

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024771.D
 Acq On : 22 May 2025 23:50
 Operator : RC/JU
 Sample : PB168092TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168092TB

Quant Time: May 23 03:23:27 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	101898	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	393569	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	245440	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	545522	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	641942	20.000	ng	-0.01
86) Perylene-d12	24.809	264	766499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	769021	129.081	ng	0.00
7) Phenol-d6	6.852	99	884871	116.375	ng	0.00
23) Nitrobenzene-d5	8.799	82	547278	70.260	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	656823	157.855	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1491190	79.598	ng	-0.01
79) Terphenyl-d14	19.798	244	3117834	83.281	ng	-0.01

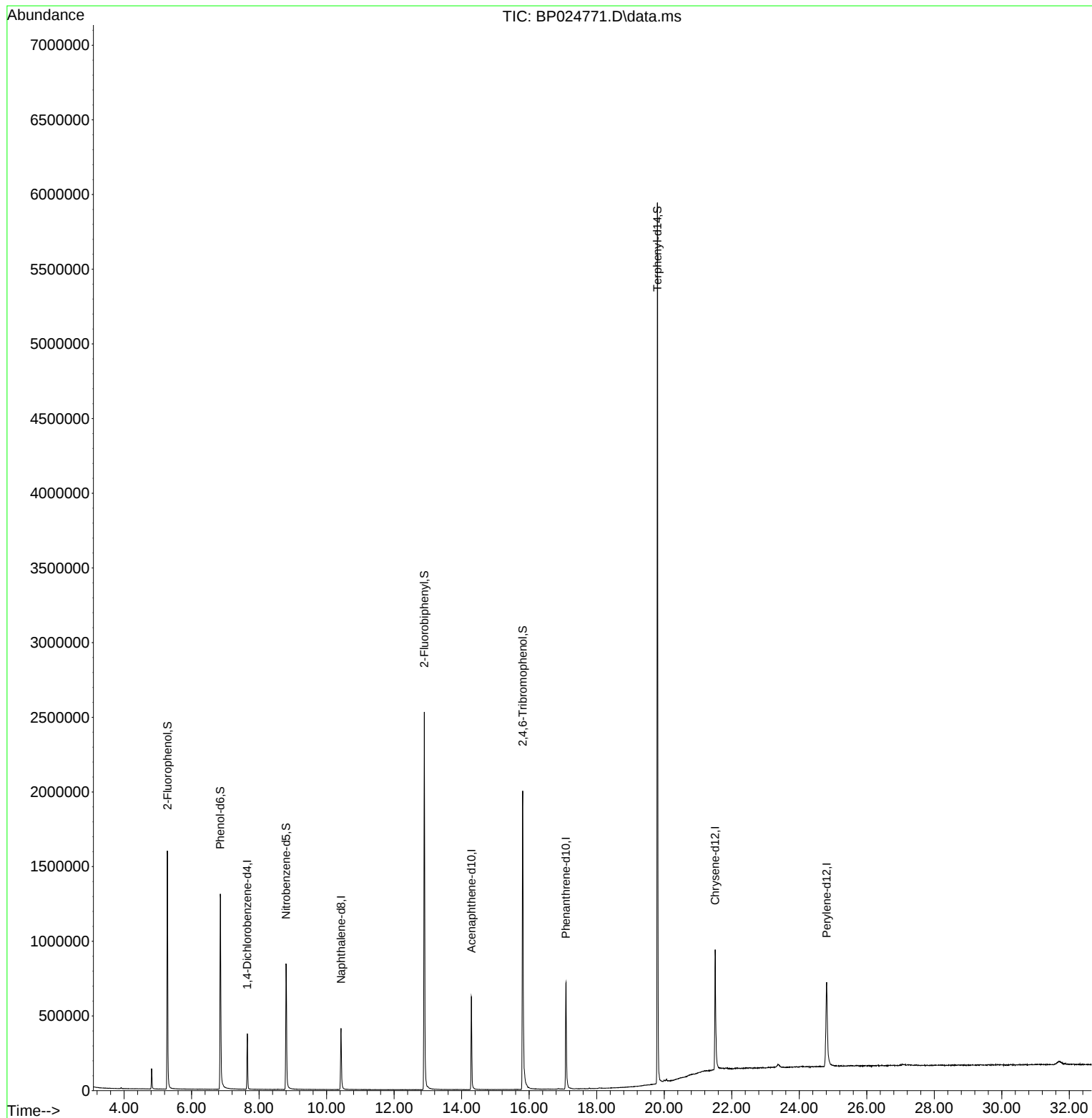
Target Compounds	Qvalue

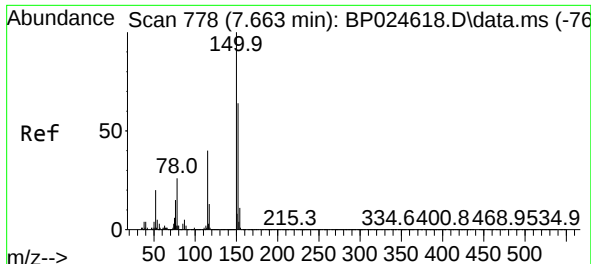
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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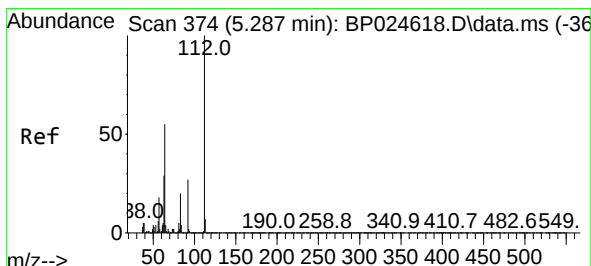
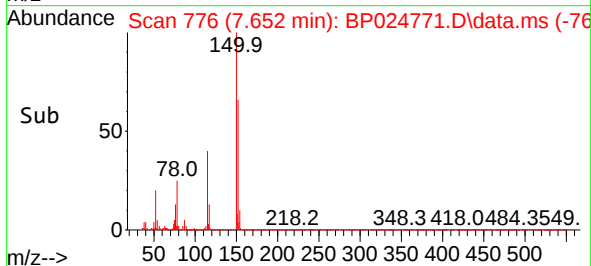
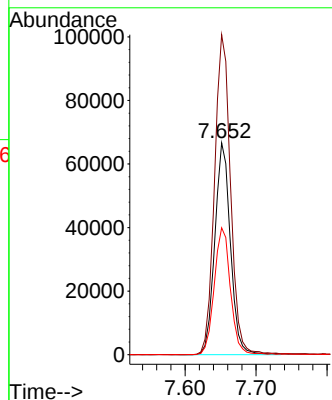
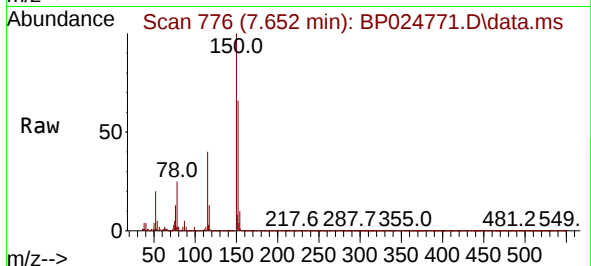




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

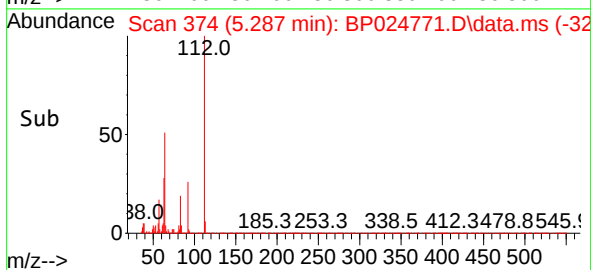
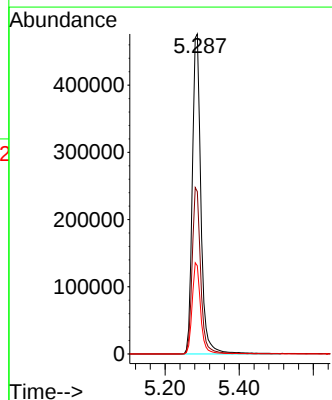
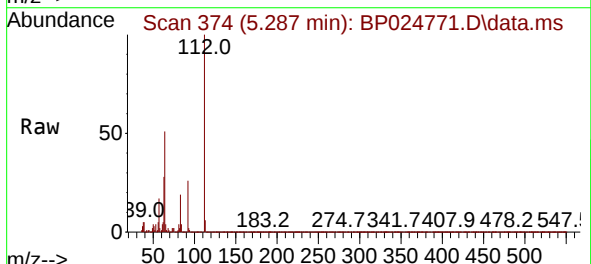
Instrument :
BNA_P
ClientSampleId :
PB168092TB

