

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024721.D
 Acq On : 21 May 2025 01:28
 Operator : RC/JU
 Sample : PB168033TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168033TB

Quant Time: May 21 03:56:09 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	125304	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	470424	20.000	ng	# 0.00
39) Acenaphthene-d10	14.287	164	294716	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	617509	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	652587	20.000	ng	-0.01
86) Perylene-d12	24.792	264	737646	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	975179	133.110	ng	0.00
7) Phenol-d6	6.863	99	1142448	122.185	ng	0.01
23) Nitrobenzene-d5	8.804	82	736621	79.118	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	744363	148.983	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1880549	83.598	ng	-0.01
79) Terphenyl-d14	19.798	244	3397979	89.283	ng	-0.01

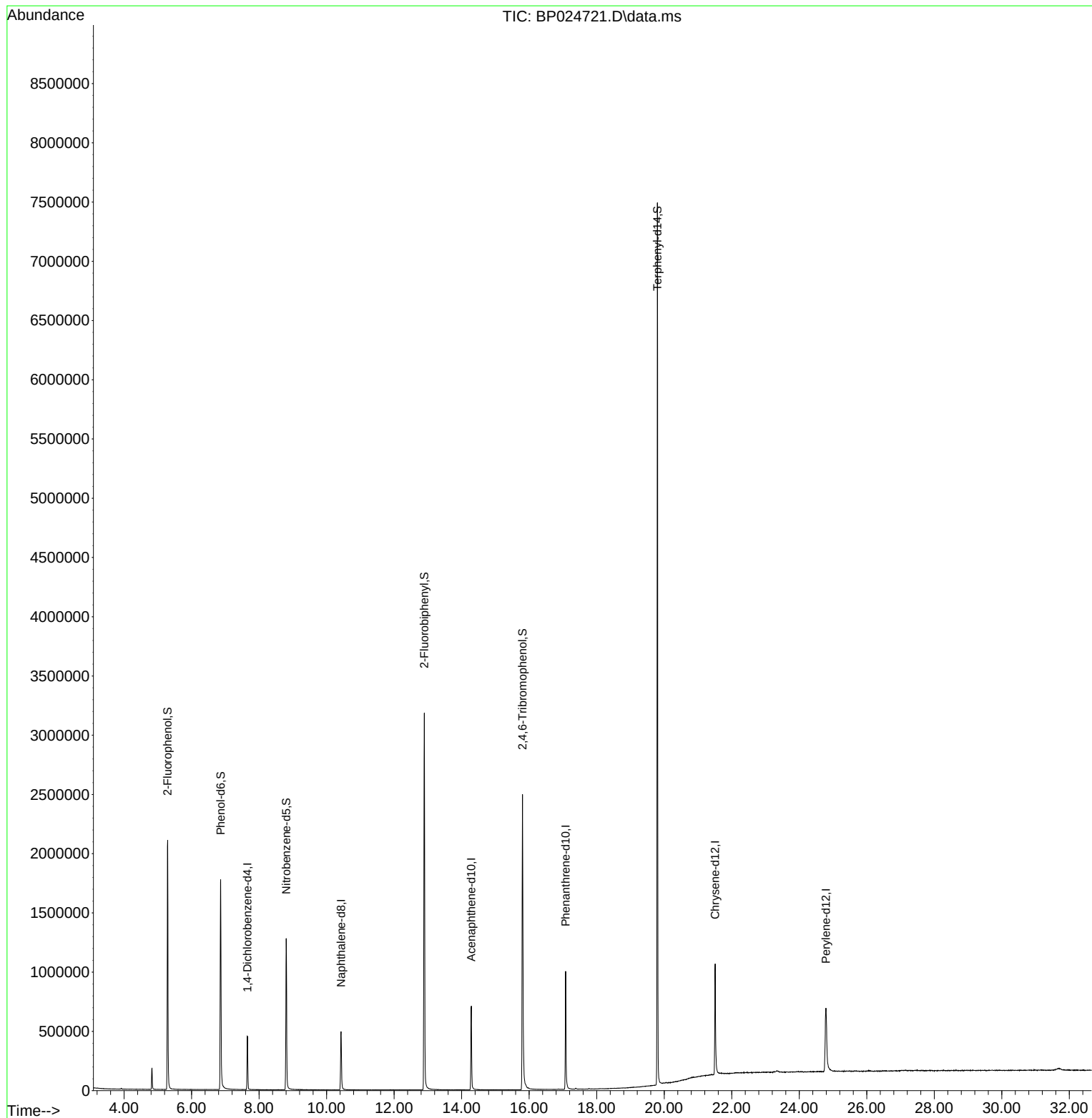
Target Compounds	Qvalue

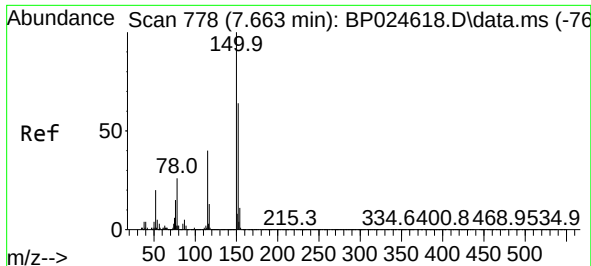
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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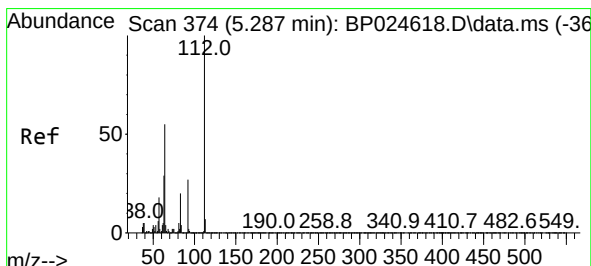
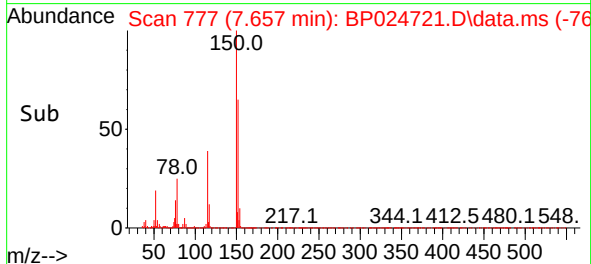
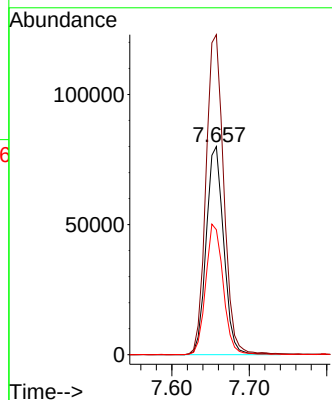
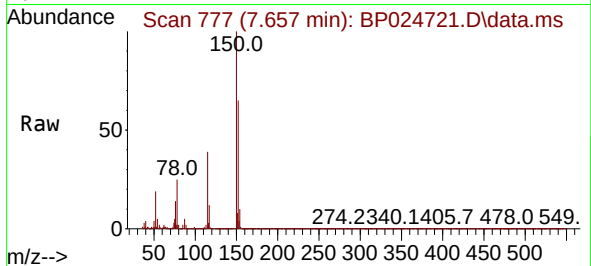




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

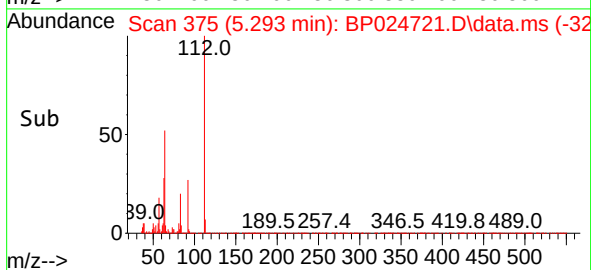
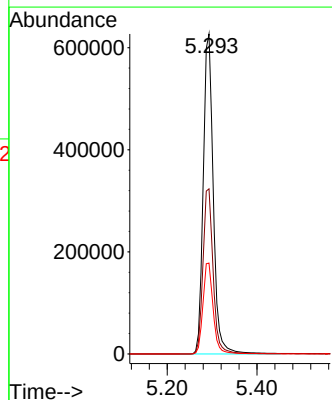
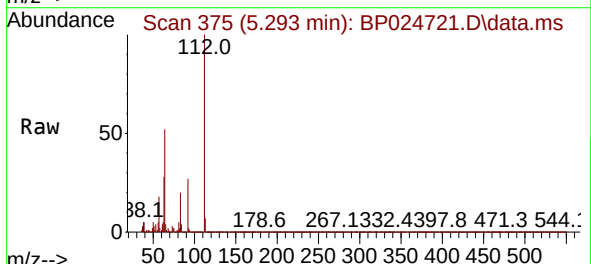
Instrument :
BNA_P
ClientSampleId :
PB168033TB

