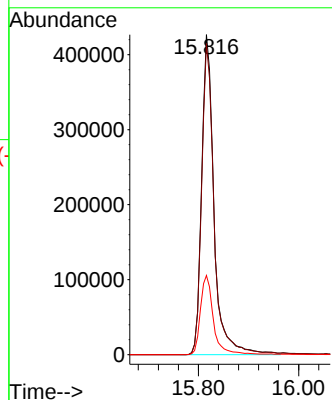
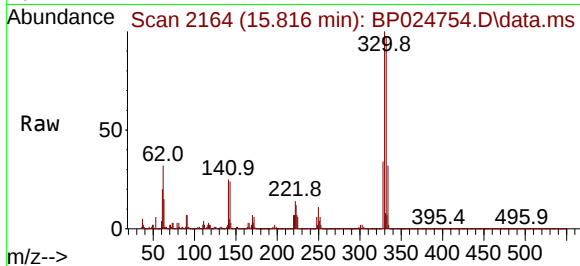




#42
2,4,6-Tribromophenol
Concen: 151.706 ng
RT: 15.816 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

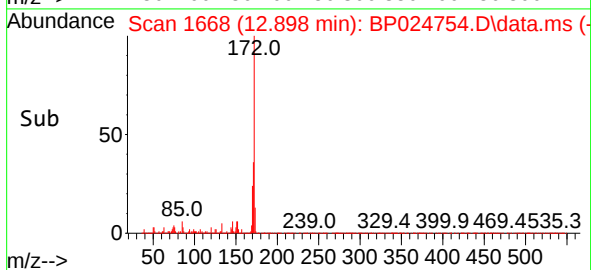
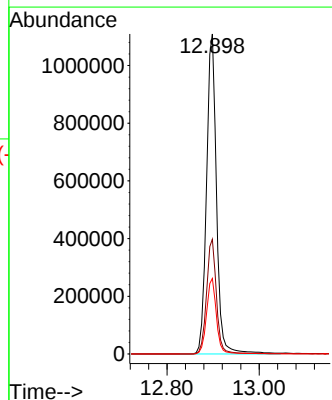
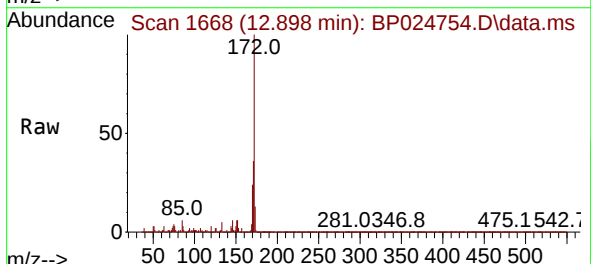
Instrument :
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ClientSampleId :
PB168098BL

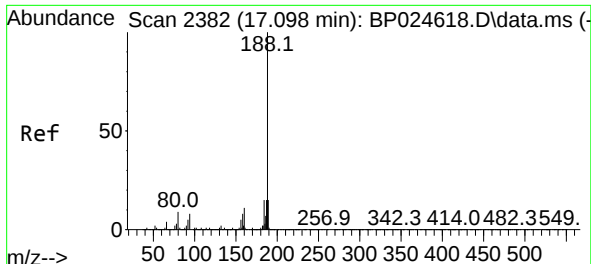
Tgt Ion: 330 Resp: 734079
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 26.0 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 77.276 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion: 172 Resp: 1683571
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.6 18.8 28.2

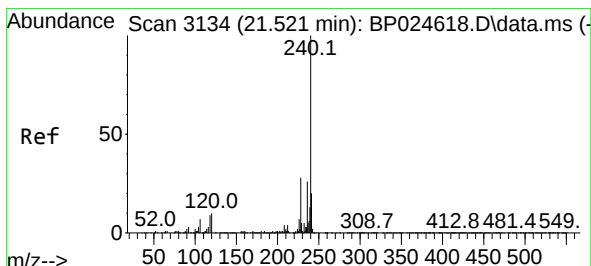
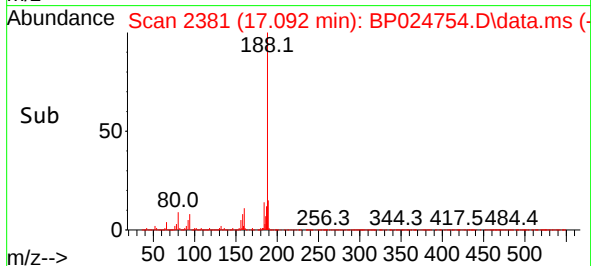
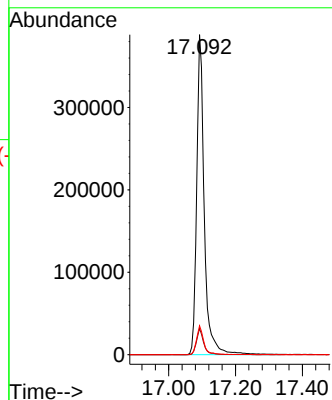
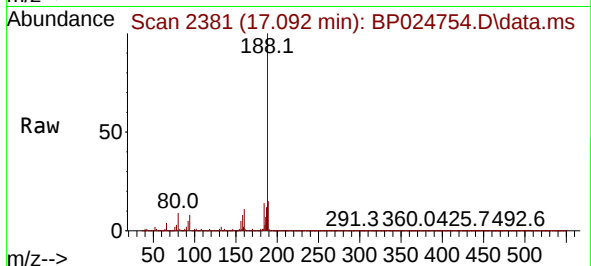