Tgt Ion:152 Resp: 101898
Ion Ratio Lower Upper
152 100
150 151.0 125.9 188.9
115 59.9 50.1 75.1



#5
2-Fluorophenol
Concen: 129.081 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:112 Resp: 769021
Ion Ratio Lower Upper
112 100
64 50.8 44.1 66.1
63 27.5 23.5 35.3

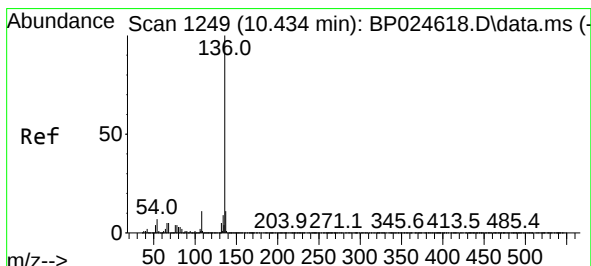
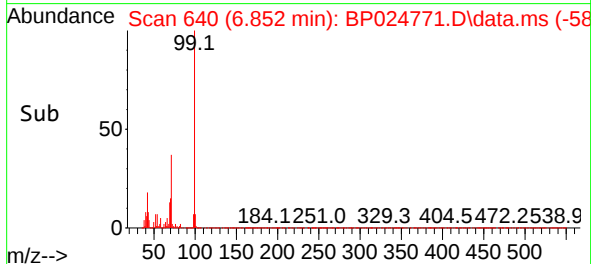
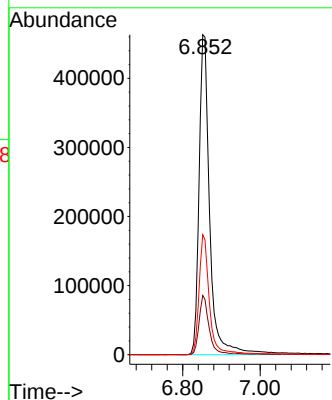
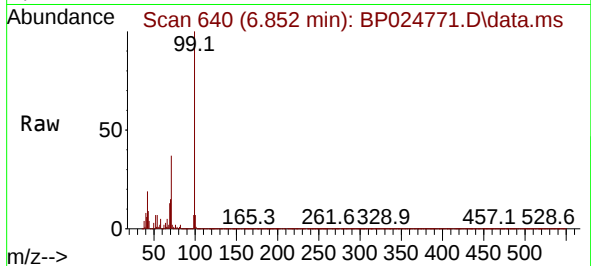




#7
Phenol-d6
Concen: 116.375 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

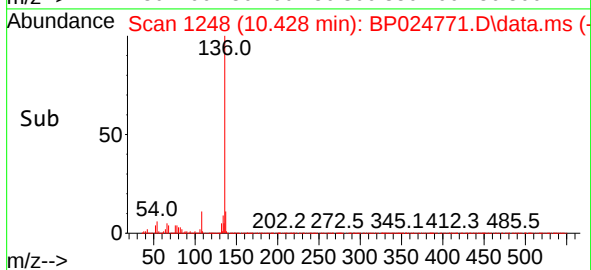
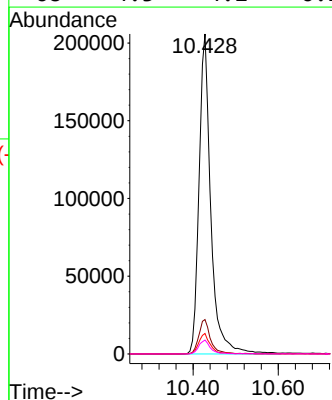
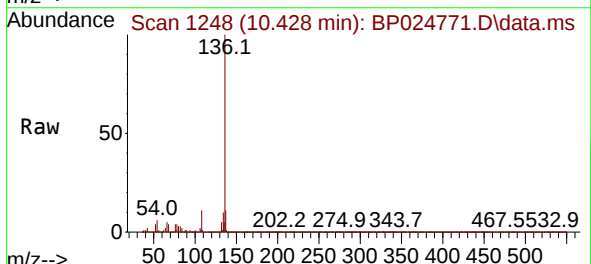
Instrument :
BNA_P
ClientSampleId :
PB168092TB