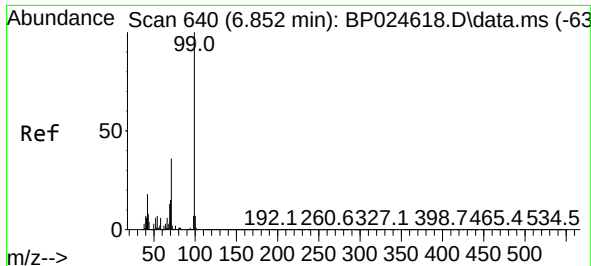
Tgt Ion:152 Resp: 125304
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 60.0 50.1 75.1



#5
2-Fluorophenol
Concen: 133.110 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion:112 Resp: 975179
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 28.4 23.5 35.3

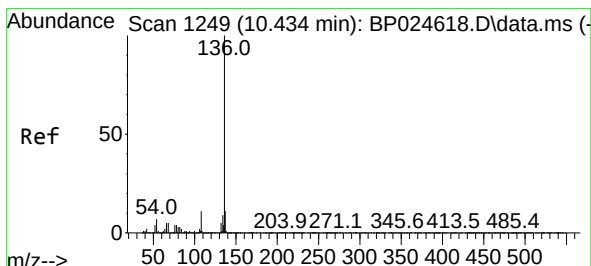
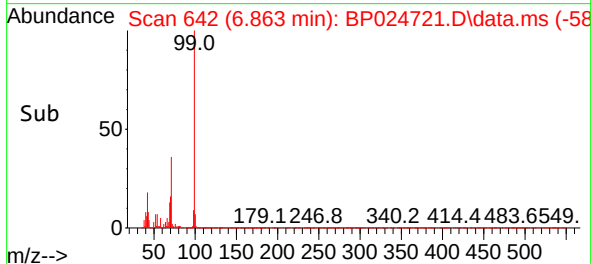
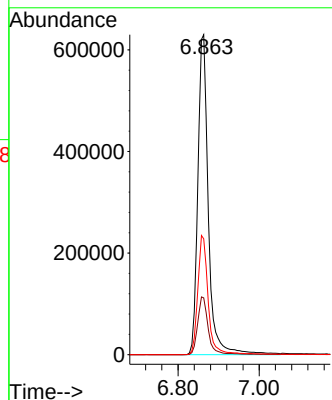
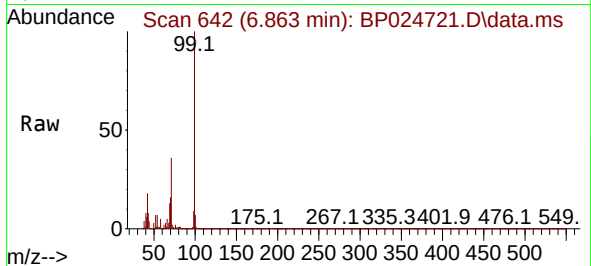




#7
Phenol-d6
Concen: 122.185 ng
RT: 6.863 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

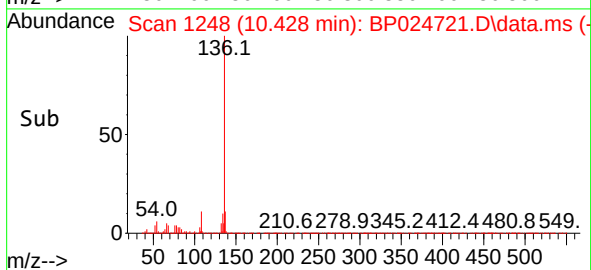
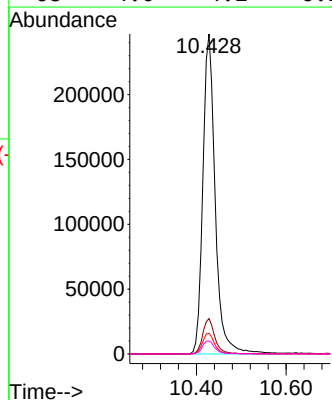
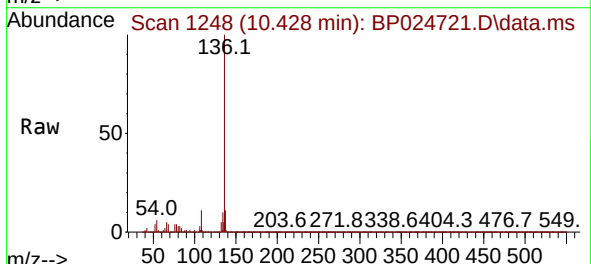
Instrument :
BNA_P
ClientSampleId :
PB168033TB