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

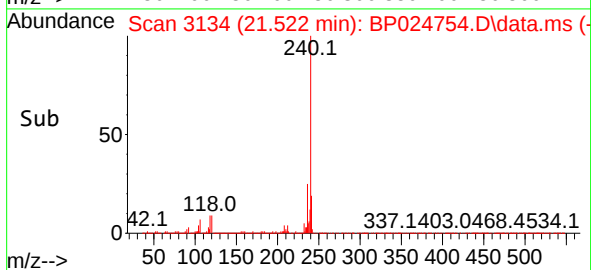
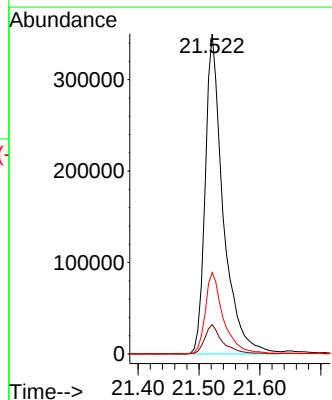
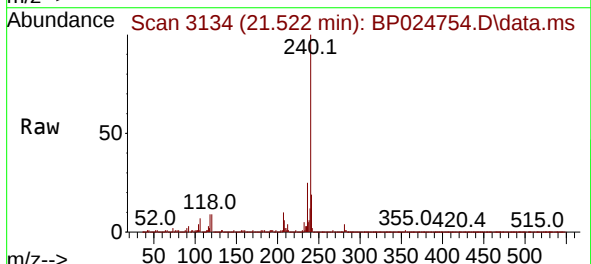
Instrument :
BNA_P
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PB168098BL

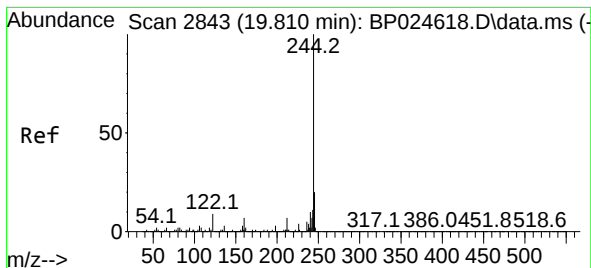
Tgt Ion:188 Resp: 613349
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 9.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:240 Resp: 715536
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 83.024 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024754.D

Acq: 22 May 2025 11:37

Instrument :

BNA_P

ClientSampleId :

PB168098BL

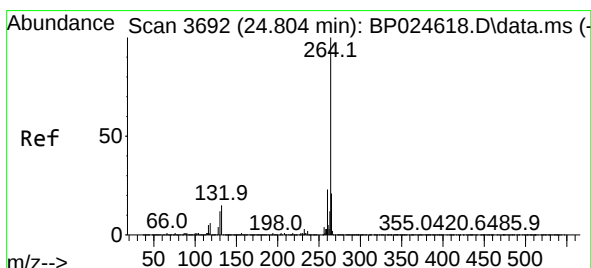
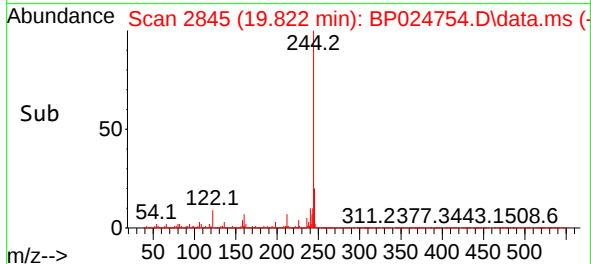
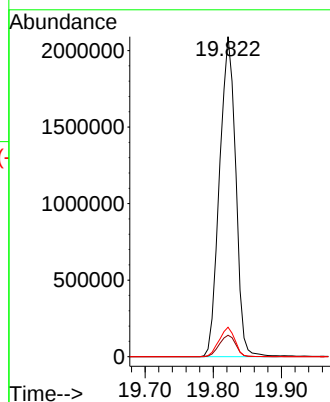
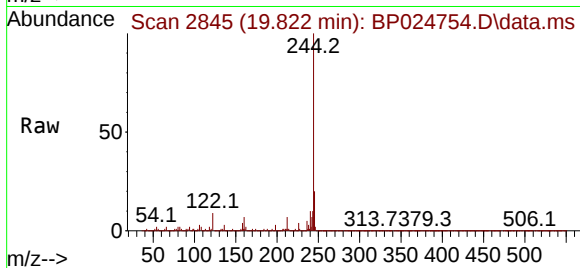
Tgt Ion:244 Resp: 3464548

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 9.2 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.821 min Scan# 3695

Delta R.T. 0.018 min

Lab File: BP024754.D

Acq: 22 May 2025 11:37

Tgt Ion:264 Resp: 855120

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.8 17.0 25.6