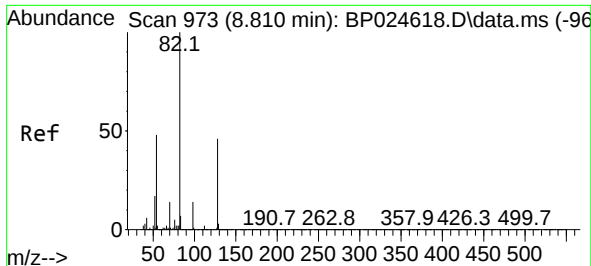
Tgt Ion: 99 Resp: 884871
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion: 136 Resp: 393569
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.5 8.3
68 4.3 4.2 6.2

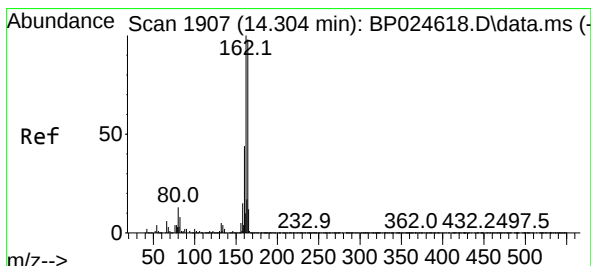
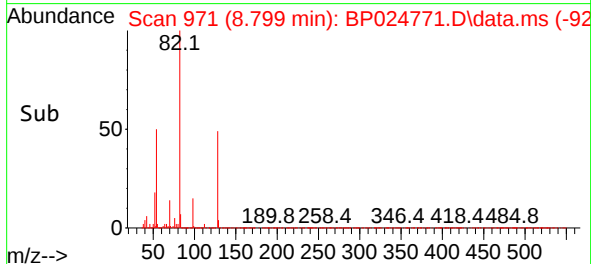
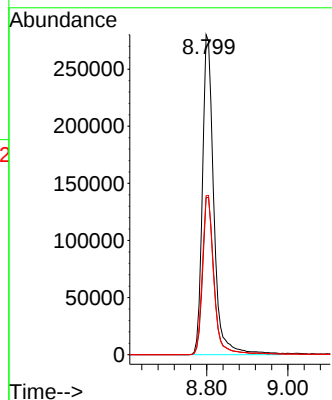
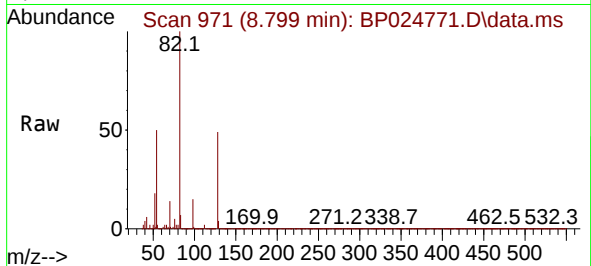




#23
Nitrobenzene-d5
Concen: 70.260 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

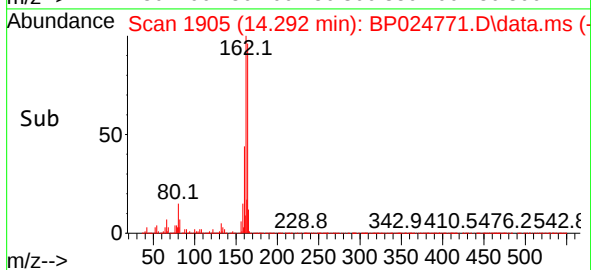
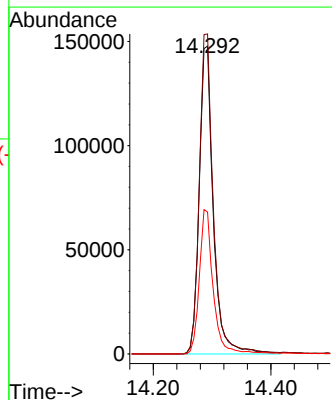
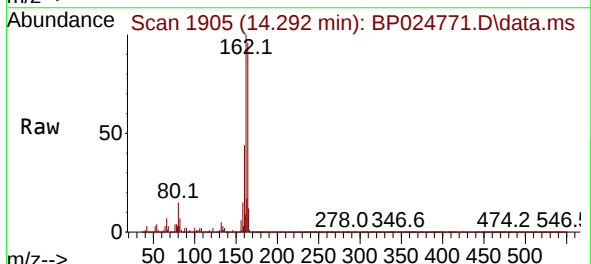
Instrument :
BNA_P
ClientSampleId :
PB168092TB