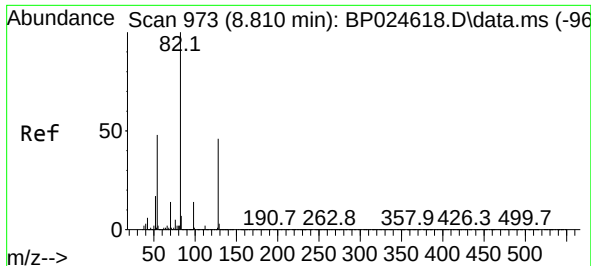
Tgt Ion: 99 Resp: 1142448
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion:136 Resp: 470424
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.5 8.3
68 4.0 4.2 6.2#

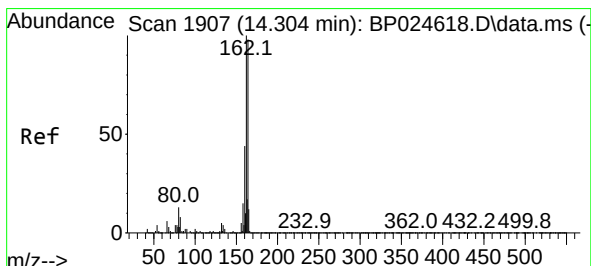
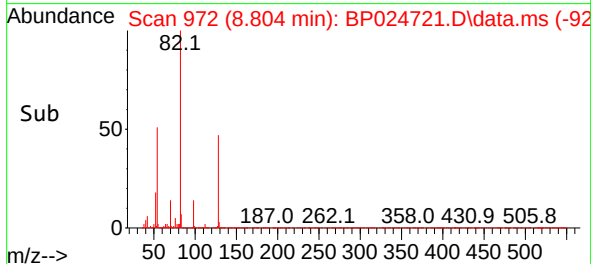
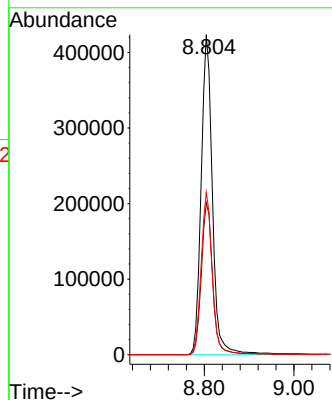
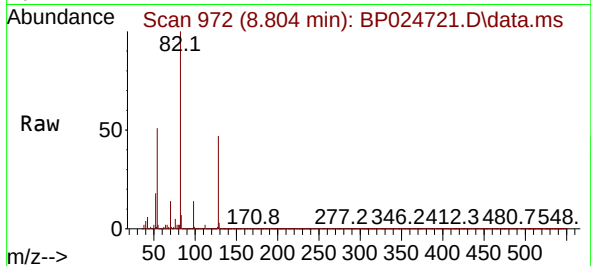




#23
Nitrobenzene-d5
Concen: 79.118 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

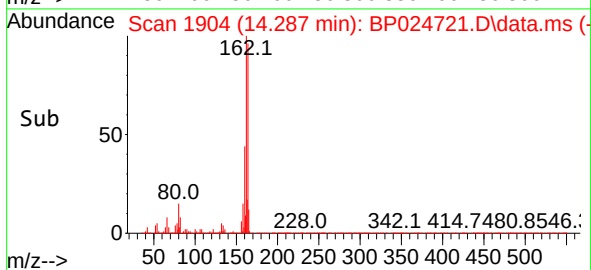
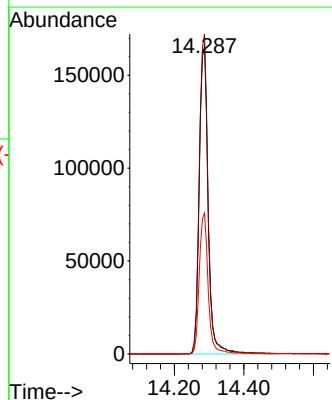
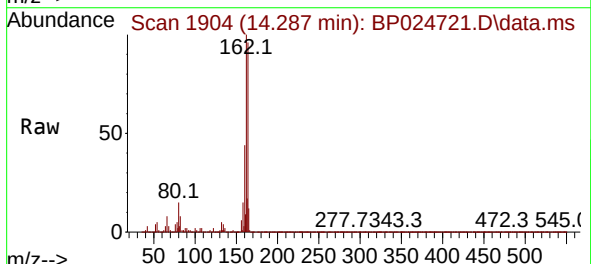
Instrument :
BNA_P
ClientSampleId :
PB168033TB

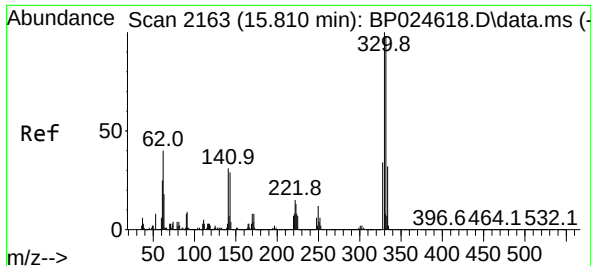
Tgt Ion: 82 Resp: 736621
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 50.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion: 164 Resp: 294716
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 45.7 36.3 54.5

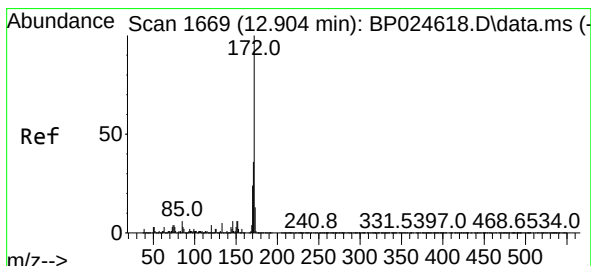
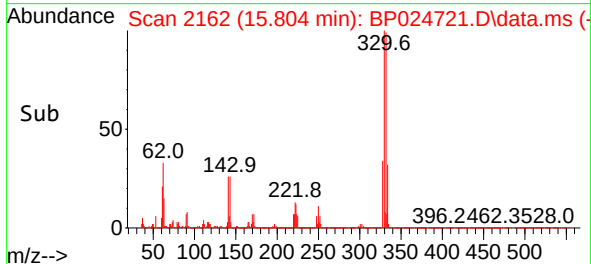
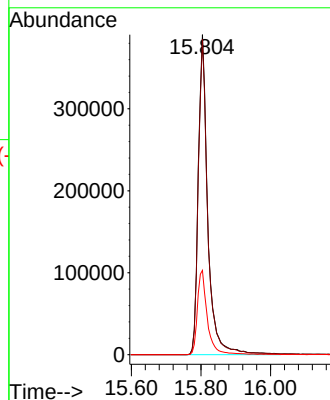
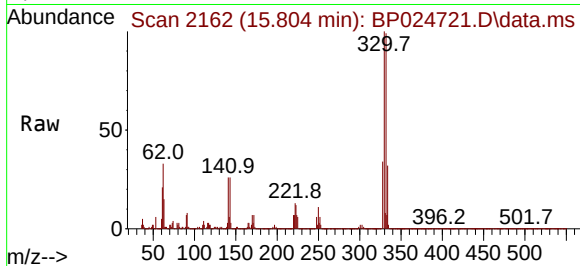




#42
2,4,6-Tribromophenol
Concen: 148.983 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