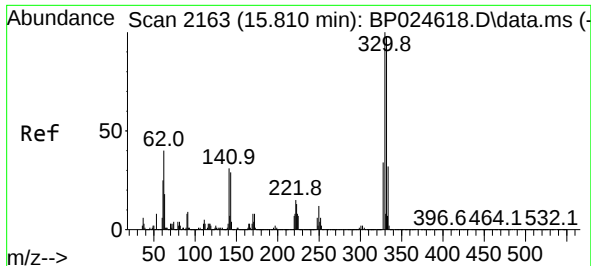
Tgt Ion: 82 Resp: 547278
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 49.7 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:164 Resp: 245440
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 46.1 36.3 54.5

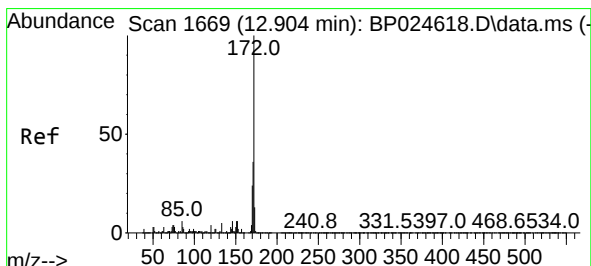
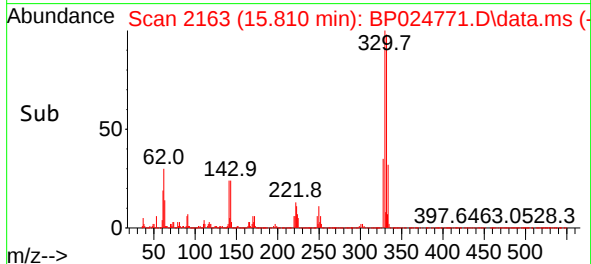
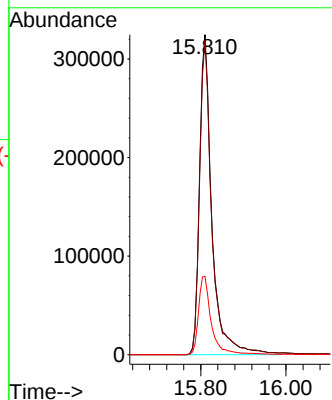
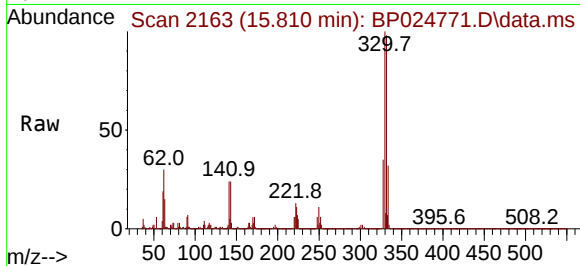




#42
2,4,6-Tribromophenol
Concen: 157.855 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