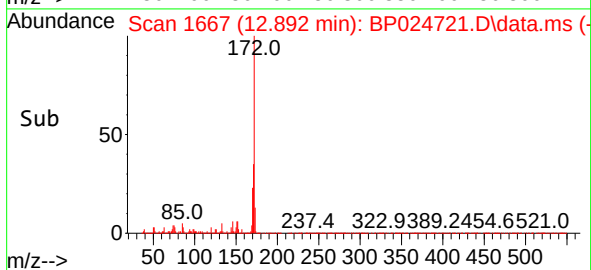
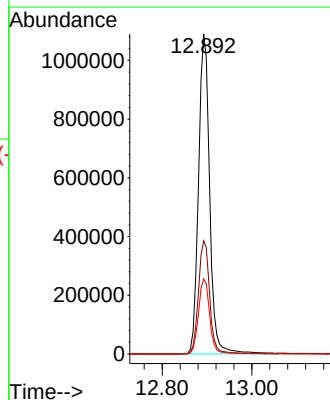
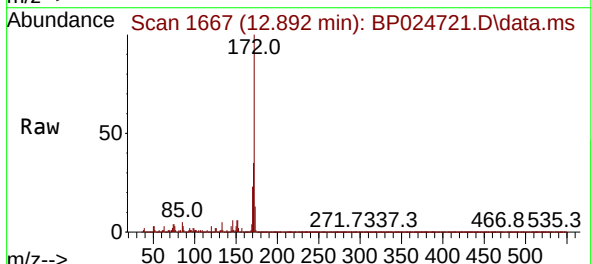
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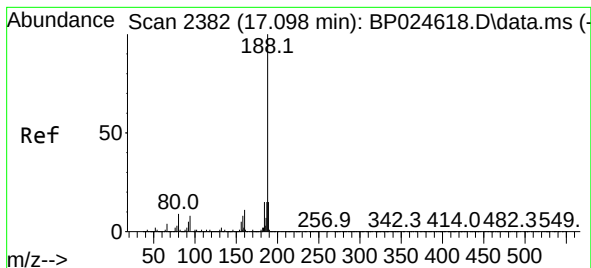
Tgt Ion: 330 Resp: 744363
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 27.4 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 83.598 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion: 172 Resp: 1880549
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

Instrument :

BNA_P

ClientSampleId :

PB168033TB

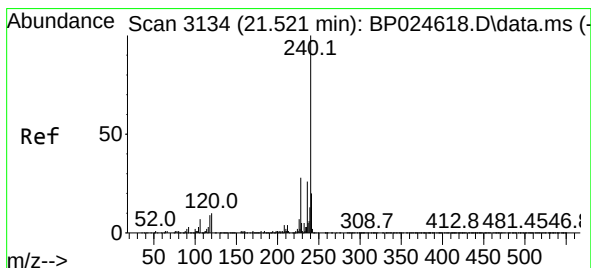
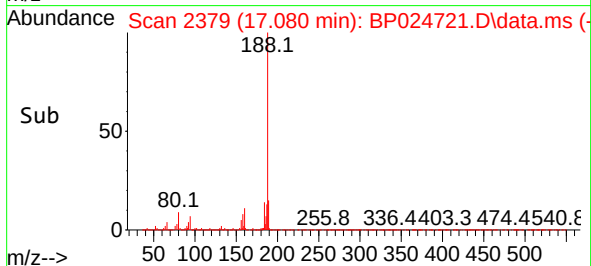
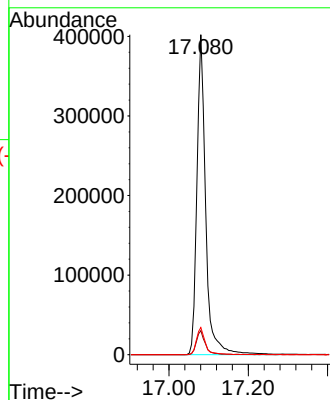
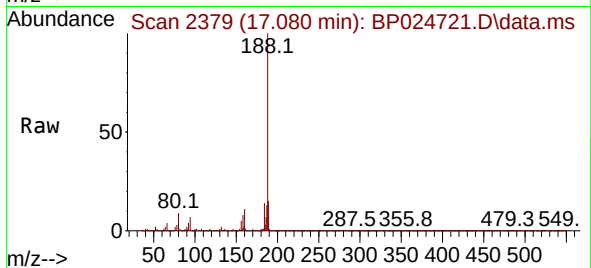
Tgt Ion:188 Resp: 617509

Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 8.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