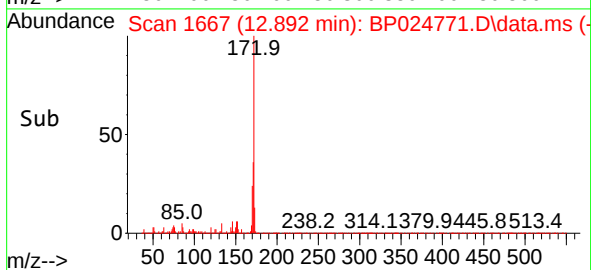
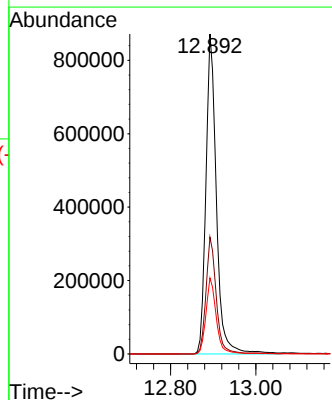
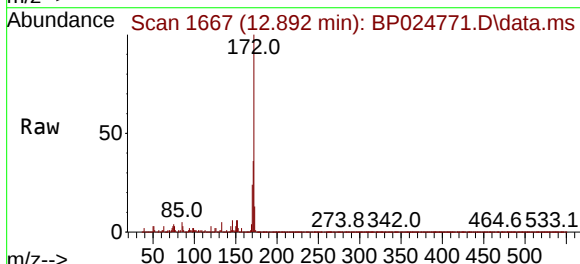
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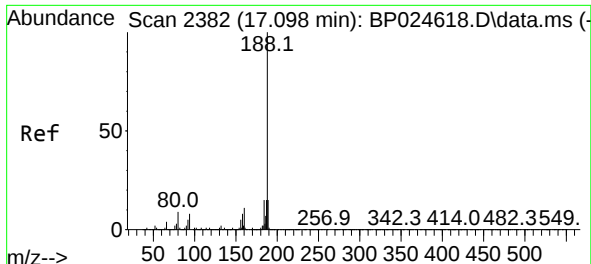
Tgt Ion:330 Resp: 656823
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 25.4 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 79.598 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:172 Resp: 1491190
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.8 18.8 28.2

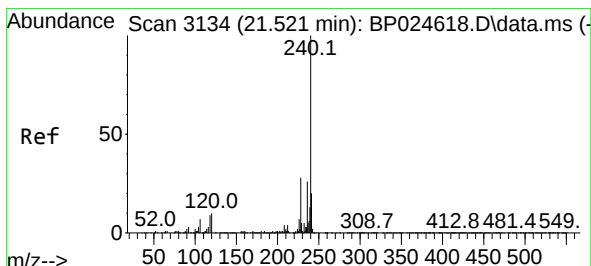
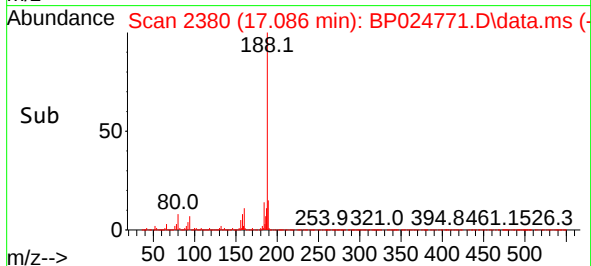
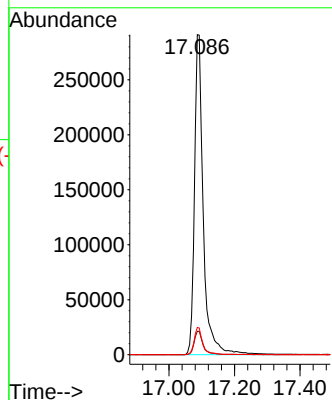
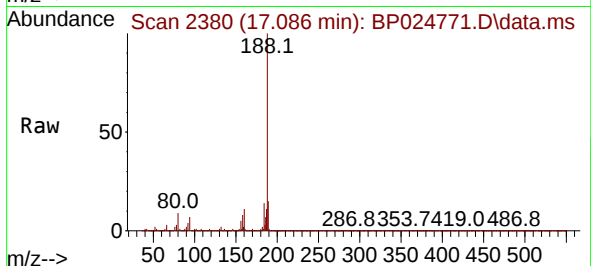




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

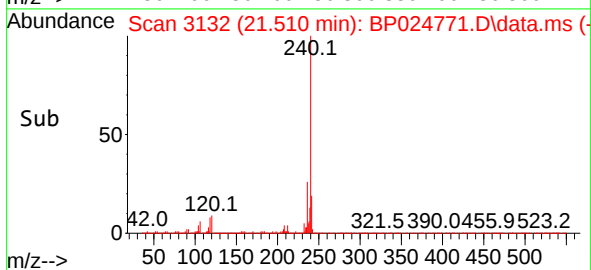
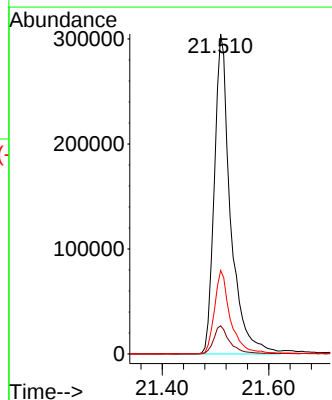
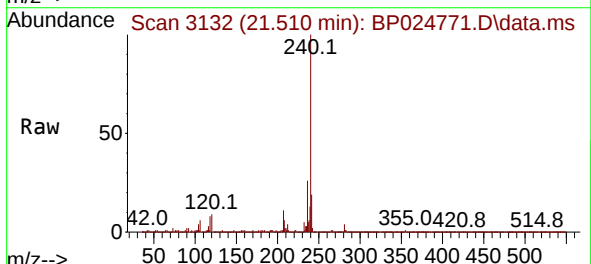
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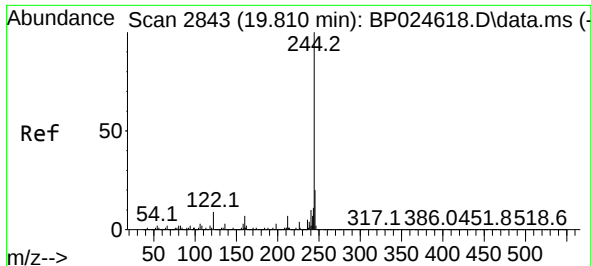
Tgt Ion:188 Resp: 545522
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:240 Resp: 641942
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 26.1 20.6 31.0

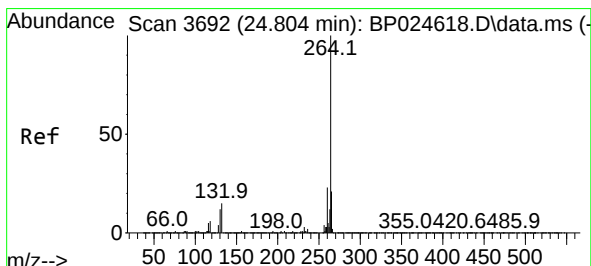
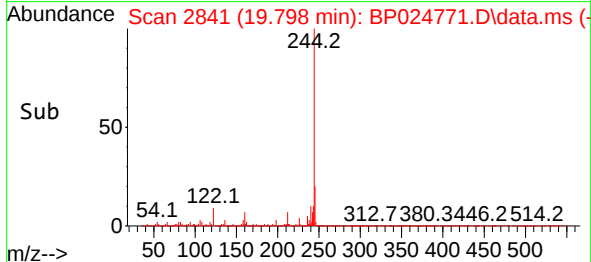
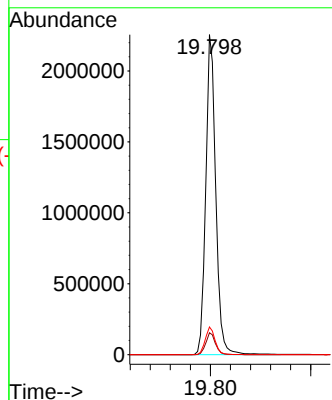
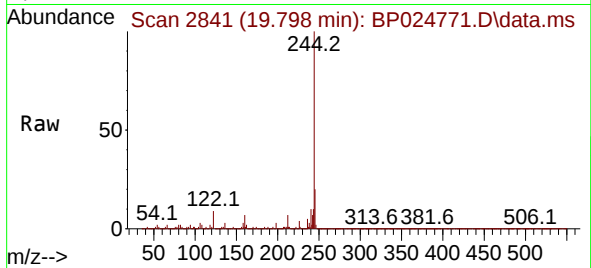




#79
 Terphenyl-d14
 Concen: 83.281 ng
 RT: 19.798 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BP024771.D
 Acq: 22 May 2025 23:50

Instrument :
 BNA_P
 ClientSampleId :
 PB168092TB

Tgt Ion:244 Resp: 3117834
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.7 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.809 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: BP024771.D
 Acq: 22 May 2025 23:50

Tgt Ion:264 Resp: 766499
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.9 17.0 25.6