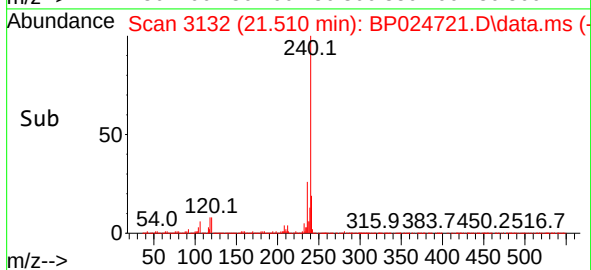
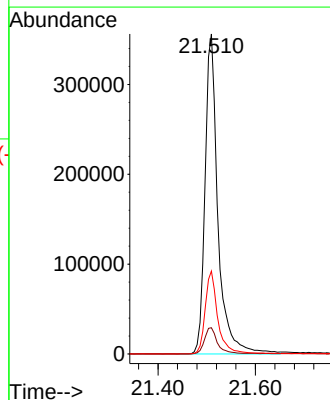
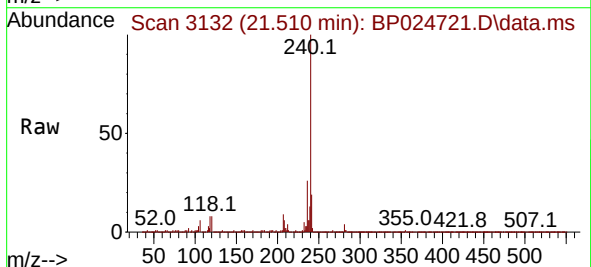
Tgt Ion:240 Resp: 652587

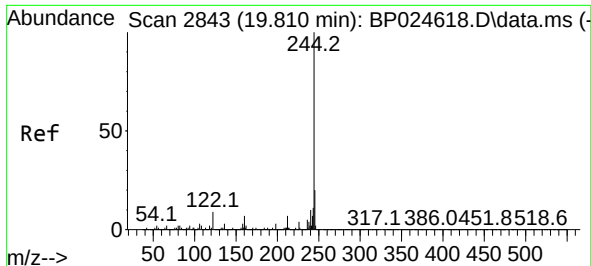
Ion Ratio Lower Upper

240 100

120 8.2 7.8 11.6

236 25.9 20.6 31.0

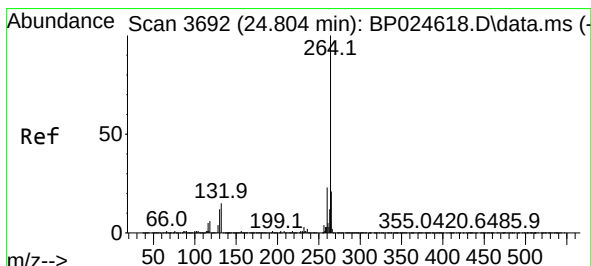
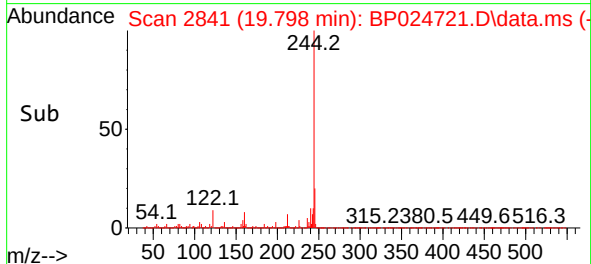
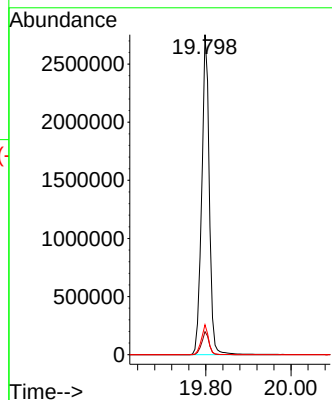
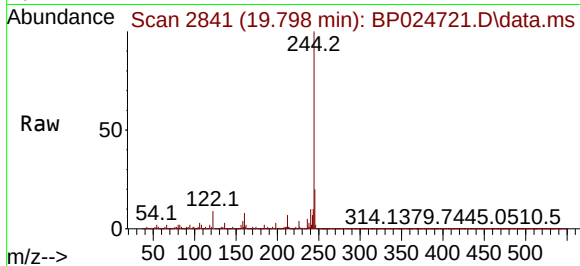




#79
 Terphenyl-d14
 Concen: 89.283 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024721.D
 Acq: 21 May 2025 01:28

Instrument :
 BNA_P
 ClientSampleId :
 PB168033TB

Tgt Ion:244 Resp: 3397979
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.3 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 3690
 Delta R.T. -0.012 min
 Lab File: BP024721.D
 Acq: 21 May 2025 01:28

Tgt Ion:264 Resp: 737646
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.7 17.0 25.6

